



COMUNE DI PLATANIA

PROVINCIA DI CATANZARO



Lavori di Adeguamento Sismico dell'edificio comunale Scolastico
“Felice Mastroianni”

PROGETTO ESECUTIVO

ELABORATO:	TITOLO ELABORATO :	SCALA :
TAV.14.2.2	TABULATI DI CALCOLO STRUTTURALE stato di progetto	DATA : Novembre 2019
		REVISIONE :

COMMITTENTE:	RESPONSABILE UNICO PROCEDIMENTO:
COMUNE DI PLATANIA	Ing. Antonio ZIZZA

PROGETTISTI:	
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1 Risultati di Calcolo.

1.1 Stati Limite SLV.

Di seguito saranno riportati i seguenti diagrammi:

- Cinematismi nodali;
- Sforzo Normale;
- Momento Torcente;
- Momento Flettente X-Z;
- Taglio X-Z;
- Momento Flettente X-Y;
- Taglio X-Y;

1.1.1 Verifische Nodi.

1.1.1.1 Verifiche SLV - Verifica Nodo. - SLV

Nodo	: numerazione interna del nodo;
Imp.	: impalcato al quale appartiene il nodo considerato;
Filo	: filo fisso al quale appartiene il nodo considerato;
Tipo Ver.	: tipo di verifica effettuata: Staffe : effettuata considerando la sola armatura presente; Tens.Cls : effettuata in base alla circolare esplicativa;
σ_{Nt}	: tensione di trazione.
σ_{Nc}	: tensione di compressione.
S	: valore del coefficiente di sicurezza.
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 1.I

				Direzione X				Direzione Y				
Nodo	Imp.	Filo	Tipo Ver.	CC	σ_{Nt} [daN/cm ²]	σ_{Nc} [daN/cm ²]	S	CC	σ_{Nt} [daN/cm ²]	σ_{Nc} [daN/cm ²]	S	Esito
1	Fondazione	1					CONFINATO					
2	Fondazione	2					CONFINATO					
3	Fondazione	3					CONFINATO					
4	Fondazione	4					CONFINATO					
5	Fondazione	5					CONFINATO					
6	Fondazione	6					CONFINATO					
7	Fondazione	7					CONFINATO					
8	Fondazione	8					CONFINATO					
9	Fondazione	9					CONFINATO					
10	Fondazione	10					CONFINATO					
11	Fondazione	11					CONFINATO					
12	Fondazione	12					CONFINATO					
13	Fondazione	13					CONFINATO					
14	Fondazione	14					CONFINATO					
15	Fondazione	15					CONFINATO					

TABULATI DI CALCOLO

	ne		
16	Fondazio ne	16	CONFINATO
17	Fondazio ne	17	CONFINATO
18	Fondazio ne	18	CONFINATO
19	Fondazio ne	19	CONFINATO
20	Fondazio ne	20	CONFINATO
21	Fondazio ne	21	CONFINATO
22	Fondazio ne	22	CONFINATO
23	Fondazio ne	23	CONFINATO
24	Fondazio ne	24	CONFINATO
25	Fondazio ne	25	CONFINATO
26	Fondazio ne	26	CONFINATO
27	Fondazio ne	27	CONFINATO
28	Fondazio ne	28	CONFINATO
29	Fondazio ne	29	CONFINATO
30	Fondazio ne	30	CONFINATO
31	Fondazio ne	31	CONFINATO
32	Fondazio ne	32	CONFINATO
33	Fondazio ne	33	CONFINATO
34	Fondazio ne	34	CONFINATO
35	Fondazio ne	35	CONFINATO
36	Fondazio ne	36	CONFINATO
37	Fondazio ne	37	CONFINATO
38	Fondazio ne	38	CONFINATO
39	Fondazio ne	39	CONFINATO
40	Fondazio ne	40	CONFINATO
41	Fondazio ne	41	CONFINATO
42	Fondazio ne	42	CONFINATO
43	Piano 1	1	CONFINATO
44	Piano 1	2	CONFINATO
45	Piano 1	3	CONFINATO
46	Piano 1	4	CONFINATO
47	Piano 1	5	CONFINATO
48	Piano 1	6	CONFINATO
49	Piano 1	7	CONFINATO
50	Piano 1	8	CONFINATO
51	Piano 1	9	CONFINATO
52	Piano 1	10	CONFINATO
53	Piano 1	11	CONFINATO
54	Piano 1	12	CONFINATO
55	Piano 1	13	CONFINATO
56	Piano 1	14	CONFINATO
57	Piano 1	15	CONFINATO
58	Piano 1	16	CONFINATO
59	Piano 1	17	CONFINATO
60	Piano 1	18	CONFINATO
61	Piano 1	19	CONFINATO

TABULATI DI CALCOLO

62	Piano 1	20	CONFINATO
63	Piano 1	21	CONFINATO
64	Piano 1	22	CONFINATO
65	Piano 1	23	CONFINATO
66	Piano 1	24	CONFINATO
67	Piano 1	25	CONFINATO
68	Piano 1	26	CONFINATO
69	Piano 1	27	CONFINATO
70	Piano 1	28	CONFINATO
71	Piano 1	29	CONFINATO
72	Piano 1	30	CONFINATO
73	Piano 1	31	CONFINATO
74	Piano 1	32	CONFINATO
75	Piano 1	33	CONFINATO
76	Piano 1	34	CONFINATO
77	Piano 1	35	CONFINATO
78	Piano 1	36	CONFINATO
79	Piano 1	37	CONFINATO
80	Piano 1	38	CONFINATO
81	Piano 1	39	CONFINATO
82	Piano 1	40	CONFINATO
83	Piano 1	41	CONFINATO
84	Piano 1	42	CONFINATO
87	Piano 2	1	CONFINATO
88	Piano 2	2	CONFINATO
89	Piano 2	3	CONFINATO
90	Piano 2	4	CONFINATO
91	Piano 2	5	CONFINATO
92	Piano 2	6	CONFINATO
93	Piano 2	7	CONFINATO
94	Piano 2	8	CONFINATO
95	Piano 2	9	CONFINATO
96	Piano 2	10	CONFINATO
97	Piano 2	11	CONFINATO
98	Piano 2	12	CONFINATO
99	Piano 2	13	CONFINATO
100	Piano 2	14	CONFINATO
101	Piano 2	15	CONFINATO
102	Piano 2	16	CONFINATO
103	Piano 2	17	CONFINATO
104	Piano 2	18	CONFINATO
105	Piano 2	19	CONFINATO
106	Piano 2	20	CONFINATO
107	Piano 2	21	CONFINATO
108	Piano 2	22	CONFINATO
109	Piano 2	23	CONFINATO
110	Piano 2	24	CONFINATO
111	Piano 2	25	CONFINATO
112	Piano 2	26	CONFINATO
113	Piano 2	27	CONFINATO
114	Piano 2	28	CONFINATO
115	Piano 2	29	CONFINATO
116	Piano 2	30	CONFINATO
117	Piano 2	31	CONFINATO
118	Piano 2	32	CONFINATO
119	Piano 2	33	CONFINATO
120	Piano 2	34	CONFINATO
121	Piano 2	35	CONFINATO
122	Piano 2	36	CONFINATO
123	Piano 2	37	CONFINATO
124	Piano 2	38	CONFINATO
125	Piano 2	39	CONFINATO
126	Piano 2	40	CONFINATO
127	Piano 2	41	CONFINATO
128	Piano 2	42	CONFINATO
131	Piano 3	1	CONFINATO
132	Piano 3	2	CONFINATO
133	Piano 3	3	CONFINATO
134	Piano 3	4	CONFINATO
135	Piano 3	5	CONFINATO
136	Piano 3	6	CONFINATO
137	Piano 3	7	CONFINATO

138	Piano 3	8	CONFINATO
139	Piano 3	9	CONFINATO
140	Piano 3	10	CONFINATO
141	Piano 3	11	CONFINATO
142	Piano 3	12	CONFINATO
143	Piano 3	13	CONFINATO
144	Piano 3	14	CONFINATO
145	Piano 3	15	CONFINATO
146	Piano 3	16	CONFINATO
147	Piano 3	17	CONFINATO
148	Piano 3	18	CONFINATO
149	Piano 3	19	CONFINATO
150	Piano 3	20	CONFINATO
151	Piano 3	21	CONFINATO
152	Piano 3	22	CONFINATO
153	Piano 3	23	CONFINATO
154	Piano 3	24	CONFINATO
155	Piano 3	25	CONFINATO
156	Piano 3	26	CONFINATO
157	Piano 3	27	CONFINATO
158	Piano 3	28	CONFINATO
159	Piano 3	29	CONFINATO
160	Piano 3	30	CONFINATO
161	Piano 3	31	CONFINATO
162	Piano 3	32	CONFINATO
163	Piano 3	33	CONFINATO
164	Piano 3	34	CONFINATO
165	Piano 3	35	CONFINATO
166	Piano 3	36	CONFINATO
167	Piano 3	37	CONFINATO
168	Piano 3	38	CONFINATO
169	Piano 3	39	CONFINATO
170	Piano 3	40	CONFINATO
171	Piano 3	41	CONFINATO
172	Piano 3	42	CONFINATO
175	Piano 4	25	CONFINATO
176	Piano 4	26	CONFINATO
177	Piano 4	27	CONFINATO
178	Piano 4	28	CONFINATO
179	Piano 4	29	CONFINATO
180	Piano 4	30	CONFINATO
181	Piano 4	31	CONFINATO
182	Piano 4	32	CONFINATO
183	Piano 4	33	CONFINATO
184	Piano 4	34	CONFINATO
185	Piano 4	35	CONFINATO
186	Piano 4	36	CONFINATO
187	Piano 4	37	CONFINATO
188	Piano 4	38	CONFINATO
189	Piano 4	39	CONFINATO
190	Piano 4	40	CONFINATO
191	Piano 4	41	CONFINATO
192	Piano 4	42	CONFINATO

1.1.2 Verifiche Aste SLV.

1.1.2.1 Pilastri.

1.1.2.1.1 Verifiche Pilastri in C.A..

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative ai pilastri della struttura.

1.1.2.1.1.1 Verifica Flessione Composta Deviata - SLV

TABULATI DI CALCOLO

Pilastro	: numerazione del pilastro (<i>interna alla relazione di calcolo</i>);
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Filo	: filo fisso dell'asta considerata (<i>numerazione corrispondente con elaborati grafici esecutivi</i>);
Tipo Sez.	: tipo di sezione dell'asta considerata;
ϵ_{c2}	: deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
ϵ_{cu2}	: deformazione ultima di contrazione del calcestruzzo;
Pos.	: Posizione misurata lungo l'asse dell'asta
Cop	: distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
A_{sn}	: valore dell'area dell'acciaio strettamente necessaria;
CdC	: indice della combinazione di carico più gravosa ("G" è relativa alle combinazioni aggiuntive per la gerarchia di resistenza)
Azioni Sollecitanti:	
N_{sd}	: Sforzo Normale Sollecitante;
M_{sdXZ}	: valore del Momento Flettente X-Z sollecitante di calcolo;
M_{sdXY}	: valore del Momento Flettente X-Y sollecitante di calcolo;
ϵ_{cls}	: deformazione massima del calcestruzzo compresso
ϵ_{acc}	: deformazione massima dell'armatura tesa
Azioni Resistenti:	
N_{Rd}	: Sforzo Normale Resistente;
M_{RdXZ}	: valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY}	: valore del Momento Flettente X-Y resistente di calcolo;
C	: campo di rottura
S	: valore del coefficiente di sicurezza minimo della sezione;
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 2.I

Pilastro	Filo	Asta	Imp.	Tipo Sez.	Posizione	Asn [cm²]	Azioni Sollecitanti			Azioni Resistenti			S	Esito
							Nsd [daN]	Msdxz [daNm]	Msdxy [daNm]	Nrd [daN]	Mrdxz [daNm]	Mrdxy [daNm]		
10	4	220	Piano 1	10	Testa	20.1	-56991	1359	0	-56991	18533	0	13.63	V
						20.1	-42801	0	-7084	-42800	0	-29466	4.16	V
					Piede	20.1	-34444	4609	0	-34444	15689	0	3.40	V
						20.1	-37988	0	10787	-37988	0	28536	2.65	V
11	4	388	Piano 2	7	Testa	12.1	-21642	845	0	-21642	9823	0	11.62	V
						12.1	-31009	0	4434	-31010	0	17082	3.85	V
					Piede	12.1	-36158	-1159	0	-36158	-12103	0	10.45	V
						12.1	-36594	0	-4503	-36594	0	-18184	4.04	V
12	4	553	Piano 3	21	Testa	8.0	-16452	4529	0	-16453	6804	0	1.50	V
						8.0	-15509	0	4823	-15509	0	10427	2.16	V
					Piede	8.0	-18210	-1821	0	-18209	-7079	0	3.89	V
						8.0	-17267	0	-4238	-17267	0	-10833	2.56	V
13	5	221	Piano 1	2	Testa	20.1	-26132	-1951	0	-26132	-14470	0	7.42	V
						20.1	-26132	0	-11438	-26132	0	-25872	2.26	V
					Piede	20.1	-28141	5491	0	-28141	14777	0	2.69	V
						20.1	-28141	0	11411	-28140	0	26346	2.31	V
14	5	389	Piano 2	7	Testa	12.1	-23106	-968	0	-23107	-10059	0	10.39	V
						12.1	-22477	0	-7809	-22477	0	-15262	1.95	V
					Piede	12.1	-24864	1642	0	-24863	10342	0	6.30	V
						12.1	-24235	0	7062	-24235	0	15650	2.22	V
15	5	554	Piano 3	7	Testa	8.0	-20988	-4363	0	-20987	-7772	0	1.78	V
						8.0	-13788	0	3998	-13788	0	10202	2.55	V
					Piede	8.0	-22746	2167	0	-22745	8056	0	3.72	V
						8.0	-15546	0	-4354	-15547	0	-10662	2.45	V

TABULATI DI CALCOLO

16	6	222	Piano 1	2	Testa	20.1	-19738	-858	0	-19737	-13457	0	15.69	V
						20.1	-19738	0	3478	-19738	0	24305	6.99	V
					Piede	20.1	-16756	-3489	0	-16757	-12980	0	3.72	V
						20.1	-16756	0	-5174	-16756	0	-23542	4.55	V
17	6	390	Piano 2	7	Testa	12.1	-22778	-238	0	-22779	-10007	0	42.10	V
						12.1	-12133	0	2484	-12134	0	12837	5.17	V
					Piede	12.1	-25678	585	0	-25677	10472	0	17.91	V
						12.1	-13891	0	-2485	-13891	0	-13265	5.34	V
18	6	555	Piano 3	21	Testa	8.0	-10037	-2874	0	-10036	-5775	0	2.01	V
						8.0	-3979	0	3077	-3979	0	7482	2.43	V
					Piede	8.0	-11795	1130	0	-11795	6059	0	5.36	V
						8.0	-5737	0	-2764	-5738	0	-7944	2.87	V
19	7	223	Piano 1	10	Testa	20.1	-36696	1308	0	-36696	16002	0	12.23	V
						20.1	-36574	0	-7011	-36574	0	-28235	4.03	V
					Piede	20.1	-30030	-5105	0	-30030	-15056	0	2.95	V
						20.1	-38583	0	11279	-38582	0	28661	2.54	V
20	7	391	Piano 2	7	Testa	12.1	-32326	825	0	-32326	11526	0	13.96	V
						12.1	-30075	0	3789	-30075	0	16890	4.46	V
					Piede	12.1	-19676	-1279	0	-19675	-9504	0	7.43	V
						12.1	-31833	0	-3830	-31833	0	-17249	4.50	V
21	7	556	Piano 3	21	Testa	8.0	-7713	4419	0	-7713	5396	0	1.22	V
						8.0	-14275	0	4113	-14275	0	10134	2.46	V
					Piede	8.0	-9471	-1781	0	-9471	-5683	0	3.19	V
						8.0	-13195	0	-3575	-13195	0	-9871	2.76	V
22	8	224	Piano 1	2	Testa	20.1	-57366	-1940	0	-57366	-18574	0	9.57	V
						20.1	-60632	0	-5713	-60632	0	-32314	5.66	V
					Piede	20.1	-52054	5367	0	-52053	17966	0	3.35	V
						20.1	-62641	0	9018	-62641	0	32621	3.62	V
23	8	392	Piano 2	7	Testa	12.1	-30034	-1242	0	-30033	-11165	0	8.99	V
						12.1	-38470	0	4785	-38471	0	18539	3.87	V
					Piede	12.1	-31792	2238	0	-31792	11442	0	5.11	V
						12.1	-40228	0	-4683	-40228	0	-18864	4.03	V
24	8	557	Piano 3	7	Testa	8.0	-14927	-4501	0	-14928	-6780	0	1.51	V
						8.0	-19299	0	3611	-19298	0	11636	3.22	V
					Piede	8.0	-16685	2196	0	-16684	7069	0	3.22	V
						8.0	-21057	0	-3065	-21057	0	-12090	3.95	V
25	9	225	Piano 1	2	Testa	20.1	-21209	-1246	0	-21209	-13691	0	10.99	V
						20.1	-21209	0	-5399	-21210	0	-24674	4.57	V
					Piede	20.1	-25395	-4962	0	-25394	-14354	0	2.89	V
						20.1	-19507	0	8119	-19506	0	24246	2.99	V
26	9	393	Piano 2	7	Testa	12.1	-18110	-431	0	-18110	-9250	0	21.45	V
						12.1	-13733	0	-2452	-13733	0	-13227	5.39	V
					Piede	12.1	-20313	844	0	-20313	9608	0	11.39	V
						12.1	-15491	0	2313	-15491	0	13650	5.90	V
27	9	558	Piano 3	21	Testa	8.0	-7555	-3216	0	-7554	-5370	0	1.67	V
						8.0	-7948	0	3188	-7948	0	8523	2.67	V
					Piede	8.0	-9313	1425	0	-9314	5657	0	3.97	V
						8.0	-9706	0	-2766	-9705	0	-8981	3.25	V
28	10	226	Piano 1	10	Testa	20.1	-52373	2800	0	-52373	18003	0	6.43	V
						20.1	-42222	0	-7256	-42223	0	-29370	4.05	V
					Piede	20.1	-54382	-5708	0	-54382	-18237	0	3.20	V
						20.1	-44231	0	11369	-44230	0	29701	2.61	V
29	10	394	Piano 2	7	Testa	12.1	-31267	2678	0	-31266	11360	0	4.24	V
						12.1	-28098	0	3933	-28098	0	16479	4.19	V
					Piede	12.1	-33025	-2968	0	-33025	-11636	0	3.92	V
						12.1	-29856	0	-3916	-29856	0	-16845	4.30	V
30	10	559	Piano 3	21	Testa	8.0	-9577	4031	0	-9577	5700	0	1.41	V
						8.0	-10753	0	3775	-10753	0	9253	2.45	V

TABULATI DI CALCOLO

					Piede	8.0	-11335	-2844	0	-11335	-5985	0	2.10	V
						8.0	-12511	0	-3297	-12511	0	-9703	2.94	V
31	11	227	Piano 1	2	Testa	20.1	-30381	-6586	0	-30381	-15107	0	2.29	V
						20.1	-35579	0	-5866	-35579	0	-28020	4.78	V
					Piede	20.1	-32390	7237	0	-32390	15398	0	2.13	V
						20.1	-37588	0	8971	-37589	0	28451	3.17	V
32	11	395	Piano 2	7	Testa	12.1	-23683	-6285	0	-23683	-10152	0	1.62	V
						12.1	-25681	0	-3450	-25681	0	-15964	4.63	V
					Piede	12.1	-25441	6333	0	-25442	10435	0	1.65	V
						12.1	-27439	0	3171	-27438	0	16340	5.15	V
33	11	560	Piano 3	7	Testa	12.1	-16595	-4851	0	-16596	-9003	0	1.86	V
						12.1	-12143	0	3205	-12143	0	12839	4.01	V
					Piede	12.1	-18353	4710	0	-18352	9289	0	1.97	V
						12.1	-13901	0	-2767	-13901	0	-13268	4.80	V
34	12	228	Piano 1	2	Testa	20.1	-10582	3602	0	-10583	11983	0	3.33	V
						20.1	-13633	0	3390	-13633	0	22723	6.70	V
					Piede	20.1	-12591	-4600	0	-12590	-12308	0	2.68	V
						20.1	-15642	0	-5451	-15642	0	-23252	4.27	V
35	12	396	Piano 2	7	Testa	12.1	-9319	3278	0	-9320	7809	0	2.38	V
						12.1	-10397	0	2510	-10396	0	12405	4.94	V
					Piede	12.1	-11077	-3547	0	-11076	-8098	0	2.28	V
						12.1	-12155	0	-2394	-12154	0	-12842	5.36	V
36	12	561	Piano 3	21	Testa	8.0	-7003	-3487	0	-7003	-5280	0	1.51	V
						8.0	-4731	0	-2590	-4731	0	-7680	2.97	V
					Piede	8.0	-8761	3796	0	-8761	5567	0	1.47	V
						8.0	-8684	0	-2397	-8684	0	-8715	3.64	V
37	13	229	Piano 1	10	Testa	20.1	-50903	1244	0	-50902	17829	0	14.34	V
						20.1	-42164	0	-7234	-42164	0	-29361	4.06	V
					Piede	20.1	-31855	-4729	0	-31855	-15321	0	3.24	V
						20.1	-44173	0	11374	-44172	0	29691	2.61	V
38	13	397	Piano 2	7	Testa	12.1	-19696	801	0	-19695	9508	0	11.88	V
						12.1	-26871	0	-3715	-26872	0	-16219	4.37	V
					Piede	12.1	-21454	-1407	0	-21455	-9793	0	6.96	V
						12.1	-31740	0	-3809	-31740	0	-17230	4.52	V
39	13	562	Piano 3	21	Testa	8.0	-8432	4395	0	-8432	5513	0	1.25	V
						8.0	-12885	0	3895	-12885	0	9795	2.51	V
					Piede	8.0	-9846	-1703	0	-9846	-5744	0	3.37	V
						8.0	-14643	0	-3295	-14644	0	-10222	3.10	V
40	14	230	Piano 1	2	Testa	20.1	-80552	-1488	0	-80552	-20807	0	13.98	V
						20.1	-22079	0	10483	-22080	0	24890	2.37	V
					Piede	20.1	-57421	4762	0	-57421	18580	0	3.90	V
						20.1	-24088	0	-10687	-24089	0	-25381	2.37	V
41	14	398	Piano 2	7	Testa	12.1	-33820	-817	0	-33819	-11757	0	14.39	V
						12.1	-20028	0	7025	-20027	0	14709	2.09	V
					Piede	12.1	-35578	1441	0	-35579	12018	0	8.34	V
						12.1	-21786	0	-6539	-21786	0	-15107	2.31	V
42	14	563	Piano 3	7	Testa	8.0	-15375	-3840	0	-15376	-6854	0	1.78	V
						8.0	-13535	0	6397	-13535	0	10135	1.58	V
					Piede	8.0	-17133	1728	0	-17134	7143	0	4.13	V
						8.0	-15293	0	-6066	-15294	0	-10596	1.75	V
43	15	231	Piano 1	2	Testa	20.1	-36909	-1031	0	-36908	-16031	0	15.55	V
						20.1	-31171	0	-6128	-31171	0	-27043	4.41	V
					Piede	20.1	-18852	-4347	0	-18853	-13316	0	3.06	V
						20.1	-33455	0	9597	-33455	0	27555	2.87	V
44	15	399	Piano 2	7	Testa	12.1	-22121	-516	0	-22122	-9901	0	19.19	V
						12.1	-13141	0	2378	-13142	0	13083	5.50	V
					Piede	12.1	-24266	959	0	-24267	10246	0	10.68	V
						12.1	-14899	0	-2276	-14900	0	-13509	5.94	V
45	15	564	Piano 3	7	Testa	8.0	-9809	-3252	0	-9810	-5933	0	1.82	V

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			o 3											
						8.0	-4041	0	3302	-4041	0	7629	2.31	V
					Piede	8.0	-11567	1361	0	-11568	6225	0	4.57	V
						8.0	-5799	0	-2694	-5800	0	-8095	3.00	V
46	16	232	Piano 1	10	Testa	20.1	-31235	1222	0	-31235	15231	0	12.46	V
						20.1	-50032	0	-6870	-50032	0	-30644	4.46	V
					Piede	20.1	-33066	3785	0	-33066	15494	0	4.09	V
						20.1	-52041	0	11231	-52041	0	30966	2.76	V
47	16	400	Piano 2	7	Testa	12.1	-20055	959	0	-20054	9566	0	9.98	V
						12.1	-25093	0	3690	-25093	0	15837	4.29	V
					Piede	12.1	-37634	-1345	0	-37633	-12316	0	9.15	V
						12.1	-26851	0	-3684	-26851	0	-16215	4.40	V
48	16	565	Piano 3	21	Testa	8.0	-15976	4309	0	-15976	6729	0	1.56	V
						8.0	-10328	0	3800	-10327	0	9143	2.41	V
					Piede	8.0	-17734	-1561	0	-17734	-7006	0	4.49	V
						8.0	-13055	0	3171	-13055	0	9837	3.10	V
52	18	237	Piano 1	2	Testa	20.1	-6971	-723	0	-6970	-11395	0	15.76	V
						20.1	-6971	0	6375	-6970	0	20900	3.28	V
					Piede	20.1	-25663	2899	0	-25662	14396	0	4.97	V
						20.1	-8964	0	-6590	-8964	0	-21456	3.26	V
53	18	405	Piano 2	7	Testa	12.1	-14335	-376	0	-14334	-8633	0	22.94	V
						12.1	-5971	0	4837	-5971	0	11264	2.33	V
					Piede	12.1	-16093	759	0	-16093	8921	0	11.76	V
						12.1	-7704	0	-4576	-7703	0	-11712	2.56	V
54	18	570	Piano 3	21	Testa	8.0	-3436	3060	0	-3436	4694	0	1.53	V
						8.0	-1442	0	5386	-1442	0	6813	1.26	V
					Piede	8.0	-5194	-1065	0	-5194	-4984	0	4.68	V
						8.0	-3200	0	-5075	-3201	0	-7277	1.43	V
55	19	238	Piano 1	2	Testa	20.1	-37970	1292	0	-37969	16177	0	12.52	V
						20.1	-44461	0	-6992	-44462	0	-29739	4.25	V
					Piede	20.1	-52308	-4323	0	-52307	-17996	0	4.16	V
						20.1	-46470	0	11235	-46470	0	30067	2.68	V
56	19	406	Piano 2	7	Testa	12.1	-24635	918	0	-24634	10305	0	11.23	V
						12.1	-27614	0	3741	-27613	0	16377	4.38	V
					Piede	12.1	-32960	-1400	0	-32960	-11625	0	8.30	V
						12.1	-29372	0	-3699	-29372	0	-16745	4.53	V
57	19	571	Piano 3	21	Testa	8.0	-13585	4040	0	-13585	6347	0	1.57	V
						8.0	-10955	0	-3599	-10955	0	-9306	2.59	V
					Piede	8.0	-15343	-1471	0	-15343	-6628	0	4.50	V
						8.0	-12713	0	3232	-12714	0	9753	3.02	V
64	22	247	Piano 1	2	Testa	20.1	-30096	1336	0	-30096	15066	0	11.28	V
						20.1	-38224	0	-7021	-38223	0	-28586	4.07	V
					Piede	20.1	-32105	3506	0	-32105	15357	0	4.38	V
						20.1	-40233	0	10829	-40233	0	29005	2.68	V
65	22	415	Piano 2	7	Testa	12.1	-19282	833	0	-19281	9440	0	11.34	V
						12.1	-29802	0	-3989	-29802	0	-16834	4.22	V
					Piede	12.1	-39613	-1512	0	-39613	-12598	0	8.33	V
						12.1	-31560	0	3717	-31560	0	17193	4.63	V
66	22	580	Piano 3	21	Testa	8.0	-16756	4112	0	-16757	6852	0	1.67	V
						8.0	-12507	0	-4653	-12507	0	-9702	2.09	V
					Piede	8.0	-18532	-1501	0	-18533	-7127	0	4.75	V
						8.0	-14265	0	3860	-14266	0	10131	2.62	V
70	24	252	Piano 1	2	Testa	20.1	-18795	-2910	0	-18795	-13307	0	4.57	V
						20.1	-23051	0	-5320	-23051	0	-25128	4.72	V
					Piede	20.1	-20804	5168	0	-20802	13627	0	2.64	V
						20.1	-25060	0	8262	-25061	0	25616	3.10	V
71	24	420	Piano 2	7	Testa	12.1	-16663	-2673	0	-16664	-9014	0	3.37	V
						12.1	-15781	0	-2661	-15780	0	-13719	5.16	V
					Piede	12.1	-16021	2802	0	-16021	8909	0	3.18	V

						12.1	-17539	0	2453	-17539	0	14134	5.76	V
72	24	585	Piano 3	21	Testa	8.0	-7362	3699	0	-7362	5339	0	1.44	V
						8.0	-4193	0	-3907	-4192	0	-7538	1.93	V
					Piede	8.0	-9120	-2449	0	-9120	-5626	0	2.30	V
						8.0	-5951	0	2967	-5951	0	8000	2.70	V
73	25	253	Piano 1	2	Testa	20.1	-38481	1249	0	-38480	16246	0	13.00	V
						20.1	-61292	0	-8036	-61293	0	-32416	4.03	V
					Piede	20.1	-40992	3771	0	-40993	16582	0	4.40	V
						20.1	-63301	0	11645	-63301	0	32721	2.81	V
74	25	421	Piano 2	7	Testa	12.1	-42281	1522	0	-42282	12968	0	8.52	V
						12.1	-42092	0	-5421	-42092	0	-19201	3.54	V
					Piede	12.1	-47039	-2138	0	-47038	-13602	0	6.36	V
						12.1	-43850	0	4892	-43851	0	19512	3.99	V
75	25	586	Piano 3	21	Testa	8.0	-19157	5675	0	-19156	7219	0	1.27	V
						8.0	-25997	0	-4543	-25997	0	-12662	2.79	V
					Piede	8.0	-20915	-1999	0	-20915	-7472	0	3.74	V
						8.0	-27755	0	4583	-27756	0	12992	2.83	V
77	26	254	Piano 1	2	Testa	20.1	-51933	-873	0	-51932	-17951	0	20.57	V
						20.1	-32077	0	-6217	-32077	0	-27247	4.38	V
					Piede	20.1	-42183	4259	0	-42182	16738	0	3.93	V
						20.1	-34086	0	8962	-34086	0	27694	3.09	V
78	26	422	Piano 2	7	Testa	12.1	-36644	-1425	0	-36644	-12174	0	8.54	V
						12.1	-21097	0	-8710	-21096	0	-14952	1.72	V
					Piede	12.1	-29188	2135	0	-29187	11031	0	5.17	V
						12.1	-22855	0	6060	-22855	0	15346	2.53	V
79	26	587	Piano 3	7	Testa	8.0	-18399	-3391	0	-18400	-7350	0	2.17	V
						8.0	-19704	0	-6329	-19705	0	-11742	1.86	V
					Piede	8.0	-20157	1330	0	-20156	7636	0	5.74	V
						8.0	-21462	0	7330	-21462	0	12194	1.66	V
82	27	423	Piano 2	7	Testa	12.1	-52502	-6395	0	-52502	-14287	0	2.23	V
						12.1	-42372	0	-4192	-42372	0	-19251	4.59	V
					Piede	12.1	-54260	6672	0	-54259	14499	0	2.17	V
						12.1	-44130	0	2549	-44130	0	19561	7.67	V
84	27	650	Piano 4	21	Testa	8.0	-1141	-1601	0	-1140	-4316	0	2.70	V
						8.0	1368	0	-2626	1367	0	-6070	2.31	V
					Piede	8.0	-2659	2152	0	-2660	4566	0	2.12	V
						8.0	-150	0	1830	-149	0	6471	3.54	V
88	28	651	Piano 4	3	Testa	20.1	-14895	-2899	0	-14895	-13214	0	4.56	V
						20.1	-14001	0	-16427	-14000	0	-50362	3.07	V
					Piede	20.1	-19970	3397	0	-19970	14058	0	4.14	V
						20.1	-3419	0	11818	-3418	0	43461	3.68	V
89	29	263	Piano 1	2	Testa	20.1	-28040	-5491	0	-28039	-14762	0	2.69	V
						20.1	-63498	0	-3778	-63497	0	-32751	8.67	V
					Piede	20.1	-30049	6838	0	-30048	15059	0	2.20	V
						20.1	-44025	0	-8794	-44024	0	-29667	3.37	V
91	29	593	Piano 3	21	Testa	8.0	-27465	5722	0	-27465	8340	0	1.46	V
						8.0	-26572	0	-3415	-26573	0	-12772	3.74	V
					Piede	8.0	-29223	-6065	0	-29223	-8553	0	1.41	V
						8.0	-28330	0	2318	-28329	0	13097	5.65	V
92	29	652	Piano 4	21	Testa	24.1	-10109	6810	0	-10109	12885	0	1.89	V
						24.1	-10861	0	-7362	-10860	0	-20248	2.75	V
					Piede	24.1	-12450	12277	0	-12450	13071	0	1.06	V
						24.1	-11699	0	-6618	-11699	0	-20351	3.08	V
95	30	594	Piano 3	10	Testa	8.0	-31769	-7631	0	-31769	-9590	0	1.26	V
						8.0	-30550	0	-4005	-30550	0	-17111	4.27	V
					Piede	8.0	-33820	6034	0	-33820	9915	0	1.64	V
						8.0	-32601	0	2603	-32601	0	17684	6.79	V
96	30	653	Piano 4	10	Testa	8.0	-20810	-4245	0	-20810	-7818	0	1.84	V

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						8.0	-15001	0	-6985	-15001	0	-12458	1.78	V
					Piede	8.0	-22021	4495	0	-22021	8016	0	1.78	V
						8.0	-16212	0	4194	-16213	0	12835	3.06	V
97	31	265	Piano 1	2	Testa	20.1	-33342	5947	0	-33342	15533	0	2.61	V
						20.1	-35826	0	-4197	-35827	0	-28074	6.69	V
					Piede	20.1	-35351	-6120	0	-35351	-15816	0	2.58	V
						20.1	-37835	0	6347	-37835	0	28504	4.49	V
98	31	430	Piano 2	7	Testa	12.1	-30047	-6263	0	-30048	-11167	0	1.78	V
						12.1	-24841	0	-3125	-24841	0	-15782	5.05	V
					Piede	12.1	-31805	7016	0	-31805	11444	0	1.63	V
						12.1	-26599	0	2982	-26599	0	16161	5.42	V
100	31	654	Piano 4	21	Testa	8.0	-7244	-1049	0	-7244	-5320	0	5.07	V
						8.0	-6588	0	2463	-6589	0	8167	3.32	V
					Piede	8.0	-8762	1735	0	-8762	5567	0	3.21	V
						8.0	-11790	0	1713	-11791	0	9522	5.56	V
104	32	655	Piano 4	7	Testa	8.0	-13837	-1078	0	-13837	-6600	0	6.12	V
						8.0	521	0	-3277	522	0	-6416	1.96	V
					Piede	8.0	-15937	1333	0	-15937	6946	0	5.21	V
						8.0	-1579	0	1879	-1580	0	6975	3.71	V
105	33	270	Piano 1	2	Testa	20.1	-37574	1252	0	-37573	16123	0	12.88	V
						20.1	-57317	0	-7409	-57318	0	-31800	4.29	V
					Piede	20.1	-42298	4500	0	-42298	16754	0	3.72	V
						20.1	-59326	0	11291	-59325	0	32113	2.84	V
106	33	435	Piano 2	7	Testa	12.1	-53509	2389	0	-53508	14409	0	6.03	V
						12.1	-40179	0	-7099	-40179	0	-18855	2.66	V
					Piede	12.1	-57981	-3159	0	-57981	-14930	0	4.73	V
						12.1	-41937	0	6617	-41938	0	19174	2.90	V
107	33	600	Piano 3	21	Testa	8.0	-33063	3313	0	-33064	8987	0	2.71	V
						8.0	-23602	0	-4113	-23602	0	-12192	2.96	V
					Piede	8.0	-34821	-1627	0	-34821	-9172	0	5.64	V
						8.0	-25360	0	4817	-25360	0	12540	2.60	V
108	33	656	Piano 4	21	Testa	24.1	-11055	8390	0	-11055	12960	0	1.54	V
						24.1	-12384	0	-8461	-12383	0	-20435	2.42	V
					Piede	24.1	-11355	-6892	0	-11355	-12984	0	1.88	V
						24.1	-12684	0	6329	-12683	0	20472	3.23	V
109	34	271	Piano 1	2	Testa	20.1	-34460	-1107	0	-34460	-15691	0	14.17	V
						20.1	-40894	0	12102	-40893	0	29141	2.41	V
					Piede	20.1	-36469	5318	0	-36469	15971	0	3.00	V
						20.1	-42903	0	-11603	-42902	0	-29482	2.54	V
110	34	436	Piano 2	7	Testa	12.1	-29889	-1885	0	-29889	-11142	0	5.91	V
						12.1	-33352	0	9417	-33353	0	17553	1.86	V
					Piede	12.1	-31647	2748	0	-31647	11419	0	4.15	V
						12.1	-35110	0	-8607	-35110	0	-17898	2.08	V
111	34	601	Piano 3	7	Testa	8.0	-25611	-5493	0	-25611	-8517	0	1.55	V
						8.0	-24031	0	-3758	-24032	0	-12839	3.42	V
					Piede	8.0	-27369	2353	0	-27370	8798	0	3.74	V
						8.0	-32326	0	-6019	-32326	0	-14802	2.46	V
112	34	657	Piano 4	21	Testa	8.0	-14920	-3815	0	-14920	-6561	0	1.72	V
						8.0	-11829	0	-2159	-11829	0	-9532	4.41	V
					Piede	8.0	-15526	3370	0	-15526	6657	0	1.98	V
						8.0	-12867	0	1398	-12868	0	9791	7.01	V
113	35	272	Piano 1	3	Testa	24.1	-30359	-10209	0	-30361	-17724	0	1.74	V
						24.1	-30359	0	9871	-30359	0	67550	6.84	V
					Piede	24.1	-34520	14337	0	-34517	18404	0	1.28	V
						24.1	-47296	0	-55861	-47297	0	-76998	1.38	V
115	35	602	Piano 3	3	Testa	20.1	-31267	-10444	0	-31267	-15923	0	1.52	V
						20.1	-22477	0	-15368	-22478	0	-55708	3.63	V
					Piede	20.1	-30897	-8858	0	-30894	-15862	0	1.79	V
						20.1	-29035	0	10192	-29035	0	59733	5.86	V

116	35	658	Pian o 4	3	Testa	20.1	-5273	-2956	0	-5274	-11608	0	3.93	V
						20.1	-15269	0	10458	-15269	0	51172	4.89	V
					Piede	20.1	-7988	4155	0	-7989	12062	0	2.90	V
						20.1	-8941	0	-18503	-8942	0	-47094	2.55	V
120	36	659	Pian o 4	21	Testa	8.0	-12399	-890	0	-12399	-6157	0	6.92	V
						8.0	-1255	0	1231	-1256	0	6764	5.50	V
					Piede	8.0	-12120	1081	0	-12121	6112	0	5.65	V
						8.0	-4437	0	1006	-4437	0	7602	7.56	V
121	37	277	Pian o 1	9	Testa	12.1	565	2351	0	565	6022	0	2.56	V
						12.1	6770	0	1399	6770	0	5012	3.58	V
					Piede	12.1	-535	-2789	0	-536	-6203	0	2.22	V
						12.1	-917	0	-1407	-918	0	-6266	4.45	V
122	37	442	Pian o 2	9	Testa	12.1	-18	3055	0	-17	6118	0	2.00	V
						12.1	-2887	0	1786	-2887	0	6583	3.69	V
					Piede	12.1	-1190	-3465	0	-1191	-6310	0	1.82	V
						12.1	-4059	0	-1746	-4059	0	-6771	3.88	V
124	37	660	Pian o 4	9	Testa	12.1	-6013	907	0	-6014	7099	0	7.82	V
						12.1	-4664	0	1603	-4665	0	6868	4.28	V
					Piede	12.1	-7073	-1567	0	-7073	-7271	0	4.64	V
						12.1	-5724	0	-1474	-5724	0	-7037	4.77	V
125	38	278	Pian o 1	9	Testa	12.1	1268	2527	0	1269	5907	0	2.34	V
						12.1	-19036	0	1628	-19035	0	8987	5.52	V
					Piede	12.1	120	-2812	0	119	-6096	0	2.17	V
						12.1	-20184	0	-1352	-20183	0	-9136	6.76	V
126	38	443	Pian o 2	9	Testa	12.1	-3851	4269	0	-3850	6746	0	1.58	V
						12.1	-7171	0	-1981	-7171	0	-7266	3.67	V
					Piede	12.1	-849	-4159	0	-850	-6255	0	1.50	V
						12.1	-16511	0	-2103	-16511	0	-8651	4.11	V
127	38	608	Pian o 3	9	Testa	12.1	-4683	4023	0	-4682	6882	0	1.71	V
						12.1	-7592	0	2227	-7592	0	7333	3.29	V
					Piede	12.1	-5855	-3936	0	-5854	-7073	0	1.80	V
						12.1	-8764	0	-2286	-8764	0	-7517	3.29	V
128	38	661	Pian o 4	9	Testa	12.1	-3189	-680	0	-3191	-6638	0	9.76	V
						12.1	-1482	0	1417	-1482	0	6357	4.49	V
					Piede	12.1	-4589	677	0	-4589	6866	0	10.14	V
						12.1	-2882	0	-1511	-2882	0	-6583	4.36	V
144	42	665	Pian o 4	21	Testa	12.1	-3599	-606	0	-3600	-6672	0	11.01	V
						12.1	-2901	0	2184	-2901	0	10257	4.70	V
					Piede	12.1	-5001	-562	0	-5000	-6901	0	12.29	V
						12.1	-7330	0	-1487	-7330	0	-11270	7.58	V

1.1.2.1.2 Verifica Flessione Composta Deviata Pilastrì con Ringrossi in CA - SLV

Pilastro : numerazione del pilastro (interna alla relazione di calcolo);
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Filo : filo fisso dell'asta considerata (numerazione corrispondente con elaborati grafici esecutivi);
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Pos. : Posizione misurata lungo l'asse dell'asta
 Cons : nome consolidamento applicato alla sezione
 Aftot : area totale di armature presente nella sezione consolidata;
 AfRinf : area totale di armature di rinforzo presente nel consolidamento;
 fccd : Resistenza di calcolo del calcestruzzo;
 eccu : deformazione ultima del calcestruzzo di calcolo;
 CC : indice della combinazione di carico più gravosa

Azioni Sollecitanti:

N_{Sd} : Sforzo Normale Sollecitante;

TABULATI DI CALCOLO

M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Azioni Resistenti:

N_{Rd} : Sforzo Normale Resistente;
 M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
 M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

C : campo di rottura
S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA; NV = NON VERIFICATA;

Tabella 3.I

Pilastro	Filo	Asta	Imp.	Tipo Sez.	Pos.	Cons	Aftot [cm ²]	AfRi nf [cm ²]	fced [cm ²]	gccu [cm ²]	CC	Azioni Sollecitanti			Azioni Resistenti			C	S	Esito
												N_{sd} [daN]	M_{sdxz} [daNm]	M_{sdy} [daNm]	N_{rd} [daN]	M_{rdxz} [daNm]	M_{rdy} [daNm]			
1	1	211	Piano 1	29	Testa	AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	9	-93758	19991	34	-93757	134884	0	3	6.75	V
						AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	1	-1910	-16759	-7007	-1910	0	-176654	2	25.21	V
					Piede	AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	12	-6932	38154	33975	-6934	120849	0	2	3.17	V
						AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	1	-29935	25128	35400	-29935	0	184222	2	5.20	V
2	1	379	Piano 2	30	Testa	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	9	-57866	22204	433	-57866	124048	0	3	5.59	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	-14701	-10324	-6859	-14704	0	-153626	2	22.40	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	19	-66789	-23693	1222	-66789	-125476	0	3	5.30	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	-19316	9933	5100	-19314	0	154721	2	30.34	V
3	1	544	Piano 3	31	Testa	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	19	-22987	33078	657	-22987	114279	0	3	3.45	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	1762	-26568	-8413	1760	0	-144768	2	17.21	V
					Piede	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	19	-27602	-28181	-1610	-27602	-115027	0	3	4.08	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	-2853	22913	5718	-2853	0	145863	2	25.51	V
4	2	212	Piano 1	39	Testa	DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	12	255219	-28336	-17464	255219	-161112	0	2	5.69	V
						DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	1	255219	-28336	-17464	255212	0	-237518	2	13.60	V
					Piede	DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	12	459797	61132	47035	459797	108341	0	2	1.77	V
						DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	1	459797	61132	47035	459796	0	159770	2	3.40	V
5	2	380	Piano 2	30	Testa	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	12	33634	-21786	-15584	33635	-107556	0	2	4.94	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	33634	-21786	-15584	33634	0	-141228	2	9.06	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	18	148875	21165	7991	148874	80686	0	2	3.81	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	151309	20558	11562	151312	0	104860	2	9.07	V
6	2	545	Piano 3	30	Testa	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	18	-22094	-32892	-8228	-22096	-118176	0	2	3.59	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	-23668	-32005	-9525	-23668	0	-155748	2	16.35	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	18	70006	25087	11896	70005	99928	0	2	3.98	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	65580	24582	15108	65579	0	132277	2	8.76	V
7	3	216	Piano 1	39	Testa	DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	9	329511	11968	58	329518	142363	0	2	11.89	V
						DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	1	161686	3102	-6045	161686	0	-267105	2	44.19	V
					Piede	DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	9	538750	-60996	-39639	538747	-87253	0	2	1.43	V

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						DEFAULT_002	225.19	201.06	130.79	0.0035	1	538750	-60996	-39639	538750	0	-129048	2	3.26	V
8	3	384	Piano 2	30	Testa	AP DEFAULT_001	116.62	104.55	131.30	0.0035	19	71264	3182	-1399	71266	99657	0	2	31.32	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	-48530	-1824	-4093	-48530	0	-161324	3	39.41	V
					Piede	AP DEFAULT_001	116.62	104.55	131.30	0.0035	19	159176	-10469	-998	159176	-77981	0	2	7.45	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	159627	-9348	-1567	159629	0	-102017	2	65.12	V
9	3	549	Piano 3	31	Testa	AP DEFAULT_001	112.59	104.55	111.08	0.0035	18	-13227	-2119	-114	-13228	-112685	0	3	53.18	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-6280	-408	-6786	-6280	0	-146672	2	21.62	V
					Piede	AP DEFAULT_001	112.59	104.55	111.08	0.0035	9	65808	2243	-1454	65807	97418	0	2	43.43	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	41933	796	5428	41932	0	134421	2	24.76	V
49	17	233	Piano 1	29	Testa	AP DEFAULT_001	124.66	104.55	130.79	0.0035	20	-38249	-5394	5319	-38250	-126208	0	3	23.40	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	18078	-1492	22517	18079	0	170945	2	7.59	V
					Piede	AP DEFAULT_001	124.66	104.55	130.79	0.0035	19	-21349	-24811	-11797	-21348	-123407	0	2	4.97	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	60274	-3610	-38904	60274	0	-157927	2	4.06	V
50	17	401	Piano 2	30	Testa	AP DEFAULT_001	116.62	104.55	131.30	0.0035	19	-29040	-4556	9761	-29042	-119345	0	3	26.20	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	2692	-1875	24135	2693	0	149422	2	6.19	V
					Piede	AP DEFAULT_001	116.62	104.55	131.30	0.0035	17	-49421	5317	3108	-49422	122684	0	3	23.07	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	33592	-2374	-24050	33591	0	-141240	2	5.87	V
51	17	566	Piano 3	30	Testa	AP DEFAULT_001	112.59	104.55	131.30	0.0035	18	-13435	-21123	-5169	-13437	-114630	0	2	5.43	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	-22598	9029	30118	-22597	0	152671	2	5.07	V
					Piede	AP DEFAULT_001	112.59	104.55	131.30	0.0035	18	-25257	4498	5085	-25259	116761	0	2	25.96	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	14464	-2820	-26063	14461	0	-143215	2	5.49	V
58	20	239	Piano 1	29	Testa	AP DEFAULT_001	124.66	104.55	130.79	0.0035	20	-36632	-6795	505	-36633	-125942	0	3	18.54	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	10761	-636	7385	10761	0	173102	2	23.44	V
					Piede	AP DEFAULT_001	124.66	104.55	130.79	0.0035	19	-39975	-30875	-15438	-39974	-126491	0	3	4.10	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	304	612	-52727	303	0	-176044	2	3.34	V
59	20	407	Piano 2	30	Testa	AP DEFAULT_001	116.62	104.55	131.30	0.0035	19	-24594	-5384	2517	-24593	-118609	0	3	22.03	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	-3127	-1383	9043	-3127	0	150841	2	16.68	V
					Piede	AP DEFAULT_001	116.62	104.55	131.30	0.0035	17	-30641	5416	1602	-30640	119609	0	3	22.09	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	-4573	-2900	-6805	-4572	0	-151192	2	22.22	V
60	20	572	Piano 3	30	Testa	AP DEFAULT_001	112.59	104.55	131.30	0.0035	18	-739	-25336	-2369	-738	-112246	0	2	4.43	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	-5056	9505	5790	-5054	0	148396	2	25.63	V
					Piede	AP DEFAULT_001	112.59	104.55	131.30	0.0035	18	-9996	4693	2171	-9998	114003	0	2	24.29	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	-12272	-2698	-4828	-12274	0	-150174	2	31.10	V
61	21	243	Piano 1	39	Testa	DEFAULT_002	225.19	201.06	130.79	0.0035	17	239510	8233	70	239514	164775	0	2	20.01	V

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						DEFAULT_002	225.19	201.06	130.79	0.0035	1	123818	-385	12973	123817	0	278055	2	21.43	V
					Piede	DEFAULT_002	225.19	201.06	130.79	0.0035	16	399407	42608	-10606	399402	124194	0	2	2.91	V
						DEFAULT_002	225.19	201.06	130.79	0.0035	1	181471	22368	-35686	181470	0	-261070	2	7.32	V
62	21	411	Piano 2	30	Testa	AP DEFAULT_001	116.62	104.55	131.30	0.0035	15	33846	-6936	4839	33847	-107513	0	2	15.50	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	13205	-3175	8167	13206	0	146748	2	17.97	V
					Piede	AP DEFAULT_001	116.62	104.55	131.30	0.0035	15	159261	9756	-3911	159260	77959	0	2	7.99	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	68478	3779	-8604	68477	0	-131445	2	15.28	V
63	21	576	Piano 3	31	Testa	AP DEFAULT_001	112.59	104.55	111.08	0.0035	19	25487	39948	6075	25487	105726	0	2	2.65	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-28956	-18514	-17006	-28956	0	-151813	3	8.93	V
					Piede	AP DEFAULT_001	112.59	104.55	111.08	0.0035	15	34882	-6556	-9157	34881	-103834	0	2	15.84	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	25199	-2622	-14624	25197	0	-138942	2	9.50	V
67	23	248	Piano 1	29	Testa	AP DEFAULT_001	124.66	104.55	130.79	0.0035	20	-95324	-8446	-1811	-95323	-135108	0	3	16.00	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	117100	-1124	-6408	117105	0	-138866	2	21.67	V
					Piede	AP DEFAULT_001	124.66	104.55	130.79	0.0035	22	30872	-29715	18379	30875	-113632	0	2	3.82	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	200259	-11903	49760	200261	0	107551	2	2.16	V
68	23	416	Piano 2	30	Testa	AP DEFAULT_001	116.62	104.55	131.30	0.0035	19	-60512	-5246	1932	-60513	-124473	0	3	23.73	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	12362	-224	-21265	12360	0	-146968	2	6.91	V
					Piede	AP DEFAULT_001	116.62	104.55	131.30	0.0035	17	6876	7763	4255	6878	112916	0	2	14.55	V
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	101335	4208	10786	101335	0	121478	2	11.26	V
69	23	581	Piano 3	30	Testa	AP DEFAULT_001	112.59	104.55	131.30	0.0035	15	-8662	-27331	310	-8662	-113758	0	2	4.16	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	-43163	-6512	-31522	-43162	0	-157524	2	5.00	V
					Piede	AP DEFAULT_001	112.59	104.55	131.30	0.0035	16	-21251	4287	666	-21251	116043	0	2	27.07	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	28891	212	19701	28890	0	139260	2	7.07	V
76	25	648	Piano 4	34	Testa	AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	21	-10525	12918	-1175	-10526	30492	0	3	2.36	V
						AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	1	-8008	7693	-6784	-8007	0	-93420	2	13.77	V
					Piede	AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	13	-9373	-14936	4460	-9372	-30383	0	3	2.03	V
						AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	1	-11253	7092	-7073	-11253	0	-94678	2	13.39	V
80	26	649	Piano 4	31	Testa	AP DEFAULT_001	112.59	104.55	111.08	0.0035	8	2203	-17872	3158	2204	-110045	0	2	6.16	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-23008	3658	-8352	-23007	0	-150523	3	18.02	V
					Piede	AP DEFAULT_001	112.59	104.55	111.08	0.0035	8	-521	20132	-15038	-521	110529	0	2	5.49	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-25732	-5218	28443	-25732	0	151115	3	5.31	V
81	27	255	Piano 1	39	Testa	DEFAULT_002	225.19	201.06	130.79	0.0035	15	9253	-27110	-740	9257	-206140	0	3	7.60	V
						DEFAULT_002	225.19	201.06	130.79	0.0035	1	-24983	-7156	-8675	-24981	0	-313533	3	36.14	V
					Piede	DEFAULT_002	225.19	201.06	130.79	0.0035	17	289954	57256	12588	289953	152453	0	2	2.66	V
						DEFAULT_002	225.19	201.06	130.79	0.0035	1	74917	20046	35659	74915	0	291172	2	8.17	V
83	27	588	Piano	31	Testa	AP	112.5	104.5	111.0	0.003	17	-43762	-38069	-12662	-43760	-117616	0	3	3.09	V

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			3			DEFAULT_001	9	5	8	5										
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	-21559	-16747	-22492	-21559	0	-150207	3	6.68	V
					Piede	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	17	-48377	34589	15745	-48378	118346	0	3	3.42	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	-26173	15514	24538	-26173	0	151211	3	6.16	V
85	28	259	Piano 1	40	Testa	SOLO BASE 30	154.6 9	106.4 4	122.4 3	0.003 5	20	-19830	11586	-6165	-19832	71886	0	3	6.20	V
						SOLO BASE 30	154.6 9	106.4 4	122.4 3	0.003 5	1	95466	-121	-22853	95466	0	-398664	2	17.44	V
					Piede	SOLO BASE 30	154.6 9	106.4 4	122.4 3	0.003 5	22	285192	-23341	33804	285199	-39467	0	2	1.69	V
						SOLO BASE 30	154.6 9	106.4 4	122.4 3	0.003 5	1	214280	-8011	168252	214279	0	299456	2	1.78	V
86	28	424	Piano 2	36	Testa	AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	17	-43744	-14884	-22940	-43741	-41900	0	2	2.82	V
						AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	1	-8654	-7599	-26624	-8655	0	-205073	2	7.70	V
					Piede	AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	17	4674	14694	20395	4677	36338	0	2	2.47	V
						AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	1	63788	6865	22073	63787	0	150564	2	6.82	V
87	28	589	Piano 3	36	Testa	AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	17	-26451	-15065	-19416	-26455	-40019	0	2	2.66	V
						AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	1	-38509	-7823	-36384	-38509	0	-226973	2	6.24	V
					Piede	AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	17	-5176	14262	5753	-5177	37556	0	2	2.63	V
						AP DEFAULT_001_001	70.50	50.39	120.3 5	0.003 5	1	7562	511	20435	7562	0	193005	2	9.44	V
90	29	428	Piano 2	34	Testa	AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	22	-59480	14480	-7164	-59479	36110	0	3	2.49	V
						AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	1	-31651	-5515	10645	-31651	0	106468	2	10.00	V
					Piede	AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	22	-62410	-15063	6882	-62411	-36313	0	3	2.41	V
						AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	1	-34581	5556	-10923	-34581	0	-107412	2	9.83	V
93	30	264	Piano 1	29	Testa	AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	15	-60298	-20745	2710	-60298	-129791	0	3	6.26	V
						AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	1	-97050	-10905	6482	-97051	0	200241	3	30.89	V
					Piede	AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	15	-65320	39659	-12287	-65320	130597	0	3	3.29	V
						AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	1	-102072	18910	-32395	-102072	0	-201255	3	6.21	V
94	30	429	Piano 2	29	Testa	AP DEFAULT_001	116.6 2	104.5 5	130.7 9	0.003 5	15	-45196	-49733	749	-45199	-123515	0	3	2.48	V
						AP DEFAULT_001	116.6 2	104.5 5	130.7 9	0.003 5	1	-51667	-3954	-8278	-51668	0	-183503	2	22.17	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	130.7 9	0.003 5	15	-50324	46187	-531	-50323	124366	0	3	2.69	V
						AP DEFAULT_001	116.6 2	104.5 5	130.7 9	0.003 5	1	-56794	4211	7142	-56793	0	184835	3	25.88	V
99	31	595	Piano 3	31	Testa	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	15	-13744	-41724	730	-13745	-112769	0	3	2.70	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	-14817	-4337	-19648	-14816	0	-148666	2	7.57	V
					Piede	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	22	-27992	-44644	1189	-27992	-115090	0	3	2.58	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	-19321	5008	20356	-19323	0	149708	2	7.35	V
101	32	266	Piano 1	28	Testa	AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	15	-53060	-5623	3347	-53059	-38959	0	3	6.93	V
						AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	1	23887	-87	12369	23887	0	104648	2	8.46	V
					Piede	AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	20	33124	-7255	-10396	33123	-31215	0	2	4.30	V

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						001_001	70.50	50.39	124.3	0.003	1	65858	-803	-26772	65858	0	-86596	2	3.23	V
						AP DEFAULT_001_001	70.50	50.39	124.3	0.003	1	65858	-803	-26772	65858	0	-86596	2	3.23	V
102	32	431	Piano 2	35	Testa	AP DEFAULT_001_001	62.45	50.39	93.50	0.003	15	-31450	-11262	2	-31450	-32050	0	3	2.85	V
						AP DEFAULT_001_001	62.45	50.39	93.50	0.003	1	-11739	-2050	-15196	-11740	0	-98990	2	6.51	V
					Piede	AP DEFAULT_001_001	62.45	50.39	93.50	0.003	15	-35105	11067	2029	-35105	32266	0	3	2.92	V
						AP DEFAULT_001_001	62.45	50.39	93.50	0.003	1	42117	-642	-12874	42118	0	-78325	2	6.08	V
103	32	596	Piano 3	35	Testa	AP DEFAULT_001_001	58.43	50.39	93.50	0.003	15	-15649	-10318	2670	-15650	-29200	0	3	2.83	V
						AP DEFAULT_001_001	58.43	50.39	93.50	0.003	1	14898	-2033	-16241	14898	0	-84338	2	5.19	V
					Piede	AP DEFAULT_001_001	58.43	50.39	93.50	0.003	15	-7486	10398	-2069	-7485	28595	0	3	2.75	V
						AP DEFAULT_001_001	58.43	50.39	93.50	0.003	1	5361	-392	-12654	5362	0	-88061	2	6.96	V
114	35	437	Piano 2	40	Testa	SOLO BASE 30	126.5	106.4	122.4	0.003	20	-55895	22450	21222	-55894	65537	0	3	2.92	V
						SOLO BASE 30	126.5	106.4	122.4	0.003	1	-45322	12602	29754	-45322	0	449536	2	15.11	V
					Piede	SOLO BASE 30	126.5	106.4	122.4	0.003	17	-47759	22942	5293	-47762	64935	0	3	2.83	V
						SOLO BASE 30	126.5	106.4	122.4	0.003	1	-50850	-11927	-9105	-50850	0	-453611	2	49.82	V
117	36	273	Piano 1	28	Testa	AP DEFAULT_001_001	70.50	50.39	124.3	0.003	22	1417	7808	-3853	1417	34436	0	3	4.41	V
						AP DEFAULT_001_001	70.50	50.39	124.3	0.003	1	46035	4024	-6559	46035	0	-95157	2	14.51	V
					Piede	AP DEFAULT_001_001	70.50	50.39	124.3	0.003	22	8824	-11050	5227	8824	-33718	0	3	3.05	V
						AP DEFAULT_001_001	70.50	50.39	124.3	0.003	1	91894	-5690	27609	91894	0	75262	2	2.73	V
118	36	438	Piano 2	28	Testa	AP DEFAULT_001_001	70.50	50.39	124.3	0.003	17	-37117	-13654	-11261	-37118	-37745	0	3	2.76	V
						AP DEFAULT_001_001	70.50	50.39	124.3	0.003	1	-13760	-7904	-14837	-13760	0	-120023	2	8.09	V
					Piede	AP DEFAULT_001_001	70.50	50.39	124.3	0.003	17	-6772	14115	5055	-6773	35220	0	3	2.50	V
						AP DEFAULT_001_001	70.50	50.39	124.3	0.003	1	27953	8116	6584	27952	0	102912	2	15.63	V
119	36	603	Piano 3	35	Testa	AP DEFAULT_001_001	58.43	50.39	93.50	0.003	20	6587	12065	9304	6586	27534	0	3	2.28	V
						AP DEFAULT_001_001	58.43	50.39	93.50	0.003	1	-36215	-7632	-17370	-36215	0	-102971	2	5.93	V
					Piede	AP DEFAULT_001_001	58.43	50.39	93.50	0.003	17	-8103	13779	6507	-8104	28641	0	3	2.08	V
						AP DEFAULT_001_001	58.43	50.39	93.50	0.003	1	6159	8281	11077	6157	0	87751	2	7.92	V
123	37	607	Piano 3	22	Testa	AP DEFAULT_001_001	80.42	68.36	115.4	0.003	20	1999	27996	16568	1999	77601	0	2	2.77	V
						AP DEFAULT_001_001	80.42	68.36	115.4	0.003	1	-578	17565	17263	-577	0	77148	2	4.47	V
					Piede	AP DEFAULT_001_001	80.42	68.36	115.4	0.003	20	-1590	-28068	-19522	-1591	-78277	0	2	2.79	V
						AP DEFAULT_001_001	80.42	68.36	115.4	0.003	1	-4167	-17688	-20311	-4166	0	-77823	2	3.83	V
129	39	279	Piano 1	29	Testa	AP DEFAULT_001_001	124.6	104.5	130.7	0.003	22	-107533	13797	1434	-107533	136849	0	3	9.92	V
						AP DEFAULT_001_001	124.6	104.5	130.7	0.003	1	-97856	-2251	5007	-97856	0	200404	3	40.03	V
					Piede	AP DEFAULT_001_001	124.6	104.5	130.7	0.003	15	-12896	36452	-16002	-12893	121913	0	2	3.34	V
						AP DEFAULT_001_001	124.6	104.5	130.7	0.003	1	-54645	-25949	33124	-54644	0	190514	3	5.75	V
130	39	444	Piano 2	30	Testa	AP DEFAULT_001_001	116.6	104.5	131.3	0.003	22	-70877	35276	-328	-70877	126124	0	3	3.58	V
						AP DEFAULT_001_001	116.6	104.5	131.3	0.003	1	-6879	-31683	5259	-6881	0	151750	2	28.85	V
					Piede	AP	116.6	104.5	131.3	0.003	22	-75492	-35788	1024	-75493	-126835	0	3	3.54	V

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						DEFAULT_001	2	5	0	5										
						AP DEFAULT_001	116.62	104.55	131.30	0.0035	1	-11493	31629	-6752	-11495	0	-152860	2	22.64	V
131	39	609	Piano 3	31	Testa	AP DEFAULT_001	112.59	104.55	111.08	0.0035	22	-33961	24712	-3924	-33959	116052	0	3	4.70	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-24826	-14835	19886	-24825	0	150918	3	7.59	V
					Piede	AP DEFAULT_001	112.59	104.55	111.08	0.0035	22	-38575	-24874	-2317	-38575	-116791	0	3	4.70	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-39073	448	-7514	-39074	0	-153988	3	20.49	V
132	39	662	Piano 4	34	Testa	AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	20	-14171	22932	7302	-14170	30836	0	3	1.34	V
						AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	1	-14035	18644	9023	-14034	0	95755	2	10.61	V
					Piede	AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	11	-5465	19613	-5003	-5465	30011	0	3	1.53	V
						AP DEFAULT_001_001	58.43	50.39	125.35	0.0035	1	-12744	-10639	11914	-12745	0	95256	2	8.00	V
133	40	280	Piano 1	39	Testa	DEFAULT_002	221.17	201.06	130.79	0.0035	15	240830	-18442	12733	240829	-161725	0	2	8.77	V
						DEFAULT_002	221.17	201.06	130.79	0.0035	1	135418	-14182	14970	135419	0	271362	2	18.13	V
					Piede	DEFAULT_002	221.17	201.06	130.79	0.0035	15	495219	62371	-17179	495219	95816	0	2	1.54	V
						DEFAULT_002	221.17	201.06	130.79	0.0035	1	308300	39763	-49664	308299	0	-213407	2	4.30	V
134	40	445	Piano 2	29	Testa	AP DEFAULT_001	128.68	104.55	130.79	0.0035	15	-57598	-40330	15165	-57595	-131261	0	3	3.25	V
						AP DEFAULT_001	128.68	104.55	130.79	0.0035	1	-54330	-23605	20045	-54331	0	193728	3	9.66	V
					Piede	AP DEFAULT_001	128.68	104.55	130.79	0.0035	15	260001	50841	-15808	260003	60747	0	2	1.19	V
						AP DEFAULT_001	128.68	104.55	130.79	0.0035	1	260001	50841	-15808	259998	0	-88853	2	5.62	V
135	40	610	Piano 3	29	Testa	AP DEFAULT_001	112.59	104.55	130.79	0.0035	22	103248	44563	-10597	103247	89533	0	2	2.01	V
						AP DEFAULT_001	112.59	104.55	130.79	0.0035	1	55769	25523	-15116	55768	0	-148090	2	9.80	V
					Piede	AP DEFAULT_001	112.59	104.55	130.79	0.0035	15	87453	24591	-18902	87457	93479	0	2	3.80	V
						AP DEFAULT_001	112.59	104.55	130.79	0.0035	1	87453	24591	-18902	87448	0	-137000	2	7.25	V
136	40	663	Piano 4	30	Testa	AP DEFAULT_001	112.59	104.55	131.30	0.0035	22	48854	-14241	2957	48851	-102007	0	2	7.16	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	-23998	-3337	8606	-23996	0	153006	2	17.78	V
					Piede	AP DEFAULT_001	112.59	104.55	131.30	0.0035	22	46129	26860	-10228	46127	102589	0	2	3.82	V
						AP DEFAULT_001	112.59	104.55	131.30	0.0035	1	23173	17680	-13310	23173	0	-140836	2	10.58	V
137	41	284	Piano 1	39	Testa	DEFAULT_002	221.17	201.06	130.79	0.0035	22	216555	22309	6535	216559	167113	0	2	7.49	V
						DEFAULT_002	221.17	201.06	130.79	0.0035	1	165090	16458	11757	165090	0	262595	2	22.34	V
					Piede	DEFAULT_002	221.17	201.06	130.79	0.0035	22	475916	-62818	9183	475922	-100945	0	2	1.61	V
						DEFAULT_002	221.17	201.06	130.79	0.0035	1	291897	-40249	42118	291901	0	219624	2	5.21	V
138	41	449	Piano 2	29	Testa	AP DEFAULT_001	136.72	104.55	130.79	0.0035	15	19297	-44366	-6943	19300	-122403	0	2	2.76	V
						AP DEFAULT_001	136.72	104.55	130.79	0.0035	1	-85335	38500	22346	-85334	0	206572	3	9.24	V
					Piede	AP DEFAULT_001	136.72	104.55	130.79	0.0035	22	264794	-55122	-14751	264797	-65850	0	2	1.19	V
						AP DEFAULT_001	136.72	104.55	130.79	0.0035	1	209186	-45477	-22676	209186	0	-117232	2	5.17	V
139	41	614	Piano 3	29	Testa	AP DEFAULT_001	112.59	104.55	130.79	0.0035	15	96779	-46206	-5502	96784	-91156	0	2	1.97	V
						AP DEFAULT_001	112.59	104.55	130.79	0.0035	1	72728	3839	-18366	72728	0	-142437	2	7.76	V

					Piede	AP DEFAULT_ 001	112.5 9	104.5 5	130.7 9	0.003 5	22	83996	-29233	-15107	83993	-94340	0	2	3.23	V
						AP DEFAULT_ 001	112.5 9	104.5 5	130.7 9	0.003 5	1	61753	-22776	-21811	61754	0	-146115	2	6.70	V
140	41	664	Piano 4	30	Testa	AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	15	53440	20964	1312	53438	101022	0	2	4.82	V
						AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	1	455	2776	5187	457	0	146972	2	28.34	V
					Piede	AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	15	49455	-28455	5192	49454	-101878	0	2	3.58	V
						AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	1	-50903	15064	-11307	-50902	0	-159254	3	14.08	V
141	42	288	Piano 1	28	Testa	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	22	49518	10820	-1322	49519	29347	0	2	2.71	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	-78466	-6759	5041	-78465	0	141042	3	27.98	V
					Piede	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	22	46361	-11234	3107	46363	-29733	0	2	2.65	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	11848	-6648	17736	11848	0	109771	2	6.19	V
142	42	453	Piano 2	34	Testa	AP DEFAULT_ 001_001	62.45	50.39	125.3 5	0.003 5	22	29672	18163	2131	29672	28233	0	2	1.55	V
						AP DEFAULT_ 001_001	62.45	50.39	125.3 5	0.003 5	1	18805	14395	4006	18804	0	87615	2	21.87	V
					Piede	AP DEFAULT_ 001_001	62.45	50.39	125.3 5	0.003 5	22	26742	-17809	-2533	26739	-28547	0	2	1.60	V
						AP DEFAULT_ 001_001	62.45	50.39	125.3 5	0.003 5	1	15875	-14099	-4113	15875	0	-88757	2	21.58	V
143	42	618	Piano 3	35	Testa	AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	22	4520	17258	1785	4519	29446	0	3	1.71	V
						AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	1	-14592	-1569	8415	-14592	0	99915	2	11.87	V
					Piede	AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	22	1590	-17540	-663	1589	-29668	0	3	1.69	V
						AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	1	-17522	1590	-5836	-17522	0	-100851	2	17.28	V

1.1.2.1.1.3 Capacità Deformazione - SLV

Pilastro	: numerazione interna del pilastro;
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Filo	: filo fisso al quale appartiene l'asta considerata;
Tipo Sez.	: tipo di sezione dell'asta considerata;
Num. Sez.	: sezione di verifica;
Num. CC	: numero della combinazione di carico;
Nsd	: Sforzo Normale Sollecitante;
Msd	: Momento Flettente;
Lv	: luce di taglio;
L_pl	: lunghezza di cerniera plastica;
Φy	: curvatura a snervamento;
Φu	: curvatura ultima;
θy	: capacità di rotazione totale rispetto alla corda a snervamento;
Domanda	: domanda di rotazione;
θu	: capacità di rotazione rispetto alla corda in condizioni di collasso;
S	: valore del coefficiente di sicurezza minimo della sezione;
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 4.I

Pilastr o	Ast a	Imp .	Filo	Tip o Sez.	Pos.	Dir.	Nu m. Sez.	Nu m. CC	Nsd [daN]	Msd [daNm]	Lv [cm]	L_pl [cm]	Φy [rad/cm]	Φu [rad/cm]	θy [rad]	Domanda [rad]	θu [rad]	S	Esit o
1	211	Pian	1	29	Testa	X	1	8	-93758	-19991	125	67	0.00004	0.00015	0.00498	0.00052	0.00516	9.93	V

141	288	Pian o 1	42	28	Testa	X	1	14	-11297 9	11157	172	66	0.00008	0.00021	0.00816	0.00044	0.00760	17.41	V
						Y	1	10	-25045	2883	64	67	0.00007	0.00027	0.00767	0.00020	0.00699	34.27	V
					Piede	X	2	14	-11613 6	-11246	175	66	0.00008	0.00021	0.00827	0.00044	0.00763	17.49	V
						Y	2	7	-81623	19353	264	87	0.00008	0.00023	0.01051	0.00014	0.01078	77.62	V
142	453	Pian o 2	42	34	Testa	X	1	14	-74844	18143	177	67	0.00008	0.00023	0.00801	0.00077	0.00819	10.66	V
						Y	1	9	-26570	-4721	197	79	0.00007	0.00027	0.00845	0.00021	0.01044	50.57	V
					Piede	X	2	14	-77774	-17936	176	67	0.00008	0.00023	0.00801	0.00077	0.00811	10.46	V
						Y	2	9	-29500	4109	156	75	0.00007	0.00026	0.00779	0.00021	0.00941	43.81	V
143	618	Pian o 3	42	35	Testa	X	1	14	-29293	17148	175	83	0.00008	0.00022	0.00868	0.00076	0.00872	11.45	V
						Y	1	9	-14592	-8415	206	96	0.00007	0.00023	0.00970	0.00021	0.01043	49.11	V
					Piede	X	2	14	-32223	-17459	178	83	0.00008	0.00021	0.00880	0.00071	0.00872	12.28	V
						Y	2	9	-17522	5836	147	90	0.00007	0.00022	0.00866	0.00022	0.00898	40.94	V
144	665	Pian o 4	42	21	Testa	X	1	21	-5230	-166	203	73	0.00006	0.00077	0.00722	0.00006	0.02099	327.80	V
						Y	1	13	-4648	-82	82	64	0.00006	0.00077	0.00583	0.00006	0.01434	239.44	V
					Piede	X	2	21	-7330	175	207	73	0.00006	0.00073	0.00743	0.00006	0.02039	330.69	V
						Y	2	8	-4875	140	81	64	0.00006	0.00077	0.00584	0.00011	0.01420	126.10	V

1.1.2.1.1.4 Verifiche Taglio - SLV

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Blocco:

1 : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
2 : tratto (mediano) nel quale le staffe vengono mantenute costanti;
3 : tratto (finale) nel quale le staffe vengono mantenute costanti;

Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;

cot(θ) : cotangente dell'angolo θ ;

Tagli Sollecitanti:

V_{sdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{sdXY} : valore del Taglio X-Y sollecitante di calcolo;
 Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Tagli Resistenti:

V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
 V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;

Nbr_X : numero di bracci di cui è composta la staffa in direzione X;

Nbr_Y : numero di bracci di cui è composta la staffa in direzione Y;

D_{Staffe} : interasse tra le staffe;

L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe} ;

S_{XY} : coefficiente di sicurezza relativo a V_{sdXY}

S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}

Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 5.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	AStaffe [cm²]	cot ØXY [°]	cot ØXZ [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
									Vsdxy [daN]	Vsdxz [daN]	Vrdxy [daN]	Vrdxz [daN]						
10	220	Piano 1	4	10	1	0.57	2.50	2.50	6302	2327	16577	9053	2	15.0 0	287. 00	2.63	3.89	V
11	388	Piano 2	4	7	1	0.57	2.50	2.50	3033	651	14069	9053	2	15.0 0	293. 00	4.64	13.9 1	V
12	553	Piano 3	4	21	1	0.57	2.50	2.50	3092	2167	14069	9053	2	15.0 0	293. 00	4.55	4.18	V
13	221	Piano 1	5	2	1	0.57	2.50	2.50	7964	2590	16577	9053	2	15.0 0	252. 00	2.08	3.50	V
14	389	Piano 2	5	7	1	0.57	2.50	2.50	5075	864	14069	9053	2	15.0 0	258. 00	2.77	10.4 8	V
15	554	Piano 3	5	7	1	0.57	2.50	2.50	3041	2228	14069	9053	2	15.0 0	293. 00	4.63	4.06	V
16	222	Piano 1	6	2	1	0.57	2.50	2.50	3216	1529	16577	9053	2	15.0 0	287. 00	5.15	5.92	V
17	390	Piano 2	6	7	1	0.57	2.50	2.50	1685	213	14069	9053	2	15.0 0	293. 00	8.35	42.4 7	V

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18	555	Piano 3	6	21	1	0.57	2.50	2.50	1993	1364	14069	9053	2	15.0 0	293. 00	7.06	6.64	V
19	223	Piano 1	7	10	1	0.57	2.50	2.50	6383	2129	16577	9053	2	15.0 0	287. 00	2.60	4.25	V
20	391	Piano 2	7	7	1	0.57	2.50	2.50	2600	697	14069	9053	2	15.0 0	293. 00	5.41	12.9 8	V
21	556	Piano 3	7	21	1	0.57	2.50	2.50	2624	2115	14069	9053	2	15.0 0	293. 00	5.36	4.28	V
22	224	Piano 1	8	2	1	0.57	2.50	2.50	5146	2507	16577	9053	2	15.0 0	287. 00	3.22	3.61	V
23	392	Piano 2	8	7	1	0.57	2.50	2.50	3223	1142	14069	9053	2	15.0 0	293. 00	4.36	7.93	V
24	557	Piano 3	8	7	1	0.57	2.50	2.50	2278	2285	14069	9053	2	15.0 0	293. 00	6.18	3.96	V
25	225	Piano 1	9	2	1	0.57	2.50	2.50	4784	2135	16577	9053	2	15.0 0	287. 00	3.46	4.24	V
26	393	Piano 2	9	7	1	0.57	2.50	2.50	1745	397	14069	9053	2	15.0 0	293. 00	8.06	22.7 9	V
27	558	Piano 3	9	21	1	0.57	2.50	2.50	2032	1584	14069	9053	2	15.0 0	293. 00	6.92	5.72	V
28	226	Piano 1	10	10	1	0.57	2.50	2.50	6498	2963	16577	9053	2	15.0 0	287. 00	2.55	3.06	V
29	394	Piano 2	10	7	1	0.57	2.50	2.50	2663	1914	14069	9053	2	15.0 0	293. 00	5.28	4.73	V
30	559	Piano 3	10	21	1	0.57	2.50	2.50	2413	2346	14069	9053	2	15.0 0	293. 00	5.83	3.86	V
31	227	Piano 1	11	2	1	0.57	2.50	2.50	5330	4815	16577	9053	2	15.0 0	252. 00	3.11	1.88	V
32	395	Piano 2	11	7	1	0.57	2.50	2.50	2441	4307	14069	9053	2	15.0 0	258. 00	5.76	2.10	V
33	560	Piano 3	11	7	1	0.57	2.50	2.50	2075	3263	14069	9053	2	15.0 0	293. 00	6.78	2.77	V
34	228	Piano 1	12	2	1	0.57	2.50	2.50	3516	3173	16577	9053	2	15.0 0	252. 00	4.71	2.85	V
35	396	Piano 2	12	7	1	0.57	2.50	2.50	1673	2944	14069	9053	2	15.0 0	258. 00	8.41	3.08	V
36	561	Piano 3	12	21	1	0.57	2.50	2.50	1754	2486	14069	9053	2	15.0 0	293. 00	8.02	3.64	V
37	229	Piano 1	13	10	1	0.57	2.50	2.50	6492	1940	16577	9053	2	15.0 0	287. 00	2.55	4.67	V
38	397	Piano 2	13	7	1	0.57	2.50	2.50	2587	707	14069	9053	2	15.0 0	293. 00	5.44	12.8 1	V
39	562	Piano 3	13	21	1	0.57	2.50	2.50	2454	2076	14069	9053	2	15.0 0	293. 00	5.73	4.36	V
40	230	Piano 1	14	2	1	0.57	2.50	2.50	7807	2051	16577	9053	2	15.0 0	252. 00	2.12	4.42	V
41	398	Piano 2	14	7	1	0.57	2.50	2.50	4803	716	14069	9053	2	15.0 0	258. 00	2.93	12.6 5	V
42	563	Piano 3	14	7	1	0.57	2.50	2.50	4254	1900	14069	9053	2	15.0 0	258. 00	3.31	4.77	V
43	231	Piano 1	15	2	1	0.57	2.50	2.50	5497	1750	16577	9053	2	15.0 0	287. 00	3.02	5.17	V
44	399	Piano 2	15	7	1	0.57	2.50	2.50	1594	455	14069	9053	2	15.0 0	293. 00	8.83	19.9 0	V
45	564	Piano 3	15	7	1	0.57	2.50	2.50	2046	1574	14069	9053	2	15.0 0	293. 00	6.88	5.75	V
46	232	Piano 1	16	10	1	0.57	2.50	2.50	6320	1805	16577	9053	2	15.0 0	287. 00	2.62	5.02	V
47	400	Piano 2	16	7	1	0.57	2.50	2.50	2513	686	14069	9053	2	15.0 0	293. 00	5.60	13.2 0	V
48	565	Piano 3	16	21	1	0.57	2.50	2.50	2408	1999	14069	9053	2	15.0 0	293. 00	5.84	4.53	V
52	237	Piano 1	18	2	1	0.57	2.50	2.50	4578	1157	16577	9053	2	15.0 0	262. 00	3.62	7.83	V
53	405	Piano 2	18	7	1	0.57	2.50	2.50	3212	339	14069	9053	2	15.0 0	268. 00	4.38	26.7 3	V
54	570	Piano 3	18	21	1	0.57	2.50	2.50	3570	1407	14069	9053	2	15.0 0	268. 00	3.94	6.44	V
55	238	Piano 1	19	2	1	0.57	2.50	2.50	6349	1699	16577	9053	2	15.0 0	287. 00	2.61	5.33	V
56	406	Piano 2	19	7	1	0.57	2.50	2.50	2539	695	14069	9053	2	15.0 0	293. 00	5.54	13.0 3	V
57	571	Piano 3	19	21	1	0.57	2.50	2.50	2331	1879	14069	9053	2	15.0 0	293. 00	6.03	4.82	V
64	247	Piano 1	22	2	1	0.57	2.50	2.50	6538	1598	16577	9053	2	15.0 0	287. 00	2.54	5.67	V
65	415	Piano 2	22	7	1	0.57	2.50	2.50	2611	713	14069	9053	2	15.0 0	293. 00	5.39	12.7 0	V
66	580	Piano 3	22	21	1	0.57	2.50	2.50	2905	1897	14069	9053	2	15.0 0	293. 00	4.84	4.77	V
70	252	Piano 1	24	2	1	0.57	2.50	2.50	4744	2810	16577	9053	2	15.0 0	287. 00	3.49	3.22	V
71	420	Piano 2	24	7	1	0.57	2.50	2.50	1743	1857	14069	9053	2	15.0 0	293. 00	8.07	4.87	V
72	585	Piano 3	24	21	1	0.57	2.50	2.50	2346	2097	14069	9053	2	15.0 0	268. 00	6.00	4.32	V
73	253	Piano 1	25	2	1	0.57	2.50	2.50	6870	1748	16577	9053	2	15.0 0	287. 00	2.41	5.18	V
74	421	Piano 2	25	7	1	0.57	2.50	2.50	3520	1236	14069	9053	2	15.0 0	293. 00	4.00	7.32	V
75	586	Piano 3	25	21	1	0.57	2.50	2.50	3014	2618	14069	9053	2	15.0 0	293. 00	4.67	3.46	V
77	254	Piano 1	26	2	1	0.57	2.50	2.50	5466	1843	16577	9053	2	15.0 0	287. 00	3.03	4.91	V
78	422	Piano 2	26	7	1	0.57	2.50	2.50	5041	1165	14069	9053	2	15.0 0	258. 00	2.79	7.77	V
79	587	Piano 3	26	7	1	0.57	2.50	2.50	4729	1608	14069	9053	2	15.0 0	258. 00	2.97	5.63	V

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82	423	Piano 2	27	7	1	0.57	2.50	2.50	2297	4435	14069	9053	2	15.00	257.98	6.13	2.04	V
84	650	Piano 4	27	21	1	0.57	2.50	2.50	1984	1479	14069	9053	2	15.00	213.19	7.09	6.12	V
88	651	Piano 4	28	3	1	0.57	2.50	2.50	6669	1798	35385	9053	2	15.00	310.19	5.31	5.04	V
89	263	Piano 1	29	2	1	0.57	2.50	2.50	4830	4830	16577	9053	2	15.00	252.00	3.43	1.87	V
91	593	Piano 3	29	21	1	0.57	2.50	2.50	1932	4002	14069	9053	2	15.00	267.00	7.28	2.26	V
95	594	Piano 3	30	10	1	0.57	2.50	2.50	2291	4663	16577	9053	2	15.00	258.00	7.23	1.94	V
96	653	Piano 4	30	10	1	0.57	2.50	2.50	6428	5052	16577	9053	2	15.00	170.24	2.58	1.79	V
97	265	Piano 1	31	2	1	0.57	2.50	2.50	3786	4261	16577	9053	2	15.00	252.00	4.38	2.12	V
98	430	Piano 2	31	7	1	0.57	2.50	2.50	2067	4532	14069	9053	2	15.00	258.00	6.80	2.00	V
100	654	Piano 4	31	21	1	0.57	2.50	2.50	1562	1098	14069	9053	2	15.00	250.24	9.01	8.25	V
104	655	Piano 4	32	7	1	0.57	2.50	2.50	1470	688	14069	9053	2	15.00	324.98	9.57	13.15	V
105	270	Piano 1	33	2	1	0.57	2.50	2.50	6522	1938	16577	9053	2	15.00	287.00	2.54	4.67	V
106	435	Piano 2	33	7	1	0.57	2.50	2.50	4681	1853	14069	9053	2	15.00	293.00	3.01	4.88	V
107	600	Piano 3	33	21	1	0.57	2.50	2.50	2977	1677	14069	9053	2	15.00	293.00	4.73	5.40	V
109	271	Piano 1	34	2	1	0.57	2.50	2.50	8264	2217	16577	9053	2	15.00	252.00	2.01	4.08	V
110	436	Piano 2	34	7	1	0.57	2.50	2.50	6151	1542	14069	9053	2	15.00	258.00	2.29	5.87	V
111	601	Piano 3	34	7	1	0.57	2.50	2.50	3471	2676	14069	9053	2	15.00	293.00	4.05	3.38	V
112	657	Piano 4	34	21	1	0.57	2.50	2.50	2045	4159	14069	9053	2	15.00	173.00	6.88	2.18	V
113	272	Piano 1	35	3	1	0.57	2.50	2.50	22111	8550	35385	9053	2	15.00	252.00	1.60	1.06	V
115	602	Piano 3	35	3	1	0.57	2.50	2.50	8336	6583	35385	9053	2	15.00	267.00	4.25	1.38	V
116	658	Piano 4	35	3	1	0.57	2.50	2.50	7110	2704	35385	9053	2	15.00	250.27	4.98	3.35	V
120	659	Piano 4	36	21	1	0.57	2.50	2.50	677	541	14069	9053	2	15.00	347.27	20.78	16.74	V
121	277	Piano 1	37	9	1	1.01	2.50	2.50	1105	1869	16005	16005	2	15.00	239.35	14.48	8.57	V
122	442	Piano 2	37	9	1	1.01	2.50	2.50	1289	2225	16005	16005	2	15.00	257.35	12.42	7.19	V
124	660	Piano 4	37	9	1	1.01	2.50	2.50	1161	933	16005	16005	2	15.00	262.27	13.79	17.16	V
125	278	Piano 1	38	9	1	1.01	2.50	2.50	1038	1920	16005	16005	2	15.00	251.93	15.42	8.34	V
126	443	Piano 2	38	9	1	1.01	2.50	2.50	1493	3003	16005	16005	2	15.00	257.93	10.72	5.33	V
127	608	Piano 3	38	9	1	1.01	2.50	2.50	1540	2873	16005	16005	2	15.00	266.93	10.39	5.57	V
128	661	Piano 4	38	9	1	1.01	2.50	2.50	836	388	16005	16005	2	15.00	347.27	19.14	41.27	V
144	665	Piano 4	42	21	1	0.57	2.50	2.50	998	336	14069	9053	2	15.00	347.27	14.10	26.95	V

1.1.2.1.1.5 Verifica Taglio Pilastri con Ringrossi in CA - SLV

Pilastro : numerazione interna del pilastro;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Filo : filo fisso al quale appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cons. : nome consolidamento applicato alla sezione
 Blocco : tratto unico di calcolo nel quale le staffe vengono considerate costanti;
 $\cot(\theta)XY$: cotangente dell'angolo θ di calcolo;
 $\cot(\theta)XZ$: cotangente dell'angolo θ di calcolo;

Tagli Sollecitanti:

V_{sdXY} : valore del Taglio X-Y sollecitante di calcolo;

V_{sdXZ} : valore del Taglio X-Z sollecitante di calcolo

Tagli Resistenti:

V_{rdXY} : valore del Taglio X-Y resistente di calcolo;

V_{rdXZ} : valore del Taglio X-Z resistente di calcolo;

Nbr_X : numero di bracci di cui è composta la staffa di calcolo in direzione X;

TABULATI DI CALCOLO

Nbr_Y : numero di bracci di cui è composta la staffa di calcolo in direzione Y;
 D_{Staffe} : interasse tra le staffe di calcolo;
 L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe};
 S_{XY} : coefficiente di sicurezza relativo a VSdXY
 S_{XZ} : coefficiente di sicurezza relativo a VSdXZ
 Esito : Esito della verifica : V = VERIFICATA; NV = NON VERIFICATA;

Tabella 6.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Cons.	Blocco	AStaffe [cm²]	cot θXY [°]	cot θXZ [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr_X	Nbr_Y	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
										Vsdxy [daN]	Vsdxz [daN]	Vrdxy [daN]	Vrdxz [daN]							
1	211	Piano 1	1	29	AP DEFAU LT_001	1	3.38	2.00	2.00	14472	21068	15928 5	15586 8	2	2	15.0	252	11.01	7.40	V
2	379	Piano 2	1	30	AP DEFAU LT_001	1	3.38	1.80	1.80	3751	15588	14677 8	14443 3	2	2	15.0	258	39.13	9.27	V
3	544	Piano 3	1	31	AP DEFAU LT_001	1	3.38	1.60	1.60	4809	20907	12592 5	12391 3	2	2	15.0	267	26.18	5.93	V
4	212	Piano 1	2	39	DEFAU LT_002	1	3.30	1.20	1.20	43698	61257	14444 8	14126 9	2	2	10.0	252	3.31	2.31	V
5	380	Piano 2	2	30	AP DEFAU LT_001	1	3.38	2.00	2.00	15847	33236	15864 0	15610 5	2	2	15.0	258	10.01	4.70	V
6	545	Piano 3	2	30	AP DEFAU LT_001	1	3.38	1.80	1.80	16718	45569	15068 1	14461 8	2	2	15.0	267	9.01	3.17	V
7	216	Piano 1	3	39	DEFAU LT_002	1	3.30	1.10	1.10	37159	62473	12567 5	12298 9	2	2	10.0	252	3.38	1.97	V
8	384	Piano 2	3	30	AP DEFAU LT_001	1	3.38	2.00	2.00	3932	10997	15864 0	15610 5	2	2	15.0	293	40.34	14.20	V
9	549	Piano 3	3	31	AP DEFAU LT_001	1	3.38	1.40	1.40	7943	3358	14446 7	11248 1	2	2	15.0	293	18.19	33.50	V
49	233	Piano 1	17	29	AP DEFAU LT_001	1	3.38	1.60	1.60	27004	8579	18766 8	12854 9	2	2	15.0	252	6.95	14.98	V
50	401	Piano 2	17	30	AP DEFAU LT_001	1	3.38	1.60	1.60	17778	2079	16386 0	12854 9	2	2	15.0	258	9.22	61.84	V
51	566	Piano 3	17	30	AP DEFAU LT_001	1	3.38	1.50	1.50	20295	9657	15722 5	12051 5	2	2	15.0	258	7.75	12.48	V
58	239	Piano 1	20	29	AP DEFAU LT_001	1	3.38	1.60	1.60	67586	9147	17626 8	12854 9	2	2	15.0	252	2.61	14.05	V
59	407	Piano 2	20	30	AP DEFAU LT_001	1	3.38	1.50	1.50	14368	2221	15746 4	12051 5	2	2	15.0	258	10.96	54.25	V
60	572	Piano 3	20	30	AP DEFAU LT_001	1	3.38	1.80	1.80	8017	10367	13894 8	13672 8	2	2	15.0	258	17.33	13.19	V
61	243	Piano 1	21	39	DEFAU LT_002	1	3.30	1.40	1.40	18620	45397	16613 8	16258 8	2	2	10.0	262	8.92	3.58	V
62	411	Piano 2	21	30	AP DEFAU LT_001	1	3.38	2.00	2.00	6287	11141	15864 0	15610 5	2	2	15.0	268	25.24	14.01	V
63	576	Piano 3	21	31	AP DEFAU LT_001	1	3.38	1.60	1.60	12511	58387	13369 5	12854 9	2	2	15.0	268	10.69	2.20	V
67	248	Piano 1	23	29	AP DEFAU LT_001	1	3.38	1.70	1.70	53792	8629	19289 2	13658 4	2	2	15.0	287	3.59	15.83	V
68	416	Piano 2	23	30	AP DEFAU LT_001	1	3.38	1.70	1.70	27476	3425	17052 6	13658 4	2	2	15.0	258	6.21	39.87	V
69	581	Piano 3	23	30	AP DEFAU LT_001	1	3.38	1.50	1.50	36809	11847	15746 4	12051 5	2	2	15.0	258	4.28	10.17	V
80	649	Piano 4	26	31	AP DEFAU LT_001	1	3.38	1.60	1.60	21249	21967	12562 7	12362 0	2	2	15.0	173	5.91	5.63	V
81	255	Piano 1	27	39	DEFAU LT_002	1	3.30	1.70	1.70	16810	76049	19292 7	18880 5	2	2	10.0	252	11.48	2.48	V
83	588	Piano 3	27	31	AP DEFAU LT_001	1	3.38	1.60	1.60	16045	24782	13128 0	12854 9	2	2	15.0	258	8.18	5.19	V
85	259	Piano 1	28	40	SOLO BASE 30	1	5.03	1.00	1.00	11769 7	35796	24780 5	96014	2	2	10.0	258	2.11	2.68	V
86	424	Piano 2	28	36	AP DEFAU LT_001	1	3.43	1.00	1.00	20936	11578	20553 3	65987	2	2	10.0	258	9.82	5.70	V
87	589	Piano 3	28	36	AP DEFAU LT_001	1	3.43	1.00	1.00	25704	12457	18724 1	65987	2	2	10.0	258	7.28	5.30	V
90	428	Piano 2	29	34	AP DEFAU	1	3.43	1.50	1.50	7337	10083	10258 7	94867	2	2	10.0	258	13.98	9.41	V

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					LT_001_001															
93	264	Piano 1	30	29	AP DEFAU LT_001	1	3.38	2.00	2.00	13527	21036	16669 5	16068 7	2	2	15.0	252	12.32	7.64	V
94	429	Piano 2	30	29	AP DEFAU LT_001	1	3.38	2.00	2.00	5181	32720	15922 1	15580 6	2	2	15.0	258	30.73	4.76	V
99	595	Piano 3	31	31	AP DEFAU LT_001	1	3.38	1.60	1.60	13651	29227	12705 5	12502 4	2	2	15.0	258	9.31	4.28	V
101	266	Piano 1	32	28	AP DEFAU LT_001_001	1	3.43	1.00	1.00	23093	4760	13248 9	65987	2	2	10.0	252	5.74	13.86	V
102	431	Piano 2	32	35	AP DEFAU LT_001_001	1	3.43	1.00	1.00	21132	7425	90074	65987	2	2	10.0	258	4.26	8.89	V
103	596	Piano 3	32	35	AP DEFAU LT_001_001	1	3.43	1.00	1.00	21850	7490	79945	65987	2	2	10.0	267	3.66	8.81	V
114	437	Piano 2	35	40	SOLO BASE 30	1	4.81	1.80	1.80	11972	15584	18307 7	16400 5	2	2	10.0	258	15.29	10.52	V
117	273	Piano 1	36	28	AP DEFAU LT_001_001	1	3.43	1.00	1.00	23927	7166	13248 9	65987	2	2	10.0	252	5.54	9.21	V
118	438	Piano 2	36	28	AP DEFAU LT_001_001	1	3.43	1.00	1.00	19643	9814	12329 7	65987	2	2	10.0	258	6.28	6.72	V
119	603	Piano 3	36	35	AP DEFAU LT_001_001	1	3.43	1.00	1.00	21668	9928	79876	65987	2	2	10.0	267	3.69	6.65	V
123	607	Piano 3	37	22	AP DEFAU LT	1	2.43	1.70	1.70	12818	19134	97366	97366	2	2	15.0	266	7.60	5.09	V
129	279	Piano 1	39	29	AP DEFAU LT_001	1	3.38	2.00	2.00	13393	18293	16314 9	15965 0	2	2	15.0	252	12.18	8.73	V
130	444	Piano 2	39	30	AP DEFAU LT_001	1	3.38	1.80	1.80	3987	24067	15017 9	14461 8	2	2	15.0	258	37.66	6.01	V
131	609	Piano 3	39	31	AP DEFAU LT_001	1	3.38	1.60	1.60	9067	16695	12925 3	12718 8	2	2	15.0	267	14.25	7.62	V
133	280	Piano 1	40	39	DEFAU LT_002	1	3.30	1.00	1.00	48339	72559	11707 6	11457 4	2	2	10.0	247	2.42	1.58	V
134	445	Piano 2	40	29	AP DEFAU LT_001	1	3.38	2.10	2.10	21356	37517	17133 2	16765 6	2	2	15.0	258	8.02	4.47	V
135	610	Piano 3	40	29	AP DEFAU LT_001	1	3.38	2.00	2.00	19652	47393	16618 7	16068 7	2	2	15.0	267	8.46	3.39	V
136	663	Piano 4	40	30	AP DEFAU LT_001	1	3.38	1.80	1.80	9910	23704	14972 3	14461 8	2	2	15.0	144	15.11	6.10	V
137	284	Piano 1	41	39	DEFAU LT_002	1	3.30	1.20	1.20	47240	70364	13899 0	13601 9	2	2	10.0	247	2.94	1.93	V
138	449	Piano 2	41	29	AP DEFAU LT_001	1	3.38	2.10	2.10	32651	44844	17133 2	16765 6	2	2	15.0	257	5.25	3.74	V
139	614	Piano 3	41	29	AP DEFAU LT_001	1	3.38	2.00	2.00	25959	47809	16869 5	16068 7	2	2	15.0	266	6.50	3.36	V
140	664	Piano 4	41	30	AP DEFAU LT_001	1	3.38	1.80	1.80	6378	19532	14763 4	14461 8	2	2	15.0	224	23.15	7.40	V
141	288	Piano 1	42	28	AP DEFAU LT_001_001	1	3.43	1.60	1.60	8553	7805	11774 1	10557 9	2	2	10.0	252	13.77	13.53	V
142	453	Piano 2	42	34	AP DEFAU LT_001_001	1	3.43	1.50	1.50	2836	12314	10462 5	96752	2	2	10.0	258	36.89	7.86	V
143	618	Piano 3	42	35	AP DEFAU LT_001_001	1	3.43	1.10	1.10	4785	11877	78663	72586	2	2	10.0	267	16.44	6.11	V

1.1.2.2 Travi di Elevazione.

1.1.2.2.1 Verifiche Travi di Elevazione in C.A. .

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative alle travi di elevazione della struttura.

Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	A _{sup} [cm²]	A _{inf} [cm²]	A _n [cm²]	CC	Azioni Sollecitanti		M _{rdxy} [daNm]	Azioni Resistenti			S	Esito
										N _{sd} [daN]	M _{sdxyz} [daNm]		N _{rd} [daN]	M _{rdxx} [daNm]	M _{rdyy} [daNm]		
2	115	Piano 1	1-4	5	43.64	11.18	5.15	16.34	6	0	6466	-	-	8319	-	1.29	V
					130.93	4.02	9.17	13.19	6	0	5001	-	-1	14571	-	2.91	V
					305.50	11.18	5.15	16.34	13	0	5098	-	0	8319	-	1.63	V
5	120	Piano 1	3-6	5	43.64	11.18	5.15	16.34	7	0	4172	-	0	8319	-	1.99	V
					130.93	4.02	9.17	13.19	7	0	3114	-	-1	14571	-	4.68	V
					305.50	11.18	5.15	16.34	12	0	3747	-	0	8319	-	2.22	V
6	121	Piano 1	4-5	6	0.00	13.38	4.62	18.00	18	0	-2215	-	0	-5807	-	2.62	V
					302.45	3.08	8.64	11.72	22	0	1366	-	1	3945	-	2.89	V
					604.90	13.38	4.62	18.00	17	0	-2180	-	0	-5807	-	2.66	V
7	122	Piano 1	4-7	5	36.61	10.24	4.21	14.45	6	0	4060	-	-1	6862	-	1.69	V
					183.05	3.08	8.23	11.31	11	0	3196	-	-1	13124	-	4.11	V
					256.27	10.24	4.21	14.45	13	0	4494	-	-1	6862	-	1.53	V
8	123	Piano 1	5-6	6	0.00	9.36	5.09	14.45	17	0	1189	-	0	2503	-	2.10	V
					155.41	9.36	5.09	14.45	18	0	528	-	0	2503	-	4.74	V
					248.66	9.36	5.09	14.45	18	0	1235	-	0	2503	-	2.03	V
9	124	Piano 1	5-8	5	36.62	10.24	4.21	14.45	7	0	2326	-	-1	6862	-	2.95	V
					183.08	3.08	8.23	11.31	11	0	3730	-	-1	13124	-	3.52	V
					219.69	10.24	4.21	14.45	11	0	3869	-	-1	6862	-	1.77	V
10	125	Piano 1	6-9	5	0.00	10.24	4.21	14.45	8	0	3805	-	-1	6862	-	1.80	V
					109.83	3.08	8.23	11.31	8	0	2349	-	-1	13124	-	5.59	V
					292.88	10.24	4.21	14.45	11	0	3606	-	-1	6862	-	1.90	V
11	126	Piano 1	7-8	6	0.00	13.38	4.62	18.00	18	0	-2221	-	0	-5807	-	2.62	V
					302.46	3.08	8.64	11.72	22	0	1370	-	1	3945	-	2.88	V
					604.93	13.38	4.62	18.00	17	0	-2170	-	0	-5807	-	2.68	V
12	127	Piano 1	7-10	5	36.61	10.24	4.21	14.45	6	0	4416	-	-1	6862	-	1.55	V
					109.83	3.08	8.23	11.31	6	0	3187	-	-1	13124	-	4.12	V
					256.27	10.24	4.21	14.45	13	0	4518	-	-1	6862	-	1.52	V
13	128	Piano 1	8-9	6	0.00	9.36	5.09	14.45	17	0	1215	-	0	2503	-	2.06	V
					155.02	9.36	5.09	14.45	18	0	520	-	0	2503	-	4.82	V
					248.03	9.36	5.09	14.45	18	0	1260	-	0	2503	-	1.99	V
14	129	Piano 1	8-11	5	36.61	10.24	4.21	14.45	6	0	3582	-	-1	6862	-	1.92	V
					146.44	3.08	8.23	11.31	22	0	3408	-	-1	13124	-	3.85	V
					256.27	10.24	4.21	14.45	13	0	3638	-	-1	6862	-	1.89	V
15	130	Piano 1	9-12	5	0.00	10.24	4.21	14.45	8	0	3721	-	-1	6862	-	1.84	V
					183.05	3.08	8.23	11.31	11	0	2285	-	-1	13124	-	5.74	V
					292.88	10.24	4.21	14.45	11	0	3908	-	-1	6862	-	1.76	V
16	131	Piano 1	10-11	13	75.62	9.24	3.08	12.32	17	0	3122	-	-2	4958	-	1.59	V
					226.85	3.08	6.16	9.24	17	0	2976	-	-1	9758	-	3.28	V
					529.31	9.24	3.08	12.32	18	0	1678	-	-2	4958	-	2.95	V
17	132	Piano 1	10-13	12	36.61	11.18	5.15	16.34	6	0	4467	-	0	8319	-	1.86	V
					183.05	4.02	9.17	13.19	13	0	3234	-	-1	14571	-	4.51	V
					292.88	11.18	5.15	16.34	13	0	4648	-	0	8319	-	1.79	V
19	134	Piano 1	11-14	5	36.61	10.24	4.21	14.45	8	0	4112	-	-1	6862	-	1.67	V
					109.83	3.08	8.23	11.31	8	0	3864	-	-1	13124	-	3.40	V
					219.66	10.24	4.21	14.45	11	0	2576	-	-1	6862	-	2.66	V
20	135	Piano 1	12-15	5	0.00	10.24	4.21	14.45	6	0	4012	-	-1	6862	-	1.71	V
					183.05	3.08	8.23	11.31	13	0	2320	-	-1	13124	-	5.66	V
					292.88	10.24	4.21	14.45	13	0	4145	-	-1	6862	-	1.66	V
21	136	Piano 1	13-14	6	0.00	13.38	4.62	18.00	18	0	-2209	-	0	-5807	-	2.63	V
					302.46	3.08	8.64	11.72	22	0	1366	-	1	3945	-	2.89	V
					604.93	13.38	4.62	18.00	17	0	-2169	-	0	-5807	-	2.68	V

					221.56	10.24	4.21	14.45	16	0	4084	-	-1	6862	-	1.68	V
235	641	Piano 4	38-36	19	0.00	9.24	7.10	16.34	10	0	2764	-	-1	11226	-	4.06	V
					138.48	4.62	7.10	11.72	10	0	-1842	-	0	-7361	-	4.00	V
					166.17	4.62	7.10	11.72	10	0	-2920	-	0	-7361	-	2.52	V
236	642	Piano 4	37-38	5	78.61	9.24	3.08	12.32	22	0	1048	-	0	5082	-	4.85	V
					157.21	3.08	6.16	9.24	22	0	1850	-	0	9900	-	5.35	V
					235.82	9.24	3.08	12.32	22	0	1477	-	-1	5082	-	3.44	V
237	643	Piano 4	37-41	5	0.00	10.24	4.21	14.45	16	0	2923	-	-1	6862	-	2.35	V
					60.61	3.08	8.23	11.31	19	0	-3582	-	1	-5084	-	1.42	V
					72.74	10.24	4.21	14.45	16	0	2671	-	-1	6862	-	2.57	V
238	644	Piano 4	42-38	19	28.00	4.62	7.10	11.72	19	0	-1742	-	0	-7361	-	4.22	V
					41.99	4.62	7.10	11.72	19	0	-1321	-	0	-7361	-	5.57	V
					83.99	4.62	7.10	11.72	16	0	1507	-	-1	11220	-	7.45	V
241	647	Piano 4	41-42	19	74.71	9.24	3.08	12.32	16	0	1389	-	-2	4958	-	3.57	V
					112.06	3.08	6.16	9.24	19	0	-876	-	1	-4958	-	5.66	V
					298.83	9.24	3.08	12.32	9	0	798	-	-2	4958	-	6.21	V

1.1.2.2.1.2 Verifica a Flessione Composta Travi con Ringrossi in CA - SLV

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cons : nome consolidamento applicato alla sezione
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
 A_{sup} : valore dell'area di armatura presente all'estradosso della sezione esistente;
 A_{inf} : valore dell'area di armatura presente all'intradosso della sezione esistente;
 A_{fl} : valore dell'area di armatura totale presente nella sezione consolidata;
 CC : numero della combinazione di carico;
 Azioni Sollecitanti:
 N_{Sd} : Sforzo Normale Sollecitante;
 M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
 Azioni Resistenti:
 N_{Rd} : Sforzo Normale Resistente;
 M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
 M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;
 S : valore del coefficiente di sicurezza minimo della sezione;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 8.I

											Azioni Sollecitanti			Azioni Resistenti				
Camp	Asta	Imp.	Fili	Tipo Sez.	Cons.	X [cm]	A _{sup} [cm²]	A _{inf} [cm²]	A _n [cm²]	CC	N _{sd} [daN]	M _{sdz} [daNm]	M _{sdxy} [daNm]	N _{rd} [daN]	M _{rdz} [daNm]	M _{rdxy} [daNm]	S	Esito
1	114	Piano 1	1-2	16	AT 002 BIS	0.00	9.24	3.08	88.66	4	0	56533	-	-4	121708	-	2.15	V
					AT 002 BIS	215.60	3.08	6.16	85.58	1	0	18774	-	0	126519	-	6.74	V
					AT 002 BIS	574.93	9.24	3.08	88.66	1	0	-64380	-	4	-137026	-	2.13	V
3	116	Piano 1	2-3	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-9532	-	4	-137026	-	14.38	V
					AT 002 BIS	136.27	3.08	6.16	85.58	1	0	2117	-	0	126519	-	59.76	V
					AT 002 BIS	218.03	9.24	3.08	88.66	1	0	23893	-	-4	121708	-	5.09	V
4	119	Piano 1	2-5	16	AT 002 BIS	0.00	11.18	5.15	92.68	1	0	-34835	-	4	-142181	-	4.08	V
					AT 002 BIS	130.91	4.02	9.17	89.54	1	0	15191	-	3	131396	-	8.65	V
					AT 002 BIS	349.10	11.18	5.15	92.68	3	0	16305	-	1	125104	-	7.67	V
18	133	Piano 1	11-12	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-13665	-	4	-137026	-	10.03	V
					AT 002 BIS	155.02	3.08	6.16	85.58	1	0	5864	-	0	126519	-	21.57	V
					AT 002 BIS	248.03	9.24	3.08	88.66	2	0	15790	-	-4	121708	-	7.71	V
24	139	Piano 1	14-17	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	-16443	-	3	-139708	-	8.50	V
					AT 002 BIS	180.04	3.08	8.23	87.65	1	0	11744	-	-1	129863	-	11.06	V
					AT 002 BIS	288.06	10.24	4.21	90.79	1	0	-24847	-	3	-139708	-	5.62	V
29	144	Piano 1	17-20	16	AT 002 BIS	0.00	10.24	4.21	90.79	3	0	47158	-	4	123576	-	2.62	V

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					AT 002 BIS	136.53	3.08	8.23	87.65	1	0	-43897	-	-4	-127768	-	2.91	V
					AT 002 BIS	204.80	10.24	4.21	90.79	5	0	14944	-	4	123576	-	8.27	V
30	151	Piano 1	18-21	37	INTERN A	0.00	10.24	4.21	57.71	1	0	-6820	-	2	-37831	-	5.55	V
					INTERN A	180.04	3.08	8.23	54.57	7	0	-3654	-	0	-25762	-	7.05	V
					INTERN A	288.06	10.24	4.21	57.71	1	0	-13869	-	2	-37831	-	2.73	V
47	174	Piano 1	28-27	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	41363	-	-4	121708	-	2.94	V
					AT 002 BIS	179.74	3.08	6.16	85.58	1	0	-10451	-	1	-126483	-	12.10	V
					AT 002 BIS	287.59	9.24	3.08	88.66	1	0	31252	-	-4	121708	-	3.89	V
49	179	Piano 1	32-28	38	INTERN A_001	0.00	13.38	3.08	59.72	5	0	-27732	-	1	-43534	-	1.57	V
					INTERN A_001	98.54	3.08	7.10	53.44	6	0	-6858	-	-1	-25025	-	3.65	V
					INTERN A_001	262.78	16.52	3.08	62.86	1	0	-25660	-	1	-49965	-	1.95	V
50	180	Piano 1	29-30	18	AT 002 QUINQ UES	0.00	9.24	3.08	88.66	2	0	26766	-	-4	121708	-	4.55	V
					AT 002 QUINQ UES	368.70	3.08	6.16	85.58	1	0	16561	-	0	126519	-	7.64	V
					AT 002 QUINQ UES	589.93	9.24	3.08	88.66	1	0	-42469	-	4	-137026	-	3.23	V
52	182	Piano 1	30-31	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	48237	-	-4	121708	-	2.52	V
					AT 002 BIS	87.39	3.08	6.16	85.58	1	0	-26921	-	1	-126483	-	4.70	V
					AT 002 BIS	233.03	9.24	3.08	88.66	1	0	13548	-	-4	121708	-	8.98	V
54	184	Piano 1	31-32	16	AT 002 BIS	75.63	9.24	3.08	88.66	1	0	6855	-	-4	121708	-	17.75	V
					AT 002 BIS	189.08	3.08	6.16	85.58	1	0	19424	-	0	126519	-	6.51	V
					AT 002 BIS	302.52	9.24	3.08	88.66	2	0	30672	-	-4	121708	-	3.97	V
56	186	Piano 1	36-32	38	INTERN A_001	59.64	3.08	7.10	53.44	5	0	-7745	-	-1	-25025	-	3.23	V
					INTERN A_001	89.47	3.08	7.10	53.44	5	0	-4728	-	-1	-25025	-	5.29	V
					INTERN A_001	178.93	9.11	7.10	59.47	5	0	-6651	-	1	-37423	-	5.63	V
60	194	Piano 1	34-40	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	17458	-	4	123576	-	7.08	V
					AT 002 BIS	208.90	3.08	8.23	87.65	1	0	15354	-	-1	129863	-	8.46	V
					AT 002 BIS	334.25	10.24	4.21	90.79	1	0	-37381	-	3	-139708	-	3.74	V
61	195	Piano 1	35-36	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	40621	-	-4	121708	-	3.00	V
					AT 002 BIS	113.45	3.08	6.16	85.58	1	0	11535	-	0	126519	-	10.97	V
					AT 002 BIS	302.52	9.24	3.08	88.66	2	0	39637	-	-4	121708	-	3.07	V
64	198	Piano 1	37-38	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	22813	-	-4	121708	-	5.33	V
					AT 002 BIS	113.52	3.08	6.16	85.58	1	0	10940	-	0	126519	-	11.57	V
					AT 002 BIS	302.71	9.24	3.08	88.66	1	0	13844	-	-4	121708	-	8.79	V
65	199	Piano 1	37-41	16	AT 002 BIS	21.81	6.22	8.23	90.79	1	0	-12161	-	3	-134079	-	11.03	V
					AT 002 BIS	54.52	3.08	8.23	87.65	1	0	-22391	-	-4	-127768	-	5.71	V
					AT 002 BIS	87.23	10.24	4.21	90.79	1	0	-33948	-	3	-139708	-	4.12	V
67	201	Piano 1	39-40	18	AT 002 QUINQ UES	0.00	9.24	3.08	88.66	2	0	67667	-	-4	121708	-	1.80	V
					AT 002 QUINQ UES	216.95	3.08	6.16	85.58	1	0	21901	-	0	126519	-	5.78	V
					AT 002 QUINQ UES	578.52	9.24	3.08	88.66	1	0	-74849	-	4	-137026	-	1.83	V
68	202	Piano 1	40-41	49	TRAVE 4	53.61	14.07	14.07	230.72	2	0	50998	-	-9	330078	-	6.47	V
					TRAVE 4	134.02	14.07	14.07	230.72	2	0	28258	-	-9	330078	-	11.68	V
					TRAVE 4	160.83	14.07	14.07	230.72	2	0	47474	-	-9	330078	-	6.95	V
70	207	Piano 1	41-42	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	75047	-	-4	121708	-	1.62	V
					AT 002 BIS	107.82	3.08	6.16	85.58	1	0	34344	-	0	126519	-	3.68	V
					AT 002 BIS	287.52	9.24	3.08	88.66	1	0	39082	-	-4	121708	-	3.11	V
73	291	Piano 2	1-2	16	AT 002 BIS	0.00	9.24	3.08	88.66	4	0	64774	-	-4	121708	-	1.88	V
					AT 002 BIS	359.33	3.08	6.16	85.58	1	0	22989	-	0	126519	-	5.50	V
					AT 002	574.93	9.24	3.08	88.66	1	0	-76594	-	4	-137026	-	1.79	V

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76	296	Piano 2	2-5	16	BIS AT 002 BIS	0.00	11.18	5.15	92.68	1	0	-37493	-	4	-142181	-	3.79	V
					AT 002 BIS	134.66	4.02	9.17	89.54	1	0	15658	-	3	131396	-	8.39	V
					AT 002 BIS	359.10	11.18	5.15	92.68	2	0	16064	-	1	125104	-	7.79	V
90	310	Piano 2	11-12	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	13615	-	-4	121708	-	8.94	V
					AT 002 BIS	155.02	3.08	6.16	85.58	1	0	6223	-	0	126519	-	20.33	V
					AT 002 BIS	248.03	9.24	3.08	88.66	2	0	16118	-	-4	121708	-	7.55	V
96	316	Piano 2	14-17	16	AT 002 BIS	0.00	10.24	4.21	90.79	2	0	14596	-	4	123576	-	8.47	V
					AT 002 BIS	186.29	3.08	8.23	87.65	1	0	11042	-	-1	129863	-	11.76	V
					AT 002 BIS	298.06	10.24	4.21	90.79	1	0	-29064	-	3	-139708	-	4.81	V
101	321	Piano 2	17-20	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	43774	-	4	123576	-	2.82	V
					AT 002 BIS	141.53	3.08	8.23	87.65	1	0	-40336	-	-4	-127768	-	3.17	V
					AT 002 BIS	212.30	10.24	4.21	90.79	5	0	17095	-	4	123576	-	7.23	V
102	327	Piano 2	18-21	37	INTERN A	0.00	10.24	4.21	57.71	3	0	-9931	-	2	-37831	-	3.81	V
					INTERN A	186.29	3.08	8.23	54.57	3	0	-7410	-	0	-25762	-	3.48	V
					INTERN A	298.06	10.24	4.21	57.71	1	0	-22593	-	2	-37831	-	1.67	V
106	331	Piano 2	20-23	16	AT 002 BIS	0.00	10.24	4.21	90.79	5	0	8633	-	4	123576	-	14.31	V
					AT 002 BIS	136.44	3.08	8.23	87.65	1	0	-2103	-	-4	-127768	-	60.76	V
					AT 002 BIS	272.89	10.24	4.21	90.79	1	0	-2709	-	3	-139708	-	51.57	V
111	339	Piano 2	23-26	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	-44661	-	3	-139708	-	3.13	V
					AT 002 BIS	107.96	3.08	8.23	87.65	1	0	-16847	-	-4	-127768	-	7.58	V
					AT 002 BIS	287.89	10.24	4.21	90.79	1	0	17739	-	4	123576	-	6.97	V
118	346	Piano 2	28-27	16	AT 002 BIS	0.00	9.24	3.08	88.66	3	0	45808	-	-4	121708	-	2.66	V
					AT 002 BIS	189.12	3.08	6.16	85.58	1	0	14381	-	0	126519	-	8.80	V
					AT 002 BIS	302.59	9.24	3.08	88.66	1	0	50212	-	-4	121708	-	2.42	V
119	347	Piano 2	27-31	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	-31572	-	3	-139708	-	4.43	V
					AT 002 BIS	195.66	3.08	8.23	87.65	1	0	10204	-	-1	129863	-	12.73	V
					AT 002 BIS	313.06	10.24	4.21	90.79	1	0	28985	-	4	123576	-	4.26	V
120	348	Piano 2	32-28	38	INTERN A_001	0.00	13.38	3.08	59.72	3	0	-36115	-	1	-43534	-	1.21	V
					INTERN A_001	102.29	3.08	7.10	53.44	5	0	-9260	-	-1	-25025	-	2.70	V
					INTERN A_001	272.78	16.52	3.08	62.86	1	0	-32923	-	1	-49965	-	1.52	V
121	349	Piano 2	29-30	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	26862	-	-4	121708	-	4.53	V
					AT 002 BIS	368.70	3.08	6.16	85.58	1	0	11973	-	0	126519	-	10.57	V
					AT 002 BIS	589.93	9.24	3.08	88.66	1	0	-36738	-	4	-137026	-	3.73	V
123	351	Piano 2	30-31	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-48393	-	4	-137026	-	2.83	V
					AT 002 BIS	87.39	3.08	6.16	85.58	1	0	-12750	-	1	-126483	-	9.92	V
					AT 002 BIS	233.03	9.24	3.08	88.66	1	0	45437	-	-4	121708	-	2.68	V
125	353	Piano 2	31-32	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	37342	-	-4	121708	-	3.26	V
					AT 002 BIS	189.08	3.08	6.16	85.58	1	0	15338	-	0	126519	-	8.25	V
					AT 002 BIS	302.52	9.24	3.08	88.66	3	0	39343	-	-4	121708	-	3.09	V
127	355	Piano 2	36-32	38	INTERN A_001	62.14	3.08	7.10	53.44	1	0	-1386	-	-1	-25025	-	18.06	V
					INTERN A_001	124.29	3.08	7.10	53.44	1	0	-1330	-	-1	-25025	-	18.82	V
					INTERN A_001	248.57	9.11	7.10	59.47	4	0	-3579	-	1	-37423	-	10.46	V
131	362	Piano 2	34-40	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	18059	-	4	123576	-	6.84	V
					AT 002 BIS	215.15	3.08	8.23	87.65	1	0	15383	-	-1	129863	-	8.44	V
					AT 002 BIS	344.25	10.24	4.21	90.79	1	0	-41223	-	3	-139708	-	3.39	V
132	363	Piano 2	35-36	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	48718	-	-4	121708	-	2.50	V
					AT 002 BIS	113.45	3.08	6.16	85.58	1	0	16063	-	0	126519	-	7.88	V
					AT 002 BIS	302.52	9.24	3.08	88.66	2	0	43207	-	-4	121708	-	2.82	V
133	364	Piano 2	35-37	16	AT 002	0.00	10.24	4.21	90.79	1	0	27707	-	4	123576	-	4.46	V

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					BIS													
					AT 002 BIS	71.89	3.08	8.23	87.65	1	0	11839	-	-1	129863	-	10.97	V
					AT 002 BIS	191.70	10.24	4.21	90.79	1	0	24871	-	4	123576	-	4.97	V
134	365	Piano 2	38-36	38	INTERN A_001	0.00	9.24	7.10	59.60	7	0	-6034	-	1	-37698	-	6.25	V
					INTERN A_001	125.98	4.62	7.10	54.98	3	0	-15308	-	0	-28195	-	1.84	V
					INTERN A_001	201.56	9.24	7.10	59.60	1	0	-31776	-	1	-37698	-	1.19	V
135	366	Piano 2	37-38	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	53777	-	-4	121708	-	2.26	V
					AT 002 BIS	113.52	3.08	6.16	85.58	1	0	28578	-	0	126519	-	4.43	V
					AT 002 BIS	302.71	9.24	3.08	88.66	1	0	21185	-	-4	121708	-	5.74	V
136	367	Piano 2	37-41	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	14898	-	4	123576	-	8.29	V
					AT 002 BIS	54.52	3.08	8.23	87.65	1	0	-22542	-	-4	-127768	-	5.67	V
					AT 002 BIS	87.23	10.24	4.21	90.79	1	0	-37354	-	3	-139708	-	3.74	V
138	369	Piano 2	39-40	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	77882	-	-4	121708	-	1.56	V
					AT 002 BIS	361.58	3.08	6.16	85.58	1	0	27925	-	0	126519	-	4.53	V
					AT 002 BIS	578.52	9.24	3.08	88.66	1	0	-93709	-	4	-137026	-	1.46	V
139	370	Piano 2	40-41	43	AT SOLO SOTTO	53.61	8.04	8.04	100.15	1	0	-39115	-	-3	-52987	-	1.35	V
					AT SOLO SOTTO	134.02	8.04	8.04	100.15	1	0	-22560	-	-3	-52987	-	2.35	V
					AT SOLO SOTTO	160.83	8.04	8.04	100.15	1	0	-35629	-	-3	-52987	-	1.49	V
141	375	Piano 2	41-42	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	96581	-	-4	121708	-	1.26	V
					AT 002 BIS	107.82	3.08	6.16	85.58	1	0	45728	-	0	126519	-	2.77	V
					AT 002 BIS	287.52	9.24	3.08	88.66	1	0	45243	-	-4	121708	-	2.69	V
144	456	Piano 3	1-2	32	AT DEFAUL T_001	0.00	9.24	3.08	56.55	4	0	39921	-	0	65334	-	1.64	V
					AT DEFAUL T_001	359.33	3.08	6.16	53.47	1	0	16550	-	2	70081	-	4.23	V
					AT DEFAUL T_001	574.93	9.24	3.08	56.55	4	0	44042	-	0	65334	-	1.48	V
149	463	Piano 3	4-5	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-7287	-	0	-67618	-	9.28	V
					AT 002 TRIS	302.45	3.08	8.64	72.04	1	0	5509	-	-2	57108	-	10.37	V
					AT 002 TRIS	604.90	13.38	4.62	78.32	1	0	-7765	-	0	-67618	-	8.71	V
151	465	Piano 3	5-6	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-4368	-	0	-63913	-	14.63	V
					AT 002 TRIS	155.41	9.36	5.09	74.77	1	0	2617	-	-2	56197	-	21.47	V
					AT 002 TRIS	248.66	9.36	5.09	74.77	1	0	-6014	-	0	-63913	-	10.63	V
154	468	Piano 3	7-8	20	AT 002 TRIS	151.23	9.36	8.64	78.32	1	0	5764	-	1	58232	-	10.10	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	5610	-	-2	57108	-	10.18	V
					AT 002 TRIS	604.93	13.38	4.62	78.32	1	0	-6559	-	0	-67618	-	10.31	V
156	470	Piano 3	8-9	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-5141	-	0	-63913	-	12.43	V
					AT 002 TRIS	155.02	9.36	5.09	74.77	1	0	2438	-	-2	56197	-	23.05	V
					AT 002 TRIS	248.03	9.36	5.09	74.77	1	0	-6246	-	0	-63913	-	10.23	V
164	478	Piano 3	13-14	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-6601	-	0	-67618	-	10.24	V
					AT 002 TRIS	302.46	3.08	8.64	72.04	1	0	5414	-	-2	57108	-	10.55	V
					AT 002 TRIS	604.93	13.38	4.62	78.32	1	0	-7477	-	0	-67618	-	9.04	V
166	480	Piano 3	14-15	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-6171	-	0	-63913	-	10.36	V
					AT 002 TRIS	155.02	9.36	5.09	74.77	1	0	1928	-	-2	56197	-	29.14	V
					AT 002 TRIS	248.03	9.36	5.09	74.77	1	0	-5931	-	0	-63913	-	10.78	V
167	481	Piano 3	14-17	16	AT 002 BIS	0.00	12.25	3.08	91.67	1	0	9377	-	1	121815	-	12.99	V
					AT 002 BIS	186.29	3.08	9.11	88.53	1	0	8508	-	2	131275	-	15.43	V
					AT 002 BIS	298.06	12.25	3.08	91.67	1	0	-21394	-	2	-143068	-	6.69	V
169	483	Piano 3	16-17	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-6512	-	0	-67618	-	10.38	V
					AT 002 TRIS	368.70	3.08	8.64	72.04	1	0	5617	-	-2	57108	-	10.17	V

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					AT 002 TRIS	589.93	13.38	4.62	78.32	1	0	-11518	-	0	-67618	-	5.87	V
171	485	Piano 3	17-18	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-12867	-	0	-63913	-	4.97	V
					AT 002 TRIS	87.39	9.36	5.09	74.77	1	0	-4484	-	0	-63913	-	14.25	V
					AT 002 TRIS	233.03	9.36	5.09	74.77	1	0	7260	-	-2	56197	-	7.74	V
172	486	Piano 3	17-20	32	AT DEFAUL T_001	0.00	10.24	4.21	58.68	4	0	19606	-	-1	67044	-	3.42	V
					AT DEFAUL T_001	141.53	3.08	8.23	55.54	1	0	-23983	-	-1	-70621	-	2.94	V
					AT DEFAUL T_001	212.30	10.24	4.21	58.68	5	0	11957	-	-1	67044	-	5.61	V
173	492	Piano 3	18-21	37	INTERN A	0.00	10.24	4.21	57.71	3	0	-7075	-	2	-37831	-	5.35	V
					INTERN A	186.29	3.08	8.23	54.57	1	0	-8592	-	0	-25762	-	3.00	V
					INTERN A	298.06	10.24	4.21	57.71	1	0	-21859	-	2	-37831	-	1.73	V
174	493	Piano 3	19-20	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-5923	-	0	-67618	-	11.42	V
					AT 002 TRIS	221.22	3.08	8.64	72.04	1	0	4592	-	-2	57108	-	12.44	V
					AT 002 TRIS	589.93	13.38	4.62	78.32	1	0	-9633	-	0	-67618	-	7.02	V
176	495	Piano 3	20-21	20	AT 002 TRIS	0.00	9.36	5.09	74.77	3	0	30039	-	-2	56197	-	1.87	V
					AT 002 TRIS	136.27	9.36	5.09	74.77	1	0	11004	-	-2	56197	-	5.11	V
					AT 002 TRIS	218.03	9.36	5.09	74.77	1	0	36336	-	-2	56197	-	1.55	V
177	496	Piano 3	20-23	18	AT 002 QUINQ UES	0.00	12.25	3.08	91.67	1	0	4034	-	1	121815	-	30.20	V
					AT 002 QUINQ UES	170.56	3.08	9.11	88.53	1	0	-2200	-	-1	-128315	-	58.32	V
					AT 002 QUINQ UES	272.89	12.25	3.08	91.67	1	0	-12049	-	2	-143068	-	11.87	V
178	500	Piano 3	21-24	37	INTERN A	0.00	10.24	4.21	57.71	1	0	-21054	-	2	-37831	-	1.80	V
					INTERN A	104.36	3.08	8.23	54.57	1	0	-7672	-	0	-25762	-	3.36	V
					INTERN A	278.30	10.24	4.21	57.71	2	0	-7423	-	2	-37831	-	5.10	V
179	501	Piano 3	22-23	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-7037	-	0	-67618	-	9.61	V
					AT 002 TRIS	370.20	3.08	8.64	72.04	1	0	5446	-	-2	57108	-	10.49	V
					AT 002 TRIS	592.32	13.38	4.62	78.32	1	0	-12391	-	0	-67618	-	5.46	V
181	503	Piano 3	23-24	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-14709	-	0	-63913	-	4.35	V
					AT 002 TRIS	86.49	9.36	5.09	74.77	1	0	-4745	-	0	-63913	-	13.47	V
					AT 002 TRIS	230.64	9.36	5.09	74.77	1	0	9682	-	-2	56197	-	5.80	V
182	504	Piano 3	23-26	18	AT 002 QUINQ UES	0.00	12.25	3.08	91.67	1	0	-45206	-	2	-143068	-	3.16	V
					AT 002 QUINQ UES	107.96	3.08	9.11	88.53	2	0	-11532	-	-1	-128315	-	11.13	V
					AT 002 QUINQ UES	287.89	12.25	3.08	91.67	1	0	35653	-	1	121815	-	3.42	V
185	507	Piano 3	25-26	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-19694	-	0	-67618	-	3.43	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	10511	-	-2	57108	-	5.43	V
					AT 002 TRIS	604.93	13.38	4.62	78.32	1	0	-14091	-	0	-67618	-	4.80	V
187	509	Piano 3	26-27	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	14342	-	-2	56197	-	3.92	V
					AT 002 TRIS	145.64	9.36	5.09	74.77	1	0	6370	-	-2	56197	-	8.82	V
					AT 002 TRIS	233.03	9.36	5.09	74.77	1	0	-18714	-	0	-63913	-	3.42	V
189	511	Piano 3	28-27	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-23191	-	4	-137026	-	5.91	V
					AT 002 BIS	179.74	3.08	6.16	85.58	1	0	11015	-	0	126519	-	11.49	V
					AT 002 BIS	287.59	9.24	3.08	88.66	1	0	28414	-	-4	121708	-	4.28	V
190	512	Piano 3	27-31	32	AT DEFAUL T_001	0.00	10.24	4.21	58.68	1	0	-23494	-	-1	-82142	-	3.50	V
					AT DEFAUL T_001	176.91	3.08	8.23	55.54	1	0	7022	-	-1	73216	-	10.43	V
					AT DEFAUL T_001	283.06	10.24	4.21	58.68	1	0	21635	-	-1	67044	-	3.10	V
191	513	Piano 3	32-28	38	INTERN	0.00	13.38	3.08	59.72	5	0	-30669	-	1	-43534	-	1.42	V

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					A_001													
					INTERN A_001	102.29	3.08	7.10	53.44	6	0	-7397	-	-1	-25025	-	3.38	V
					INTERN A_001	272.78	16.52	3.08	62.86	1	0	-29180	-	1	-49965	-	1.71	V
192	514	Piano 3	29-30	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	1	0	18290	-	0	65334	-	3.57	V
					AT DEFAULT T_001	226.85	3.08	6.16	53.47	1	0	12874	-	2	70081	-	5.44	V
					AT DEFAULT T_001	604.93	9.24	3.08	56.55	1	0	-12384	-	0	-79747	-	6.44	V
194	516	Piano 3	30-31	16	AT 002 BIS	58.26	9.24	3.08	88.66	1	0	-7505	-	4	-137026	-	18.26	V
					AT 002 BIS	145.64	3.08	6.16	85.58	1	0	18510	-	0	126519	-	6.84	V
					AT 002 BIS	233.03	9.24	3.08	88.66	1	0	30754	-	-4	121708	-	3.96	V
196	518	Piano 3	31-32	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	1	0	25396	-	0	65334	-	2.57	V
					AT DEFAULT T_001	107.82	3.08	6.16	53.47	1	0	9270	-	2	70081	-	7.56	V
					AT DEFAULT T_001	287.52	9.24	3.08	56.55	3	0	18035	-	0	65334	-	3.62	V
198	520	Piano 3	36-32	38	INTERN A_001	0.00	9.11	7.10	59.47	1	0	-6224	-	1	-37423	-	6.01	V
					INTERN A_001	161.61	3.08	7.10	53.44	1	0	-2211	-	-1	-25025	-	11.32	V
					INTERN A_001	258.57	9.11	7.10	59.47	5	0	-6722	-	1	-37423	-	5.57	V
199	524	Piano 3	33-34	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-15422	-	0	-67618	-	4.38	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	9301	-	-2	57108	-	6.14	V
					AT 002 TRIS	604.94	13.38	4.62	78.32	1	0	-10363	-	0	-67618	-	6.53	V
201	526	Piano 3	34-35	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	3410	-	-2	56197	-	16.48	V
					AT 002 TRIS	155.02	9.36	5.09	74.77	1	0	-3185	-	0	-63913	-	20.07	V
					AT 002 TRIS	248.03	9.36	5.09	74.77	1	0	-8595	-	0	-63913	-	7.44	V
203	528	Piano 3	35-36	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	1	0	-14763	-	0	-79747	-	5.40	V
					AT DEFAULT T_001	189.08	3.08	6.16	53.47	1	0	5784	-	2	70081	-	12.12	V
					AT DEFAULT T_001	302.52	9.24	3.08	56.55	2	0	14952	-	0	65334	-	4.37	V
205	530	Piano 3	38-36	38	INTERN A_001	0.00	9.24	7.10	59.60	8	0	-4395	-	1	-37698	-	8.58	V
					INTERN A_001	125.98	4.62	7.10	54.98	3	0	-12354	-	0	-28195	-	2.28	V
					INTERN A_001	201.56	9.24	7.10	59.60	1	0	-26501	-	1	-37698	-	1.42	V
206	531	Piano 3	37-38	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	2	0	35584	-	0	65334	-	1.84	V
					AT DEFAULT T_001	107.89	3.08	6.16	53.47	1	0	19646	-	2	70081	-	3.57	V
					AT DEFAULT T_001	287.70	9.24	3.08	56.55	1	0	12676	-	0	65334	-	5.15	V
207	532	Piano 3	37-41	32	AT DEFAULT T_001	0.00	10.24	4.21	58.68	1	0	9352	-	-1	67044	-	7.17	V
					AT DEFAULT T_001	45.12	3.08	8.23	55.54	1	0	-9241	-	-1	-70621	-	7.64	V
					AT DEFAULT T_001	72.19	10.24	4.21	58.68	1	0	-20476	-	-1	-82142	-	4.01	V
209	534	Piano 3	39-40	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	2	0	38451	-	0	65334	-	1.70	V
					AT DEFAULT T_001	216.95	3.08	6.16	53.47	1	0	14830	-	2	70081	-	4.73	V
					AT DEFAULT T_001	578.52	9.24	3.08	56.55	1	0	-39603	-	0	-79747	-	2.01	V
210	535	Piano 3	40-41	43	AT SOLO SOTTO	0.00	9.24	3.08	88.34	1	0	-12166	-	-1	-41471	-	3.41	V
					AT SOLO SOTTO	134.02	3.08	6.16	85.26	1	0	-5932	-	5	-30846	-	5.20	V
					AT SOLO SOTTO	214.44	9.24	3.08	88.34	1	0	-12587	-	-1	-41471	-	3.29	V
212	540	Piano 3	41-42	32	AT	0.00	9.24	3.08	56.55	2	0	44376	-	0	65334	-	1.47	V

16	131	Piano 1	10-11	13	1	22	0	563	0.00015	0.00865	59.32	V
					9	20	0	-463	0.00012	0.00645	55.87	V
30	151	Piano 1	18-21	37	1	15	0	-1054	0.00008	0.00624	76.46	V
					9	11	0	-5449	0.00005	0.00731	143.91	V
88	308	Piano 2	10-11	12	1	1	0	6513	0.00013	0.01310	97.94	V
					9	22	0	536	0.00012	0.01082	86.92	V
102	327	Piano 2	18-21	37	1	14	0	-4859	0.00018	0.00600	32.65	V
					9	14	0	-8724	0.00015	0.00667	44.93	V
139	370	Piano 2	40-41	43	1	16	0	2475	0.00040	0.00545	13.73	V
					9	14	0	-1383	0.00028	0.00393	14.02	V
159	473	Piano 3	10-11	19	1	1	0	4224	0.00023	0.00766	32.81	V
					9	21	0	-516	0.00019	0.00395	20.70	V
171	485	Piano 3	17-18	20	1	13	0	3448	0.00006	0.00806	137.30	V
					9	13	0	-969	0.00004	0.00550	123.03	V
173	492	Piano 3	18-21	37	1	17	0	-609	0.00022	0.00568	25.47	V
					9	19	0	-6282	0.00012	0.00733	62.87	V
178	500	Piano 3	21-24	37	1	7	0	-12179	0.00013	0.00573	45.28	V
					9	9	0	-4136	0.00029	0.00507	17.46	V
181	503	Piano 3	23-24	20	1	11	0	4951	0.00013	0.00986	78.19	V
					9	12	0	2944	0.00013	0.00866	67.61	V
185	507	Piano 3	25-26	20	1	4	0	15901	0.00016	0.00599	36.74	V
					9	15	0	5698	0.00018	0.00919	51.52	V
192	514	Piano 3	29-30	32	1	1	0	-18290	0.00010	0.00517	51.93	V
					9	1	0	12384	0.00011	0.00789	74.16	V
198	520	Piano 3	36-32	38	1	9	0	-3964	0.00018	0.00471	26.64	V
					9	9	0	-4474	0.00018	0.00471	26.64	V
201	526	Piano 3	34-35	20	1	21	0	756	0.00015	0.00692	46.39	V
					9	18	0	1491	0.00015	0.00726	50.05	V
209	534	Piano 3	39-40	32	1	5	0	30050	0.00003	0.00584	201.36	V
					9	8	0	-24496	0.00019	0.00700	37.29	V
210	535	Piano 3	40-41	43	1	8	0	-7326	0.00020	0.00396	19.90	V
					9	9	0	-7879	0.00022	0.00396	18.31	V
222	628	Piano 4	29-30	19	1	1	0	6901	0.00019	0.00699	37.24	V
					9	13	0	2865	0.00009	0.00386	43.41	V
226	632	Piano 4	31-32	19	1	3	0	-649	0.00005	0.00291	59.08	V
					9	20	0	220	0.00012	0.00662	53.49	V
231	637	Piano 4	34-35	20	1	22	0	316	0.00021	0.00844	40.98	V
					9	19	0	2805	0.00016	0.00943	59.24	V
236	642	Piano 4	37-38	5	1	10	0	897	0.00004	0.00342	83.78	V
					9	22	0	44	0.00008	0.00473	56.29	V
240	646	Piano 4	40-41	38	1	9	0	-14682	0.00015	0.00614	41.23	V
					9	14	0	-2460	0.00018	0.00563	31.49	V
241	647	Piano 4	41-42	19	1	15	0	1244	0.00011	0.00366	34.19	V
					9	13	0	-392	0.00003	0.00343	122.46	V

1.1.2.2.1.4 Verifiche a Taglio - SLV

Camp : campata alla quale appartengono le aste riportate;

Asta : numerazione interna dell'asta;

Imp. : impalcato al quale appartiene l'asta considerata;

Fili : fili fissi ai quali appartiene l'asta considerata;

Tipo Sez. : tipo di sezione dell'asta considerata;

Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Aree ferro:

A_{Staffe} : valore dell'area delle staffe della sezione;

A_{Sag} : valore dell'area dei sagomati della sezione;

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;

V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;

Tagli Resistenti:

V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;

V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

N_{br} : numero di bracci di cui è composta la staffa;

TABULATI DI CALCOLO

D_{Staffe} : interasse tra le staffe;
 L_{Tr} : lunghezza dei tratti per cui si ha D_{Staffe} ;
 S_{XY} : coefficiente di sicurezza relativo a V_{sdXY}
 S_{XZ} : coefficiente di sicurezza relativo a V_{sdXZ}
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 10.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro		cot 0XY [°]	cot 0XZ [°]	Tagli Sollecitanti		Tagli Resistenti							
						A _{Staffe} [cm ²]	A _{Sag} [cm ²]			V _{sdx} [daN]	V _{sdxz} [daN]	V _{rdx} [daN]	V _{rdxz} [daN]	N _{br}	D _{Staffe} [cm]	L _{Tr} [cm]	S _{XY}		
2	115	Piano 1	1-4	5	Ini	1.01	0.00	2.50	2.50	18	10431	9657	15007	2	25.0	349	532.24	1.44	V
5	120	Piano 1	3-6	5	Ini	1.01	0.00	2.50	2.50	12	6662	9657	15007	2	25.0	349	800.99	2.25	V
6	121	Piano 1	4-5	6	Ini	1.01	0.00	2.50	2.50	16	2328	14980	4547	2	25.0	605	919.28	1.95	V
7	122	Piano 1	4-7	5	Ini	1.01	0.00	2.50	2.50	12	9203	9657	15007	2	25.0	293	800.35	1.63	V
8	123	Piano 1	5-6	6	Ini	1.01	0.00	2.50	2.50	62	1795	14980	4547	2	25.0	249	241.82	2.53	V
9	124	Piano 1	5-8	5	Ini	1.01	0.00	2.50	2.50	25	9230	9657	15007	2	25.0	293	389.67	1.63	V
10	125	Piano 1	6-9	5	Ini	1.01	0.00	2.50	2.50	23	6440	9657	15007	2	25.0	293	416.03	2.33	V
11	126	Piano 1	7-8	6	Ini	1.01	0.00	2.50	2.50	16	2332	14980	4547	2	25.0	605	948.16	1.95	V
12	127	Piano 1	7-10	5	Ini	1.01	0.00	2.50	2.50	15	9263	9657	15007	2	25.0	293	658.20	1.62	V
13	128	Piano 1	8-9	6	Ini	1.01	0.00	2.50	2.50	45	1817	14980	4547	2	25.0	248	330.59	2.50	V
14	129	Piano 1	8-11	5	Ini	1.01	0.00	2.50	2.50	33	9232	9657	15007	2	25.0	293	294.56	1.63	V
15	130	Piano 1	9-12	5	Ini	1.01	0.00	2.50	2.50	23	6526	9657	15007	2	25.0	293	415.11	2.30	V
16	131	Piano 1	10-11	13	Ini	1.01	0.00	2.50	2.50	14	3412	9630	14980	2	25.0	605	702.22	4.39	V
17	132	Piano 1	10-13	12	Ini	1.01	0.00	2.50	2.50	7	9326	9657	15007	2	25.0	293	1405.25	1.61	V
19	134	Piano 1	11-14	5	Ini	1.01	0.00	2.50	2.50	7	9191	9657	15007	2	25.0	293	1454.27	1.63	V
20	135	Piano 1	12-15	5	Ini	1.01	0.00	2.50	2.50	4	6666	9657	15007	2	25.0	293	2369.76	2.25	V
21	136	Piano 1	13-14	6	Ini	1.01	0.00	2.50	2.50	18	2332	14980	4547	2	25.0	605	827.94	1.95	V
22	137	Piano 1	13-16	12	Ini	1.01	0.00	2.50	2.50	9	9229	9657	15007	2	25.0	303	1054.18	1.63	V
23	138	Piano 1	14-15	6	Ini	1.01	0.00	2.50	2.50	29	1772	14980	4547	2	25.0	248	510.73	2.57	V
25	140	Piano 1	15-18	5	Ini	1.01	0.00	2.50	2.50	11	6149	9657	15007	2	25.0	303	874.18	2.44	V
26	141	Piano 1	16-17	6	Ini	1.01	0.00	2.50	2.50	20	2319	14980	4547	2	25.0	590	762.69	1.96	V
27	142	Piano 1	16-19	13	Ini	1.01	0.00	2.50	2.50	7	8990	9657	15007	2	25.0	303	1404.07	1.67	V
28	143	Piano 1	17-18	6	Ini	1.01	0.00	2.50	2.50	46	1957	14980	4547	2	25.0	233	327.79	2.32	V
31	152	Piano 1	19-20	6	Ini	1.01	0.00	2.50	2.50	26	2317	14980	4547	2	25.0	590	565.98	1.96	V
32	153	Piano 1	19-22	5	Ini	1.01	0.00	2.50	2.50	33	9482	9657	15007	2	25.0	293	293.73	1.58	V
33	154	Piano 1	20-21	6	Ini	1.01	0.00	2.50	2.50	42	2222	14980	4547	2	25.0	218	358.20	2.05	V
34	155	Piano 1	20-23	5	Ini	1.01	0.00	2.50	2.50	20	10715	9657	15007	2	25.0	263	473.11	1.40	V
35	159	Piano 1	21-24	5	Ini	1.01	0.00	2.50	2.50	29	8207	9657	15007	2	25.0	268	329.12	1.83	V
36	160	Piano 1	21-43	26	Ini	1.57	0.00	1.00	1.00	31	9967	10700	19059	2	10.0	288	343.03	1.91	V
37	164	Piano 1	22-23	6	Ini	1.01	0.00	2.50	2.50	34	2322	14980	4547	2	25.0	592	446.52	1.96	V
38	165	Piano 1	22-25	13	Ini	1.01	0.00	2.50	2.50	12	9451	9657	15007	2	25.0	293	788.68	1.59	V
39	166	Piano 1	23-24	6	Ini	1.01	0.00	2.50	2.50	41	1737	14980	4547	2	25.0	231	363.31	2.62	V
40	167	Piano 1	23-26	5	Ini	1.01	0.00	2.50	2.50	6	10659	9657	15007	2	25.0	278	1547.55	1.41	V
41	168	Piano 1	24-27	13	Ini	1.01	0.00	2.50	2.50	2	8330	9657	15007	2	25.0	287	4042.37	1.80	V
42	169	Piano 1	44-24	19	Ini	1.01	0.00	2.30	2.30	56	6843	14725	22598	2	15.0	303	263.17	3.30	V
43	170	Piano 1	25-26	6	Ini	1.01	0.00	2.50	2.50	28	2330	14980	4547	2	25.0	605	528.78	1.95	V
44	171	Piano 1	25-29	5	Ini	1.01	0.00	2.50	2.50	35	10724	9657	15007	2	25.0	303	274.69	1.40	V
45	172	Piano 1	26-27	6	Ini	1.01	0.00	2.50	2.50	55	1760	14980	4547	2	25.0	233	273.45	2.58	V
46	173	Piano 1	26-30	5	Ini	1.01	0.00	2.50	2.50	12	10500	9657	15007	2	25.0	288	814.46	1.43	V
48	178	Piano 1	27-31	5	Ini	1.01	0.00	2.50	2.50	16	8666	9657	15007	2	25.0	288	611.13	1.73	V
51	181	Piano 1	29-33	5	Ini	1.01	0.00	2.50	2.50	46	9802	9657	15007	2	25.0	288	208.39	1.53	V
53	183	Piano 1	30-34	5	Ini	1.01	0.00	2.50	2.50	29	9139	9657	15007	2	25.0	278	333.42	1.64	V
55	185	Piano 1	31-35	5	Ini	1.01	0.00	2.50	2.50	6	8903	9657	15007	2	25.0	204	1631.96	1.69	V
57	191	Piano 1	33-34	6	Ini	1.01	0.00	2.50	2.50	31	2333	14980	4547	2	25.0	605	489.21	1.95	V
58	192	Piano 1	33-39	5	Ini	1.01	0.00	2.50	2.50	12	10160	9657	15007	2	25.0	339	829.30	1.48	V
59	193	Piano 1	34-35	6	Ini	1.01	0.00	2.50	2.50	35	1584	14980	4547	2	25.0	248	429.21	2.87	V

TABULATI DI CALCOLO

62	196	Piano 1	35-3 7	5	Ini	1.01	0.00	2.50	2.50	149	6913	9657	15007	2	25.0	222	64.99	2.17	V
63	197	Piano 1	38-3 6	5	Ini	1.01	0.00	2.50	2.50	63	6923	9630	14980	2	25.0	202	152.76	2.16	V
66	200	Piano 1	42-3 8	5	Ini	1.01	0.00	2.50	2.50	41	10368	9630	14980	2	25.0	82	234.13	1.44	V
69	205	Piano 1	40-4 8	26	Ini	1.01	0.00	1.60	1.60	16	2274	9781	17334	2	15.0	125	628.61	7.62	V
71	208	Piano 1	41-4 7	26	Ini	1.01	0.00	1.60	1.60	24	1822	9781	17293	2	15.0	125	409.23	9.49	V
74	292	Piano 2	1-4	5	Ini	1.01	0.00	2.50	2.50	34	10310	9657	15007	2	25.0	359	282.73	1.46	V
75	293	Piano 2	2-3	13	Ini	1.01	0.00	2.50	2.50	3	6846	9630	14980	2	25.0	218	3377.9 6	2.19	V
77	297	Piano 2	3-6	5	Ini	1.01	0.00	2.50	2.50	1	7160	9657	15007	2	25.0	359	7791.3 4	2.10	V
78	298	Piano 2	4-5	23	Ini	1.01	0.00	2.50	2.50	30	2343	14980	4547	2	25.0	605	495.01	1.94	V
79	299	Piano 2	4-7	5	Ini	1.01	0.00	2.50	2.50	21	9201	9657	15007	2	25.0	303	451.67	1.63	V
80	300	Piano 2	5-6	23	Ini	1.01	0.00	2.50	2.50	12	2094	14980	4547	2	25.0	249	1258.6 4	2.17	V
81	301	Piano 2	5-8	5	Ini	1.01	0.00	2.50	2.50	12	10063	9657	15007	2	25.0	303	780.10	1.49	V
82	302	Piano 2	6-9	5	Ini	1.01	0.00	2.50	2.50	3	6587	9657	15007	2	25.0	303	3110.6 3	2.28	V
83	303	Piano 2	7-8	23	Ini	1.01	0.00	2.50	2.50	25	2348	14980	4547	2	25.0	605	592.50	1.94	V
84	304	Piano 2	7-10	5	Ini	1.01	0.00	2.50	2.50	32	9192	9657	15007	2	25.0	303	298.92	1.63	V
85	305	Piano 2	8-9	23	Ini	1.01	0.00	2.50	2.50	10	2172	14980	4547	2	25.0	248	1438.7 5	2.09	V
86	306	Piano 2	8-11	5	Ini	1.01	0.00	2.50	2.50	18	9553	9657	15007	2	25.0	303	539.77	1.57	V
87	307	Piano 2	9-12	5	Ini	1.01	0.00	2.50	2.50	3	6335	9657	15007	2	25.0	303	3284.4 0	2.37	V
88	308	Piano 2	10-1 1	12	Ini	1.01	0.00	2.50	2.50	20	3585	9630	14980	2	25.0	605	487.67	4.18	V
89	309	Piano 2	10-1 3	5	Ini	1.01	0.00	2.50	2.50	4	9194	9657	15007	2	25.0	303	2334.3 9	1.63	V
91	311	Piano 2	11-1 4	5	Ini	1.01	0.00	2.50	2.50	6	9720	9657	15007	2	25.0	303	1492.0 5	1.54	V
92	312	Piano 2	12-1 5	5	Ini	1.01	0.00	2.50	2.50	7	6443	9657	15007	2	25.0	303	1435.3 1	2.33	V
93	313	Piano 2	13-1 4	23	Ini	1.01	0.00	2.50	2.50	18	2348	14980	4547	2	25.0	605	823.00	1.94	V
94	314	Piano 2	13-1 6	5	Ini	1.01	0.00	2.50	2.50	24	8956	9657	15007	2	25.0	313	410.26	1.68	V
95	315	Piano 2	14-1 5	23	Ini	1.01	0.00	2.50	2.50	11	2122	14980	4547	2	25.0	248	1320.5 6	2.14	V
97	317	Piano 2	15-1 8	5	Ini	1.01	0.00	2.50	2.50	3	6306	9657	15007	2	25.0	313	2937.8 7	2.38	V
98	318	Piano 2	16-1 7	23	Ini	1.01	0.00	2.50	2.50	13	2326	14980	4547	2	25.0	590	1115.7 7	1.95	V
99	319	Piano 2	16-1 9	12	Ini	1.01	0.00	2.50	2.50	2	9049	9657	15007	2	25.0	313	6346.8 0	1.66	V
100	320	Piano 2	17-1 8	23	Ini	1.01	0.00	2.50	2.50	50	2303	14980	4547	2	25.0	233	296.74	1.97	V
103	328	Piano 2	19-2 0	23	Ini	1.01	0.00	2.50	2.50	13	2322	14980	4547	2	25.0	590	1172.0 8	1.96	V
104	329	Piano 2	19-2 2	5	Ini	1.01	0.00	2.50	2.50	18	9043	9657	15007	2	25.0	303	538.72	1.66	V
105	330	Piano 2	20-2 1	23	Ini	1.01	0.00	2.50	2.50	40	2749	14980	4547	2	25.0	218	374.00	1.65	V
107	335	Piano 2	21-2 4	5	Ini	1.01	0.00	2.50	2.50	32	9683	9657	15007	2	25.0	278	306.15	1.55	V
108	336	Piano 2	22-2 3	23	Ini	1.01	0.00	2.50	2.50	29	2331	14980	4547	2	25.0	592	512.41	1.95	V
109	337	Piano 2	22-2 5	5	Ini	1.01	0.00	2.50	2.50	59	9489	9657	15007	2	25.0	303	163.38	1.58	V
110	338	Piano 2	23-2 4	23	Ini	1.01	0.00	2.50	2.50	47	2120	14980	4547	2	25.0	231	316.92	2.15	V
112	340	Piano 2	24-2 7	5	Ini	1.01	0.00	2.50	2.50	103	8029	9657	15007	2	25.0	312	93.45	1.87	V
113	341	Piano 2	24-4 4	19	Ini	1.01	0.00	2.30	2.30	94	7595	14725	22632	2	15.0	303	157.38	2.98	V
114	342	Piano 2	25-2 6	23	Ini	1.01	0.00	2.50	2.50	34	2340	14980	4547	2	25.0	605	435.84	1.94	V
115	343	Piano 2	25-2 9	5	Ini	1.01	0.00	2.50	2.50	18	9985	9657	15007	2	25.0	293	528.05	1.50	V
116	344	Piano 2	26-2 7	23	Ini	1.01	0.00	2.50	2.50	31	1992	14980	4547	2	25.0	248	489.43	2.28	V
117	345	Piano 2	26-3 0	5	Ini	1.01	0.00	2.50	2.50	33	9730	9657	15007	2	25.0	298	288.96	1.54	V
122	350	Piano 2	29-3 3	5	Ini	1.01	0.00	2.50	2.50	35	9242	9657	15007	2	25.0	278	273.01	1.62	V
124	352	Piano 2	30-3 4	5	Ini	1.01	0.00	2.50	2.50	49	10017	9657	15007	2	25.0	278	196.75	1.50	V
126	354	Piano 2	31-3 5	5	Ini	1.01	0.00	2.50	2.50	110	8185	9657	15007	2	25.0	184	87.87	1.83	V
128	359	Piano 2	33-3 4	23	Ini	1.01	0.00	2.50	2.50	29	2333	14980	4547	2	25.0	605	510.88	1.95	V
129	360	Piano 2	33-3 9	5	Ini	1.01	0.00	2.50	2.50	37	10595	9657	15007	2	25.0	359	259.05	1.42	V
130	361	Piano 2	34-3 5	23	Ini	1.01	0.00	2.50	2.50	66	1941	14980	4547	2	25.0	248	228.52	2.34	V
137	368	Piano 2	42-3 8	5	Ini	1.01	0.00	2.50	2.50	241	10451	12037	18725	2	20.0	92	49.86	1.79	V
140	373	Piano 2	40-4 8	26	Ini	1.01	0.00	1.60	1.60	15	3484	9781	17246	2	15.0	125	674.39	4.95	V
142	376	Piano 2	41-4 7	26	Ini	1.01	0.00	1.60	1.60	19	1851	9781	17213	2	15.0	125	501.61	9.30	V
145	457	Piano 3	1-4	19	Ini	1.01	0.00	2.50	2.50	72	7026	9657	15007	2	25.0	359	133.69	2.14	V
146	458	Piano 3	2-3	19	Ini	1.01	0.00	2.50	2.50	164	11947	9657	15007	2	25.0	218	58.71	1.26	V
147	461	Piano 3	2-5	19	Ini	1.01	0.00	2.50	2.50	33	9451	9657	15007	2	25.0	359	296.46	1.59	V

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148	462	Piano 3	3-6	19	Ini	1.01	0.00	2.50	2.50	26	5418	9657	15007	2	25.0	359	374.37	2.77	V
150	464	Piano 3	4-7	19	Ini	1.01	0.00	2.50	2.50	66	5880	9657	15007	2	25.0	303	146.32	2.55	V
152	466	Piano 3	5-8	19	Ini	1.01	0.00	2.50	2.50	22	7539	9657	15007	2	25.0	303	433.45	1.99	V
153	467	Piano 3	6-9	19	Ini	1.01	0.00	2.50	2.50	27	4110	9657	15007	2	25.0	303	354.38	3.65	V
155	469	Piano 3	7-10	19	Ini	1.01	0.00	2.50	2.50	31	5846	9657	15007	2	25.0	303	307.37	2.57	V
157	471	Piano 3	8-11	5	Ini	1.01	0.00	2.50	2.50	14	7633	9657	15007	2	25.0	303	708.01	1.97	V
158	472	Piano 3	9-12	19	Ini	1.01	0.00	2.50	2.50	11	3818	9657	15007	2	25.0	303	875.49	3.93	V
159	473	Piano 3	10-1	19	Ini	1.01	0.00	2.50	2.50	11	3169	9630	14980	2	25.0	605	863.42	4.73	V
160	474	Piano 3	10-1	19	Ini	1.01	0.00	2.50	2.50	8	5711	9657	15007	2	25.0	303	1255.5	2.63	V
161	475	Piano 3	11-1	19	Ini	1.01	0.00	2.50	2.50	43	4654	9657	15007	2	25.0	248	226.33	3.22	V
162	476	Piano 3	11-1	19	Ini	1.01	0.00	2.50	2.50	48	7870	9657	15007	2	25.0	303	199.31	1.91	V
163	477	Piano 3	12-1	19	Ini	1.01	0.00	2.50	2.50	55	3738	9657	15007	2	25.0	303	175.73	4.01	V
165	479	Piano 3	13-1	19	Ini	1.01	0.00	2.50	2.50	54	5794	9657	15007	2	25.0	313	179.56	2.59	V
168	482	Piano 3	15-1	19	Ini	1.01	0.00	2.50	2.50	8	4237	9657	15007	2	25.0	313	1258.7	3.54	V
170	484	Piano 3	16-1	19	Ini	1.01	0.00	2.50	2.50	14	5826	9657	15007	2	25.0	313	703.61	2.58	V
175	494	Piano 3	19-2	19	Ini	1.01	0.00	2.50	2.50	51	5633	9657	15007	2	25.0	303	189.45	2.66	V
180	502	Piano 3	22-2	19	Ini	1.01	0.00	2.50	2.50	18	7244	9657	15007	2	25.0	303	546.06	2.07	V
183	505	Piano 3	24-2	19	Ini	1.01	0.00	2.50	2.50	34	5853	9657	15007	2	25.0	297	286.61	2.56	V
184	506	Piano 3	44-2	19	Ini	1.01	0.00	2.30	2.30	57	2656	14725	22674	2	15.0	303	259.61	8.54	V
186	508	Piano 3	25-2	19	Ini	1.01	0.00	2.50	2.50	111	7239	9657	15007	2	25.0	313	87.16	2.07	V
188	510	Piano 3	26-3	5	Ini	1.01	0.00	2.50	2.50	100	7160	9657	15007	2	25.0	313	96.11	2.10	V
193	515	Piano 3	29-3	19	Ini	1.01	0.00	2.50	2.50	122	7433	9657	15007	2	25.0	298	79.38	2.02	V
195	517	Piano 3	30-3	19	Ini	1.01	0.00	2.50	2.50	234	7508	9657	15007	2	25.0	293	41.26	2.00	V
197	519	Piano 3	31-3	19	Ini	1.01	0.00	2.50	2.50	373	6439	9657	15007	2	25.0	199	25.92	2.33	V
200	525	Piano 3	33-3	19	Ini	1.01	0.00	2.50	2.50	117	7694	9657	15007	2	25.0	359	82.71	1.95	V
202	527	Piano 3	34-4	19	Ini	1.01	0.00	2.50	2.50	103	8202	9657	15007	2	25.0	344	93.72	1.83	V
204	529	Piano 3	35-3	19	Ini	1.01	0.00	2.50	2.50	373	6551	9657	15007	2	25.0	207	25.86	2.29	V
208	533	Piano 3	42-3	19	Ini	1.01	0.00	2.50	2.50	116	9810	9630	14980	2	25.0	92	82.77	1.53	V
211	538	Piano 3	40-4	26	Ini	1.01	0.00	1.60	1.60	26	9984	9781	17334	2	15.0	125	383.28	1.74	V
213	541	Piano 3	41-4	26	Ini	1.01	0.00	1.60	1.60	8	5426	9781	17298	2	15.0	115	1277.6	3.19	V
216	622	Piano 4	25-2	19	Ini	1.01	0.00	2.50	2.50	51	7495	9657	15007	2	25.0	293	188.53	2.00	V
218	624	Piano 4	26-3	5	Ini	1.01	0.00	2.50	2.50	23	7718	9657	15007	2	25.0	298	417.05	1.94	V
220	626	Piano 4	27-3	5	Ini	1.01	0.00	2.50	2.50	128	5551	9630	14980	2	25.0	313	75.19	2.70	V
222	628	Piano 4	29-3	19	Ini	1.01	0.00	2.50	2.50	89	3736	9657	15007	2	25.0	629	108.14	4.02	V
223	629	Piano 4	29-3	19	Ini	1.01	0.00	2.50	2.50	183	7171	9657	15007	2	25.0	298	52.83	2.09	V
224	630	Piano 4	30-3	19	Ini	1.01	0.00	2.50	2.50	200	1787	9630	14980	2	25.0	257	48.06	8.38	V
225	631	Piano 4	30-3	5	Ini	1.01	0.00	2.50	2.50	305	8041	9657	15007	2	25.0	293	31.66	1.87	V
226	632	Piano 4	31-3	19	Ini	1.01	0.00	2.50	2.50	369	1635	9630	14980	2	25.0	314	26.12	9.16	V
227	633	Piano 4	31-3	5	Ini	1.01	0.00	2.50	2.50	229	4127	9657	15007	2	25.0	214	42.21	3.64	V
228	634	Piano 4	36-3	19	Ini	1.01	0.00	2.50	2.50	41	5183	9630	14980	2	25.0	299	235.45	2.89	V
230	636	Piano 4	33-3	19	Ini	1.01	0.00	2.50	2.50	31	7430	9657	15007	2	25.0	354	309.04	2.02	V
232	638	Piano 4	34-4	5	Ini	1.01	0.00	2.50	2.50	18	10262	9657	15007	2	25.0	354	544.58	1.46	V
233	639	Piano 4	35-3	5	Ini	1.01	0.00	2.50	2.50	575	3863	9630	14980	2	25.0	314	16.75	3.88	V
234	640	Piano 4	35-3	5	Ini	1.01	0.00	2.50	2.50	383	5679	9657	15007	2	25.0	222	25.21	2.64	V
235	641	Piano 4	38-3	19	Ini	1.01	0.00	2.50	2.50	565	4370	9630	14980	2	25.0	222	17.03	3.43	V
236	642	Piano 4	37-3	5	Ini	1.01	0.00	2.50	2.50	514	3265	9630	14980	2	25.0	314	18.75	4.59	V
237	643	Piano 4	37-4	5	Ini	1.01	0.00	2.50	2.50	347	4978	9657	15007	2	25.0	97	27.79	3.01	V
238	644	Piano 4	42-3	19	Ini	1.01	0.00	2.50	2.50	328	3624	9630	14980	2	25.0	112	29.40	4.13	V
241	647	Piano 4	41-4	19	Ini	1.01	0.00	2.50	2.50	308	2234	9630	14980	2	25.0	299	31.29	6.71	V

1.1.2.2.1.5 Verifica a Taglio Travi con Ringrossi in CA - SLV

TABULATI DI CALCOLO

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cons : nome consolidamento applicato alla sezione
Blocco : Cons : tratto della sezione consolidata nel quale le staffe di calcolo vengono mantenute costanti;
Aree ferro:
 A_{Staffe} : valore dell'area di calcolo delle staffe della sezione;
 A_{Sag} : valore dell'area dei sagomati della sezione;
Tagli Sollecitanti:
 V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;
Tagli Resistenti:
 V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
 V_{RdXY} : valore del Taglio X-Y resistente di calcolo;
 N_{br} : numero di bracci di calcolo di cui è composta la staffa;
 D_{Staffe} : interasse di calcolo tra le staffe;
 L_{Tr} : lunghezza dei tratti per cui si ha D_{Staffe} ;
 S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
 S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 11.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Cons.	Blocco	Aree ferro		cot θ_{XY} [°]	cot θ_{XZ} [°]	Tagli Sollecitanti		Tagli Resistenti		N_{br}	D_{Staffe} [cm]	L_{Tr} [cm]	S_{XY}	S_{XZ}	Esito
							A_{Staffe} [cm ²]	A_{Sag} [cm ²]			V_{Sdxy} [daN]	V_{Sdez} [daN]	V_{Rdxy} [daN]	V_{Rdez} [daN]						
1	114	Piano 1	1-2	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	26	26658	64960	105852	2	15.00	575	2484. 33	3.97	V
3	116	Piano 1	2-3	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	394	36730	64960	105852	2	15.00	218	164.8 0	2.88	V
4	119	Piano 1	2-5	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	58	22649	65077	105969	2	15.00	349	1129. 71	4.68	V
18	133	Piano 1	11-12	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	25	13801	64960	105852	2	15.00	248	2611. 63	7.67	V
24	139	Piano 1	14-17	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	5	19824	65077	105969	2	15.00	288	-	5.35	V
29	144	Piano 1	17-20	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	50	79273	65077	105969	2	15.00	273	1309. 95	1.34	V
30	151	Piano 1	18-21	37	INTER NA	Cons	2.26	0.00	2.30	2.30	29	10921	74142	98571	2	15.00	288	2555. 65	9.03	V
47	174	Piano 1	28-27	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	4080	50913	67913	106730	2	15.00	288	16.65	2.10	V
49	179	Piano 1	32-28	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	260	26132	74020	98449	2	15.00	263	285.0 9	3.77	V
50	180	Piano 1	29-30	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.70	1.70	84	16317	75295	122692	2	10.00	590	895.3 6	7.52	V
52	182	Piano 1	30-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	116	30073	64960	105852	2	15.00	233	561.6 6	3.52	V
54	184	Piano 1	31-32	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	58	15263	64960	105852	2	15.00	303	1124. 08	6.93	V
56	186	Piano 1	36-32	38	INTER NA_001	Cons	2.26	0.00	2.40	2.40	276	17431	77238	98456	2	15.00	239	279.9 7	5.65	V
60	194	Piano 1	34-40	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	4	23922	65077	105969	2	15.00	334	-	4.43	V
61	195	Piano 1	35-36	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	36	29311	64960	105852	2	15.00	303	1818. 06	3.61	V
64	198	Piano 1	37-38	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	383	14579	64960	105852	2	15.00	303	169.5 9	7.26	V
65	199	Piano 1	37-41	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	8047	38579	68035	109415	2	15.00	87	8.45	2.84	V
67	201	Piano 1	39-40	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.70	1.70	69	30296	75295	122692	2	10.00	579	1093. 18	4.05	V
68	202	Piano 1	40-41	49	TRAVER 4	Cons	66.48	0.00	1.00	1.00	168	106692	195937	200231	4	5.00	214	1167. 68	1.88	V
70	207	Piano 1	41-42	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	90	43381	64960	105852	2	15.00	288	718.4 9	2.44	V
73	291	Piano 2	1-2	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	77	30266	64960	105852	2	15.00	575	847.4 2	3.50	V
76	296	Piano 2	2-5	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	62	23142	65077	105969	2	15.00	359	1048. 22	4.58	V
90	310	Piano 2	11-12	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	13	14688	64960	105852	2	15.00	248	5081. 42	7.21	V
96	316	Piano 2	14-17	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	47	21478	65077	105969	2	15.00	298	1372. 77	4.93	V
101	321	Piano 2	17-20	16	AT 002	Cons	2.26	0.00	2.20	2.20	117	76450	65077	105969	2	15.00	283	555.8	1.39	V

TABULATI DI CALCOLO

102	327	Piano 2	18-21	37	BIS INTER NA	Cons	2.26	0.00	2.30	2.30	45	15100	74142	98571	2	15.00	298	1640. 88	6.53	V
106	331	Piano 2	20-23	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	75	19014	65077	105969	2	15.00	273	868.7 4	5.57	V
111	339	Piano 2	23-26	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	208	28277	65077	105969	2	15.00	288	312.6 2	3.75	V
118	346	Piano 2	28-27	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	267	36158	67913	105852	2	15.00	303	253.9 7	2.93	V
119	347	Piano 2	27-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	33	24689	65077	105969	2	15.00	313	1950. 80	4.29	V
120	348	Piano 2	32-28	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	311	30697	74020	98449	2	15.00	273	238.1 1	3.21	V
121	349	Piano 2	29-30	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	53	15361	64960	105852	2	15.00	590	1235. 55	6.89	V
123	351	Piano 2	30-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	98	41950	64960	105852	2	15.00	233	660.8 1	2.52	V
125	353	Piano 2	31-32	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	174	29292	64960	105852	2	15.00	303	374.3 0	3.61	V
127	355	Piano 2	36-32	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	239	9864	74020	98449	2	15.00	249	309.9 8	9.98	V
131	362	Piano 2	34-40	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	102	25058	65077	105969	2	15.00	344	637.5 7	4.23	V
132	363	Piano 2	35-36	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	217	34314	64960	105852	2	15.00	303	298.7 5	3.08	V
133	364	Piano 2	35-37	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	1151	27876	68035	107461	2	15.00	192	59.12	3.85	V
134	365	Piano 2	38-36	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	52	23058	74020	98449	2	15.00	202	1433. 53	4.27	V
135	366	Piano 2	37-38	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	573	29131	67913	105989	2	15.00	303	118.5 4	3.64	V
136	367	Piano 2	37-41	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	13111	56572	68035	109861	2	15.00	87	5.19	1.94	V
138	369	Piano 2	39-40	16	AT 002 BIS	Cons	2.65	0.00	2.00	2.00	27	35372	69182	112811	2	15.00	579	2561. 19	3.19	V
139	370	Piano 2	40-41	43	AT SOLO SOTTO	Cons	5.09	0.00	1.10	1.10	444	78530	127956	147710	2	10.00	214	288.4 7	1.88	V
141	375	Piano 2	41-42	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	92	53712	64960	105852	2	15.00	288	703.8 4	1.97	V
144	456	Piano 3	1-2	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	83	19740	59055	83210	2	15.00	575	709.8 2	4.22	V
149	463	Piano 3	4-5	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	125	5964	81895	79852	2	10.00	605	652.8 4	13.39	V
151	465	Piano 3	5-6	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	212	5389	81748	79709	2	10.00	249	385.6 3	14.79	V
154	468	Piano 3	7-8	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	71	5705	81903	79860	2	10.00	605	1151. 15	14.00	V
156	470	Piano 3	8-9	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	94	5833	81752	79713	2	10.00	248	870.7 9	13.67	V
164	478	Piano 3	13-14	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	54	5798	81897	79854	2	10.00	605	1511. 20	13.77	V
166	480	Piano 3	14-15	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	144	6092	81757	79718	2	10.00	248	568.4 2	13.09	V
167	481	Piano 3	14-17	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	95	15634	64960	105852	2	15.00	298	684.2 2	6.77	V
169	483	Piano 3	16-17	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	54	6588	81880	79837	2	10.00	590	1525. 39	12.12	V
171	485	Piano 3	17-18	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	174	10166	81696	79658	2	10.00	233	469.1 1	7.84	V
172	486	Piano 3	17-20	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	88	39543	59161	83783	2	15.00	283	668.5 8	2.12	V
173	492	Piano 3	18-21	37	INTER NA	Cons	2.26	0.00	2.30	2.30	82	12988	74142	98571	2	15.00	298	900.1 5	7.59	V
174	493	Piano 3	19-20	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	21	6177	81874	79832	2	10.00	590	3991. 34	12.93	V
176	495	Piano 3	20-21	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	169	33314	81721	79683	2	10.00	218	483.4 0	2.39	V
177	496	Piano 3	20-23	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.80	1.80	170	14751	79724	122821	2	10.00	273	467.8 9	8.33	V
178	500	Piano 3	21-24	37	INTER NA	Cons	2.26	0.00	2.30	2.30	126	14345	74142	98571	2	15.00	278	590.6 8	6.87	V
179	501	Piano 3	22-23	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	72	6837	81849	79808	2	10.00	592	1131. 12	11.67	V
181	503	Piano 3	23-24	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	107	12082	81755	79716	2	10.00	231	766.6 8	6.60	V
182	504	Piano 3	23-26	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.80	1.80	133	33214	79724	123316	2	10.00	288	597.5 3	3.71	V
185	507	Piano 3	25-26	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	123	9119	82950	80881	2	10.00	605	674.5 6	8.87	V
187	509	Piano 3	26-27	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	281	16021	81694	79657	2	10.00	233	290.9 6	4.97	V
189	511	Piano 3	28-27	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	481	20639	64960	105852	2	15.00	288	134.9 3	5.13	V
190	512	Piano 3	27-31	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	498	19424	59161	83332	2	15.00	283	118.8 1	4.29	V
191	513	Piano 3	32-28	38	INTER NA_001	Cons	2.26	0.00	2.40	2.40	291	27051	77238	98873	2	15.00	273	265.5 6	3.66	V
192	514	Piano 3	29-30	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	126	9358	59055	83081	2	15.00	605	467.4 0	8.88	V
194	516	Piano 3	30-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	361	17200	64960	105852	2	15.00	233	180.0 1	6.15	V
196	518	Piano 3	31-32	32	AT	Cons	2.26	0.00	2.00	2.00	617	18270	59055	82800	2	15.00	288	95.73	4.53	V

					DEFAU LT_001															
198	520	Piano 3	36-32	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	696	11936	74020	98449	2	15.00	259	106.3 4	8.25	V
199	524	Piano 3	33-34	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	117	7680	82388	80333	2	10.00	605	706.8 2	10.46	V
201	526	Piano 3	34-35	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	132	6391	81861	79819	2	10.00	248	619.1 5	12.49	V
203	528	Piano 3	35-36	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	1013	12475	59055	82793	2	15.00	303	58.30	6.64	V
205	530	Piano 3	38-36	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	1247	19507	74020	98449	2	15.00	202	59.34	5.05	V
206	531	Piano 3	37-38	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	963	20104	59055	84083	2	15.00	288	61.33	4.18	V
207	532	Piano 3	37-41	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	8650	39309	59161	86776	2	15.00	72	6.84	2.21	V
209	534	Piano 3	39-40	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	7	17646	59055	82827	2	15.00	579	8266. 63	4.69	V
210	535	Piano 3	40-41	43	AT SOLO SOTTO	Cons	5.09	0.00	1.10	1.10	230	33005	128153	147693	2	10.00	214	556.9 9	4.47	V
212	540	Piano 3	41-42	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	361	27175	59055	82753	2	15.00	288	163.5 2	3.05	V
215	621	Piano 4	25-26	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	1291	8567	86830	82209	2	10.00	613	67.25	9.60	V
217	623	Piano 4	26-27	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	4201	7374	84891	82209	2	10.00	242	20.21	11.15	V
219	625	Piano 4	28-27	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.90	1.90	1884	5382	84304	130468	2	10.00	316	44.74	24.24	V
221	627	Piano 4	32-28	38	INTER NA_001	Cons	2.26	0.00	2.40	2.40	496	11753	77238	98484	2	15.00	313	155.8 0	8.38	V
229	635	Piano 4	33-34	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	801	6824	85362	82209	2	10.00	629	106.5 8	12.05	V
231	637	Piano 4	34-35	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	2091	4472	85267	82209	2	10.00	257	40.78	18.38	V
239	645	Piano 4	39-40	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	740	15203	59161	86244	2	15.00	617	79.99	5.67	V
240	646	Piano 4	40-41	38	INTER NA_001	Cons	2.26	0.00	2.50	2.50	2142	20217	80456	107010	2	15.00	223	37.56	5.29	V

1.1.2.3 Aste in Acciaio.

1.1.2.3.1 Verifiche Generiche.

Dati 12.I

Pilastro - IMP. : Piano 1 - Filo 49 - [Asta 289] : T120x120

Sezione T120x120. Acciaio Acciaio1
-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 19 [PGA] [IN]	1	-2915	2	-4	13	-1	0	NO

TIPO VERIFICA : PRESSOFLESSIONE
 Classe sezione : 1
 · Resistenza assiale plastica : 66309.8 daN
 · Mom. res. plastico Y (A.P.I.) : 1763.2 daNm
 · Mom. res. plastico Z (A.P.I.) : 1121.5 daNm
 · Fattore di sicurezza : **19.319**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 9 [PGA] [IN]	7	-3121	2	2	3	1	0	NO

PIANO A.P.I. XY.

PIANO A.P.I. XZ.

· Beta β	: 0.7	· Beta β	: 0.7
· Lungh. libera inflessione l_0	: 2429.0 mm	· Lungh. libera inflessione l_0	: 2429.0 mm
· Snellezza λ	: 98.7	· Snellezza λ	: 69.2
· Capacità portante $N_{b,Rd}$: 339.0 KN	· Capacità portante $N_{b,Rd}$: 465.5 KN
· Fattore di sicurezza	: 10.86	· Fattore di sicurezza	: 14.915

Pilastro - IMP. : Piano 2 - Filo 49 - [Asta 454] : T120x120

Sezione T120x120. Acciaio Acciaio1

-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 19 [PGA] [IN]	7	-2168	12	-12	-24	-22	0	NO

TIPO VERIFICA : PRESSOFLESSIONE

Classe sezione : 1

· Resistenza assiale plastica : 66309.8 daN

· Mom. res. plastico Y (A.P.I.) : 1763.2 daNm

· Mom. res. plastico Z (A.P.I.) : 1121.5 daNm

· Fattore di sicurezza : **15.153**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 9 [PGA] [IN]	7	-2199	-1	-7	-15	1	0	NO

PIANO A.P.I. XY.

· Beta β : 0.7

· Lungh. libera inflessione l_0 : 2471.0 mm

· Snellezza λ : 100.4

· Capacità portante $N_{b,Rd}$: 332.3 KN

· Fattore di sicurezza : **15.11**

PIANO A.P.I. XZ.

· Beta β : 0.7

· Lungh. libera inflessione l_0 : 2471.0 mm

· Snellezza λ : 70.3

· Capacità portante $N_{b,Rd}$: 460.3 KN

· Fattore di sicurezza : **20.927**

Pilastro - IMP. : Piano 3 - Filo 49 - [Asta 619] : T120x120

Sezione T120x120. Acciaio Acciaio1

-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 21 [PGA] [IN]	7	-259	7	-3	-7	-13	0	NO

TIPO VERIFICA : PRESSOFLESSIONE

Classe sezione : 1

· Resistenza assiale plastica : 66309.8 daN

· Mom. res. plastico Y (A.P.I.) : 1763.2 daNm

· Mom. res. plastico Z (A.P.I.) : 1121.5 daNm

· Fattore di sicurezza : **51.841**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 9 [PGA] [IN]	7	-505	-1	-3	-7	2	0	NO

PIANO A.P.I. XY.

· Beta β : 0.7
 · Lungh. libera inflessione l_0 : 2471.0 mm
 · Snellezza λ : 100.4
 · Capacità portante $N_{b,Rd}$: 332.3 KN
 · Fattore di sicurezza : **65.81**

PIANO A.P.I. XZ.

· Beta β : 0.7
 · Lungh. libera inflessione l_0 : 2471.0 mm
 · Snellezza λ : 70.3
 · Capacità portante $N_{b,Rd}$: 460.3 KN
 · Fattore di sicurezza : **91.151**

Pilastro - IMP. : Piano 1 - Filo 50 - [Asta 290] : T120x120

Sezione T120x120. Acciaio Acciaio1

-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 14 [PGA] [IN]	7	-4309	-3	5	10	8	0	NO

TIPO VERIFICA : PRESSOFLESSIONE

Classe sezione : 1

· Resistenza assiale plastica : 66309.8 daN
 · Mom. res. plastico Y (A.P.I.) : 1763.2 daNm
 · Mom. res. plastico Z (A.P.I.) : 1121.5 daNm
 · Fattore di sicurezza : **12.823**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 14 [PGA] [IN]	7	-4309	-3	5	10	8	0	NO

PIANO A.P.I. XY.

· Beta β : 0.7
 · Lungh. libera inflessione l_0 : 2429.0 mm
 · Snellezza λ : 98.7
 · Capacità portante $N_{b,Rd}$: 339.0 KN
 · Fattore di sicurezza : **7.87**

PIANO A.P.I. XZ.

· Beta β : 0.7
 · Lungh. libera inflessione l_0 : 2429.0 mm
 · Snellezza λ : 69.2
 · Capacità portante $N_{b,Rd}$: 465.5 KN
 · Fattore di sicurezza : **10.805**

Pilastro - IMP. : Piano 2 - Filo 50 - [Asta 455] : T120x120

Sezione T120x120. Acciaio Acciaio1

-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 14 [PGA] [IN]	7	-3273	-13	1	1	25	0	NO

TIPO VERIFICA : PRESSOFLESSIONE

Classe sezione : 1

· Resistenza assiale plastica : 66309.8 daN
 · Mom. res. plastico Y (A.P.I.) : 1763.2 daNm
 · Mom. res. plastico Z (A.P.I.) : 1121.5 daNm
 · Fattore di sicurezza : **13.758**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

AZIONI DI PROGETTO								
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Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 14 [PGA] [IN]	7	-3273	-13	1	1	25	0	NO

PIANO A.P.I. XY.

- Beta β : 0.7
- Lungh. libera inflessione l_0 : 2471.0 mm
- Snellezza λ : 100.4
- Capacità portante $N_{b,Rd}$: 332.3 KN
- Fattore di sicurezza : **10.15**

PIANO A.P.I. XZ.

- Beta β : 0.7
- Lungh. libera inflessione l_0 : 2471.0 mm
- Snellezza λ : 70.3
- Capacità portante $N_{b,Rd}$: 460.3 KN
- Fattore di sicurezza : **14.061**

Pilastro - IMP. : Piano 3 - Filo 50 - [Asta 620] : T120x120

Sezione T120x120. Acciaio Acciaio1
-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 21 [PGA] [IN]	1	-353	6	-1	2	11	0	NO

TIPO VERIFICA : PRESSOFLESSIONE

- Classe sezione : 1
- Resistenza assiale plastica : 66309.8 daN
- Mom. res. plastico Y (A.P.I.) : 1763.2 daNm
- Mom. res. plastico Z (A.P.I.) : 1121.5 daNm
- Fattore di sicurezza : **62.057**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 9 [PGA] [IN]	7	-647	-1	-2	-2	2	0	NO

PIANO A.P.I. XY.

- Beta β : 0.7
- Lungh. libera inflessione l_0 : 2471.0 mm
- Snellezza λ : 100.4
- Capacità portante $N_{b,Rd}$: 332.3 KN
- Fattore di sicurezza : **51.34**

PIANO A.P.I. XZ.

- Beta β : 0.7
- Lungh. libera inflessione l_0 : 2471.0 mm
- Snellezza λ : 70.3
- Capacità portante $N_{b,Rd}$: 460.3 KN
- Fattore di sicurezza : **71.100**

Trave - IMP. : Piano 1 - Fili 50, 49 - [Asta 210] : T120x120

Sezione T120x120. Acciaio Acciaio1
-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 14 [PGA] [IN]	7	101	-13	0	2	13	0	NO

TIPO VERIFICA : PRESSOFLESSIONE

- Classe sezione : 1
- Resistenza assiale plastica : 66309.8 daN
- Mom. res. plastico Y (A.P.I.) : 1763.2 daNm
- Mom. res. plastico Z (A.P.I.) : 1121.5 daNm
- Fattore di sicurezza : **69.991**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

L'asta in oggetto non risulta interessata da azioni esterne destabilizzanti di rilievo a carico di punta.

Trave - IMP. : Piano 2 - Fili 50, 49 - [Asta 378] : T120x120**Sezione T120x120. Acciaio Acciaio1**

-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 13 [PGA] [IN]	1	28	-21	0	0	-3	0	NO

TIPO VERIFICA : TRAZIONE
 Azione di progetto (N_{Ed}) : 28.1 daN
 Resistenza di progetto ($N_{t,Rd}$) : 66309.8 daN
 fattore di sicurezza : **1000.000**
 TIPO VERIFICA : TAGLIO
 Piano XY
 · Azione di progetto (V_{Sd}) : 21.0 daN
 · Resistenza di progetto ($V_{pl,Rd}$) : 20157.8 daN
 Piano XZ
 · Azione di progetto (V_{Sd}) : 0.2 daN
 · Resistenza di progetto ($V_{pl,Rd}$) : 20157.8 daN
 fattore di sicurezza : **958.640**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

L'asta in oggetto non risulta interessata da azioni esterne destabilizzanti di rilievo a carico di punta.

Trave - IMP. : Piano 3 - Fili 50, 49 - [Asta 543] : T120x120**Sezione T120x120. Acciaio Acciaio1**

-ESITO VERIFICHE POSITIVO-

VERIFICHE DI RESISTENZA. (ESITO POSITIVO)

AZIONI DI PROGETTO								
Comb. più gravosa	Sez.	N [daN]	Ty [daN]	Tz [daN]	My [daNm]	Mz [daNm]	Mt [danM]	Incr. Az.
Comb 22 [PGA] [ST]	1	77	-18	0	0	-3	0	NO

TIPO VERIFICA : TRAZIONE
 Azione di progetto (N_{Ed}) : 76.7 daN
 Resistenza di progetto ($N_{t,Rd}$) : 66309.8 daN
 fattore di sicurezza : **864.746**
 TIPO VERIFICA : TAGLIO
 Piano XY
 · Azione di progetto (V_{Sd}) : 17.9 daN
 · Resistenza di progetto ($V_{pl,Rd}$) : 20157.8 daN
 Piano XZ
 · Azione di progetto (V_{Sd}) : 0.3 daN
 · Resistenza di progetto ($V_{pl,Rd}$) : 20157.8 daN
 fattore di sicurezza : **1000.000**

VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)

					78.04	28.27	28.27	100.53	11	0	21806	-	0	213069	-	9.77	V
					156.07	28.27	28.27	100.53	12	0	17035	-	0	213069	-	12.51	V
318	110	Fondazio ne	47-48	25	0.00	20.80	20.80	57.68	21	0	-14078	-	0	-126998	-	9.02	V
					127.14	20.80	20.80	57.68	19	0	12573	-	0	126998	-	10.10	V
					203.42	20.80	20.80	57.68	14	0	-16887	-	0	-126998	-	7.52	V

1.1.2.4.2 Travi con Ringrossi in CA

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Tipologia consolidamento : tipo di consolidamento applicato;
 Nome tipologia : nome tipologia della tipologia di consolidamento applicata;

Tabella 14.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Tipologia consolidamento	Nome tipologia
242	1	Fond azion e	1-2	11	Allargamenti Sezione	AS DEFAULT_002
243	2	Fond azion e	1-4	1	Allargamenti Sezione	AS DEFAULT
244	3	Fond azion e	2-3	50	Allargamenti Sezione	DEF_003_003
245	6	Fond azion e	2-5	1	Allargamenti Sezione	AS DEFAULT
247	9	Fond azion e	3-6	1	Allargamenti Sezione	AS DEFAULT
249	12	Fond azion e	4-5	8	Allargamenti Sezione	AS DEFAULT_001
250	13	Fond azion e	4-7	1	Allargamenti Sezione	AS DEFAULT
251	14	Fond azion e	5-6	1	Allargamenti Sezione	AS DEFAULT
252	15	Fond azion e	5-8	1	Allargamenti Sezione	AS DEFAULT
253	16	Fond azion e	6-9	1	Allargamenti Sezione	AS DEFAULT
254	17	Fond azion e	7-8	8	Allargamenti Sezione	AS DEFAULT_001
255	18	Fond azion e	7-10	1	Allargamenti Sezione	AS DEFAULT
256	19	Fond azion e	8-9	1	Allargamenti Sezione	AS DEFAULT
257	20	Fond azion e	8-11	1	Allargamenti Sezione	AS DEFAULT
258	21	Fond azion e	9-12	1	Allargamenti Sezione	AS DEFAULT
259	22	Fond azion e	10-11	8	Allargamenti Sezione	AS DEFAULT_001
260	23	Fond azion e	10-13	1	Allargamenti Sezione	AS DEFAULT
261	24	Fond	11-12	1	Allargamenti Sezione	AS DEFAULT

		azion e				
262	25	Fond azion e	11-14	1	Allargamenti Sezione	AS DEFAULT
263	26	Fond azion e	12-15	1	Allargamenti Sezione	AS DEFAULT
264	27	Fond azion e	14-13	8	Allargamenti Sezione	AS DEFAULT_001
265	28	Fond azion e	13-16	8	Allargamenti Sezione	AS DEFAULT_001
266	29	Fond azion e	14-15	1	Allargamenti Sezione	AS DEFAULT
267	30	Fond azion e	14-17	1	Allargamenti Sezione	AS DEFAULT
268	31	Fond azion e	15-18	1	Allargamenti Sezione	AS DEFAULT
269	32	Fond azion e	16-17	1	Allargamenti Sezione	AS DEFAULT
270	33	Fond azion e	16-19	8	Allargamenti Sezione	AS DEFAULT_001
271	34	Fond azion e	17-18	1	Allargamenti Sezione	AS DEFAULT
272	35	Fond azion e	17-20	42	Allargamenti Sezione	DEF_002_002
273	40	Fond azion e	18-21	1	Allargamenti Sezione	AS DEFAULT
274	41	Fond azion e	19-20	1	Allargamenti Sezione	AS DEFAULT
275	42	Fond azion e	19-22	8	Allargamenti Sezione	AS DEFAULT_001
276	43	Fond azion e	20-21	1	Allargamenti Sezione	AS DEFAULT
277	44	Fond azion e	20-23	42	Allargamenti Sezione	DEF_002_002
278	48	Fond azion e	21-24	1	Allargamenti Sezione	AS DEFAULT
280	53	Fond azion e	22-23	1	Allargamenti Sezione	AS DEFAULT
281	54	Fond azion e	22-25	1	Allargamenti Sezione	AS DEFAULT
282	55	Fond azion e	23-24	1	Allargamenti Sezione	AS DEFAULT
283	56	Fond azion e	23-26	1	Allargamenti Sezione	AS DEFAULT
284	57	Fond azion e	24-27	1	Allargamenti Sezione	AS DEFAULT
286	59	Fond azion e	25-26	1	Allargamenti Sezione	AS DEFAULT
287	60	Fond azion e	25-29	1	Allargamenti Sezione	AS DEFAULT
288	61	Fond	26-27	1	Allargamenti Sezione	AS DEFAULT

		azion e				
289	62	Fond azion e	26-30	1	Allargamenti Sezione	AS DEFAULT
290	63	Fond azion e	28-27	44	Allargamenti Sezione	DEF_003_003
291	67	Fond azion e	27-31	1	Allargamenti Sezione	AS DEFAULT
292	68	Fond azion e	32-28	27	Allargamenti Sezione	AS DEFAULT_002_001
294	73	Fond azion e	29-30	1	Allargamenti Sezione	AS DEFAULT
295	74	Fond azion e	29-33	1	Allargamenti Sezione	AS DEFAULT
296	75	Fond azion e	30-31	1	Allargamenti Sezione	AS DEFAULT
297	76	Fond azion e	30-34	1	Allargamenti Sezione	AS DEFAULT
298	77	Fond azion e	31-32	1	Allargamenti Sezione	AS DEFAULT
299	78	Fond azion e	31-35	1	Allargamenti Sezione	AS DEFAULT
300	79	Fond azion e	36-32	27	Allargamenti Sezione	AS DEFAULT_002_001
301	84	Fond azion e	33-34	1	Allargamenti Sezione	AS DEFAULT
302	85	Fond azion e	33-39	1	Allargamenti Sezione	AS DEFAULT
303	86	Fond azion e	34-35	1	Allargamenti Sezione	AS DEFAULT
304	87	Fond azion e	34-40	1	Allargamenti Sezione	AS DEFAULT
305	88	Fond azion e	35-36	1	Allargamenti Sezione	AS DEFAULT
306	89	Fond azion e	35-37	1	Allargamenti Sezione	AS DEFAULT
307	90	Fond azion e	38-36	27	Allargamenti Sezione	AS DEFAULT_002_001
308	91	Fond azion e	37-38	1	Allargamenti Sezione	AS DEFAULT
309	92	Fond azion e	37-41	8	Allargamenti Sezione	AS DEFAULT_001
310	93	Fond azion e	42-38	27	Allargamenti Sezione	AS DEFAULT_002_001
311	94	Fond azion e	39-40	8	Allargamenti Sezione	AS DEFAULT_001
312	95	Fond azion e	40-41	51	Allargamenti Sezione	DEF_003_003
314	100	Fond azion e	41-42	8	Allargamenti Sezione	AS DEFAULT_001

1.1.2.4.3 Verifica a Flessione Composta Travi con Ringrossi in CA - SLV

Camp	: campata alla quale appartengono le aste riportate;
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Fili	: fili fissi ai quali appartiene l'asta considerata;
Tipo Sez.	: tipo di sezione dell'asta considerata;
Cons	: nome consolidamento applicato alla sezione
X	: distanza dal nodo iniziale misurata lungo l'asse dell'asta
A _{sup}	: valore dell'area di armatura presente all'estradosso della sezione esistente;
A _{inf}	: valore dell'area di armatura presente all'intradosso della sezione esistente;
A _{fl}	: valore dell'area di armatura totale presente nella sezione consolidata;
CC	: numero della combinazione di carico;
Azioni Sollecitanti:	
N _{Sd}	: Sforzo Normale Sollecitante;
M _{SdXZ}	: valore del Momento Flettente X-Z sollecitante di calcolo;
M _{SdXY}	: valore del Momento Flettente X-Y sollecitante di calcolo;
Azioni Resistenti:	
N _{Rd}	: Sforzo Normale Resistente;
M _{RdXZ}	: valore del Momento Flettente X-Z resistente di calcolo;
M _{RdXY}	: valore del Momento Flettente X-Y resistente di calcolo;
S	: valore del coefficiente di sicurezza minimo della sezione;
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 15.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Cons.	X [cm]	A _{sup} [cm²]	A _{inf} [cm²]	A _{fl} [cm²]	CC	Azioni Sollecitanti			Azioni Resistenti			S	Esito
											N _{ed} [daN]	M _{edXZ} [daNm]	M _{edXY} [daNm]	N _{rd} [daN]	M _{rdXZ} [daNm]	M _{rdXY} [daNm]		
242	1	Fondazio ne	1-2	11	AS DEFAULT T_002	0.00	9.42	21.99	184.79	1	0	82659	-	-1	296158	-	3.58	V
					AS DEFAULT T_002	359.33	18.85	6.28	178.51	1	0	-28980	-	2	-288499	-	9.96	V
					AS DEFAULT T_002	574.93	9.42	31.42	194.21	1	0	50284	-	10	318703	-	6.34	V
243	2	Fondazio ne	1-4	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	60026	-	0	141388	-	2.36	V
					AS DEFAULT T	218.21	12.57	9.42	86.33	1	0	-23114	-	-2	-133736	-	5.79	V
					AS DEFAULT T	349.14	12.57	15.71	92.61	1	0	-48399	-	0	-133860	-	2.77	V
244	3	Fondazio ne	2-3	50	DEF_003 _003	54.51	9.42	6.28	292.17	1	0	-397337	-	11	-453010	-	1.14	V
					DEF_003 _003	81.76	9.42	6.28	292.17	1	0	271524	-	3	445647	-	1.64	V
					DEF_003 _003	163.52	9.42	12.57	298.45	1	0	-393562	-	18	-453263	-	1.15	V
245	6	Fondazio ne	2-5	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	20627	-	0	141388	-	6.85	V
					AS DEFAULT T	218.19	12.57	9.42	86.33	1	0	-9365	-	-2	-133736	-	14.28	V
					AS DEFAULT T	349.10	12.57	15.71	92.61	1	0	17868	-	0	141388	-	7.91	V
247	9	Fondazio ne	3-6	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	25478	-	0	141388	-	5.55	V
					AS DEFAULT T	218.21	12.57	9.42	86.33	1	0	-11356	-	-2	-133736	-	11.78	V
					AS DEFAULT T	349.14	12.57	15.71	92.61	1	0	20537	-	0	141388	-	6.88	V
249	12	Fondazio ne	4-5	8	AS DEFAULT T_001	0.00	9.42	21.99	111.84	1	0	39070	-	-7	182378	-	4.67	V
					AS DEFAULT T_001	302.45	18.85	6.28	105.56	1	0	-20012	-	0	-174726	-	8.73	V
					AS DEFAULT T_001	604.90	9.42	31.42	121.27	1	0	30161	-	3	205035	-	6.80	V

TABULATI DI CALCOLO

250	13	Fondazio ne	4-7	1	AS DEFAUL T	0.00	9.42	15.71	89.47	1	0	20554	-	2	141313	-	6.88	V
					AS DEFAUL T	183.05	9.42	9.42	83.19	1	0	-7382	-	3	-126146	-	17.09	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	14977	-	-2	133736	-	8.93	V
251	14	Fondazio ne	5-6	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	25586	-	-2	136924	-	5.35	V
					AS DEFAUL T	93.25	11.40	13.89	89.63	1	0	-7617	-	2	-130973	-	17.20	V
					AS DEFAUL T	248.66	11.40	13.89	89.63	1	0	25502	-	-2	136924	-	5.37	V
252	15	Fondazio ne	5-8	1	AS DEFAUL T	0.00	9.42	15.71	89.47	1	0	11333	-	2	141313	-	12.47	V
					AS DEFAUL T	146.46	9.42	9.42	83.19	1	0	-5198	-	3	-126146	-	24.27	V
					AS DEFAUL T	292.93	9.42	12.57	86.33	1	0	11507	-	-2	133736	-	11.62	V
253	16	Fondazio ne	6-9	1	AS DEFAUL T	0.00	9.42	15.71	89.47	1	0	12254	-	2	141313	-	11.53	V
					AS DEFAUL T	183.05	9.42	9.42	83.19	1	0	-5309	-	3	-126146	-	23.76	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	12258	-	-2	133736	-	10.91	V
254	17	Fondazio ne	7-8	8	AS DEFAUL T_001	0.00	9.42	21.99	111.84	1	0	36233	-	-7	182378	-	5.03	V
					AS DEFAUL T_001	302.46	18.85	6.28	105.56	1	0	-19868	-	0	-174726	-	8.79	V
					AS DEFAUL T_001	604.93	9.42	31.42	121.27	1	0	32327	-	3	205035	-	6.34	V
255	18	Fondazio ne	7-10	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	17197	-	-2	133736	-	7.78	V
					AS DEFAUL T	183.05	9.42	9.42	83.19	1	0	-6769	-	3	-126146	-	18.64	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	13281	-	-2	133736	-	10.07	V
256	19	Fondazio ne	8-9	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	15164	-	-2	136924	-	9.03	V
					AS DEFAUL T	93.01	11.40	13.89	89.63	1	0	-5194	-	2	-130973	-	25.22	V
					AS DEFAUL T	248.03	11.40	13.89	89.63	1	0	15707	-	-2	136924	-	8.72	V
257	20	Fondazio ne	8-11	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	10431	-	-2	133736	-	12.82	V
					AS DEFAUL T	109.83	9.42	9.42	83.19	1	0	-5628	-	3	-126146	-	22.41	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	13263	-	-2	133736	-	10.08	V
258	21	Fondazio ne	9-12	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	9055	-	-2	133736	-	14.77	V
					AS DEFAUL T	109.83	9.42	9.42	83.19	1	0	-5691	-	3	-126146	-	22.17	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	13106	-	-2	133736	-	10.20	V
259	22	Fondazio ne	10-11	8	AS DEFAUL T_001	0.00	9.42	21.99	111.84	1	0	32306	-	-7	182378	-	5.65	V
					AS DEFAUL T_001	302.46	18.85	6.28	105.56	1	0	-19856	-	0	-174726	-	8.80	V
					AS DEFAUL T_001	604.93	9.42	31.42	121.27	1	0	34072	-	3	205035	-	6.02	V
260	23	Fondazio ne	10-13	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	18833	-	-2	133736	-	7.10	V
					AS DEFAUL T	183.05	9.42	9.42	83.19	1	0	-6653	-	3	-126146	-	18.96	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	15706	-	-2	133736	-	8.51	V
261	24	Fondazio	11-12	1	AS	0.00	11.40	13.89	89.63	1	0	25082	-	-2	136924	-	5.46	V

TABULATI DI CALCOLO

		ne			DEFAUL T													
					AS DEFAUL T	93.01	11.40	13.89	89.63	1	0	-7922	-	2	-130973	-	16.53	V
					AS DEFAUL T	248.03	11.40	13.89	89.63	1	0	26526	-	-2	136924	-	5.16	V
262	25	Fondazio ne	11-14	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	17125	-	-2	133736	-	7.81	V
					AS DEFAUL T	109.83	9.42	9.42	83.19	1	0	-8413	-	3	-126146	-	14.99	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	22938	-	-2	133736	-	5.83	V
263	26	Fondazio ne	12-15	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	11615	-	-2	133736	-	11.51	V
					AS DEFAUL T	109.83	9.42	9.42	83.19	1	0	-8717	-	3	-126146	-	14.47	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	10299	-	-2	133736	-	12.99	V
264	27	Fondazio ne	14-13	8	AS DEFAUL T_001	0.00	9.42	21.99	111.84	1	0	39722	-	-7	182378	-	4.59	V
					AS DEFAUL T_001	302.46	18.85	6.28	105.56	1	0	-19862	-	0	-174726	-	8.80	V
					AS DEFAUL T_001	604.93	9.42	31.42	121.27	1	0	29853	-	3	205035	-	6.87	V
265	28	Fondazio ne	13-16	8	AS DEFAUL T_001	0.00	9.42	12.57	102.42	1	0	7127	-	-2	159641	-	22.40	V
					AS DEFAUL T_001	151.53	9.42	9.42	99.27	1	0	-6935	-	0	-152045	-	21.92	V
					AS DEFAUL T_001	303.06	9.42	12.57	102.42	1	0	10612	-	-2	159641	-	15.04	V
266	29	Fondazio ne	14-15	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	13449	-	-2	136924	-	10.18	V
					AS DEFAUL T	93.01	11.40	13.89	89.63	1	0	-8207	-	2	-130973	-	15.96	V
					AS DEFAUL T	186.02	11.40	13.89	89.63	1	0	-5156	-	2	-130973	-	25.40	V
267	30	Fondazio ne	14-17	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	-17843	-	0	-126204	-	7.07	V
					AS DEFAUL T	108.02	9.42	9.42	83.19	1	0	-10754	-	3	-126146	-	11.73	V
					AS DEFAUL T	288.06	9.42	12.57	86.33	1	0	23249	-	-2	133736	-	5.75	V
268	31	Fondazio ne	15-18	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	9365	-	-2	133736	-	14.28	V
					AS DEFAUL T	189.41	9.42	9.42	83.19	1	0	-6583	-	3	-126146	-	19.16	V
					AS DEFAUL T	303.06	9.42	12.57	86.33	1	0	21048	-	-2	133736	-	6.35	V
269	32	Fondazio ne	16-17	1	AS DEFAUL T	0.00	9.42	21.99	95.76	1	0	18910	-	5	156438	-	8.27	V
					AS DEFAUL T	294.96	18.85	6.28	89.47	1	0	-16509	-	-4	-148791	-	9.01	V
					AS DEFAUL T	589.93	9.42	31.42	105.18	1	0	35916	-	0	179052	-	4.99	V
270	33	Fondazio ne	16-19	8	AS DEFAUL T_001	0.00	9.42	12.57	102.42	1	0	18431	-	-2	159641	-	8.66	V
					AS DEFAUL T_001	113.65	9.42	9.42	99.27	1	0	-8708	-	0	-152045	-	17.46	V
					AS DEFAUL T_001	303.06	9.42	12.57	102.42	1	0	23619	-	-2	159641	-	6.76	V
271	34	Fondazio ne	17-18	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	21078	-	-2	136924	-	6.50	V
					AS DEFAUL T	145.64	11.40	13.89	89.63	1	0	-9212	-	2	-130973	-	14.22	V
					AS DEFAUL T	233.03	11.40	13.89	89.63	1	0	-18948	-	2	-130973	-	6.91	V
272	35	Fondazio ne	17-20	42	DEF_002 _002	68.27	15.71	25.13	299.33	1	0	-40357	-	6	-441732	-	10.95	V

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					DEF_002_002	136.53	15.71	15.71	289.91	1	0	-96858	-	6	-441268	-	4.56	V
					DEF_002_002	238.93	15.71	18.85	293.05	1	0	-117003	-	-11	-441435	-	3.77	V
273	40	Fondazio ne	18-21	1	AS DEFAULT	0.00	9.42	12.57	86.33	1	0	19096	-	-2	133736	-	7.00	V
					AS DEFAULT	180.04	9.42	9.42	83.19	1	0	-7422	-	3	-126146	-	17.00	V
					AS DEFAULT	288.06	9.42	12.57	86.33	1	0	12169	-	-2	133736	-	10.99	V
274	41	Fondazio ne	19-20	1	AS DEFAULT	0.00	9.42	21.99	95.76	1	0	19902	-	5	156438	-	7.86	V
					AS DEFAULT	294.96	18.85	6.28	89.47	1	0	-16771	-	-4	-148791	-	8.87	V
					AS DEFAULT	589.93	9.42	31.42	105.18	1	0	30765	-	0	179052	-	5.82	V
275	42	Fondazio ne	19-22	8	AS DEFAULT T_001	0.00	9.42	12.57	102.42	1	0	-14926	-	7	-152095	-	10.19	V
					AS DEFAULT T_001	109.83	9.42	9.42	99.27	1	0	-10072	-	0	-152045	-	15.10	V
					AS DEFAULT T_001	292.88	9.42	12.57	102.42	1	0	25917	-	-2	159641	-	6.16	V
276	43	Fondazio ne	20-21	1	AS DEFAULT	0.00	11.40	13.89	89.63	1	0	38217	-	-2	136924	-	3.58	V
					AS DEFAULT	136.27	11.40	13.89	89.63	1	0	-11357	-	2	-130973	-	11.53	V
					AS DEFAULT	218.03	11.40	13.89	89.63	1	0	-34459	-	2	-130973	-	3.80	V
277	44	Fondazio ne	20-23	42	DEF_002_002	32.86	12.06	12.06	298.70	1	0	149367	-	-16	450675	-	3.02	V
					DEF_002_002	131.44	12.06	12.06	298.70	1	0	177717	-	-16	450675	-	2.54	V
					DEF_002_002	230.03	12.06	12.06	298.70	1	0	117957	-	-16	450675	-	3.82	V
278	48	Fondazio ne	21-24	1	AS DEFAULT	0.00	9.42	12.57	86.33	1	0	19364	-	-2	133736	-	6.91	V
					AS DEFAULT	167.69	9.42	9.42	83.19	1	0	-8923	-	3	-126146	-	14.14	V
					AS DEFAULT	268.30	9.42	12.57	86.33	1	0	24254	-	-2	133736	-	5.51	V
280	53	Fondazio ne	22-23	1	AS DEFAULT	0.00	9.42	21.99	95.76	1	0	24531	-	5	156438	-	6.38	V
					AS DEFAULT	296.16	18.85	6.28	89.47	1	0	-17413	-	-4	-148791	-	8.54	V
					AS DEFAULT	592.32	9.42	31.42	105.18	1	0	28628	-	0	179052	-	6.25	V
281	54	Fondazio ne	22-25	1	AS DEFAULT	0.00	9.42	12.57	86.33	1	0	-19025	-	0	-126204	-	6.63	V
					AS DEFAULT	109.83	9.42	9.42	83.19	1	0	-9357	-	3	-126146	-	13.48	V
					AS DEFAULT	292.88	9.42	12.57	86.33	1	0	27018	-	-2	133736	-	4.95	V
282	55	Fondazio ne	23-24	1	AS DEFAULT	0.00	11.40	13.89	89.63	1	0	32617	-	-2	136924	-	4.20	V
					AS DEFAULT	144.15	11.40	13.89	89.63	1	0	-12487	-	2	-130973	-	10.49	V
					AS DEFAULT	230.64	11.40	13.89	89.63	1	0	-31628	-	2	-130973	-	4.14	V
283	56	Fondazio ne	23-26	1	AS DEFAULT	0.00	9.42	12.57	86.33	1	0	16462	-	-2	133736	-	8.12	V
					AS DEFAULT	173.68	9.42	9.42	83.19	1	0	-8250	-	3	-126146	-	15.29	V
					AS DEFAULT	243.15	9.42	12.57	86.33	1	0	-11062	-	0	-126204	-	11.41	V
284	57	Fondazio ne	24-27	1	AS DEFAULT	0.00	9.42	12.57	86.33	1	0	17458	-	-2	133736	-	7.66	V
					AS DEFAULT	107.80	9.42	9.42	83.19	1	0	-6625	-	3	-126146	-	19.04	V
					AS DEFAULT	287.46	9.42	12.57	86.33	1	0	12860	-	-2	133736	-	10.40	V

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286	59	Fondazio ne	25-26	1	T AS DEFAULT	0.00	9.42	21.99	95.76	1	0	34402	-	5	156438	-	4.55	V
					T AS DEFAULT	302.46	18.85	6.28	89.47	1	0	-18110	-	-4	-148791	-	8.22	V
					T AS DEFAULT	604.93	9.42	31.42	105.18	1	0	26184	-	0	179052	-	6.84	V
287	60	Fondazio ne	25-29	1	T AS DEFAULT	0.00	9.42	12.57	86.33	1	0	-27621	-	0	-126204	-	4.57	V
					T AS DEFAULT	113.65	9.42	9.42	83.19	1	0	-13498	-	3	-126146	-	9.35	V
					T AS DEFAULT	303.06	9.42	12.57	86.33	1	0	39429	-	-2	133736	-	3.39	V
288	61	Fondazio ne	26-27	1	T AS DEFAULT	0.00	11.40	13.89	89.63	1	0	38254	-	-2	136924	-	3.58	V
					T AS DEFAULT	145.64	11.40	13.89	89.63	1	0	-8420	-	2	-130973	-	15.55	V
					T AS DEFAULT	233.03	11.40	13.89	89.63	1	0	-29056	-	2	-130973	-	4.51	V
289	62	Fondazio ne	26-30	1	T AS DEFAULT	0.00	9.42	12.57	86.33	1	0	-23981	-	0	-126204	-	5.26	V
					T AS DEFAULT	108.02	9.42	9.42	83.19	1	0	-12815	-	3	-126146	-	9.84	V
					T AS DEFAULT	288.06	9.42	12.57	86.33	1	0	29628	-	-2	133736	-	4.51	V
290	63	Fondazio ne	28-27	44	DEF_003 _003	71.88	18.85	12.57	307.88	2	0	201692	-	-4	461019	-	2.29	V
					DEF_003 _003	143.77	18.85	6.28	301.59	1	0	201548	-	1	446008	-	2.21	V
					DEF_003 _003	251.59	9.42	31.42	317.30	1	0	-136691	-	25	-453960	-	3.32	V
291	67	Fondazio ne	27-31	1	T AS DEFAULT	0.00	9.42	12.57	86.33	1	0	-14715	-	0	-126204	-	8.58	V
					T AS DEFAULT	108.02	9.42	9.42	83.19	1	0	-9325	-	3	-126146	-	13.53	V
					T AS DEFAULT	288.06	9.42	12.57	86.33	1	0	24489	-	-2	133736	-	5.46	V
292	68	Fondazio ne	32-28	27	T_002_0 01	0.00	12.57	15.71	168.74	1	0	43687	-	0	259311	-	5.94	V
					T_002_0 01	164.22	12.57	9.42	162.45	1	0	-14058	-	0	-251663	-	17.90	V
					T_002_0 01	262.75	12.57	15.71	168.74	1	0	-27144	-	11	-251901	-	9.28	V
294	73	Fondazio ne	29-30	1	T AS DEFAULT	0.00	9.42	21.99	95.76	1	0	38456	-	5	156438	-	4.07	V
					T AS DEFAULT	294.96	18.85	6.28	89.47	1	0	-20816	-	-4	-148791	-	7.15	V
					T AS DEFAULT	589.93	9.42	31.42	105.18	1	0	29066	-	0	179052	-	6.16	V
295	74	Fondazio ne	29-33	1	T AS DEFAULT	0.00	9.42	12.57	86.33	1	0	14079	-	-2	133736	-	9.50	V
					T AS DEFAULT	108.03	9.42	9.42	83.19	1	0	-8490	-	3	-126146	-	14.86	V
					T AS DEFAULT	288.09	9.42	15.71	89.47	1	0	17316	-	2	141313	-	8.16	V
296	75	Fondazio ne	30-31	1	T AS DEFAULT	0.00	11.40	13.89	89.63	1	0	47648	-	-2	136924	-	2.87	V
					T AS DEFAULT	145.64	11.40	13.89	89.63	1	0	-17770	-	2	-130973	-	7.37	V
					T AS DEFAULT	233.03	11.40	13.89	89.63	1	0	-47583	-	2	-130973	-	2.75	V
297	76	Fondazio ne	30-34	1	T AS DEFAULT	0.00	9.42	12.57	86.33	1	0	14401	-	-2	133736	-	9.29	V
					T AS DEFAULT	173.68	9.42	9.42	83.19	1	0	-9056	-	3	-126146	-	13.93	V
					T AS DEFAULT	243.15	9.42	15.71	89.47	1	0	-9082	-	1	-126255	-	13.90	V

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298	77	Fondazio ne	31-32	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	47944	-	-2	133736	-	2.79	V
					AS DEFAUL T	113.45	9.42	6.28	80.05	1	0	-16077	-	0	-126084	-	7.84	V
					AS DEFAUL T	302.52	9.42	12.57	86.33	1	0	53909	-	-2	133736	-	2.48	V
299	78	Fondazio ne	31-35	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	-14470	-	0	-126204	-	8.72	V
					AS DEFAUL T	76.34	9.42	9.42	83.19	1	0	-8847	-	3	-126146	-	14.26	V
					AS DEFAUL T	203.57	9.42	12.57	86.33	1	0	11293	-	-2	133736	-	11.84	V
300	79	Fondazio ne	36-32	27	AS DEFAUL T_002_0 01	0.00	10.05	10.05	172.63	1	0	-34340	-	1	-259777	-	7.56	V
					AS DEFAUL T_002_0 01	89.47	10.05	10.05	172.63	1	0	53893	-	1	259778	-	4.82	V
					AS DEFAUL T_002_0 01	178.93	10.05	10.05	172.63	1	0	42436	-	1	259778	-	6.12	V
301	84	Fondazio ne	33-34	1	AS DEFAUL T	0.00	9.42	21.99	95.76	1	0	44040	-	5	156438	-	3.55	V
					AS DEFAUL T	302.47	18.85	6.28	89.47	1	0	-20036	-	-4	-148791	-	7.43	V
					AS DEFAUL T	604.94	9.42	31.42	105.18	1	0	28700	-	0	179052	-	6.24	V
302	85	Fondazio ne	33-39	1	AS DEFAUL T	0.00	12.57	15.71	92.61	2	0	-44926	-	0	-133860	-	2.98	V
					AS DEFAUL T	127.13	12.57	9.42	86.33	1	0	-25332	-	-2	-133736	-	5.28	V
					AS DEFAUL T	339.03	12.57	15.71	92.61	1	0	61107	-	0	141388	-	2.31	V
303	86	Fondazio ne	34-35	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	-24020	-	2	-130973	-	5.45	V
					AS DEFAUL T	93.01	11.40	13.89	89.63	1	0	-9392	-	2	-130973	-	13.94	V
					AS DEFAUL T	248.03	11.40	13.89	89.63	1	0	31316	-	-2	136924	-	4.37	V
304	87	Fondazio ne	34-40	1	AS DEFAUL T	0.00	12.57	15.71	92.61	1	0	21222	-	0	141388	-	6.66	V
					AS DEFAUL T	125.34	12.57	9.42	86.33	1	0	-10718	-	-2	-133736	-	12.48	V
					AS DEFAUL T	334.25	12.57	15.71	92.61	1	0	20542	-	0	141388	-	6.88	V
305	88	Fondazio ne	35-36	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	61432	-	-2	133736	-	2.18	V
					AS DEFAUL T	113.45	9.42	6.28	80.05	1	0	-16884	-	0	-126084	-	7.47	V
					AS DEFAUL T	302.52	9.42	12.57	86.33	1	0	57103	-	-2	133736	-	2.34	V
306	89	Fondazio ne	35-37	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	17184	-	-2	133736	-	7.78	V
					AS DEFAUL T	138.48	9.42	9.42	83.19	1	0	-13032	-	3	-126146	-	9.68	V
					AS DEFAUL T	221.56	9.42	12.57	86.33	1	0	-25007	-	0	-126204	-	5.05	V
307	90	Fondazio ne	38-36	27	AS DEFAUL T_002_0 01	0.00	9.42	12.57	162.45	1	0	-31326	-	-3	-244260	-	7.80	V
					AS DEFAUL T_002_0 01	75.59	9.42	9.42	159.31	1	0	-13941	-	6	-244138	-	17.51	V
					AS DEFAUL T_002_0 01	201.56	9.42	12.57	162.45	1	0	23671	-	0	251663	-	10.63	V
308	91	Fondazio ne	37-38	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	57877	-	-2	133736	-	2.31	V
					AS	113.45	9.42	6.28	80.05	1	0	-15952	-	0	-126084	-	7.90	V

					DEFAUL T													
					AS DEFAUL T	302.52	9.42	12.57	86.33	2	0	-50744	-	0	-126204	-	2.49	V
309	92	Fondazio ne	37-41	8	AS DEFAUL T_001	0.00	12.57	15.71	108.70	1	0	-47196	-	-7	-159755	-	3.38	V
					AS DEFAUL T_001	32.62	12.57	9.42	102.42	1	0	-22044	-	-2	-159641	-	7.24	V
					AS DEFAUL T_001	86.98	12.57	15.71	108.70	1	0	22637	-	-4	167294	-	7.39	V
310	93	Fondazio ne	42-38	27	AS DEFAUL T_002_0 01	0.00	12.57	15.71	168.74	1	0	10821	-	0	259311	-	23.96	V
					AS DEFAUL T_002_0 01	51.24	12.57	9.42	162.45	1	0	-15946	-	0	-251663	-	15.78	V
					AS DEFAUL T_002_0 01	81.98	12.57	15.71	168.74	1	0	-29405	-	11	-251901	-	8.57	V
311	94	Fondazio ne	39-40	8	AS DEFAUL T_001	0.00	9.42	21.99	111.84	1	0	89445	-	-7	182378	-	2.04	V
					AS DEFAUL T_001	361.58	18.85	6.28	105.56	1	0	-35592	-	0	-174726	-	4.91	V
					AS DEFAUL T_001	433.89	9.42	31.42	121.27	1	0	-31685	-	9	-152333	-	4.81	V
312	95	Fondazio ne	40-41	51	DEF_003 _003	53.61	9.42	6.28	292.17	1	0	-419189	-	11	-453010	-	1.08	V
					DEF_003 _003	80.41	9.42	6.28	292.17	1	0	291818	-	3	445647	-	1.53	V
					DEF_003 _003	160.83	9.42	12.57	298.45	2	0	-414222	-	18	-453263	-	1.09	V
314	100	Fondazio ne	41-42	8	AS DEFAUL T_001	0.00	9.42	12.57	102.42	1	0	81775	-	-2	159641	-	1.95	V
					AS DEFAUL T_001	179.70	9.42	6.28	96.13	1	0	-27578	-	3	-151987	-	5.51	V
					AS DEFAUL T_001	287.52	9.42	12.57	102.42	2	0	-82778	-	7	-152095	-	1.84	V

1.1.2.4.4 Verifiche a Taglio - SLV

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
 Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
 Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Aree ferro:

A_{Staffe} : valore dell'area delle staffe della sezione;
 A_{Sag} : valore dell'area dei sagomati della sezione;

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;

Tagli Resistenti:

V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
 V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

N_{br} : numero di bracci di cui è composta la staffa;
 D_{Staffe} : interasse tra le staffe;
 L_{Tr} : lunghezza dei tratti per cui si ha D_{Staffe} ;
 S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
 S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 16.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro		cot θ_{XY} [°]	cot θ_{XZ} [°]	Tagli Sollecitanti		Tagli Resistenti							Esito
						A_{Staffe} [cm ²]	A_{Sag} [cm ²]			V_{sdy} [daN]	V_{sdz} [daN]	V_{rdsy} [daN]	V_{rdsz} [daN]	N_{br}	D_{Staffe} [cm]	L_{Tr} [cm]	S_{XY}	S_{XZ}	
246	7	Fondazi one	46-2	25	Ini	3.14	0.00	1.20	1.20	80647	273635	201008	302006	4	5.0	5	2.49	1.10	V
248	10	Fondazi one	3-45	25	Ini	4.52	0.00	1.60	1.60	77479	231963	191948	278513	4	10.0	5	2.48	1.20	V
279	49	Fondazi one	21-4 3	47	Ini	6.16	0.00	1.40	1.40	2214	604891	704110	691084	4	5.0	291	317.97	1.14	V
285	58	Fondazi one	44-2 4	25	Ini	3.14	0.00	1.90	1.90	7	37566	158711	242775	4	10.0	303	-	6.46	V
293	69	Fondazi one	44-2 8	47	Ini	6.16	0.00	1.40	1.40	347	435675	704110	691084	4	5.0	181	2026.6 1	1.59	V
313	98	Fondazi one	48-4 0	25	Ini	3.14	0.00	2.00	2.00	42594	239656	167064	247111	4	10.0	125	3.92	1.03	V
315	101	Fondazi one	41-4 7	25	Ini	3.14	0.00	2.50	2.50	33142	178431	69795	213175	4	15.0	65	2.11	1.19	V
316	103	Fondazi one	43-4 4	47	Ini	6.16	0.00	1.40	1.40	361	438580	704110	691084	4	5.0	153	1947.9 6	1.58	V
317	107	Fondazi one	45-4 6	25	Ini	1.57	0.00	2.50	2.50	24848	38045	104415	159735	2	10.0	208	4.20	4.20	V
318	110	Fondazi one	47-4 8	25	Ini	3.14	0.00	2.50	2.50	19839	27280	69795	206637	4	15.0	203	3.52	7.57	V

1.1.2.4.5 Verifica a Taglio Travi con Ringrossi in CA - SLV

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cons : nome consolidamento applicato alla sezione
 Blocco : Cons : tratto della sezione consolidata nel quale le staffe di calcolo vengono mantenute costanti;
 Aree ferro:

A_{Staffe} : valore dell'area di calcolo delle staffe della sezione;
 A_{Sag} : valore dell'area dei sagomati della sezione;

Tagli Sollecitanti:

V_{sdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{sdXY} : valore del Taglio X-Y sollecitante di calcolo;

Tagli Resistenti:

V_{rdXZ} : valore del Taglio X-Z resistente di calcolo;
 V_{rdXY} : valore del Taglio X-Y resistente di calcolo;

N_{br} : numero di bracci di calcolo di cui è composta la staffa;

D_{Staffe} : interasse di calcolo tra le staffe;

L_{Tr} : lunghezza dei tratti per cui si ha D_{Staffe} ;

S_{XY} : coefficiente di sicurezza relativo a V_{sdXY}

S_{XZ} : coefficiente di sicurezza relativo a V_{sdXZ}

Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 17.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Cons.	Blocco	Aree ferro		cot θ_{XY} [°]	cot θ_{XZ} [°]	Tagli Sollecitanti		Tagli Resistenti		N_{br}	D_{Staffe} [cm]	L_{Tr} [cm]	S_{XY}	S_{XZ}	Esito
							A_{Staffe} [cm ²]	A_{Sag} [cm ²]			V_{sdy} [daN]	V_{sdz} [daN]	V_{rdsy} [daN]	V_{rdsz} [daN]						
242	1	Fondazi one	1-2	11	AS DEFAU LT_002	Cons	1.01	0.00	2.50	2.50	406	63757	235811	144940	2	5.84	575	580.9 2	2.27	V
243	2	Fondazi one	1-4	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	234	53183	175230	144940	2	5.84	349	749.6 9	2.73	V
244	3	Fondazi one	2-3	50	DEF_00 3_003	Cons	4.02	0.00	1.80	1.80	104115	100089 9	105929 9	101706 4	2	2.28	218	10.17	1.02	V
245	6	Fondazi one	2-5	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	137	22132	175230	144940	2	5.84	349	1275. 81	6.55	V
247	9	Fondazi one	3-6	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	133	26762	175230	144940	2	5.84	349	1321. 56	5.42	V
249	12	Fondazi one	4-5	8	AS DEFAU	Cons	1.01	0.00	2.50	2.50	9	38088	235811	144940	2	5.84	605	-	3.81	V

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250	13	Fondazi one	4-7	1	LT_001 AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	14	21865	175230	144940	2	5.84	293	-	6.63	V
251	14	Fondazi one	5-6	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	42	26886	175230	144940	2	5.84	249	4147.14	5.39	V
252	15	Fondazi one	5-8	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	25	15114	175230	144940	2	5.84	293	6885.92	9.59	V
253	16	Fondazi one	6-9	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	37	15852	175230	144940	2	5.84	293	4717.54	9.14	V
254	17	Fondazi one	7-8	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	31	36664	235811	144940	2	5.84	605	7599.80	3.95	V
255	18	Fondazi one	7-10	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	52	20131	175230	144940	2	5.84	293	3398.01	7.20	V
256	19	Fondazi one	8-9	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	67	18925	175230	144940	2	5.84	248	2631.62	7.66	V
257	20	Fondazi one	8-11	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	34	16790	175230	144940	2	5.84	293	5168.77	8.63	V
258	21	Fondazi one	9-12	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	40	16993	175230	144940	2	5.84	293	4404.39	8.53	V
259	22	Fondazi one	10-11	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	32	36644	235811	144940	2	5.84	605	7359.10	3.96	V
260	23	Fondazi one	10-13	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	37	19686	175230	144940	2	5.84	293	4742.63	7.36	V
261	24	Fondazi one	11-12	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	54	28018	175230	144940	2	5.84	248	3244.49	5.17	V
262	25	Fondazi one	11-14	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	57	24944	175230	144940	2	5.84	293	3055.86	5.81	V
263	26	Fondazi one	12-15	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	153	16916	175230	144940	2	5.84	293	1143.84	8.57	V
264	27	Fondazi one	14-13	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	40	37839	235811	144940	2	5.84	605	5886.62	3.83	V
265	28	Fondazi one	13-16	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	59	19848	235811	144940	2	5.84	303	4018.62	7.30	V
266	29	Fondazi one	14-15	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	331	17440	175230	144940	2	5.84	248	529.99	8.31	V
267	30	Fondazi one	14-17	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	55	27967	175230	144940	2	5.84	288	3195.72	5.18	V
268	31	Fondazi one	15-18	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	98	22517	175230	144940	2	5.84	303	1785.33	6.44	V
269	32	Fondazi one	16-17	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	11	32371	175230	144940	2	5.84	590	-	4.48	V
270	33	Fondazi one	16-19	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	54	25242	235811	144940	2	5.84	303	4396.41	5.74	V
271	34	Fondazi one	17-18	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	95	29215	175230	144940	2	5.84	233	1840.09	4.96	V
272	35	Fondazi one	17-20	42	DEF_00 2_002	Cons	2.26	0.00	2.20	2.20	3311	338884	422119	411960	2	3.96	273	127.47	1.22	V
273	40	Fondazi one	18-21	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	66	23275	175230	144940	2	5.84	288	2638.71	6.23	V
274	41	Fondazi one	19-20	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	10	32391	175230	144940	2	5.84	590	-	4.47	V
275	42	Fondazi one	19-22	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	63	29938	235811	144940	2	5.84	293	3763.98	4.84	V
276	43	Fondazi one	20-21	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	71	42056	175230	144940	2	5.84	218	2452.91	3.45	V
277	44	Fondazi one	20-23	42	DEF_00 2_002	Cons	2.26	0.00	2.20	2.20	1770	401602	422551	412825	2	3.96	263	238.73	1.03	V
278	48	Fondazi one	21-24	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	45	23950	175230	144940	2	5.84	268	3871.44	6.05	V
280	53	Fondazi one	22-23	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	15	31954	175230	144940	2	5.84	592	-	4.54	V
281	54	Fondazi one	22-25	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	48	27661	175230	144940	2	5.84	293	3685.24	5.24	V
282	55	Fondazi one	23-24	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	79	37553	175230	144940	2	5.84	231	2214.30	3.86	V
283	56	Fondazi one	23-26	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	29	21972	175230	144940	2	5.84	278	6001.48	6.60	V
284	57	Fondazi one	24-27	1	AS	Cons	1.01	0.00	2.50	2.50	19	19409	175230	144940	2	5.84	287	9236.	7.47	V

TABULATI DI CALCOLO

		one			DEFAU LT													96		
286	59	Fondazi one	25-26	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	10	35022	175230	144940	2	5.84	605	-	4.14	V
287	60	Fondazi one	25-29	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	43	38961	175230	144940	2	5.84	303	4057. 52	3.72	V
288	61	Fondazi one	26-27	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	12	37877	175230	144940	2	5.84	233	-	3.83	V
289	62	Fondazi one	26-30	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	164	32886	175230	144940	2	5.84	288	1067. 10	4.41	V
290	63	Fondazi one	28-27	44	DEF_00 3_003	Cons	4.02	0.00	1.90	1.90	3057	569951	102840 6	987403	2	2.45	288	336.4 3	1.73	V
291	67	Fondazi one	27-31	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	23	29393	175230	144940	2	5.84	288	7531. 46	4.93	V
292	68	Fondazi one	32-28	27	AS DEFAU LT_002 _001	Cons	1.57	0.00	2.50	2.50	28	50370	267049	164008	2	8.05	263	9524. 55	3.26	V
294	73	Fondazi one	29-30	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	64	38164	175230	144940	2	5.84	590	2717. 29	3.80	V
295	74	Fondazi one	29-33	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	33	25729	175230	144940	2	5.84	288	5286. 09	5.63	V
296	75	Fondazi one	30-31	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	249	52516	175230	144940	2	5.84	233	703.5 0	2.76	V
297	76	Fondazi one	30-34	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	158	24766	175230	144940	2	5.84	278	1111. 63	5.85	V
298	77	Fondazi one	31-32	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	13	48772	175230	144940	2	5.84	303	-	2.97	V
299	78	Fondazi one	31-35	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	61	21394	175230	144940	2	5.84	204	2892. 49	6.77	V
300	79	Fondazi one	36-32	27	AS DEFAU LT_002 _001	Cons	1.57	0.00	2.50	2.50	926	172333	308044	232351	2	5.70	239	332.8 1	1.35	V
301	84	Fondazi one	33-34	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	17	39486	175230	144940	2	5.84	605	-	3.67	V
302	85	Fondazi one	33-39	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	248	59780	175230	144940	2	5.84	339	707.3 9	2.42	V
303	86	Fondazi one	34-35	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	65	32777	175230	144940	2	5.84	248	2692. 69	4.42	V
304	87	Fondazi one	34-40	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	75	26317	175230	144940	2	5.84	334	2338. 60	5.51	V
305	88	Fondazi one	35-36	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	77	50804	175230	144940	2	5.84	303	2289. 97	2.85	V
306	89	Fondazi one	35-37	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	52	27140	175230	144940	2	5.84	222	3340. 04	5.34	V
307	90	Fondazi one	38-36	27	AS DEFAU LT_002 _001	Cons	1.57	0.00	2.50	2.50	23	35809	267049	164008	2	8.05	202	-	4.58	V
308	91	Fondazi one	37-38	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	39	48445	175230	144940	2	5.84	303	4447. 35	2.99	V
309	92	Fondazi one	37-41	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	811	85439	235811	144940	2	5.84	87	290.7 6	1.70	V
310	93	Fondazi one	42-38	27	AS DEFAU LT_002 _001	Cons	1.57	0.00	2.50	2.50	242	57556	267049	164008	2	8.05	82	1102. 93	2.85	V
311	94	Fondazi one	39-40	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	353	76356	235811	144940	2	5.84	579	667.4 3	1.90	V
312	95	Fondazi one	40-41	51	DEF_00 3_003	Cons	8.04	0.00	1.10	1.10	68848	109828 4	124197 4	119245 5	4	2.39	214	18.04	1.09	V
314	100	Fondazi one	41-42	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	297	73074	235811	144940	2	5.84	288	792.6 6	1.98	V

1.1.3 Verifica Pareti C.A.. - SLV

Qui di seguito vengono tabellati i risultati delle verifiche delle pareti della struttura:

- Verifica Pareti Regolari -

Verifiche a Flessione Composta.

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 Maschio : numero identificativo dei maschi murari di ogni parete;
 Dir : X : direzione del piano medio
 Y : direzione ortogonale al piano medio
 ϕ : diametro delle barre di armatura verticale;
 D_{barre} : interasse tra le barre di armatura verticale;
 NSd : sforzo normale sollecitante di calcolo relativo alla combinazione di carico più gravosa;
 MSd : momento sollecitante di calcolo relativo alla combinazione di carico più gravosa;
 NRd : Sforzo Normale resistente di calcolo;
 MRd : momento resistente di calcolo;
 S : Coefficiente di sicurezza;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 18.I

Parete	Imp.	Fili	Maschio	Dir.	Armatura verticale		Caratteristiche di sollecitazione		Valori Resistenti		S	Esito
					ϕ [mm]	D_{barre} [cm]	Nsd [daN]	Msd [daNm]	Nrd [daN]	Mrd [daNm]		
1	Piano 1	2, 3	1	X	16	20.0	-11715	111942	-11715	214261	1.9	V
				Y			-11715	814	-11707	15292	18.8	V
2	Piano 1	46, 2	1	X	16	20.0	0	-9740	0	-39877	4.1	V
				Y			0	-2812	-1	-11204	4.0	V
3	Piano 1	45, 3	1	X	16	20.0	0	-11032	1	-39872	3.6	V
				Y			0	2584	-1	11204	4.3	V
4	Piano 1	17, 20	1	X	20	10.0	-11044	2018	-11044	3700	1.8	V
				Y			-11044	-1690	-11044	-9327	5.5	V
			2	X	20	10.0	0	40077	0	239503	6.0	V
5	Piano 1	20, 23	1	X	12	20.0	-799	-73097	-798	-184048	2.5	V
				Y			-799	-4475	-796	-17974	4.0	V
				X	16	20.0	0	129478	0	307980	2.4	V
6	Piano 1	21, 43	1	X	16	20.0	0	894	-16	17936	20.1	V
				Y			0	-14495	-14495	-8406	3.0	V
			2	X	12	20.0	-10953	9859	-10954	20074	2.0	V
9	Piano 1	36, 32	1	X	12	20.0	-10953	-2316	-10952	-6896	3.0	V
				Y			-42015	157627	-42015	420936	2.7	V
				X	20	15.0	-42015	-2796	-42027	-50193	18.0	V
10	Piano 1	40, 41	1	X	16	20.0	0	24061	0	74779	3.1	V
				Y			0	-3089	0	-14997	4.9	V
				X	16	20.0	0	33541	0	96095	2.9	V
11	Piano 1	41, 47	1	X	16	20.0	0	-3124	-3	-16893	5.4	V
				Y			0	-105564	-1	-447112	4.2	V
				X	16	20.0	0	-5109	8	-35785	7.0	V
12	Piano 1	46, 45	1	X	16	20.0	0	98136	-1	286778	2.9	V
				Y			0	-472	6	-28324	60.1	V
				X	16	20.0	0	-65451	0	-271704	4.2	V
13	Piano 1	47, 48	1	X	16	20.0	0	598	16	16823	28.1	V
				Y			0	91401	-10275	223841	2.4	V
				X	16	20.0	-10275	654	-10268	25709	39.3	V
14	Piano 1	46, 2	1	X	16	20.0	0	-1962	0	-36666	18.7	V

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	o 2			Y			0	732	2	10574	14.4	V
18	Pian o 2	3, 45	1	X	16	20.0	0	2359	1	39872	16.9	V
				Y			0	617	-1	11204	18.2	V
19	Pian o 2	17, 20	1	X	20	10.0	0	1507	-1	2974	2.0	V
				Y			0	-161	1	-5260	32.7	V
			2	X	20	10.0	-15478	21843	-15478	260821	11.9	V
				Y			-15478	-738	-15482	-46301	62.7	V
20	Pian o 2	20, 23	1	X	12	20.0	-10134	-53577	-10133	-201677	3.8	V
				Y			-10134	-1135	-10137	-19174	16.9	V
21	Pian o 2	21, 43	1	X	12	20.0	0	111929	1	188882	1.7	V
				Y			0	-396	2	-17907	45.2	V
23	Pian o 2	36, 32	1	X	12	20.0	-27878	66449	-27879	201622	3.0	V
				Y			-27878	-8388	-27876	-20266	2.4	V
24	Pian o 2	40, 41	1	X	24	15.0	0	-20715	1	-48680	2.3	V
				Y			0	-1400	1	-35751	25.5	V
			2	X	24	15.0	0	24521	0	52549	2.1	V
				Y			0	-1480	0	-35840	24.2	V
25	Pian o 2	40, 48	1	X	16	20.0	0	7566	0	74779	9.9	V
				Y			0	2435	0	14997	6.2	V
26	Pian o 2	41, 47	1	X	16	20.0	0	10745	0	96095	8.9	V
				Y			0	-2710	-3	-16893	6.2	V
27	Pian o 2	43, 44	1	X	12	20.0	0	-73915	0	-262125	3.5	V
				Y			0	-1443	2	-21244	14.7	V
28	Pian o 2	45, 46	1	X	16	20.0	0	-89248	-1	-286778	3.2	V
				Y			0	390	6	28323	72.6	V
29	Pian o 2	47, 48	1	X	20	15.0	0	-68071	0	-504821	7.4	V
				Y			0	450	13	29477	65.5	V
30	Pian o 3	2, 3	1	X	16	20.0	-3686	29241	-3686	217867	7.5	V
				Y			-3686	396	-3687	24958	63.1	V
31	Pian o 3	46, 2	1	X	16	20.0	-827	-1255	-826	-40192	32.0	V
				Y			-827	-582	-826	-11297	19.4	V
32	Pian o 3	3, 45	1	X	16	20.0	0	1841	1	39872	21.7	V
				Y			0	229	-1	11204	49.0	V
33	Pian o 3	17, 20	1	X	20	10.0	0	1715	-1	2974	1.7	V
				Y			0	-682	1	-5260	7.7	V
			2	X	20	10.0	0	-23171	0	-255424	11.0	V
				Y			0	543	0	44765	82.5	V
34	Pian o 3	20, 23	1	X	12	20.0	-1546	-5377	-1545	-191022	35.5	V
				Y			-1546	-4409	-1552	-18103	4.1	V
35	Pian o 3	21, 43	1	X	22	15.0	-2414	35227	-2414	708224	20.1	V
				Y			-2414	-404	-2405	-66685	164.9	V
37	Pian o 3	36, 32	1	X	12	20.0	-17357	-10077	-17356	-207657	20.6	V
				Y			-17357	8399	-17351	20053	2.4	V
38	Pian o 3	40, 41	1	X	30	15.0	0	13578	-1	69748	5.1	V
				Y			0	1392	-6	53110	38.1	V
			2	X	30	15.0	0	-14745	0	-75022	5.1	V
				Y			0	1645	-3	53242	32.4	V
39	Pian o 3	40, 48	1	X	16	20.0	0	9884	0	74779	7.6	V
				Y			0	-1288	0	-14997	11.6	V
40	Pian o 3	41, 47	1	X	16	20.0	0	14233	0	96095	6.8	V
				Y			0	1342	-3	16893	12.6	V

41	Piano 3	43, 44	1	X	12	20.0	0	-7848	-1	-31449	4.0	V
				Y			0	-395	1	-7772	19.7	V
			2	X	12	20.0	0	6888	1	32374	4.7	V
				Y			0	836	1	7785	9.3	V
42	Piano 3	45, 46	1	X	16	20.0	0	-21984	-1	-286778	13.0	V
				Y			0	173	6	28323	164.0	V
43	Piano 3	47, 48	1	X	12	20.0	-3547	-19742	-3547	-170280	8.6	V
				Y			-3547	639	-3546	17231	26.9	V

Verifiche Capacità Deformazione

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 Maschio : numero identificativo dei maschi murari di ogni parete;
 Num. Sez. : sezione di verifica;
 Num. CC : numero della combinazione di carico;
 Nsd : Sforzo Normale Sollecitante;
 Msd : Momento Flettente;
 Domanda : domanda di rotazione;
 θ_u : capacità di rotazione rispetto alla corda in condizioni di collasso;
 S : coefficiente di sicurezza
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 18.III

Parete	Imp.	Fili	Maschi	Pos.	Dir.	Num. Sez.	Num. CC	Nsd [daN]	Msd [daNm]	Domanda [rad]	θ_u [rad]	S	Esito
1	Piano 1	2, 3	1	Testa	X	1	8	-16410	73190.61	0.00001	0.00061	64.49	V
					Y	1	8	-16410	-77.79	0.00155	0.01919	12.38	V
				Piede	X	2	11	-48942	-103573.21	0.00004	0.00293	71.77	V
					Y	2	8	-11715	796.56	0.00155	0.01899	12.25	V
2	Piano 1	46, 2	1	Testa	X	1	17	-44092	-1643.74	0.00023	0.00068	3.00	V
					Y	1	13	71036	151.02	0.00062	0.01115	18.01	V
				Piede	X	2	17	103151	5581.41	0.00023	0.00280	12.31	V
					Y	2	10	102630	2510.45	0.00059	0.00959	16.26	V
3	Piano 1	45, 3	1	Testa	X	1	11	43252	1241.40	0.00047	0.00377	8.08	V
					Y	1	18	39759	155.89	0.00019	0.00269	14.00	V
				Piede	X	2	11	64358	6230.45	0.00047	0.00338	7.25	V
					Y	2	13	111038	2584.23	0.00058	0.00921	15.97	V
4	Piano 1	17, 20	1	Testa	X	1	6	16865	1500.19	0.00012	0.00883	74.88	V
					Y	1	6	16865	129.01	0.00062	0.00646	10.40	V
				Piede	X	2	12	-11044	1955.99	0.00016	0.01156	72.53	V
					Y	2	13	-11187	205.37	0.00063	0.01195	19.07	V
			2	Testa	X	1	6	1425	14192.55	0.00014	0.00069	4.96	V
					Y	1	6	1425	365.22	0.00062	0.00711	11.43	V
				Piede	X	2	10	61744	38091.64	0.00017	0.00129	7.78	V
					Y	2	13	62513	3248.48	0.00063	0.00996	15.91	V
5	Piano 1	20, 23	1	Testa	X	1	13	-19614	46933.30	0.00006	0.00058	9.00	V
					Y	1	13	-19614	-239.83	0.00063	0.02187	34.94	V
				Piede	X	2	11	-5509	65206.24	0.00007	0.00283	40.37	V
					Y	2	13	-799	2028.23	0.00063	0.02056	32.85	V
6	Piano 1	21, 43	1	Testa	X	1	9	30478	53048.51	0.00017	0.00192	11.30	V
					Y	1	18	-6159	18.98	0.00095	0.01866	19.70	V
				Piede	X	2	9	53506	78654.72	0.00017	0.00181	10.68	V
					Y	2	18	1214	422.49	0.00095	0.01842	19.44	V
9	Piano 1	36, 32	1	Testa	X	1	11	7334	3075.80	0.00008	0.00229	28.68	V
					Y	1	10	7833	283.15	0.00055	0.00868	15.78	V

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				Piede	X	2	13	-46677	-10772.54	0.00010	0.00058	5.91	V
					Y	2	9	-14495	1457.72	0.00056	0.01858	33.48	V
		2		Testa	X	1	11	2860	5386.58	0.00013	0.00128	9.59	V
					Y	1	18	-25126	996.71	0.00018	0.00085	4.64	V
				Piede	X	2	16	-47175	-3860.17	0.00012	0.01566	134.87	V
					Y	2	9	-17045	1075.57	0.00055	0.02018	36.42	V
10	Piano 1	40, 41	1	Testa	X	1	18	-45593	46333.57	0.00005	0.00098	18.23	V
					Y	1	21	-42880	466.42	0.00127	0.01553	12.22	V
				Piede	X	2	9	-73108	-14451.51	0.00008	0.00251	31.08	V
					Y	2	21	-47763	617.83	0.00127	0.01565	12.31	V
11	Piano 1	40, 48	1	Testa	X	1	16	106747	11528.12	0.00034	0.00168	4.96	V
					Y	1	11	48376	442.08	0.00060	0.01382	22.95	V
				Piede	X	2	19	62765	17564.72	0.00038	0.00236	6.27	V
					Y	2	12	69227	1983.50	0.00059	0.01264	21.60	V
12	Piano 1	41, 47	1	Testa	X	1	21	94785	7036.44	0.00027	0.00157	5.90	V
					Y	1	15	-126877	-1152.35	0.00016	0.00217	13.57	V
				Piede	X	2	14	49640	25419.67	0.00030	0.00252	8.52	V
					Y	2	11	63011	1910.84	0.00058	0.01345	23.38	V
13	Piano 1	43, 44	1	Testa	X	1	12	2689	7412.84	0.00010	0.00058	5.62	V
					Y	1	10	96386	409.48	0.00055	0.01463	26.41	V
				Piede	X	2	16	188029	100189.59	0.00028	0.00162	5.69	V
					Y	2	10	138473	2471.50	0.00055	0.01356	24.48	V
14	Piano 1	46, 45	1	Testa	X	1	6	10695	61186.15	0.00018	0.00254	14.48	V
					Y	1	8	13676	228.74	0.00146	0.01708	11.67	V
				Piede	X	2	21	-34349	25414.10	0.00007	0.00060	8.13	V
					Y	2	8	19758	375.33	0.00146	0.01685	11.51	V
15	Piano 1	47, 48	1	Testa	X	1	10	-43069	-4844.84	0.00010	0.00097	9.57	V
					Y	1	9	3473	246.04	0.00027	0.00181	6.73	V
				Piede	X	2	6	-44767	-5314.16	0.00010	0.00060	5.98	V
					Y	2	13	1625	36.80	0.00090	0.00167	1.85	V
16	Piano 2	2, 3	1	Testa	X	1	15	-22677	-17646.80	0.00002	0.00280	147.26	V
					Y	1	8	-16620	136.96	0.00210	0.01855	8.84	V
				Piede	X	2	14	-32787	-22083.77	0.00002	0.00142	86.98	V
					Y	2	8	-10275	628.49	0.00210	0.01824	8.70	V
17	Piano 2	46, 2	1	Testa	X	1	17	8619	-579.98	0.00022	0.00088	4.00	V
					Y	1	6	16394	420.01	0.00083	0.01402	16.91	V
				Piede	X	2	11	29785	1094.07	0.00033	0.00244	7.30	V
					Y	2	13	58233	702.47	0.00081	0.00670	8.28	V
18	Piano 2	3, 45	1	Testa	X	1	11	26480	2295.63	0.00023	0.00308	13.49	V
					Y	1	7	-23456	-95.25	0.00073	0.00903	12.33	V
				Piede	X	2	8	41741	2158.70	0.00022	0.00311	14.20	V
					Y	2	6	73180	560.69	0.00074	0.00958	12.93	V
19	Piano 2	17, 20	1	Testa	X	1	6	15878	1507.18	0.00009	0.00942	108.80	V
					Y	1	6	15878	68.28	0.00082	0.00744	9.06	V
				Piede	X	2	11	-7257	1137.33	0.00012	0.01064	90.12	V
					Y	2	13	-6554	109.72	0.00081	0.01053	12.94	V
		2		Testa	X	1	8	-19924	21489.11	0.00003	0.00069	24.06	V
					Y	1	6	-15861	380.23	0.00082	0.01084	13.23	V
				Piede	X	2	13	-1119	11809.72	0.00006	0.00105	16.86	V
					Y	2	13	-1119	101.48	0.00081	0.00876	10.76	V
20	Piano 2	20, 23	1	Testa	X	1	13	-22492	15520.90	0.00003	0.00226	85.11	V
					Y	1	21	-44684	-924.46	0.00028	0.00090	3.17	V
				Piede	X	2	11	-10134	48066.19	0.00003	0.00367	114.63	V
					Y	2	11	-10134	663.42	0.00081	0.02165	26.71	V
21	Piano 2	21, 43	1	Testa	X	1	10	-6183	11233.65	0.00007	0.00223	33.16	V
					Y	1	19	-16640	201.69	0.00158	0.02211	14.01	V
				Piede	X	2	7	23774	-7159.56	0.00005	0.00173	35.67	V
					Y	2	19	-7437	-29.35	0.00158	0.02146	13.60	V
23	Piano 2	36, 32	1	Testa	X	1	7	-39782	12068.72	0.00004	0.00358	80.80	V
					Y	1	9	-30967	4049.49	0.00074	0.02343	31.52	V

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				Piede	X	2	6	-46294	57876.79	0.00004	0.00405	90.07	V
					Y	2	9	-34204	3673.30	0.00074	0.02368	31.87	V
24	Piano 2	40, 41	1	Testa	X	1	16	61812	12872.73	0.00007	0.00369	49.65	V
					Y	1	14	79756	1098.97	0.00227	0.00592	2.60	V
				Piede	X	2	19	16072	15961.25	0.00010	0.00366	35.06	V
					Y	2	21	19366	228.95	0.00229	0.00919	4.01	V
			2	Testa	X	1	14	61610	16977.63	0.00007	0.00343	49.84	V
					Y	1	14	61610	1381.19	0.00227	0.00662	2.92	V
				Piede	X	2	21	24302	24521.25	0.00004	0.00450	109.08	V
					Y	2	21	24302	812.54	0.00229	0.00912	3.98	V
25	Piano 2	40, 48	1	Testa	X	1	16	15730	5906.27	0.00017	0.00374	21.91	V
					Y	1	20	-38742	-1391.33	0.00021	0.00107	5.15	V
				Piede	X	2	16	99455	7566.24	0.00017	0.00260	15.25	V
					Y	2	11	45450	1311.19	0.00082	0.01414	17.20	V
26	Piano 2	41, 47	1	Testa	X	1	12	-20414	700.51	0.00006	0.00070	10.90	V
					Y	1	11	-34211	-889.35	0.00077	0.01009	13.12	V
				Piede	X	2	14	44359	1673.59	0.00014	0.00243	17.64	V
					Y	2	20	-104623	-1902.45	0.00016	0.00082	5.21	V
27	Piano 2	43, 44	1	Testa	X	1	10	-23880	-39796.78	0.00011	0.00056	5.06	V
					Y	1	8	-2963	-381.19	0.00073	0.01417	19.42	V
				Piede	X	2	16	120189	43084.35	0.00014	0.00202	14.78	V
					Y	2	7	-50062	499.84	0.00067	0.00700	10.39	V
28	Piano 2	45, 46	1	Testa	X	1	12	-2138	11962.82	0.00011	0.00266	24.62	V
					Y	1	11	1345	346.84	0.00215	0.01774	8.26	V
				Piede	X	2	12	5243	40211.91	0.00011	0.00260	24.04	V
					Y	2	11	8851	367.60	0.00215	0.01744	8.12	V
29	Piano 2	47, 48	1	Testa	X	1	6	-27890	-12070.31	0.00006	0.00102	16.41	V
					Y	1	21	-3936	351.19	0.00237	0.00642	2.70	V
				Piede	X	2	11	-37571	-9288.49	0.00006	0.00082	13.28	V
					Y	2	14	6620	422.62	0.00236	0.01393	5.91	V
30	Piano 3	2, 3	1	Testa	X	1	17	-9514	-3560.94	0.00001	0.00290	412.67	V
					Y	1	8	3250	-73.78	0.00216	0.01760	8.16	V
				Piede	X	2	17	-25357	-25870.75	0.00001	0.00061	86.29	V
					Y	2	8	-3686	395.55	0.00216	0.01793	8.31	V
31	Piano 3	46, 2	1	Testa	X	1	18	-924	-20.25	0.00004	0.00433	120.48	V
					Y	1	11	-3131	-581.52	0.00075	0.01132	15.10	V
				Piede	X	2	17	15678	1634.41	0.00003	0.00318	111.97	V
					Y	2	11	13067	351.18	0.00075	0.01198	15.98	V
32	Piano 3	3, 45	1	Testa	X	1	11	1884	400.97	0.00004	0.00531	118.84	V
					Y	1	8	-3930	-22.13	0.00073	0.01744	23.89	V
				Piede	X	2	11	16343	1841.32	0.00004	0.00467	104.72	V
					Y	2	10	17855	215.85	0.00069	0.01529	22.09	V
33	Piano 3	17, 20	1	Testa	X	1	13	-17684	-1131.14	0.00005	0.01480	320.95	V
					Y	1	20	-4156	401.44	0.00017	0.00159	9.12	V
				Piede	X	2	21	-4473	195.74	0.00003	0.00226	84.48	V
					Y	2	11	3806	120.36	0.00077	0.00901	11.72	V
			2	Testa	X	1	20	-19242	-3956.26	0.00002	0.00245	138.36	V
					Y	1	8	2918	-364.96	0.00077	0.00938	12.11	V
				Piede	X	2	12	9201	16882.41	0.00001	0.00070	47.73	V
					Y	2	13	8851	209.52	0.00076	0.00938	12.42	V
34	Piano 3	20, 23	1	Testa	X	1	8	-19883	-3731.16	0.00002	0.00246	123.32	V
					Y	1	13	-1546	1356.53	0.00076	0.00099	1.31	V
				Piede	X	2	19	-40262	-10690.42	0.00002	0.00071	41.23	V
					Y	2	11	-17284	580.87	0.00076	0.02078	27.26	V
35	Piano 3	21, 43	1	Testa	X	1	11	-2421	5478.26	0.00001	0.00184	154.27	V
					Y	1	18	-6547	-186.00	0.00149	0.00158	1.06	V
				Piede	X	2	11	-6228	10050.55	0.00001	0.00185	154.92	V
					Y	2	16	-17361	-60.51	0.00141	0.01169	8.29	V
37	Piano 3	36, 32	1	Testa	X	1	13	-20378	7960.68	0.00000	0.00058	225.89	V
					Y	1	9	-22353	-3327.31	0.00069	0.01475	21.26	V

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				Piede	X	2	11	-36518	-8468.10	0.00001	0.00058	92.91	V
					Y	2	10	-36588	-670.20	0.00068	0.01644	24.16	V
38	Pian o 3	40, 41	1	Testa	X	1	15	26043	10055.90	0.00001	0.00121	106.91	V
					Y	1	7	-7341	-636.13	0.00127	0.00142	1.12	V
				Piede	X	2	19	10754	7594.65	0.00003	0.00110	34.96	V
					Y	2	11	-13353	-42.05	0.00047	0.00133	2.82	V
			2	Testa	X	1	6	12078	7582.12	0.00002	0.00522	225.15	V
					Y	1	9	-7961	1142.57	0.00033	0.00133	3.96	V
				Piede	X	2	6	-12405	789.53	0.00002	0.00567	244.72	V
					Y	2	21	15924	22.92	0.00197	0.00730	3.70	V
39	Pian o 3	40, 48	1	Testa	X	1	8	-6488	3612.69	0.00001	0.00270	204.85	V
					Y	1	13	-14775	-752.94	0.00077	0.01229	15.96	V
				Piede	X	2	7	-31266	-3117.08	0.00001	0.00211	157.65	V
					Y	2	9	-19171	129.09	0.00074	0.00119	1.62	V
40	Pian o 3	41, 47	1	Testa	X	1	19	5455	14233.41	0.00002	0.00324	200.91	V
					Y	1	13	-9192	-38.55	0.00070	0.00117	1.67	V
				Piede	X	2	19	-30533	-9773.27	0.00002	0.00269	167.16	V
					Y	2	6	-15792	-63.11	0.00069	0.01078	15.74	V
41	Pian o 3	43, 44	1	Testa	X	1	20	4950	1058.62	0.00010	0.00590	59.72	V
					Y	1	9	-2889	3.15	0.00070	0.02042	29.13	V
				Piede	X	2	8	-10569	-2918.60	0.00002	0.00064	37.51	V
					Y	2	12	30790	139.12	0.00063	0.01564	24.74	V
			2	Testa	X	1	12	3306	115.50	0.00011	0.00589	52.41	V
					Y	1	10	2471	-385.92	0.00068	0.00096	1.42	V
				Piede	X	2	10	31781	5169.40	0.00010	0.00163	16.31	V
					Y	2	10	31781	58.11	0.00068	0.01561	23.06	V
42	Pian o 3	45, 46	1	Testa	X	1	12	-419	877.88	0.00002	0.00265	165.10	V
					Y	1	8	-2635	-69.64	0.00224	0.01790	8.01	V
				Piede	X	2	12	-2574	5195.93	0.00002	0.00267	166.26	V
					Y	2	11	93	172.76	0.00220	0.01779	8.09	V
43	Pian o 3	47, 48	1	Testa	X	1	7	1937	2051.31	0.00001	0.00125	104.63	V
					Y	1	6	2258	86.44	0.00150	0.00647	4.31	V
				Piede	X	2	9	-19320	-6172.78	0.00001	0.00280	196.84	V
					Y	2	21	-7124	639.42	0.00204	0.02147	10.54	V

- Verifica Pareti Generiche -

Verifica tensione massima del calcestruzzo (σ_c) e Verifica tensione di taglio.

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 Sp. : spessore della parete;

σ_c : tensione massima del calcestruzzo
 f_{cd} : resistenza massima di calcolo del calcestruzzo
 Esito σ_c : Esito verifica tens. max cls : V = VERIFICATA;
 : NV = NON VERIFICATA;

τ_{xy} : tensione tangenziale di taglio
 $\tau_{xy,calc}$: tensione tangenziale di taglio di calcolo
 $\tau_{xy,lim}$: tensione tangenziale di taglio limite
 Esito τ_{xy} : Esito verifica tens. di taglio : V = VERIFICATA;
 : NV = NON VERIFICATA;

Devono essere verificate le seguenti espressioni:

$$\sigma_c \leq f_{cd}$$

$$|\tau_{xy}| = \tau_{xy,calc} < \tau_{xy,lim}$$

Tabella 19.I

Parete	Imp.	Fili	Sp.	σ_c [daN/cm²]	f_{cd} [daN/cm²]	Esito σ_c	$\tau_{xy,calc}$ [daN/cm²]	$\tau_{xy,lim}$ [daN/cm²]	Esito τ_{xy}
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							/cm ²		
7	Piano 1	28, 27	30.0	56.65	141.67	V	0.00	0.00	V
8	Piano 1	44, 28	30.0	49.28	141.67	V	0.00	0.00	V
22	Piano 2	44, 28	30.0	32.79	141.67	V	0.00	0.00	V
36	Piano 3	28, 44	30.0	33.25	141.67	V	0.00	0.00	V

DATI PROGETTO E VERIFICHE ARMATURE VERTICALE ED ORIZZONTALE (Riferite alle unità di lunghezza)

Unità di Lunghezza = 100 cm

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 $f_{d,v}$: tensione di trazione nominale di calcolo nella direzione verticale
 Rich. : percentuale di armatura richiesta
 Diam. : diametro armatura
 Int. : interasse armatura
 Disp. : percentuale di armatura disposta
 Max prescr. : Percentuale di armatura massima da prescrizione
 $f_{d,o}$: tensione di trazione nominale di calcolo nella direzione orizzontale

Tabella 19.II

Parete	Imp.	Fili	Armatura verticale								Armatura orizzontale							
			$f_{d,v}$ [daN/c m ²]	Rich.	Min.	Diam. [cm]	Int. [cm]	Disp.	$f_{d,veff.}$ [daN/c m ²]	Max prescr.	$f_{d,o}$ [daN/c m ²]	Rich.	Min.	Diam. [cm]	Int. [cm]	Disp.	$f_{d,o,eff.}$ [daN/c m ²]	Max prescr.
7	Piano 1	28,27	24.93	0.84%	0.84%	16	20.0	1.29%	16.28	50.00 %	42.53	1.44%	1.44%	16	20.0	1.33%	46.03	50.00 %
8	Piano 1	44,28	30.60	1.04%	1.04%	16	20.0	1.29%	24.54	50.00 %	40.09	1.36%	1.36%	16	20.0	1.30%	41.67	50.00 %
22	Piano 2	44,28	31.78	1.08%	1.08%	12	20.0	0.73%	47.05	50.00 %	17.14	0.58%	0.58%	12	20.0	0.73%	13.54	50.00 %
36	Piano 3	28,44	29.76	1.01%	1.01%	12	20.0	0.73%	41.24	50.00 %	11.09	0.38%	0.38%	12	20.0	0.73%	5.67	50.00 %

1.2 Verifica Stati Limite DL - PGA DL = 0.1505 g.

1.2.1 Cinematismi Nodali SLD.

Tabella 20.I

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
1	CC1	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	4.93E-8
	CC2	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	4.93E-8
	CC3	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	4.93E-8
	CC4	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	4.28E-8
	CC5	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	4.28E-8
	CC6	0.0000	0.0000	-0.1269	0.00E+0	0.00E+0	-1.74E-6
	CC7	0.0000	0.0000	-0.1254	0.00E+0	0.00E+0	-1.66E-6
	CC8	0.0000	0.0000	-0.1583	0.00E+0	0.00E+0	-1.72E-6
	CC9	0.0000	0.0000	-0.1568	0.00E+0	0.00E+0	-1.64E-6
	CC10	0.0000	0.0000	-0.0297	0.00E+0	0.00E+0	1.72E-6
	CC11	0.0000	0.0000	-0.0282	0.00E+0	0.00E+0	1.80E-6
	CC12	0.0000	0.0000	-0.0611	0.00E+0	0.00E+0	1.74E-6
	CC13	0.0000	0.0000	-0.0596	0.00E+0	0.00E+0	1.82E-6
	CC14	0.0000	0.0000	-0.0578	0.00E+0	0.00E+0	-6.32E-7
	CC15	0.0000	0.0000	-0.0532	0.00E+0	0.00E+0	-3.96E-7
	CC16	0.0000	0.0000	-0.0286	0.00E+0	0.00E+0	4.08E-7
	CC17	0.0000	0.0000	-0.0240	0.00E+0	0.00E+0	6.43E-7
	CC18	0.0000	0.0000	-0.1624	0.00E+0	0.00E+0	-5.62E-7
	CC19	0.0000	0.0000	-0.1579	0.00E+0	0.00E+0	-3.26E-7
	CC20	0.0000	0.0000	-0.1333	0.00E+0	0.00E+0	4.77E-7
	CC21	0.0000	0.0000	-0.1287	0.00E+0	0.00E+0	7.13E-7

2	CC1	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.89E-9
	CC2	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.89E-9
	CC3	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.89E-9
	CC4	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	1.76E-9
	CC5	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	1.76E-9
	CC6	0.0000	0.0000	-0.0716	0.00E+0	0.00E+0	-7.06E-7
	CC7	0.0000	0.0000	-0.0720	0.00E+0	0.00E+0	-6.75E-7
	CC8	0.0000	0.0000	-0.0668	0.00E+0	0.00E+0	-9.60E-7
	CC9	0.0000	0.0000	-0.0672	0.00E+0	0.00E+0	-9.28E-7
	CC10	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	9.32E-7
	CC11	0.0000	0.0000	-0.0975	0.00E+0	0.00E+0	9.63E-7
	CC12	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	6.78E-7
	CC13	0.0000	0.0000	-0.0927	0.00E+0	0.00E+0	7.10E-7
	CC14	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	1.30E-7
	CC15	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	2.27E-7
	CC16	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	6.22E-7
	CC17	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	7.18E-7
	CC18	0.0000	0.0000	-0.0697	0.00E+0	0.00E+0	-7.15E-7
	CC19	0.0000	0.0000	-0.0710	0.00E+0	0.00E+0	-6.18E-7
	CC20	0.0000	0.0000	-0.0774	0.00E+0	0.00E+0	-2.23E-7
	CC21	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	-1.27E-7
3	CC1	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	4.42E-9
	CC2	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	4.42E-9
	CC3	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	4.42E-9
	CC4	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	4.29E-9
	CC5	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	4.29E-9
	CC6	0.0000	0.0000	-0.0603	0.00E+0	0.00E+0	-6.96E-7
	CC7	0.0000	0.0000	-0.0614	0.00E+0	0.00E+0	-6.65E-7
	CC8	0.0000	0.0000	-0.0482	0.00E+0	0.00E+0	-9.44E-7
	CC9	0.0000	0.0000	-0.0493	0.00E+0	0.00E+0	-9.12E-7
	CC10	0.0000	0.0000	-0.1148	0.00E+0	0.00E+0	9.21E-7
	CC11	0.0000	0.0000	-0.1159	0.00E+0	0.00E+0	9.52E-7
	CC12	0.0000	0.0000	-0.1028	0.00E+0	0.00E+0	6.73E-7
	CC13	0.0000	0.0000	-0.1038	0.00E+0	0.00E+0	7.05E-7
	CC14	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	1.26E-7
	CC15	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	2.22E-7
	CC16	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	6.11E-7
	CC17	0.0000	0.0000	-0.1119	0.00E+0	0.00E+0	7.07E-7
	CC18	0.0000	0.0000	-0.0522	0.00E+0	0.00E+0	-6.98E-7
	CC19	0.0000	0.0000	-0.0554	0.00E+0	0.00E+0	-6.03E-7
	CC20	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	-2.13E-7
	CC21	0.0000	0.0000	-0.0718	0.00E+0	0.00E+0	-1.18E-7
4	CC1	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-1.28E-8
	CC2	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-1.28E-8
	CC3	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-1.28E-8
	CC4	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.16E-8
	CC5	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.16E-8
	CC6	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	8.02E-8
	CC7	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	7.62E-8
	CC8	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	7.84E-8
	CC9	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	7.44E-8
	CC10	0.0000	0.0000	-0.0626	0.00E+0	0.00E+0	-9.67E-8
	CC11	0.0000	0.0000	-0.0622	0.00E+0	0.00E+0	-1.01E-7
	CC12	0.0000	0.0000	-0.0717	0.00E+0	0.00E+0	-9.86E-8
	CC13	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	-1.03E-7
	CC14	0.0000	0.0000	-0.0722	0.00E+0	0.00E+0	2.46E-8
	CC15	0.0000	0.0000	-0.0709	0.00E+0	0.00E+0	1.23E-8
	CC16	0.0000	0.0000	-0.0631	0.00E+0	0.00E+0	-2.85E-8
	CC17	0.0000	0.0000	-0.0618	0.00E+0	0.00E+0	-4.08E-8
	CC18	0.0000	0.0000	-0.1024	0.00E+0	0.00E+0	1.84E-8
	CC19	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	6.14E-9
	CC20	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	-3.47E-8
	CC21	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	-4.70E-8
5	CC1	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.94E-9
	CC2	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.94E-9
	CC3	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.94E-9
	CC4	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	3.63E-9
	CC5	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	3.63E-9
	CC6	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-5.84E-8
	CC7	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-5.59E-8
	CC8	0.0000	0.0000	-0.0821	0.00E+0	0.00E+0	-3.88E-8
	CC9	0.0000	0.0000	-0.0821	0.00E+0	0.00E+0	-3.63E-8

	CC10	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	4.33E-8
	CC11	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	4.59E-8
	CC12	0.0000	0.0000	-0.0743	0.00E+0	0.00E+0	6.29E-8
	CC13	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	6.55E-8
	CC14	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-4.82E-8
	CC15	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-4.05E-8
	CC16	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	-1.77E-8
	CC17	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-9.99E-9
	CC18	0.0000	0.0000	-0.0774	0.00E+0	0.00E+0	1.70E-8
	CC19	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	2.47E-8
	CC20	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	4.76E-8
	CC21	0.0000	0.0000	-0.0749	0.00E+0	0.00E+0	5.53E-8
6	CC1	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.45E-9
	CC2	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.45E-9
	CC3	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.45E-9
	CC4	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	3.21E-9
	CC5	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	3.21E-9
	CC6	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	-5.34E-8
	CC7	0.0000	0.0000	-0.0732	0.00E+0	0.00E+0	-5.13E-8
	CC8	0.0000	0.0000	-0.0681	0.00E+0	0.00E+0	-1.78E-8
	CC9	0.0000	0.0000	-0.0684	0.00E+0	0.00E+0	-1.57E-8
	CC10	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	2.20E-8
	CC11	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	2.41E-8
	CC12	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	5.75E-8
	CC13	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	5.96E-8
	CC14	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	-7.06E-8
	CC15	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	-6.42E-8
	CC16	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	-4.80E-8
	CC17	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	-4.16E-8
	CC18	0.0000	0.0000	-0.0680	0.00E+0	0.00E+0	4.79E-8
	CC19	0.0000	0.0000	-0.0688	0.00E+0	0.00E+0	5.42E-8
	CC20	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	7.05E-8
	CC21	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	7.68E-8
7	CC1	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.42E-9
	CC2	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.42E-9
	CC3	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.42E-9
	CC4	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	-4.19E-9
	CC5	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	-4.19E-9
	CC6	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.50E-7
	CC7	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-1.44E-7
	CC8	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	-1.45E-7
	CC9	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	-1.39E-7
	CC10	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	1.30E-7
	CC11	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	1.37E-7
	CC12	0.0000	0.0000	-0.0768	0.00E+0	0.00E+0	1.35E-7
	CC13	0.0000	0.0000	-0.0766	0.00E+0	0.00E+0	1.42E-7
	CC14	0.0000	0.0000	-0.0690	0.00E+0	0.00E+0	-6.41E-8
	CC15	0.0000	0.0000	-0.0684	0.00E+0	0.00E+0	-4.49E-8
	CC16	0.0000	0.0000	-0.0646	0.00E+0	0.00E+0	2.01E-8
	CC17	0.0000	0.0000	-0.0641	0.00E+0	0.00E+0	3.92E-8
	CC18	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-4.74E-8
	CC19	0.0000	0.0000	-0.0952	0.00E+0	0.00E+0	-2.83E-8
	CC20	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	3.67E-8
	CC21	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	5.58E-8
8	CC1	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	5.47E-9
	CC2	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	5.47E-9
	CC3	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	5.47E-9
	CC4	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	5.15E-9
	CC5	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	5.15E-9
	CC6	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	-5.78E-8
	CC7	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	-5.50E-8
	CC8	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	-5.98E-8
	CC9	0.0000	0.0000	-0.0768	0.00E+0	0.00E+0	-5.70E-8
	CC10	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	6.71E-8
	CC11	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	6.99E-8
	CC12	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	6.51E-8
	CC13	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	6.78E-8
	CC14	0.0000	0.0000	-0.0793	0.00E+0	0.00E+0	-1.45E-8
	CC15	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	-6.07E-9
	CC16	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	2.29E-8
	CC17	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	3.14E-8
	CC18	0.0000	0.0000	-0.0777	0.00E+0	0.00E+0	-2.13E-8

	CC19	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-1.28E-8
	CC20	0.0000	0.0000	-0.0790	0.00E+0	0.00E+0	1.61E-8
	CC21	0.0000	0.0000	-0.0791	0.00E+0	0.00E+0	2.46E-8
9	CC1	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	3.92E-1
	CC2	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	3.92E-1
	CC3	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	3.92E-1
	CC4	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	1.03E-1
	CC5	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	1.03E-1
	CC6	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-1.39E-7
	CC7	0.0000	0.0000	-0.0754	0.00E+0	0.00E+0	-1.33E-7
	CC8	0.0000	0.0000	-0.0721	0.00E+0	0.00E+0	-1.51E-7
	CC9	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	-1.45E-7
	CC10	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	1.45E-7
	CC11	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	1.51E-7
	CC12	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	1.33E-7
	CC13	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	1.39E-7
	CC14	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-3.15E-8
	CC15	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-1.31E-8
	CC16	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	5.35E-8
	CC17	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	7.18E-8
	CC18	0.0000	0.0000	-0.0722	0.00E+0	0.00E+0	-7.18E-8
	CC19	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	-5.35E-8
	CC20	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	1.32E-8
	CC21	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	3.15E-8
10	CC1	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-5.12E-9
	CC2	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-5.12E-9
	CC3	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-5.12E-9
	CC4	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-5.02E-9
	CC5	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-5.02E-9
	CC6	0.0000	0.0000	-0.0721	0.00E+0	0.00E+0	-1.19E-7
	CC7	0.0000	0.0000	-0.0720	0.00E+0	0.00E+0	-1.14E-7
	CC8	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	-1.19E-7
	CC9	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-1.14E-7
	CC10	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	1.04E-7
	CC11	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	1.09E-7
	CC12	0.0000	0.0000	-0.0857	0.00E+0	0.00E+0	1.04E-7
	CC13	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	1.09E-7
	CC14	0.0000	0.0000	-0.0709	0.00E+0	0.00E+0	-4.52E-8
	CC15	0.0000	0.0000	-0.0706	0.00E+0	0.00E+0	-3.03E-8
	CC16	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	2.18E-8
	CC17	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	3.67E-8
	CC18	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	-4.66E-8
	CC19	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-3.17E-8
	CC20	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	2.03E-8
	CC21	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	3.52E-8
11	CC1	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	4.02E-9
	CC2	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	4.02E-9
	CC3	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	4.02E-9
	CC4	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	3.58E-9
	CC5	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	3.58E-9
	CC6	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	-8.38E-8
	CC7	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	-7.98E-8
	CC8	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-1.04E-7
	CC9	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-9.97E-8
	CC10	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	1.07E-7
	CC11	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	1.11E-7
	CC12	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	8.67E-8
	CC13	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	9.07E-8
	CC14	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	1.98E-9
	CC15	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	1.40E-8
	CC16	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	5.91E-8
	CC17	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	7.12E-8
	CC18	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	-6.43E-8
	CC19	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-5.22E-8
	CC20	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	-7.17E-9
	CC21	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	4.89E-9
12	CC1	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	6.71E-1
	CC2	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	6.71E-1
	CC3	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	6.71E-1
	CC4	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	1.79E-9
	CC5	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	1.79E-9
	CC6	0.0000	0.0000	-0.0743	0.00E+0	0.00E+0	-1.10E-7

	CC7	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	-1.08E-7
	CC8	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-4.91E-8
	CC9	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	-4.66E-8
	CC10	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	5.09E-8
	CC11	0.0000	0.0000	-0.0927	0.00E+0	0.00E+0	5.34E-8
	CC12	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	1.12E-7
	CC13	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	1.14E-7
	CC14	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	-1.27E-7
	CC15	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	-1.20E-7
	CC16	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	-7.90E-8
	CC17	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	-7.16E-8
	CC18	0.0000	0.0000	-0.0675	0.00E+0	0.00E+0	7.59E-8
	CC19	0.0000	0.0000	-0.0681	0.00E+0	0.00E+0	8.33E-8
	CC20	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	1.24E-7
	CC21	0.0000	0.0000	-0.0736	0.00E+0	0.00E+0	1.32E-7
13	CC1	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.21E-9
	CC2	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.21E-9
	CC3	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.21E-9
	CC4	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-9.44E-1
	CC5	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-9.44E-1
	CC6	0.0000	0.0000	-0.0719	0.00E+0	0.00E+0	-8.28E-8
	CC7	0.0000	0.0000	-0.0718	0.00E+0	0.00E+0	-7.96E-8
	CC8	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-7.55E-8
	CC9	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-7.22E-8
	CC10	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	7.05E-8
	CC11	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	7.37E-8
	CC12	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	7.79E-8
	CC13	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	8.11E-8
	CC14	0.0000	0.0000	-0.0669	0.00E+0	0.00E+0	-4.10E-8
	CC15	0.0000	0.0000	-0.0667	0.00E+0	0.00E+0	-3.13E-8
	CC16	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	5.00E-9
	CC17	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	1.48E-8
	CC18	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	-1.65E-8
	CC19	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-6.71E-9
	CC20	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	2.95E-8
	CC21	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	3.93E-8
14	CC1	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	7.19E-9
	CC2	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	7.19E-9
	CC3	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	7.19E-9
	CC4	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	5.44E-9
	CC5	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	5.44E-9
	CC6	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	3.03E-7
	CC7	0.0000	0.0000	-0.0609	0.00E+0	0.00E+0	3.06E-7
	CC8	0.0000	0.0000	-0.0641	0.00E+0	0.00E+0	2.75E-7
	CC9	0.0000	0.0000	-0.0642	0.00E+0	0.00E+0	2.78E-7
	CC10	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	-2.68E-7
	CC11	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	-2.65E-7
	CC12	0.0000	0.0000	-0.1034	0.00E+0	0.00E+0	-2.96E-7
	CC13	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	-2.93E-7
	CC14	0.0000	0.0000	-0.0705	0.00E+0	0.00E+0	1.32E-7
	CC15	0.0000	0.0000	-0.0709	0.00E+0	0.00E+0	1.41E-7
	CC16	0.0000	0.0000	-0.0823	0.00E+0	0.00E+0	-3.90E-8
	CC17	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-3.01E-8
	CC18	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	3.98E-8
	CC19	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	4.88E-8
	CC20	0.0000	0.0000	-0.0934	0.00E+0	0.00E+0	-1.32E-7
	CC21	0.0000	0.0000	-0.0938	0.00E+0	0.00E+0	-1.23E-7
15	CC1	0.0000	0.0000	-0.0870	9.40E-6	-9.18E-6	3.82E-9
	CC2	0.0000	0.0000	-0.0870	9.40E-6	-9.18E-6	3.82E-9
	CC3	0.0000	0.0000	-0.0870	9.40E-6	-9.18E-6	3.82E-9
	CC4	0.0000	0.0000	-0.0839	1.05E-5	-9.76E-6	1.29E-9
	CC5	0.0000	0.0000	-0.0839	1.05E-5	-9.76E-6	1.29E-9
	CC6	0.0003	0.0000	-0.0686	4.00E-5	2.09E-5	4.59E-7
	CC7	0.0003	0.0000	-0.0688	4.03E-5	2.13E-5	4.64E-7
	CC8	0.0002	-0.0001	-0.0656	1.79E-5	4.59E-6	4.24E-7
	CC9	0.0002	-0.0001	-0.0657	1.81E-5	4.97E-6	4.29E-7
	CC10	-0.0002	0.0001	-0.1001	3.49E-6	-2.49E-5	-4.28E-7
	CC11	-0.0002	0.0001	-0.1002	3.75E-6	-2.45E-5	-4.23E-7
	CC12	-0.0003	0.0000	-0.0970	-1.86E-5	-4.12E-5	-4.63E-7
	CC13	-0.0003	0.0000	-0.0971	-1.84E-5	-4.08E-5	-4.58E-7
	CC14	0.0001	0.0001	-0.0831	5.28E-5	2.35E-5	1.84E-7
	CC15	0.0001	0.0001	-0.0836	5.36E-5	2.47E-5	1.99E-7

	CC16	0.0000	0.0001	-0.0925	4.18E-5	9.76E-6	-8.17E-8
	CC17	0.0000	0.0001	-0.0930	4.26E-5	1.09E-5	-6.73E-8
	CC18	0.0000	-0.0001	-0.0728	-2.10E-5	-3.08E-5	6.83E-8
	CC19	0.0000	-0.0001	-0.0733	-2.02E-5	-2.97E-5	8.26E-8
	CC20	-0.0001	-0.0001	-0.0822	-3.19E-5	-4.46E-5	-1.98E-7
	CC21	-0.0001	-0.0001	-0.0827	-3.12E-5	-4.34E-5	-1.83E-7
16	CC1	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.35E-1
	CC2	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.35E-1
	CC3	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.35E-1
	CC4	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	1.16E-1
	CC5	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	1.16E-1
	CC6	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	-6.26E-8
	CC7	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	-5.99E-8
	CC8	0.0000	0.0000	-0.0795	0.00E+0	0.00E+0	-6.32E-8
	CC9	0.0000	0.0000	-0.0795	0.00E+0	0.00E+0	-6.06E-8
	CC10	0.0000	0.0000	-0.0777	0.00E+0	0.00E+0	6.08E-8
	CC11	0.0000	0.0000	-0.0777	0.00E+0	0.00E+0	6.35E-8
	CC12	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	6.01E-8
	CC13	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	6.28E-8
	CC14	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	-2.14E-8
	CC15	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	-1.32E-8
	CC16	0.0000	0.0000	-0.0698	0.00E+0	0.00E+0	1.56E-8
	CC17	0.0000	0.0000	-0.0697	0.00E+0	0.00E+0	2.38E-8
	CC18	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-2.36E-8
	CC19	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	-1.54E-8
	CC20	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	1.34E-8
	CC21	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	2.16E-8
17	CC1	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	3.68E-9
	CC2	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	3.68E-9
	CC3	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	3.68E-9
	CC4	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	3.56E-9
	CC5	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	3.56E-9
	CC6	0.0000	0.0000	-0.0667	0.00E+0	0.00E+0	-1.08E-7
	CC7	0.0000	0.0000	-0.0668	0.00E+0	0.00E+0	-1.04E-7
	CC8	0.0000	0.0000	-0.0717	0.00E+0	0.00E+0	-8.11E-8
	CC9	0.0000	0.0000	-0.0718	0.00E+0	0.00E+0	-7.65E-8
	CC10	0.0000	0.0000	-0.1165	0.00E+0	0.00E+0	8.35E-8
	CC11	0.0000	0.0000	-0.1166	0.00E+0	0.00E+0	8.81E-8
	CC12	0.0000	0.0000	-0.1215	0.00E+0	0.00E+0	1.11E-7
	CC13	0.0000	0.0000	-0.1216	0.00E+0	0.00E+0	1.15E-7
	CC14	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	-7.75E-8
	CC15	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-6.35E-8
	CC16	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	-2.00E-8
	CC17	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-5.98E-9
	CC18	0.0000	0.0000	-0.0948	0.00E+0	0.00E+0	1.30E-8
	CC19	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	2.70E-8
	CC20	0.0000	0.0000	-0.1098	0.00E+0	0.00E+0	7.05E-8
	CC21	0.0000	0.0000	-0.1101	0.00E+0	0.00E+0	8.45E-8
18	CC1	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	5.64E-9
	CC2	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	5.64E-9
	CC3	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	5.64E-9
	CC4	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	4.56E-9
	CC5	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	4.56E-9
	CC6	0.0000	0.0000	-0.0588	0.00E+0	0.00E+0	-1.59E-7
	CC7	0.0000	0.0000	-0.0588	0.00E+0	0.00E+0	-1.51E-7
	CC8	0.0000	0.0000	-0.0630	0.00E+0	0.00E+0	-2.19E-7
	CC9	0.0000	0.0000	-0.0630	0.00E+0	0.00E+0	-2.12E-7
	CC10	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	2.20E-7
	CC11	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	2.28E-7
	CC12	0.0000	0.0000	-0.1155	0.00E+0	0.00E+0	1.60E-7
	CC13	0.0000	0.0000	-0.1155	0.00E+0	0.00E+0	1.67E-7
	CC14	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	3.75E-8
	CC15	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	6.00E-8
	CC16	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	1.51E-7
	CC17	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	1.74E-7
	CC18	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	-1.65E-7
	CC19	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	-1.43E-7
	CC20	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	-5.16E-8
	CC21	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	-2.91E-8
19	CC1	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.01E-9
	CC2	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.01E-9
	CC3	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.01E-9

	CC4	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-1.90E-9
	CC5	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-1.90E-9
	CC6	0.0000	0.0000	-0.0765	0.00E+0	0.00E+0	-5.84E-8
	CC7	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-5.58E-8
	CC8	0.0000	0.0000	-0.0805	0.00E+0	0.00E+0	-6.23E-8
	CC9	0.0000	0.0000	-0.0805	0.00E+0	0.00E+0	-5.97E-8
	CC10	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	5.60E-8
	CC11	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	5.86E-8
	CC12	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	5.21E-8
	CC13	0.0000	0.0000	-0.0843	0.00E+0	0.00E+0	5.47E-8
	CC14	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	-1.64E-8
	CC15	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	-8.58E-9
	CC16	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	1.79E-8
	CC17	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	2.57E-8
	CC18	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-2.95E-8
	CC19	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-2.16E-8
	CC20	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	4.86E-9
	CC21	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	1.27E-8
20	CC1	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.00E-1
	CC2	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.00E-1
	CC3	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.00E-1
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-1.44E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-1.44E-1
	CC6	0.0000	0.0000	-0.0780	0.00E+0	0.00E+0	-7.48E-8
	CC7	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	-7.14E-8
	CC8	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	-9.47E-8
	CC9	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	-9.13E-8
	CC10	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	9.10E-8
	CC11	0.0000	0.0000	-0.1062	0.00E+0	0.00E+0	9.44E-8
	CC12	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	7.11E-8
	CC13	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	7.45E-8
	CC14	0.0000	0.0000	-0.0822	0.00E+0	0.00E+0	2.89E-9
	CC15	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	1.33E-8
	CC16	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	5.26E-8
	CC17	0.0000	0.0000	-0.0905	0.00E+0	0.00E+0	6.31E-8
	CC18	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-6.34E-8
	CC19	0.0000	0.0000	-0.0985	0.00E+0	0.00E+0	-5.29E-8
	CC20	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	-1.36E-8
	CC21	0.0000	0.0000	-0.1069	0.00E+0	0.00E+0	-3.21E-9
21	CC1	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	3.91E-9
	CC2	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	3.91E-9
	CC3	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	3.91E-9
	CC4	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	3.71E-9
	CC5	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	3.71E-9
	CC6	0.0000	0.0000	-0.0670	0.00E+0	0.00E+0	-1.22E-7
	CC7	0.0000	0.0000	-0.0666	0.00E+0	0.00E+0	-1.16E-7
	CC8	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	-1.34E-7
	CC9	0.0000	0.0000	-0.0648	0.00E+0	0.00E+0	-1.29E-7
	CC10	0.0000	0.0000	-0.1064	0.00E+0	0.00E+0	1.36E-7
	CC11	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	1.42E-7
	CC12	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	1.23E-7
	CC13	0.0000	0.0000	-0.1042	0.00E+0	0.00E+0	1.29E-7
	CC14	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-2.21E-8
	CC15	0.0000	0.0000	-0.0822	0.00E+0	0.00E+0	-5.46E-9
	CC16	0.0000	0.0000	-0.0950	0.00E+0	0.00E+0	5.52E-8
	CC17	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	7.19E-8
	CC18	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	-6.46E-8
	CC19	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	-4.79E-8
	CC20	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.28E-8
	CC21	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	2.94E-8
22	CC1	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.47E-9
	CC2	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.47E-9
	CC3	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.47E-9
	CC4	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-1.51E-9
	CC5	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-1.51E-9
	CC6	0.0000	0.0000	-0.0796	0.00E+0	0.00E+0	-7.27E-8
	CC7	0.0000	0.0000	-0.0796	0.00E+0	0.00E+0	-6.95E-8
	CC8	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-7.62E-8
	CC9	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-7.30E-8
	CC10	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	7.00E-8
	CC11	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	7.32E-8
	CC12	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	6.64E-8

	CC13	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	6.96E-8
	CC14	0.0000	0.0000	-0.0715	0.00E+0	0.00E+0	-2.19E-8
	CC15	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	-1.22E-8
	CC16	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	2.09E-8
	CC17	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	3.06E-8
	CC18	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-3.37E-8
	CC19	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-2.39E-8
	CC20	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	9.14E-9
	CC21	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	1.88E-8
23	CC1	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	-4.95E-9
	CC2	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	-4.95E-9
	CC3	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	-4.95E-9
	CC4	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-4.83E-9
	CC5	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-4.83E-9
	CC6	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	-1.50E-7
	CC7	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	-1.43E-7
	CC8	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	-1.71E-7
	CC9	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	-1.65E-7
	CC10	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	1.55E-7
	CC11	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	1.62E-7
	CC12	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	1.34E-7
	CC13	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	1.40E-7
	CC14	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	-2.40E-8
	CC15	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	-4.38E-9
	CC16	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	6.75E-8
	CC17	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	8.71E-8
	CC18	0.0000	0.0000	-0.1055	0.00E+0	0.00E+0	-9.67E-8
	CC19	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	-7.71E-8
	CC20	0.0000	0.0000	-0.0999	0.00E+0	0.00E+0	-5.19E-9
	CC21	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	1.44E-8
24	CC1	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-1.44E-9
	CC2	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-1.44E-9
	CC3	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-1.44E-9
	CC4	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.46E-9
	CC5	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.46E-9
	CC6	0.0000	0.0000	-0.0795	0.00E+0	0.00E+0	-8.34E-8
	CC7	0.0000	0.0000	-0.0793	0.00E+0	0.00E+0	-7.98E-8
	CC8	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	-8.57E-8
	CC9	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	-8.21E-8
	CC10	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	7.92E-8
	CC11	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	8.28E-8
	CC12	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	7.69E-8
	CC13	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	8.05E-8
	CC14	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-2.75E-8
	CC15	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	-1.66E-8
	CC16	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	2.13E-8
	CC17	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	3.22E-8
	CC18	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-3.51E-8
	CC19	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	-2.42E-8
	CC20	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	1.37E-8
	CC21	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	2.46E-8
25	CC1	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-9.45E-9
	CC2	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-9.45E-9
	CC3	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-9.45E-9
	CC4	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-8.70E-9
	CC5	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-8.70E-9
	CC6	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	-1.72E-7
	CC7	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	-1.65E-7
	CC8	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	-1.59E-7
	CC9	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	-1.52E-7
	CC10	0.0000	0.0000	-0.0943	0.00E+0	0.00E+0	1.35E-7
	CC11	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	1.42E-7
	CC12	0.0000	0.0000	-0.1047	0.00E+0	0.00E+0	1.48E-7
	CC13	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	1.55E-7
	CC14	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	-8.72E-8
	CC15	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-6.64E-8
	CC16	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	4.92E-9
	CC17	0.0000	0.0000	-0.0791	0.00E+0	0.00E+0	2.58E-8
	CC18	0.0000	0.0000	-0.1110	0.00E+0	0.00E+0	-4.27E-8
	CC19	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	-2.18E-8
	CC20	0.0000	0.0000	-0.1137	0.00E+0	0.00E+0	4.95E-8
	CC21	0.0000	0.0000	-0.1139	0.00E+0	0.00E+0	7.03E-8

26	CC1	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	3.83E-9
	CC2	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	3.83E-9
	CC3	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	3.83E-9
	CC4	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	3.56E-9
	CC5	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	3.56E-9
	CC6	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	2.84E-8
	CC7	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	2.74E-8
	CC8	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	1.97E-8
	CC9	0.0000	0.0000	-0.1022	0.00E+0	0.00E+0	1.87E-8
	CC10	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	-1.18E-8
	CC11	0.0000	0.0000	-0.0796	0.00E+0	0.00E+0	-1.28E-8
	CC12	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-2.04E-8
	CC13	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-2.15E-8
	CC14	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	2.55E-8
	CC15	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	2.24E-8
	CC16	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.34E-8
	CC17	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	1.03E-8
	CC18	0.0000	0.0000	-0.0974	0.00E+0	0.00E+0	-3.38E-9
	CC19	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	-6.49E-9
	CC20	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	-1.54E-8
	CC21	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	-1.85E-8
27	CC1	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.11E-9
	CC2	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.11E-9
	CC3	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.11E-9
	CC4	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	1.07E-9
	CC5	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	1.07E-9
	CC6	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	-7.96E-9
	CC7	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	-7.47E-9
	CC8	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	-1.89E-8
	CC9	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	-1.84E-8
	CC10	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	2.05E-8
	CC11	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	2.10E-8
	CC12	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	9.57E-9
	CC13	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	1.01E-8
	CC14	0.0000	0.0000	-0.0963	0.00E+0	0.00E+0	1.42E-8
	CC15	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	1.57E-8
	CC16	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	2.28E-8
	CC17	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	2.43E-8
	CC18	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	-2.22E-8
	CC19	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	-2.07E-8
	CC20	0.0000	0.0000	-0.0750	0.00E+0	0.00E+0	-1.36E-8
	CC21	0.0000	0.0000	-0.0749	0.00E+0	0.00E+0	-1.21E-8
28	CC1	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-1.03E-1
	CC2	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-1.03E-1
	CC3	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-1.03E-1
	CC4	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	-1.03E-1
	CC5	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	-1.03E-1
	CC6	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	2.59E-9
	CC7	0.0000	0.0000	-0.0943	0.00E+0	0.00E+0	3.08E-9
	CC8	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	1.32E-8
	CC9	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	1.37E-8
	CC10	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	-1.39E-8
	CC11	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	-1.35E-8
	CC12	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	-3.29E-9
	CC13	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	-2.80E-9
	CC14	0.0000	0.0000	-0.1056	0.00E+0	0.00E+0	-1.61E-8
	CC15	0.0000	0.0000	-0.1053	0.00E+0	0.00E+0	-1.46E-8
	CC16	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	-2.11E-8
	CC17	0.0000	0.0000	-0.1033	0.00E+0	0.00E+0	-1.96E-8
	CC18	0.0000	0.0000	-0.0674	0.00E+0	0.00E+0	1.94E-8
	CC19	0.0000	0.0000	-0.0670	0.00E+0	0.00E+0	2.09E-8
	CC20	0.0000	0.0000	-0.0654	0.00E+0	0.00E+0	1.44E-8
	CC21	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	1.59E-8
29	CC1	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	1.54E-8
	CC2	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	1.54E-8
	CC3	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	1.54E-8
	CC4	0.0000	0.0000	-0.1044	0.00E+0	0.00E+0	1.45E-8
	CC5	0.0000	0.0000	-0.1044	0.00E+0	0.00E+0	1.45E-8
	CC6	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	-3.06E-8
	CC7	0.0000	0.0000	-0.1051	0.00E+0	0.00E+0	-2.84E-8
	CC8	0.0000	0.0000	-0.1229	0.00E+0	0.00E+0	-6.85E-8
	CC9	0.0000	0.0000	-0.1232	0.00E+0	0.00E+0	-6.62E-8

	CC10	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	9.48E-8
	CC11	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	9.70E-8
	CC12	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	5.69E-8
	CC13	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	5.91E-8
	CC14	0.0000	0.0000	-0.0758	0.00E+0	0.00E+0	5.52E-8
	CC15	0.0000	0.0000	-0.0766	0.00E+0	0.00E+0	6.19E-8
	CC16	0.0000	0.0000	-0.0692	0.00E+0	0.00E+0	9.28E-8
	CC17	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	9.95E-8
	CC18	0.0000	0.0000	-0.1360	0.00E+0	0.00E+0	-7.10E-8
	CC19	0.0000	0.0000	-0.1368	0.00E+0	0.00E+0	-6.42E-8
	CC20	0.0000	0.0000	-0.1294	0.00E+0	0.00E+0	-3.34E-8
	CC21	0.0000	0.0000	-0.1302	0.00E+0	0.00E+0	-2.66E-8
30	CC1	0.0000	0.0000	-0.1097	0.00E+0	0.00E+0	1.08E-8
	CC2	0.0000	0.0000	-0.1097	0.00E+0	0.00E+0	1.08E-8
	CC3	0.0000	0.0000	-0.1097	0.00E+0	0.00E+0	1.08E-8
	CC4	0.0000	0.0000	-0.1057	0.00E+0	0.00E+0	1.03E-8
	CC5	0.0000	0.0000	-0.1057	0.00E+0	0.00E+0	1.03E-8
	CC6	0.0000	0.0000	-0.1103	0.00E+0	0.00E+0	-9.04E-7
	CC7	0.0000	0.0000	-0.1105	0.00E+0	0.00E+0	-8.66E-7
	CC8	0.0000	0.0000	-0.1181	0.00E+0	0.00E+0	-7.90E-7
	CC9	0.0000	0.0000	-0.1183	0.00E+0	0.00E+0	-7.52E-7
	CC10	0.0000	0.0000	-0.0905	0.00E+0	0.00E+0	7.72E-7
	CC11	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	8.11E-7
	CC12	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	8.86E-7
	CC13	0.0000	0.0000	-0.0985	0.00E+0	0.00E+0	9.25E-7
	CC14	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	-4.90E-7
	CC15	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	-3.73E-7
	CC16	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	1.26E-8
	CC17	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	1.30E-7
	CC18	0.0000	0.0000	-0.1201	0.00E+0	0.00E+0	-1.10E-7
	CC19	0.0000	0.0000	-0.1207	0.00E+0	0.00E+0	7.63E-9
	CC20	0.0000	0.0000	-0.1142	0.00E+0	0.00E+0	3.93E-7
	CC21	0.0000	0.0000	-0.1148	0.00E+0	0.00E+0	5.11E-7
31	CC1	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-2.77E-9
	CC2	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-2.77E-9
	CC3	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-2.77E-9
	CC4	0.0000	0.0000	-0.0979	0.00E+0	0.00E+0	-2.84E-9
	CC5	0.0000	0.0000	-0.0979	0.00E+0	0.00E+0	-2.84E-9
	CC6	0.0000	0.0000	-0.1085	0.00E+0	0.00E+0	9.77E-8
	CC7	0.0000	0.0000	-0.1085	0.00E+0	0.00E+0	9.38E-8
	CC8	0.0000	0.0000	-0.1042	0.00E+0	0.00E+0	4.88E-8
	CC9	0.0000	0.0000	-0.1041	0.00E+0	0.00E+0	4.49E-8
	CC10	0.0000	0.0000	-0.0896	0.00E+0	0.00E+0	-5.06E-8
	CC11	0.0000	0.0000	-0.0896	0.00E+0	0.00E+0	-5.46E-8
	CC12	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-9.95E-8
	CC13	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-1.03E-7
	CC14	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	1.07E-7
	CC15	0.0000	0.0000	-0.1069	0.00E+0	0.00E+0	9.48E-8
	CC16	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	6.23E-8
	CC17	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	5.03E-8
	CC18	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	-5.61E-8
	CC19	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	-6.80E-8
	CC20	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	-1.01E-7
	CC21	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	-1.12E-7
32	CC1	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	1.45E-9
	CC2	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	1.45E-9
	CC3	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	1.45E-9
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	1.39E-9
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	1.39E-9
	CC6	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	-6.66E-8
	CC7	0.0000	0.0000	-0.1247	0.00E+0	0.00E+0	-6.38E-8
	CC8	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	-4.86E-8
	CC9	0.0000	0.0000	-0.1024	0.00E+0	0.00E+0	-4.58E-8
	CC10	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	4.85E-8
	CC11	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	5.13E-8
	CC12	0.0000	0.0000	-0.0708	0.00E+0	0.00E+0	6.65E-8
	CC13	0.0000	0.0000	-0.0702	0.00E+0	0.00E+0	6.93E-8
	CC14	0.0000	0.0000	-0.1405	0.00E+0	0.00E+0	-5.02E-8
	CC15	0.0000	0.0000	-0.1389	0.00E+0	0.00E+0	-4.17E-8
	CC16	0.0000	0.0000	-0.1308	0.00E+0	0.00E+0	-1.57E-8
	CC17	0.0000	0.0000	-0.1292	0.00E+0	0.00E+0	-7.16E-9
	CC18	0.0000	0.0000	-0.0663	0.00E+0	0.00E+0	9.90E-9

	CC19	0.0000	0.0000	-0.0646	0.00E+0	0.00E+0	1.84E-8
	CC20	0.0000	0.0000	-0.0566	0.00E+0	0.00E+0	4.44E-8
	CC21	0.0000	0.0000	-0.0550	0.00E+0	0.00E+0	5.30E-8
33	CC1	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-3.32E-8
	CC2	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-3.32E-8
	CC3	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-3.32E-8
	CC4	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	-3.20E-8
	CC5	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	-3.20E-8
	CC6	0.0000	0.0000	-0.1072	0.00E+0	0.00E+0	8.82E-8
	CC7	0.0000	0.0000	-0.1077	0.00E+0	0.00E+0	8.34E-8
	CC8	0.0000	0.0000	-0.1278	0.00E+0	0.00E+0	4.52E-8
	CC9	0.0000	0.0000	-0.1282	0.00E+0	0.00E+0	4.03E-8
	CC10	0.0000	0.0000	-0.0790	0.00E+0	0.00E+0	-1.03E-7
	CC11	0.0000	0.0000	-0.0795	0.00E+0	0.00E+0	-1.08E-7
	CC12	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	-1.46E-7
	CC13	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	-1.51E-7
	CC14	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	7.63E-8
	CC15	0.0000	0.0000	-0.0743	0.00E+0	0.00E+0	6.15E-8
	CC16	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	1.88E-8
	CC17	0.0000	0.0000	-0.0658	0.00E+0	0.00E+0	3.98E-9
	CC18	0.0000	0.0000	-0.1415	0.00E+0	0.00E+0	-6.71E-8
	CC19	0.0000	0.0000	-0.1428	0.00E+0	0.00E+0	-8.19E-8
	CC20	0.0000	0.0000	-0.1330	0.00E+0	0.00E+0	-1.25E-7
	CC21	0.0000	0.0000	-0.1344	0.00E+0	0.00E+0	-1.39E-7
34	CC1	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	5.59E-9
	CC2	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	5.59E-9
	CC3	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	5.59E-9
	CC4	0.0000	0.0000	-0.0995	0.00E+0	0.00E+0	5.10E-9
	CC5	0.0000	0.0000	-0.0995	0.00E+0	0.00E+0	5.10E-9
	CC6	0.0000	0.0000	-0.1039	0.00E+0	0.00E+0	1.15E-7
	CC7	0.0000	0.0000	-0.1042	0.00E+0	0.00E+0	1.11E-7
	CC8	0.0000	0.0000	-0.1103	0.00E+0	0.00E+0	6.28E-8
	CC9	0.0000	0.0000	-0.1106	0.00E+0	0.00E+0	5.83E-8
	CC10	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-4.84E-8
	CC11	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	-5.29E-8
	CC12	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	-1.01E-7
	CC13	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	-1.05E-7
	CC14	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	1.24E-7
	CC15	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	1.10E-7
	CC16	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	7.45E-8
	CC17	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	6.10E-8
	CC18	0.0000	0.0000	-0.1113	0.00E+0	0.00E+0	-5.11E-8
	CC19	0.0000	0.0000	-0.1122	0.00E+0	0.00E+0	-6.46E-8
	CC20	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	-1.00E-7
	CC21	0.0000	0.0000	-0.1069	0.00E+0	0.00E+0	-1.14E-7
35	CC1	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	-2.85E-9
	CC2	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	-2.85E-9
	CC3	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	-2.85E-9
	CC4	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-2.60E-9
	CC5	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-2.60E-9
	CC6	0.0000	0.0000	-0.1119	0.00E+0	0.00E+0	-3.29E-7
	CC7	0.0000	0.0000	-0.1120	0.00E+0	0.00E+0	-3.16E-7
	CC8	0.0000	0.0000	-0.1107	0.00E+0	0.00E+0	-2.74E-7
	CC9	0.0000	0.0000	-0.1108	0.00E+0	0.00E+0	-2.61E-7
	CC10	0.0000	0.0000	-0.0906	0.00E+0	0.00E+0	2.56E-7
	CC11	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	2.69E-7
	CC12	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	3.11E-7
	CC13	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	3.24E-7
	CC14	0.0000	0.0000	-0.1058	0.00E+0	0.00E+0	-2.03E-7
	CC15	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	-1.61E-7
	CC16	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	-2.73E-8
	CC17	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	1.45E-8
	CC18	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-1.95E-8
	CC19	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	2.23E-8
	CC20	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	1.56E-7
	CC21	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	1.98E-7
36	CC1	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	-1.60E-9
	CC2	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	-1.60E-9
	CC3	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	-1.60E-9
	CC4	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-1.51E-9
	CC5	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-1.51E-9
	CC6	0.0000	0.0000	-0.1310	0.00E+0	0.00E+0	-3.09E-8

	CC7	0.0000	0.0000	-0.1305	0.00E+0	0.00E+0	-2.96E-8
	CC8	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	-4.12E-8
	CC9	0.0000	0.0000	-0.1086	0.00E+0	0.00E+0	-3.99E-8
	CC10	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	3.69E-8
	CC11	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	3.82E-8
	CC12	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	2.66E-8
	CC13	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	2.80E-8
	CC14	0.0000	0.0000	-0.1419	0.00E+0	0.00E+0	3.47E-9
	CC15	0.0000	0.0000	-0.1404	0.00E+0	0.00E+0	7.49E-9
	CC16	0.0000	0.0000	-0.1288	0.00E+0	0.00E+0	2.38E-8
	CC17	0.0000	0.0000	-0.1273	0.00E+0	0.00E+0	2.78E-8
	CC18	0.0000	0.0000	-0.0688	0.00E+0	0.00E+0	-3.08E-8
	CC19	0.0000	0.0000	-0.0673	0.00E+0	0.00E+0	-2.68E-8
	CC20	0.0000	0.0000	-0.0557	0.00E+0	0.00E+0	-1.05E-8
	CC21	0.0000	0.0000	-0.0542	0.00E+0	0.00E+0	-6.42E-9
37	CC1	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	-1.34E-9
	CC2	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	-1.34E-9
	CC3	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	-1.34E-9
	CC4	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-1.29E-9
	CC5	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-1.29E-9
	CC6	0.0000	0.0000	-0.1202	0.00E+0	0.00E+0	1.52E-7
	CC7	0.0000	0.0000	-0.1200	0.00E+0	0.00E+0	1.46E-7
	CC8	0.0000	0.0000	-0.1143	0.00E+0	0.00E+0	7.09E-8
	CC9	0.0000	0.0000	-0.1141	0.00E+0	0.00E+0	6.47E-8
	CC10	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	-6.72E-8
	CC11	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	-7.34E-8
	CC12	0.0000	0.0000	-0.0744	0.00E+0	0.00E+0	-1.48E-7
	CC13	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	-1.54E-7
	CC14	0.0000	0.0000	-0.1133	0.00E+0	0.00E+0	1.76E-7
	CC15	0.0000	0.0000	-0.1128	0.00E+0	0.00E+0	1.57E-7
	CC16	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	1.10E-7
	CC17	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	9.13E-8
	CC18	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	-9.38E-8
	CC19	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	-1.13E-7
	CC20	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	-1.60E-7
	CC21	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-1.78E-7
38	CC1	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	1.71E-9
	CC2	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	1.71E-9
	CC3	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	1.71E-9
	CC4	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	1.65E-9
	CC5	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	1.65E-9
	CC6	0.0000	0.0000	-0.1340	0.00E+0	0.00E+0	1.27E-8
	CC7	0.0000	0.0000	-0.1332	0.00E+0	0.00E+0	1.25E-8
	CC8	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	7.35E-9
	CC9	0.0000	0.0000	-0.1079	0.00E+0	0.00E+0	7.12E-9
	CC10	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	-3.85E-9
	CC11	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-4.08E-9
	CC12	0.0000	0.0000	-0.0555	0.00E+0	0.00E+0	-9.23E-9
	CC13	0.0000	0.0000	-0.0547	0.00E+0	0.00E+0	-9.46E-9
	CC14	0.0000	0.0000	-0.1456	0.00E+0	0.00E+0	1.34E-8
	CC15	0.0000	0.0000	-0.1433	0.00E+0	0.00E+0	1.27E-8
	CC16	0.0000	0.0000	-0.1297	0.00E+0	0.00E+0	8.45E-9
	CC17	0.0000	0.0000	-0.1273	0.00E+0	0.00E+0	7.75E-9
	CC18	0.0000	0.0000	-0.0614	0.00E+0	0.00E+0	-4.49E-9
	CC19	0.0000	0.0000	-0.0590	0.00E+0	0.00E+0	-5.19E-9
	CC20	0.0000	0.0000	-0.0454	0.00E+0	0.00E+0	-9.46E-9
	CC21	0.0000	0.0000	-0.0430	0.00E+0	0.00E+0	-1.02E-8
39	CC1	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	1.30E-7
	CC2	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	1.30E-7
	CC3	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	1.30E-7
	CC4	0.0000	0.0000	-0.1117	0.00E+0	0.00E+0	1.26E-7
	CC5	0.0000	0.0000	-0.1117	0.00E+0	0.00E+0	1.26E-7
	CC6	0.0000	0.0000	-0.1235	0.00E+0	0.00E+0	-1.64E-6
	CC7	0.0000	0.0000	-0.1249	0.00E+0	0.00E+0	-1.57E-6
	CC8	0.0000	0.0000	-0.1701	0.00E+0	0.00E+0	-1.28E-6
	CC9	0.0000	0.0000	-0.1715	0.00E+0	0.00E+0	-1.21E-6
	CC10	0.0000	0.0000	-0.0497	0.00E+0	0.00E+0	1.46E-6
	CC11	0.0000	0.0000	-0.0512	0.00E+0	0.00E+0	1.53E-6
	CC12	0.0000	0.0000	-0.0963	0.00E+0	0.00E+0	1.82E-6
	CC13	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	1.89E-6
	CC14	0.0000	0.0000	-0.0418	0.00E+0	0.00E+0	-1.05E-6
	CC15	0.0000	0.0000	-0.0462	0.00E+0	0.00E+0	-8.31E-7

	CC16	0.0000	0.0000	-0.0197	0.00E+0	0.00E+0	-1.24E-7
	CC17	0.0000	0.0000	-0.0241	0.00E+0	0.00E+0	9.99E-8
	CC18	0.0000	0.0000	-0.1972	0.00E+0	0.00E+0	1.49E-7
	CC19	0.0000	0.0000	-0.2015	0.00E+0	0.00E+0	3.73E-7
	CC20	0.0000	0.0000	-0.1750	0.00E+0	0.00E+0	1.08E-6
	CC21	0.0000	0.0000	-0.1794	0.00E+0	0.00E+0	1.30E-6
40	CC1	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	4.19E-9
	CC2	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	4.19E-9
	CC3	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	4.19E-9
	CC4	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	3.99E-9
	CC5	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	3.99E-9
	CC6	0.0000	0.0000	-0.1145	0.00E+0	0.00E+0	-5.10E-7
	CC7	0.0000	0.0000	-0.1149	0.00E+0	0.00E+0	-4.89E-7
	CC8	0.0000	0.0000	-0.1234	0.00E+0	0.00E+0	-2.40E-7
	CC9	0.0000	0.0000	-0.1238	0.00E+0	0.00E+0	-2.19E-7
	CC10	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	2.27E-7
	CC11	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	2.48E-7
	CC12	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	4.97E-7
	CC13	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	5.18E-7
	CC14	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	-5.88E-7
	CC15	0.0000	0.0000	-0.0906	0.00E+0	0.00E+0	-5.25E-7
	CC16	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	-3.66E-7
	CC17	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	-3.04E-7
	CC18	0.0000	0.0000	-0.1192	0.00E+0	0.00E+0	3.12E-7
	CC19	0.0000	0.0000	-0.1204	0.00E+0	0.00E+0	3.74E-7
	CC20	0.0000	0.0000	-0.1070	0.00E+0	0.00E+0	5.33E-7
	CC21	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	5.95E-7
41	CC1	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	2.14E-9
	CC2	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	2.14E-9
	CC3	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	2.14E-9
	CC4	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	2.01E-9
	CC5	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	2.01E-9
	CC6	0.0000	0.0000	-0.1227	0.00E+0	0.00E+0	-4.30E-7
	CC7	0.0000	0.0000	-0.1226	0.00E+0	0.00E+0	-4.13E-7
	CC8	0.0000	0.0000	-0.1190	0.00E+0	0.00E+0	-2.08E-7
	CC9	0.0000	0.0000	-0.1189	0.00E+0	0.00E+0	-1.91E-7
	CC10	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	1.94E-7
	CC11	0.0000	0.0000	-0.0782	0.00E+0	0.00E+0	2.12E-7
	CC12	0.0000	0.0000	-0.0746	0.00E+0	0.00E+0	4.17E-7
	CC13	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	4.34E-7
	CC14	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	-4.89E-7
	CC15	0.0000	0.0000	-0.1113	0.00E+0	0.00E+0	-4.36E-7
	CC16	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	-3.01E-7
	CC17	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-2.48E-7
	CC18	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	2.52E-7
	CC19	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	3.05E-7
	CC20	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	4.40E-7
	CC21	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	4.93E-7
42	CC1	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-6.89E-9
	CC2	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-6.89E-9
	CC3	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-6.89E-9
	CC4	0.0000	0.0000	-0.0959	0.00E+0	0.00E+0	-6.68E-9
	CC5	0.0000	0.0000	-0.0959	0.00E+0	0.00E+0	-6.68E-9
	CC6	0.0000	0.0000	-0.1372	0.00E+0	0.00E+0	-1.09E-7
	CC7	0.0000	0.0000	-0.1364	0.00E+0	0.00E+0	-1.05E-7
	CC8	0.0000	0.0000	-0.1103	0.00E+0	0.00E+0	-9.37E-8
	CC9	0.0000	0.0000	-0.1094	0.00E+0	0.00E+0	-8.96E-8
	CC10	0.0000	0.0000	-0.0810	0.00E+0	0.00E+0	7.64E-8
	CC11	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	8.05E-8
	CC12	0.0000	0.0000	-0.0540	0.00E+0	0.00E+0	9.15E-8
	CC13	0.0000	0.0000	-0.0532	0.00E+0	0.00E+0	9.56E-8
	CC14	0.0000	0.0000	-0.1499	0.00E+0	0.00E+0	-6.59E-8
	CC15	0.0000	0.0000	-0.1473	0.00E+0	0.00E+0	-5.34E-8
	CC16	0.0000	0.0000	-0.1330	0.00E+0	0.00E+0	-1.03E-8
	CC17	0.0000	0.0000	-0.1304	0.00E+0	0.00E+0	2.20E-9
	CC18	0.0000	0.0000	-0.0600	0.00E+0	0.00E+0	-1.54E-8
	CC19	0.0000	0.0000	-0.0574	0.00E+0	0.00E+0	-2.90E-9
	CC20	0.0000	0.0000	-0.0431	0.00E+0	0.00E+0	4.01E-8
	CC21	0.0000	0.0000	-0.0405	0.00E+0	0.00E+0	5.27E-8
43	CC1	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	5.60E-11
	CC2	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	5.60E-11
	CC3	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	5.60E-11

	CC4	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	5.74E-11
	CC5	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	5.74E-11
	CC6	0.0000	0.0000	-0.0716	0.00E+0	0.00E+0	2.59E-9
	CC7	0.0000	0.0000	-0.0713	0.00E+0	0.00E+0	2.66E-9
	CC8	0.0000	0.0000	-0.0630	0.00E+0	0.00E+0	2.01E-9
	CC9	0.0000	0.0000	-0.0627	0.00E+0	0.00E+0	2.09E-9
	CC10	0.0000	0.0000	-0.1076	0.00E+0	0.00E+0	-1.97E-9
	CC11	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	-1.90E-9
	CC12	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	-2.55E-9
	CC13	0.0000	0.0000	-0.0987	0.00E+0	0.00E+0	-2.47E-9
	CC14	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	1.59E-9
	CC15	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	1.81E-9
	CC16	0.0000	0.0000	-0.1053	0.00E+0	0.00E+0	2.23E-1
	CC17	0.0000	0.0000	-0.1044	0.00E+0	0.00E+0	4.43E-1
	CC18	0.0000	0.0000	-0.0659	0.00E+0	0.00E+0	-3.27E-1
	CC19	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	-1.07E-1
	CC20	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	-1.70E-9
	CC21	0.0000	0.0000	-0.0758	0.00E+0	0.00E+0	-1.48E-9
44	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.41E-11
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.41E-11
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.41E-11
	CC4	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	1.29E-11
	CC5	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	1.29E-11
	CC6	0.0000	0.0000	-0.0819	0.00E+0	0.00E+0	6.47E-1
	CC7	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	6.71E-1
	CC8	0.0000	0.0000	-0.0701	0.00E+0	0.00E+0	2.39E-1
	CC9	0.0000	0.0000	-0.0699	0.00E+0	0.00E+0	2.63E-1
	CC10	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	-2.38E-1
	CC11	0.0000	0.0000	-0.0999	0.00E+0	0.00E+0	-2.14E-1
	CC12	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	-6.46E-1
	CC13	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-6.22E-1
	CC14	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	7.89E-1
	CC15	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	8.61E-1
	CC16	0.0000	0.0000	-0.1077	0.00E+0	0.00E+0	5.24E-1
	CC17	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	5.96E-1
	CC18	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	-5.70E-1
	CC19	0.0000	0.0000	-0.0622	0.00E+0	0.00E+0	-4.99E-1
	CC20	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-8.36E-1
	CC21	0.0000	0.0000	-0.0676	0.00E+0	0.00E+0	-7.64E-1
45	CC1	0.0000	0.0001	-0.0858	-5.02E-6	1.26E-5	8.10E-7
	CC2	0.0000	0.0001	-0.0858	-5.02E-6	1.26E-5	8.10E-7
	CC3	0.0000	0.0001	-0.0858	-5.02E-6	1.26E-5	8.10E-7
	CC4	0.0000	0.0001	-0.0839	-4.77E-6	1.24E-5	7.78E-7
	CC5	0.0000	0.0001	-0.0839	-4.77E-6	1.24E-5	7.78E-7
	CC6	-0.0003	-0.0144	-0.0445	-1.40E-4	-1.91E-4	-9.54E-5
	CC7	-0.0003	-0.0138	-0.0464	-1.34E-4	-1.82E-4	-9.11E-5
	CC8	-0.0003	-0.0197	-0.0245	-2.19E-4	-2.70E-4	-1.30E-4
	CC9	-0.0003	-0.0190	-0.0264	-2.13E-4	-2.62E-4	-1.26E-4
	CC10	0.0003	0.0192	-0.1400	2.03E-4	2.87E-4	1.27E-4
	CC11	0.0003	0.0199	-0.1419	2.10E-4	2.95E-4	1.32E-4
	CC12	0.0003	0.0140	-0.1200	1.24E-4	2.07E-4	9.26E-5
	CC13	0.0003	0.0147	-0.1219	1.31E-4	2.15E-4	9.70E-5
	CC14	0.0000	0.0028	-0.0993	6.58E-5	6.11E-5	1.86E-5
	CC15	0.0000	0.0048	-0.1050	8.58E-5	8.61E-5	3.17E-5
	CC16	0.0002	0.0129	-0.1280	1.69E-4	2.04E-4	8.54E-5
	CC17	0.0002	0.0149	-0.1337	1.89E-4	2.29E-4	9.85E-5
	CC18	-0.0002	-0.0146	-0.0328	-1.98E-4	-2.05E-4	-9.70E-5
	CC19	-0.0002	-0.0127	-0.0384	-1.78E-4	-1.80E-4	-8.39E-5
	CC20	0.0000	-0.0045	-0.0614	-9.51E-5	-6.15E-5	-3.02E-5
	CC21	0.0000	-0.0026	-0.0671	-7.52E-5	-3.65E-5	-1.70E-5
46	CC1	0.0000	0.0000	-0.0870	-2.68E-6	2.30E-5	2.88E-7
	CC2	0.0000	0.0000	-0.0870	-2.68E-6	2.30E-5	2.88E-7
	CC3	0.0000	0.0000	-0.0870	-2.68E-6	2.30E-5	2.88E-7
	CC4	0.0000	0.0000	-0.0850	-2.39E-6	2.22E-5	2.62E-7
	CC5	0.0000	0.0000	-0.0850	-2.39E-6	2.22E-5	2.62E-7
	CC6	0.0036	-0.0146	-0.0597	-1.55E-4	-2.52E-4	-1.01E-4
	CC7	0.0034	-0.0140	-0.0592	-1.48E-4	-2.59E-4	-9.62E-5
	CC8	0.0050	-0.0199	-0.0673	-2.39E-4	-1.49E-4	-1.37E-4
	CC9	0.0048	-0.0193	-0.0668	-2.31E-4	-1.56E-4	-1.33E-4
	CC10	-0.0049	0.0194	-0.1018	2.27E-4	2.00E-4	1.33E-4
	CC11	-0.0050	0.0200	-0.1013	2.34E-4	1.92E-4	1.38E-4
	CC12	-0.0035	0.0141	-0.1094	1.43E-4	3.03E-4	9.67E-5

	CC13	-0.0036	0.0147	-0.1089	1.50E-4	2.96E-4	1.01E-4
	CC14	-0.0008	0.0028	-0.0661	6.83E-5	-2.07E-4	1.92E-5
	CC15	-0.0013	0.0048	-0.0645	9.12E-5	-2.30E-4	3.29E-5
	CC16	-0.0034	0.0130	-0.0787	1.83E-4	-7.14E-5	8.94E-5
	CC17	-0.0039	0.0150	-0.0772	2.06E-4	-9.41E-5	1.03E-4
	CC18	0.0038	-0.0149	-0.0914	-2.10E-4	1.38E-4	-1.03E-4
	CC19	0.0033	-0.0129	-0.0899	-1.87E-4	1.15E-4	-8.89E-5
	CC20	0.0013	-0.0047	-0.1041	-9.58E-5	2.73E-4	-3.24E-5
	CC21	0.0008	-0.0027	-0.1025	-7.29E-5	2.51E-4	-1.87E-5
47	CC1	0.0000	-0.0001	-0.1048	-3.98E-6	-2.27E-5	4.64E-7
	CC2	0.0000	-0.0001	-0.1048	-3.98E-6	-2.27E-5	4.64E-7
	CC3	0.0000	-0.0001	-0.1048	-3.98E-6	-2.27E-5	4.64E-7
	CC4	-0.0001	-0.0001	-0.1025	-3.73E-6	-2.25E-5	4.29E-7
	CC5	-0.0001	-0.0001	-0.1025	-3.73E-6	-2.25E-5	4.29E-7
	CC6	-0.0012	0.0186	-0.1708	1.83E-4	-3.35E-4	-7.45E-5
	CC7	-0.0012	0.0179	-0.1697	1.76E-4	-3.29E-4	-7.15E-5
	CC8	-0.0007	0.0088	-0.1520	3.20E-5	-2.43E-4	-3.45E-5
	CC9	-0.0007	0.0080	-0.1509	2.55E-5	-2.36E-4	-3.15E-5
	CC10	0.0005	-0.0082	-0.0526	-3.28E-5	1.92E-4	3.23E-5
	CC11	0.0006	-0.0089	-0.0515	-3.92E-5	1.98E-4	3.53E-5
	CC12	0.0011	-0.0180	-0.0338	-1.84E-4	2.84E-4	7.23E-5
	CC13	0.0011	-0.0188	-0.0327	-1.90E-4	2.90E-4	7.53E-5
	CC14	-0.0012	0.0215	-0.1525	2.90E-4	-2.65E-4	-8.69E-5
	CC15	-0.0011	0.0192	-0.1492	2.71E-4	-2.46E-4	-7.77E-5
	CC16	-0.0007	0.0135	-0.1170	2.25E-4	-1.07E-4	-5.48E-5
	CC17	-0.0006	0.0112	-0.1137	2.06E-4	-8.79E-5	-4.57E-5
	CC18	0.0005	-0.0113	-0.0898	-2.13E-4	4.31E-5	4.65E-5
	CC19	0.0006	-0.0136	-0.0865	-2.33E-4	6.19E-5	5.56E-5
	CC20	0.0010	-0.0194	-0.0543	-2.78E-4	2.01E-4	7.86E-5
	CC21	0.0011	-0.0217	-0.0510	-2.97E-4	2.20E-4	8.77E-5
48	CC1	0.0000	-0.0002	-0.1054	-3.69E-6	-2.74E-5	5.29E-7
	CC2	0.0000	-0.0002	-0.1054	-3.69E-6	-2.74E-5	5.29E-7
	CC3	0.0000	-0.0002	-0.1054	-3.69E-6	-2.74E-5	5.29E-7
	CC4	0.0000	-0.0001	-0.1030	-3.25E-6	-2.66E-5	5.01E-7
	CC5	0.0000	-0.0001	-0.1030	-3.25E-6	-2.66E-5	5.01E-7
	CC6	0.0041	0.0176	-0.1277	2.02E-4	-1.44E-4	-8.90E-5
	CC7	0.0040	0.0169	-0.1289	1.95E-4	-1.48E-4	-8.54E-5
	CC8	0.0016	0.0082	-0.1606	4.64E-5	-2.94E-4	-4.07E-5
	CC9	0.0014	0.0074	-0.1618	3.91E-5	-2.98E-4	-3.71E-5
	CC10	-0.0015	-0.0077	-0.0427	-4.54E-5	2.46E-4	3.81E-5
	CC11	-0.0017	-0.0084	-0.0439	-5.27E-5	2.41E-4	4.17E-5
	CC12	-0.0041	-0.0172	-0.0755	-2.01E-4	9.57E-5	8.64E-5
	CC13	-0.0042	-0.0179	-0.0767	-2.08E-4	9.12E-5	9.00E-5
	CC14	0.0053	0.0205	-0.0584	3.04E-4	1.72E-4	-1.04E-4
	CC15	0.0048	0.0183	-0.0621	2.82E-4	1.58E-4	-9.36E-5
	CC16	0.0036	0.0129	-0.0329	2.30E-4	2.89E-4	-6.64E-5
	CC17	0.0031	0.0107	-0.0366	2.08E-4	2.75E-4	-5.55E-5
	CC18	-0.0032	-0.0110	-0.1679	-2.14E-4	-3.28E-4	5.65E-5
	CC19	-0.0037	-0.0132	-0.1715	-2.36E-4	-3.41E-4	6.73E-5
	CC20	-0.0049	-0.0186	-0.1424	-2.88E-4	-2.11E-4	9.46E-5
	CC21	-0.0054	-0.0208	-0.1460	-3.11E-4	-2.24E-4	1.05E-4
49	CC1	-0.0001	-0.0001	-0.1051	-3.97E-6	-2.56E-5	-3.39E-7
	CC2	-0.0001	-0.0001	-0.1051	-3.97E-6	-2.56E-5	-3.39E-7
	CC3	-0.0001	-0.0001	-0.1051	-3.97E-6	-2.56E-5	-3.39E-7
	CC4	-0.0001	-0.0001	-0.1027	-3.54E-6	-2.51E-5	-3.28E-7
	CC5	-0.0001	-0.0001	-0.1027	-3.54E-6	-2.51E-5	-3.28E-7
	CC6	-0.0005	0.0183	-0.1459	2.29E-4	-2.26E-4	1.36E-5
	CC7	-0.0005	0.0176	-0.1461	2.21E-4	-2.25E-4	1.30E-5
	CC8	-0.0011	0.0086	-0.1572	4.63E-5	-2.64E-4	8.04E-6
	CC9	-0.0012	0.0078	-0.1573	3.81E-5	-2.64E-4	7.44E-6
	CC10	0.0011	-0.0081	-0.0465	-4.49E-5	2.14E-4	-8.09E-6
	CC11	0.0010	-0.0088	-0.0467	-5.31E-5	2.15E-4	-8.69E-6
	CC12	0.0004	-0.0178	-0.0577	-2.28E-4	1.75E-4	-1.37E-5
	CC13	0.0003	-0.0185	-0.0579	-2.36E-4	1.76E-4	-1.43E-5
	CC14	0.0009	0.0212	-0.0978	3.55E-4	-2.70E-5	1.32E-5
	CC15	0.0008	0.0189	-0.0984	3.30E-4	-2.56E-5	1.13E-5
	CC16	0.0014	0.0133	-0.0680	2.72E-4	1.05E-4	6.64E-6
	CC17	0.0013	0.0110	-0.0685	2.48E-4	1.06E-4	4.82E-6
	CC18	-0.0014	-0.0112	-0.1353	-2.54E-4	-1.56E-4	-5.47E-6
	CC19	-0.0015	-0.0135	-0.1358	-2.79E-4	-1.55E-4	-7.29E-6
	CC20	-0.0009	-0.0191	-0.1055	-3.37E-4	-2.43E-5	-1.20E-5
	CC21	-0.0010	-0.0214	-0.1060	-3.61E-4	-2.29E-5	-1.38E-5

50	CC1	-0.0001	-0.0001	-0.1046	-4.21E-6	-2.35E-5	1.27E-7
	CC2	-0.0001	-0.0001	-0.1046	-4.21E-6	-2.35E-5	1.27E-7
	CC3	-0.0001	-0.0001	-0.1046	-4.21E-6	-2.35E-5	1.27E-7
	CC4	-0.0001	-0.0001	-0.1023	-3.88E-6	-2.32E-5	1.12E-7
	CC5	-0.0001	-0.0001	-0.1023	-3.88E-6	-2.32E-5	1.12E-7
	CC6	-0.0008	0.0181	-0.1600	2.15E-4	-2.90E-4	-1.66E-5
	CC7	-0.0009	0.0174	-0.1593	2.07E-4	-2.86E-4	-1.59E-5
	CC8	-0.0017	0.0085	-0.1509	3.85E-5	-2.45E-4	-6.42E-6
	CC9	-0.0017	0.0078	-0.1502	3.09E-5	-2.41E-4	-5.78E-6
	CC10	0.0016	-0.0080	-0.0528	-3.85E-5	1.95E-4	6.00E-6
	CC11	0.0015	-0.0087	-0.0522	-4.61E-5	1.99E-4	6.64E-6
	CC12	0.0008	-0.0176	-0.0438	-2.15E-4	2.40E-4	1.61E-5
	CC13	0.0007	-0.0183	-0.0431	-2.22E-4	2.44E-4	1.68E-5
	CC14	0.0010	0.0209	-0.1337	3.39E-4	-1.77E-4	-2.12E-5
	CC15	0.0008	0.0187	-0.1318	3.16E-4	-1.65E-4	-1.92E-5
	CC16	0.0018	0.0131	-0.1016	2.63E-4	-3.17E-5	-1.44E-5
	CC17	0.0016	0.0109	-0.0997	2.40E-4	-1.94E-5	-1.25E-5
	CC18	-0.0017	-0.0110	-0.1034	-2.48E-4	-2.67E-5	1.27E-5
	CC19	-0.0019	-0.0132	-0.1015	-2.71E-4	-1.44E-5	1.46E-5
	CC20	-0.0010	-0.0188	-0.0713	-3.24E-4	1.19E-4	1.94E-5
	CC21	-0.0012	-0.0211	-0.0694	-3.47E-4	1.31E-4	2.14E-5
51	CC1	-0.0049	-0.0025	-0.1055	7.40E-6	-6.07E-7	3.10E-6
	CC2	-0.0049	-0.0025	-0.1055	7.40E-6	-6.07E-7	3.10E-6
	CC3	-0.0049	-0.0025	-0.1055	7.40E-6	-6.07E-7	3.10E-6
	CC4	-0.0046	-0.0023	-0.1023	8.34E-6	-3.10E-7	2.82E-6
	CC5	-0.0046	-0.0023	-0.1023	8.34E-6	-3.10E-7	2.82E-6
	CC6	0.1022	-0.1449	-0.1396	-3.70E-4	-4.22E-4	-6.57E-5
	CC7	0.0992	-0.1380	-0.1378	-3.51E-4	-4.10E-4	-6.28E-5
	CC8	0.0964	-0.2235	-0.1761	-6.01E-4	-3.90E-4	-5.83E-5
	CC9	0.0934	-0.2165	-0.1743	-5.82E-4	-3.78E-4	-5.54E-5
	CC10	-0.1024	0.2120	-0.0282	6.00E-4	3.78E-4	6.08E-5
	CC11	-0.1054	0.2189	-0.0265	6.18E-4	3.89E-4	6.37E-5
	CC12	-0.1082	0.1334	-0.0647	3.68E-4	4.10E-4	6.82E-5
	CC13	-0.1112	0.1404	-0.0630	3.87E-4	4.21E-4	7.11E-5
	CC14	0.0404	0.0646	-0.0597	2.21E-4	-1.92E-4	-3.30E-5
	CC15	0.0313	0.0857	-0.0545	2.77E-4	-1.55E-4	-2.42E-5
	CC16	-0.0210	0.1716	-0.0263	5.11E-4	4.83E-5	4.95E-6
	CC17	-0.0301	0.1927	-0.0211	5.68E-4	8.45E-5	1.38E-5
	CC18	0.0211	-0.1973	-0.1815	-5.51E-4	-8.49E-5	-8.33E-6
	CC19	0.0120	-0.1762	-0.1762	-4.94E-4	-4.87E-5	4.98E-7
	CC20	-0.0403	-0.0902	-0.1480	-2.60E-4	1.55E-4	2.96E-5
	CC21	-0.0494	-0.0691	-0.1428	-2.03E-4	1.91E-4	3.85E-5
52	CC1	-0.0028	-0.0023	-0.0923	-2.33E-5	-1.90E-5	1.11E-6
	CC2	-0.0028	-0.0023	-0.0923	-2.33E-5	-1.90E-5	1.11E-6
	CC3	-0.0028	-0.0023	-0.0923	-2.33E-5	-1.90E-5	1.11E-6
	CC4	-0.0026	-0.0021	-0.0900	-2.23E-5	-1.70E-5	1.03E-6
	CC5	-0.0026	-0.0021	-0.0900	-2.23E-5	-1.70E-5	1.03E-6
	CC6	0.0831	-0.1447	-0.1253	-3.95E-4	-2.88E-4	-6.74E-5
	CC7	0.0820	-0.1378	-0.1235	-3.76E-4	-2.85E-4	-6.45E-5
	CC8	0.0820	-0.2233	-0.1467	-6.22E-4	-2.81E-4	-6.00E-5
	CC9	0.0808	-0.2163	-0.1449	-6.04E-4	-2.78E-4	-5.71E-5
	CC10	-0.0860	0.2122	-0.0336	5.60E-4	2.45E-4	5.91E-5
	CC11	-0.0871	0.2191	-0.0318	5.78E-4	2.48E-4	6.20E-5
	CC12	-0.0872	0.1336	-0.0550	3.33E-4	2.52E-4	6.65E-5
	CC13	-0.0883	0.1406	-0.0533	3.51E-4	2.55E-4	6.94E-5
	CC14	0.0264	0.0648	-0.0701	1.85E-4	-1.13E-4	-3.47E-5
	CC15	0.0230	0.0859	-0.0646	2.42E-4	-1.03E-4	-2.59E-5
	CC16	-0.0244	0.1718	-0.0426	4.72E-4	4.71E-5	3.23E-6
	CC17	-0.0278	0.1929	-0.0371	5.28E-4	5.72E-5	1.21E-5
	CC18	0.0226	-0.1971	-0.1414	-5.72E-4	-8.97E-5	-1.01E-5
	CC19	0.0192	-0.1760	-0.1360	-5.15E-4	-7.96E-5	-1.22E-6
	CC20	-0.0282	-0.0900	-0.1139	-2.86E-4	7.02E-5	2.79E-5
	CC21	-0.0316	-0.0689	-0.1085	-2.29E-4	8.03E-5	3.67E-5
53	CC1	-0.0017	-0.0020	-0.0884	-1.38E-5	-6.68E-6	1.56E-6
	CC2	-0.0017	-0.0020	-0.0884	-1.38E-5	-6.68E-6	1.56E-6
	CC3	-0.0017	-0.0020	-0.0884	-1.38E-5	-6.68E-6	1.56E-6
	CC4	-0.0016	-0.0018	-0.0864	-1.30E-5	-6.20E-6	1.45E-6
	CC5	-0.0016	-0.0018	-0.0864	-1.30E-5	-6.20E-6	1.45E-6
	CC6	0.0759	-0.1444	-0.0151	-4.60E-4	-2.87E-4	-6.70E-5
	CC7	0.0756	-0.1375	-0.0187	-4.38E-4	-2.85E-4	-6.41E-5
	CC8	0.0777	-0.2230	0.0268	-7.30E-4	-2.98E-4	-5.96E-5
	CC9	0.0774	-0.2160	0.0233	-7.07E-4	-2.97E-4	-5.67E-5

	CC10	-0.0806	0.2124	-0.1948	6.82E-4	2.85E-4	5.95E-5
	CC11	-0.0809	0.2194	-0.1983	7.04E-4	2.86E-4	6.24E-5
	CC12	-0.0788	0.1339	-0.1529	4.12E-4	2.73E-4	6.69E-5
	CC13	-0.0791	0.1408	-0.1564	4.35E-4	2.75E-4	6.98E-5
	CC14	0.0193	0.0650	-0.1233	2.30E-4	-7.46E-5	-3.43E-5
	CC15	0.0184	0.0861	-0.1340	2.99E-4	-7.06E-5	-2.55E-5
	CC16	-0.0277	0.1721	-0.1772	5.73E-4	9.69E-5	3.64E-6
	CC17	-0.0285	0.1932	-0.1879	6.41E-4	1.01E-4	1.25E-5
	CC18	0.0253	-0.1968	0.0164	-6.67E-4	-1.13E-4	-9.64E-6
	CC19	0.0244	-0.1757	0.0057	-5.98E-4	-1.09E-4	-8.13E-7
	CC20	-0.0217	-0.0897	-0.0375	-3.24E-4	5.85E-5	2.83E-5
	CC21	-0.0225	-0.0686	-0.0482	-2.56E-4	6.25E-5	3.71E-5
54	CC1	-0.0052	-0.0022	-0.1081	5.61E-5	2.30E-5	-4.95E-8
	CC2	-0.0052	-0.0022	-0.1081	5.61E-5	2.30E-5	-4.95E-8
	CC3	-0.0052	-0.0022	-0.1081	5.61E-5	2.30E-5	-4.95E-8
	CC4	-0.0048	-0.0021	-0.1033	5.27E-5	2.23E-5	-6.76E-8
	CC5	-0.0048	-0.0021	-0.1033	5.27E-5	2.23E-5	-6.76E-8
	CC6	0.1020	-0.1150	-0.1137	-3.57E-4	-2.06E-4	-6.85E-5
	CC7	0.0990	-0.1093	-0.1132	-3.35E-4	-2.01E-4	-6.56E-5
	CC8	0.0962	-0.1968	-0.1252	-6.87E-4	-1.69E-4	-6.11E-5
	CC9	0.0932	-0.1911	-0.1248	-6.66E-4	-1.63E-4	-5.82E-5
	CC10	-0.1026	0.1870	-0.0787	7.69E-4	2.07E-4	5.80E-5
	CC11	-0.1056	0.1927	-0.0783	7.90E-4	2.13E-4	6.09E-5
	CC12	-0.1084	0.1052	-0.0903	4.38E-4	2.45E-4	6.54E-5
	CC13	-0.1114	0.1109	-0.0898	4.60E-4	2.50E-4	6.83E-5
	CC14	0.0402	0.0803	-0.0884	4.01E-4	-1.11E-4	-3.58E-5
	CC15	0.0311	0.0976	-0.0871	4.65E-4	-9.39E-5	-2.70E-5
	CC16	-0.0212	0.1709	-0.0779	7.38E-4	1.32E-5	2.15E-6
	CC17	-0.0303	0.1882	-0.0766	8.03E-4	3.03E-5	1.10E-5
	CC18	0.0209	-0.1922	-0.1270	-6.99E-4	1.39E-5	-1.11E-5
	CC19	0.0118	-0.1750	-0.1256	-6.35E-4	3.09E-5	-2.30E-6
	CC20	-0.0405	-0.1017	-0.1165	-3.62E-4	1.38E-4	2.68E-5
	CC21	-0.0496	-0.0844	-0.1151	-2.98E-4	1.55E-4	3.57E-5
55	CC1	-0.0029	-0.0021	-0.1091	-5.35E-5	-9.93E-6	3.84E-7
	CC2	-0.0029	-0.0021	-0.1091	-5.35E-5	-9.93E-6	3.84E-7
	CC3	-0.0029	-0.0021	-0.1091	-5.35E-5	-9.93E-6	3.84E-7
	CC4	-0.0027	-0.0020	-0.1041	-5.01E-5	-6.17E-6	3.54E-7
	CC5	-0.0027	-0.0020	-0.1041	-5.01E-5	-6.17E-6	3.54E-7
	CC6	0.0831	-0.1149	-0.1132	-4.22E-4	-8.75E-5	-6.81E-5
	CC7	0.0819	-0.1092	-0.1128	-4.03E-4	-8.97E-5	-6.52E-5
	CC8	0.0819	-0.1966	-0.1186	-7.09E-4	-5.23E-5	-6.07E-5
	CC9	0.0808	-0.1909	-0.1182	-6.90E-4	-5.44E-5	-5.78E-5
	CC10	-0.0861	0.1871	-0.0868	5.92E-4	4.46E-5	5.85E-5
	CC11	-0.0872	0.1928	-0.0864	6.11E-4	4.24E-5	6.14E-5
	CC12	-0.0872	0.1054	-0.0922	3.05E-4	7.99E-5	6.59E-5
	CC13	-0.0883	0.1110	-0.0918	3.25E-4	7.77E-5	6.88E-5
	CC14	0.0263	0.0804	-0.0980	2.47E-4	-8.02E-5	-3.54E-5
	CC15	0.0229	0.0977	-0.0969	3.06E-4	-8.68E-5	-2.66E-5
	CC16	-0.0244	0.1710	-0.0901	5.51E-4	-4.06E-5	2.57E-6
	CC17	-0.0278	0.1883	-0.0890	6.10E-4	-4.72E-5	1.14E-5
	CC18	0.0225	-0.1921	-0.1161	-7.08E-4	3.73E-5	-1.07E-5
	CC19	0.0191	-0.1748	-0.1150	-6.49E-4	3.08E-5	-1.88E-6
	CC20	-0.0282	-0.1015	-0.1081	-4.03E-4	7.70E-5	2.72E-5
	CC21	-0.0316	-0.0843	-0.1070	-3.45E-4	7.04E-5	3.61E-5
56	CC1	-0.0018	-0.0021	-0.0957	-2.68E-5	5.94E-6	1.50E-6
	CC2	-0.0018	-0.0021	-0.0957	-2.68E-5	5.94E-6	1.50E-6
	CC3	-0.0018	-0.0021	-0.0957	-2.68E-5	5.94E-6	1.50E-6
	CC4	-0.0017	-0.0019	-0.0923	-2.48E-5	6.49E-6	1.39E-6
	CC5	-0.0017	-0.0019	-0.0923	-2.48E-5	6.49E-6	1.39E-6
	CC6	0.0758	-0.1148	-0.0802	-4.20E-4	-1.63E-4	-6.71E-5
	CC7	0.0755	-0.1092	-0.0806	-4.00E-4	-1.61E-4	-6.42E-5
	CC8	0.0776	-0.1966	-0.0724	-7.39E-4	-1.91E-4	-5.97E-5
	CC9	0.0773	-0.1909	-0.0729	-7.19E-4	-1.88E-4	-5.68E-5
	CC10	-0.0807	0.1871	-0.1093	6.70E-4	2.02E-4	5.95E-5
	CC11	-0.0810	0.1928	-0.1098	6.91E-4	2.04E-4	6.24E-5
	CC12	-0.0789	0.1054	-0.1016	3.51E-4	1.74E-4	6.69E-5
	CC13	-0.0792	0.1111	-0.1020	3.72E-4	1.77E-4	6.98E-5
	CC14	0.0192	0.0804	-0.0989	3.13E-4	-5.87E-6	-3.44E-5
	CC15	0.0183	0.0977	-0.1003	3.75E-4	1.84E-6	-2.56E-5
	CC16	-0.0278	0.1710	-0.1076	6.40E-4	1.04E-4	3.58E-6
	CC17	-0.0286	0.1883	-0.1091	7.02E-4	1.11E-4	1.24E-5
	CC18	0.0252	-0.1921	-0.0731	-7.51E-4	-9.80E-5	-9.70E-6

	CC19	0.0243	-0.1748	-0.0746	-6.88E-4	-9.03E-5	-8.73E-7
	CC20	-0.0217	-0.1015	-0.0819	-4.23E-4	1.15E-5	2.83E-5
	CC21	-0.0226	-0.0842	-0.0833	-3.61E-4	1.92E-5	3.71E-5
57	CC1	-0.0053	-0.0019	-0.1050	6.05E-5	7.80E-6	5.15E-8
	CC2	-0.0053	-0.0019	-0.1050	6.05E-5	7.80E-6	5.15E-8
	CC3	-0.0053	-0.0019	-0.1050	6.05E-5	7.80E-6	5.15E-8
	CC4	-0.0049	-0.0018	-0.1002	5.70E-5	7.40E-6	5.07E-8
	CC5	-0.0049	-0.0018	-0.1002	5.70E-5	7.40E-6	5.07E-8
	CC6	0.1019	-0.0899	-0.0854	-2.57E-4	-2.24E-4	-6.84E-5
	CC7	0.0989	-0.0852	-0.0852	-2.40E-4	-2.18E-4	-6.55E-5
	CC8	0.0961	-0.1743	-0.0969	-6.02E-4	-2.05E-4	-6.10E-5
	CC9	0.0931	-0.1697	-0.0967	-5.85E-4	-1.99E-4	-5.81E-5
	CC10	-0.1027	0.1662	-0.1006	6.96E-4	2.13E-4	5.82E-5
	CC11	-0.1057	0.1708	-0.1004	7.13E-4	2.20E-4	6.11E-5
	CC12	-0.1085	0.0818	-0.1121	3.51E-4	2.32E-4	6.56E-5
	CC13	-0.1115	0.0864	-0.1119	3.69E-4	2.39E-4	6.85E-5
	CC14	0.0401	0.0936	-0.0775	4.61E-4	-1.00E-4	-3.57E-5
	CC15	0.0310	0.1076	-0.0770	5.13E-4	-8.06E-5	-2.69E-5
	CC16	-0.0213	0.1704	-0.0820	7.47E-4	3.09E-5	2.28E-6
	CC17	-0.0304	0.1845	-0.0815	7.99E-4	5.07E-5	1.11E-5
	CC18	0.0208	-0.1879	-0.1158	-6.88E-4	-3.62E-5	-1.10E-5
	CC19	0.0117	-0.1739	-0.1153	-6.36E-4	-1.64E-5	-2.18E-6
	CC20	-0.0406	-0.1111	-0.1203	-4.02E-4	9.51E-5	2.70E-5
	CC21	-0.0497	-0.0970	-0.1198	-3.50E-4	1.15E-4	3.58E-5
58	CC1	-0.0026	-0.0017	-0.1093	-6.29E-5	1.35E-6	1.55E-6
	CC2	-0.0026	-0.0017	-0.1093	-6.29E-5	1.35E-6	1.55E-6
	CC3	-0.0026	-0.0017	-0.1093	-6.29E-5	1.35E-6	1.55E-6
	CC4	-0.0024	-0.0016	-0.1039	-5.85E-5	1.19E-6	1.44E-6
	CC5	-0.0024	-0.0016	-0.1039	-5.85E-5	1.19E-6	1.44E-6
	CC6	0.0833	-0.0897	-0.0977	-3.34E-4	-1.81E-4	-6.70E-5
	CC7	0.0822	-0.0851	-0.0977	-3.19E-4	-1.78E-4	-6.41E-5
	CC8	0.0822	-0.1742	-0.0992	-6.36E-4	-1.88E-4	-5.96E-5
	CC9	0.0810	-0.1695	-0.0992	-6.20E-4	-1.85E-4	-5.67E-5
	CC10	-0.0858	0.1664	-0.1050	5.06E-4	1.88E-4	5.95E-5
	CC11	-0.0869	0.1710	-0.1050	5.21E-4	1.91E-4	6.24E-5
	CC12	-0.0870	0.0819	-0.1065	2.05E-4	1.80E-4	6.69E-5
	CC13	-0.0881	0.0865	-0.1065	2.20E-4	1.83E-4	6.98E-5
	CC14	0.0266	0.0937	-0.0985	2.96E-4	-4.58E-5	-3.43E-5
	CC15	0.0232	0.1078	-0.0985	3.42E-4	-3.73E-5	-2.55E-5
	CC16	-0.0242	0.1705	-0.1007	5.48E-4	6.47E-5	3.62E-6
	CC17	-0.0276	0.1846	-0.1007	5.94E-4	7.32E-5	1.25E-5
	CC18	0.0228	-0.1878	-0.1035	-7.09E-4	-7.09E-5	-9.66E-6
	CC19	0.0194	-0.1737	-0.1035	-6.63E-4	-6.24E-5	-8.27E-7
	CC20	-0.0280	-0.1110	-0.1056	-4.56E-4	3.96E-5	2.83E-5
	CC21	-0.0314	-0.0969	-0.1057	-4.10E-4	4.81E-5	3.71E-5
59	CC1	-0.0018	-0.0017	-0.0961	-2.73E-5	-1.58E-6	2.26E-7
	CC2	-0.0018	-0.0017	-0.0961	-2.73E-5	-1.58E-6	2.26E-7
	CC3	-0.0018	-0.0017	-0.0961	-2.73E-5	-1.58E-6	2.26E-7
	CC4	-0.0017	-0.0016	-0.0923	-2.50E-5	-1.37E-6	1.94E-7
	CC5	-0.0017	-0.0016	-0.0923	-2.50E-5	-1.37E-6	1.94E-7
	CC6	0.0758	-0.0897	-0.0847	-3.17E-4	-1.64E-4	-6.82E-5
	CC7	0.0755	-0.0851	-0.0849	-3.01E-4	-1.64E-4	-6.53E-5
	CC8	0.0776	-0.1742	-0.0798	-6.35E-4	-1.68E-4	-6.08E-5
	CC9	0.0773	-0.1695	-0.0800	-6.19E-4	-1.68E-4	-5.79E-5
	CC10	-0.0807	0.1664	-0.1021	5.70E-4	1.65E-4	5.83E-5
	CC11	-0.0810	0.1710	-0.1024	5.86E-4	1.66E-4	6.12E-5
	CC12	-0.0789	0.0819	-0.0973	2.52E-4	1.61E-4	6.57E-5
	CC13	-0.0792	0.0866	-0.0975	2.68E-4	1.62E-4	6.86E-5
	CC14	0.0192	0.0937	-0.0962	3.49E-4	-4.49E-5	-3.55E-5
	CC15	0.0184	0.1078	-0.0969	3.97E-4	-4.32E-5	-2.67E-5
	CC16	-0.0277	0.1705	-0.1014	6.15E-4	5.39E-5	2.41E-6
	CC17	-0.0286	0.1846	-0.1021	6.63E-4	5.56E-5	1.12E-5
	CC18	0.0252	-0.1878	-0.0800	-7.12E-4	-5.82E-5	-1.09E-5
	CC19	0.0244	-0.1737	-0.0807	-6.64E-4	-5.65E-5	-2.04E-6
	CC20	-0.0217	-0.1109	-0.0853	-4.46E-4	4.06E-5	2.71E-5
	CC21	-0.0226	-0.0969	-0.0860	-3.97E-4	4.23E-5	3.59E-5
60	CC1	-0.0053	-0.0016	-0.1038	6.70E-5	7.99E-6	6.40E-7
	CC2	-0.0053	-0.0016	-0.1038	6.70E-5	7.99E-6	6.40E-7
	CC3	-0.0053	-0.0016	-0.1038	6.70E-5	7.99E-6	6.40E-7
	CC4	-0.0050	-0.0015	-0.0991	6.46E-5	7.49E-6	5.65E-7
	CC5	-0.0050	-0.0015	-0.0991	6.46E-5	7.49E-6	5.65E-7
	CC6	0.1018	-0.0648	-0.0889	-9.81E-5	-2.25E-4	-6.79E-5

	CC7	0.0988	-0.0612	-0.0888	-8.82E-5	-2.18E-4	-6.50E-5
	CC8	0.0961	-0.1519	-0.0947	-3.73E-4	-2.02E-4	-6.05E-5
	CC9	0.0931	-0.1484	-0.0946	-3.63E-4	-1.96E-4	-5.76E-5
	CC10	-0.1028	0.1454	-0.1005	4.91E-4	2.11E-4	5.86E-5
	CC11	-0.1058	0.1490	-0.1004	5.01E-4	2.17E-4	6.16E-5
	CC12	-0.1086	0.0583	-0.1062	2.16E-4	2.33E-4	6.60E-5
	CC13	-0.1116	0.0618	-0.1061	2.26E-4	2.39E-4	6.90E-5
	CC14	0.0400	0.1068	-0.0864	4.19E-4	-1.05E-4	-3.52E-5
	CC15	0.0309	0.1176	-0.0861	4.49E-4	-8.53E-5	-2.64E-5
	CC16	-0.0214	0.1698	-0.0899	5.96E-4	2.54E-5	2.77E-6
	CC17	-0.0305	0.1807	-0.0895	6.26E-4	4.53E-5	1.16E-5
	CC18	0.0207	-0.1837	-0.1055	-4.99E-4	-3.07E-5	-1.05E-5
	CC19	0.0116	-0.1728	-0.1052	-4.68E-4	-1.07E-5	-1.69E-6
	CC20	-0.0407	-0.1206	-0.1090	-3.22E-4	1.00E-4	2.74E-5
	CC21	-0.0498	-0.1098	-0.1086	-2.92E-4	1.20E-4	3.63E-5
61	CC1	-0.0022	-0.0013	-0.1106	-4.39E-5	3.01E-8	1.58E-6
	CC2	-0.0022	-0.0013	-0.1106	-4.39E-5	3.01E-8	1.58E-6
	CC3	-0.0022	-0.0013	-0.1106	-4.39E-5	3.01E-8	1.58E-6
	CC4	-0.0020	-0.0013	-0.1053	-3.93E-5	-1.71E-7	1.43E-6
	CC5	-0.0020	-0.0013	-0.1053	-3.93E-5	-1.71E-7	1.43E-6
	CC6	0.0837	-0.0646	-0.0917	-8.50E-5	-1.70E-4	-6.70E-5
	CC7	0.0826	-0.0610	-0.0915	-8.24E-5	-1.68E-4	-6.41E-5
	CC8	0.0826	-0.1517	-0.0995	-1.62E-4	-1.73E-4	-5.96E-5
	CC9	0.0815	-0.1481	-0.0994	-1.60E-4	-1.71E-4	-5.67E-5
	CC10	-0.0854	0.1456	-0.1078	8.41E-5	1.70E-4	5.95E-5
	CC11	-0.0865	0.1492	-0.1076	8.67E-5	1.73E-4	6.24E-5
	CC12	-0.0865	0.0585	-0.1156	6.74E-6	1.67E-4	6.69E-5
	CC13	-0.0877	0.0621	-0.1155	9.33E-6	1.70E-4	6.98E-5
	CC14	0.0270	0.1070	-0.0883	6.18E-5	-4.94E-5	-3.43E-5
	CC15	0.0236	0.1179	-0.0879	6.97E-5	-4.22E-5	-2.55E-5
	CC16	-0.0237	0.1701	-0.0931	1.13E-4	5.28E-5	3.61E-6
	CC17	-0.0271	0.1809	-0.0927	1.20E-4	5.99E-5	1.24E-5
	CC18	0.0232	-0.1834	-0.1144	-1.96E-4	-6.04E-5	-9.67E-6
	CC19	0.0198	-0.1726	-0.1140	-1.88E-4	-5.33E-5	-8.42E-7
	CC20	-0.0275	-0.1204	-0.1192	-1.45E-4	4.17E-5	2.83E-5
	CC21	-0.0309	-0.1095	-0.1188	-1.37E-4	4.89E-5	3.71E-5
62	CC1	-0.0017	-0.0013	-0.0985	-4.14E-5	-1.38E-6	1.28E-6
	CC2	-0.0017	-0.0013	-0.0985	-4.14E-5	-1.38E-6	1.28E-6
	CC3	-0.0017	-0.0013	-0.0985	-4.14E-5	-1.38E-6	1.28E-6
	CC4	-0.0016	-0.0013	-0.0946	-3.69E-5	-1.56E-6	1.15E-6
	CC5	-0.0016	-0.0013	-0.0946	-3.69E-5	-1.56E-6	1.15E-6
	CC6	0.0760	-0.0645	-0.0845	-9.56E-5	-1.58E-4	-6.73E-5
	CC7	0.0757	-0.0610	-0.0849	-9.23E-5	-1.57E-4	-6.44E-5
	CC8	0.0778	-0.1517	-0.0727	-1.94E-4	-1.64E-4	-5.99E-5
	CC9	0.0775	-0.1481	-0.0731	-1.91E-4	-1.63E-4	-5.70E-5
	CC10	-0.0806	0.1456	-0.1135	1.20E-4	1.60E-4	5.92E-5
	CC11	-0.0809	0.1492	-0.1139	1.24E-4	1.61E-4	6.21E-5
	CC12	-0.0788	0.0585	-0.1016	2.15E-5	1.54E-4	6.66E-5
	CC13	-0.0791	0.0621	-0.1020	2.48E-5	1.54E-4	6.95E-5
	CC14	0.0194	0.1070	-0.1081	9.17E-5	-3.95E-5	-3.46E-5
	CC15	0.0185	0.1179	-0.1093	1.02E-4	-3.67E-5	-2.58E-5
	CC16	-0.0276	0.1701	-0.1168	1.56E-4	5.58E-5	3.33E-6
	CC17	-0.0285	0.1810	-0.1180	1.67E-4	5.87E-5	1.22E-5
	CC18	0.0254	-0.1834	-0.0686	-2.37E-4	-6.19E-5	-9.95E-6
	CC19	0.0245	-0.1725	-0.0698	-2.27E-4	-5.91E-5	-1.12E-6
	CC20	-0.0216	-0.1204	-0.0772	-1.73E-4	3.35E-5	2.80E-5
	CC21	-0.0225	-0.1095	-0.0785	-1.62E-4	3.63E-5	3.68E-5
63	CC1	-0.0053	-0.0020	-0.1027	6.01E-5	4.74E-6	2.40E-6
	CC2	-0.0053	-0.0020	-0.1027	6.01E-5	4.74E-6	2.40E-6
	CC3	-0.0053	-0.0020	-0.1027	6.01E-5	4.74E-6	2.40E-6
	CC4	-0.0050	-0.0018	-0.0980	5.66E-5	4.42E-6	2.24E-6
	CC5	-0.0050	-0.0018	-0.0980	5.66E-5	4.42E-6	2.24E-6
	CC6	0.1019	-0.0403	-0.0978	-5.92E-5	-2.26E-4	-6.62E-5
	CC7	0.0989	-0.0378	-0.0977	-5.03E-5	-2.20E-4	-6.33E-5
	CC8	0.0961	-0.1301	-0.0888	-4.34E-4	-2.08E-4	-5.88E-5
	CC9	0.0931	-0.1276	-0.0888	-4.25E-4	-2.01E-4	-5.59E-5
	CC10	-0.1028	0.1240	-0.1040	5.36E-4	2.10E-4	6.03E-5
	CC11	-0.1058	0.1266	-0.1040	5.45E-4	2.17E-4	6.32E-5
	CC12	-0.1086	0.0342	-0.0951	1.61E-4	2.28E-4	6.77E-5
	CC13	-0.1116	0.0368	-0.0951	1.70E-4	2.35E-4	7.06E-5
	CC14	0.0401	0.1195	-0.1104	5.77E-4	-1.02E-4	-3.35E-5
	CC15	0.0310	0.1271	-0.1103	6.04E-4	-8.18E-5	-2.47E-5

	CC16	-0.0213	0.1688	-0.1123	7.55E-4	2.90E-5	4.41E-6
	CC17	-0.0304	0.1764	-0.1122	7.82E-4	4.91E-5	1.32E-5
	CC18	0.0207	-0.1799	-0.0806	-6.71E-4	-4.05E-5	-8.87E-6
	CC19	0.0116	-0.1723	-0.0805	-6.44E-4	-2.04E-5	-4.11E-8
	CC20	-0.0406	-0.1306	-0.0825	-4.93E-4	9.04E-5	2.91E-5
	CC21	-0.0497	-0.1230	-0.0824	-4.66E-4	1.11E-4	3.79E-5
64	CC1	-0.0014	-0.0018	-0.1115	-5.02E-5	-1.97E-7	1.83E-6
	CC2	-0.0014	-0.0018	-0.1115	-5.02E-5	-1.97E-7	1.83E-6
	CC3	-0.0014	-0.0018	-0.1115	-5.02E-5	-1.97E-7	1.83E-6
	CC4	-0.0013	-0.0016	-0.1064	-4.68E-5	-2.38E-6	1.76E-6
	CC5	-0.0013	-0.0016	-0.1064	-4.68E-5	-2.38E-6	1.76E-6
	CC6	0.0844	-0.0401	-0.0682	-1.20E-4	-2.09E-5	-6.67E-5
	CC7	0.0833	-0.0376	-0.0684	-1.13E-4	-2.06E-5	-6.38E-5
	CC8	0.0833	-0.1299	-0.0735	-4.74E-4	-1.26E-5	-5.93E-5
	CC9	0.0821	-0.1274	-0.0738	-4.67E-4	-1.22E-5	-5.64E-5
	CC10	-0.0847	0.1242	-0.1357	3.76E-4	6.04E-6	5.98E-5
	CC11	-0.0858	0.1267	-0.1360	3.83E-4	6.36E-6	6.28E-5
	CC12	-0.0859	0.0344	-0.1411	2.20E-5	1.44E-5	6.72E-5
	CC13	-0.0870	0.0369	-0.1413	2.89E-5	1.47E-5	7.02E-5
	CC14	0.0277	0.1196	-0.0853	4.60E-4	-2.16E-5	-3.40E-5
	CC15	0.0243	0.1273	-0.0861	4.81E-4	-2.06E-5	-2.52E-5
	CC16	-0.0230	0.1689	-0.1056	6.09E-4	-1.35E-5	3.96E-6
	CC17	-0.0265	0.1766	-0.1064	6.30E-4	-1.25E-5	1.28E-5
	CC18	0.0239	-0.1798	-0.1031	-7.21E-4	6.30E-6	-9.32E-6
	CC19	0.0205	-0.1721	-0.1039	-7.00E-4	7.28E-6	-4.91E-7
	CC20	-0.0269	-0.1305	-0.1234	-5.72E-4	1.44E-5	2.86E-5
	CC21	-0.0303	-0.1228	-0.1242	-5.51E-4	1.54E-5	3.75E-5
65	CC1	-0.0014	-0.0018	-0.0999	-2.94E-5	-1.92E-6	5.31E-7
	CC2	-0.0014	-0.0018	-0.0999	-2.94E-5	-1.92E-6	5.31E-7
	CC3	-0.0014	-0.0018	-0.0999	-2.94E-5	-1.92E-6	5.31E-7
	CC4	-0.0014	-0.0016	-0.0962	-2.74E-5	-2.20E-6	4.75E-7
	CC5	-0.0014	-0.0016	-0.0962	-2.74E-5	-2.20E-6	4.75E-7
	CC6	0.0762	-0.0401	-0.0786	-1.23E-4	-1.56E-4	-6.80E-5
	CC7	0.0759	-0.0376	-0.0788	-1.15E-4	-1.55E-4	-6.51E-5
	CC8	0.0780	-0.1299	-0.0731	-4.66E-4	-1.68E-4	-6.06E-5
	CC9	0.0777	-0.1274	-0.0733	-4.58E-4	-1.68E-4	-5.76E-5
	CC10	-0.0803	0.1242	-0.1166	4.05E-4	1.63E-4	5.86E-5
	CC11	-0.0806	0.1268	-0.1168	4.12E-4	1.64E-4	6.15E-5
	CC12	-0.0785	0.0344	-0.1111	6.18E-5	1.51E-4	6.60E-5
	CC13	-0.0788	0.0370	-0.1113	6.95E-5	1.51E-4	6.89E-5
	CC14	0.0196	0.1197	-0.0981	4.54E-4	-3.08E-5	-3.53E-5
	CC15	0.0187	0.1273	-0.0988	4.77E-4	-2.83E-5	-2.64E-5
	CC16	-0.0274	0.1690	-0.1095	6.12E-4	6.49E-5	2.68E-6
	CC17	-0.0282	0.1766	-0.1102	6.36E-4	6.74E-5	1.15E-5
	CC18	0.0256	-0.1797	-0.0797	-6.89E-4	-7.20E-5	-1.06E-5
	CC19	0.0247	-0.1721	-0.0804	-6.66E-4	-6.94E-5	-1.77E-6
	CC20	-0.0214	-0.1304	-0.0911	-5.31E-4	2.37E-5	2.74E-5
	CC21	-0.0222	-0.1228	-0.0918	-5.08E-4	2.62E-5	3.62E-5
66	CC1	-0.0052	-0.0026	-0.1038	5.78E-5	4.46E-6	2.63E-6
	CC2	-0.0052	-0.0026	-0.1038	5.78E-5	4.46E-6	2.63E-6
	CC3	-0.0052	-0.0026	-0.1038	5.78E-5	4.46E-6	2.63E-6
	CC4	-0.0049	-0.0024	-0.0990	5.44E-5	4.12E-6	2.50E-6
	CC5	-0.0049	-0.0024	-0.0990	5.44E-5	4.12E-6	2.50E-6
	CC6	0.1020	-0.0154	-0.0896	3.73E-5	-2.37E-4	-6.60E-5
	CC7	0.0990	-0.0140	-0.0896	4.20E-5	-2.30E-4	-6.31E-5
	CC8	0.0962	-0.1080	-0.0982	-3.56E-4	-2.18E-4	-5.86E-5
	CC9	0.0932	-0.1066	-0.0982	-3.52E-4	-2.11E-4	-5.57E-5
	CC10	-0.1027	0.1018	-0.0967	4.58E-4	2.19E-4	6.06E-5
	CC11	-0.1057	0.1032	-0.0967	4.63E-4	2.26E-4	6.35E-5
	CC12	-0.1085	0.0092	-0.1052	6.45E-5	2.38E-4	6.80E-5
	CC13	-0.1115	0.0106	-0.1052	6.92E-5	2.45E-4	7.09E-5
	CC14	0.0402	0.1321	-0.0821	6.39E-4	-1.07E-4	-3.33E-5
	CC15	0.0311	0.1365	-0.0821	6.53E-4	-8.58E-5	-2.44E-5
	CC16	-0.0212	0.1673	-0.0842	7.65E-4	3.02E-5	4.68E-6
	CC17	-0.0303	0.1717	-0.0842	7.80E-4	5.12E-5	1.35E-5
	CC18	0.0208	-0.1764	-0.1106	-6.73E-4	-4.32E-5	-8.60E-6
	CC19	0.0117	-0.1721	-0.1107	-6.59E-4	-2.22E-5	2.29E-7
	CC20	-0.0406	-0.1413	-0.1128	-5.47E-4	9.38E-5	2.94E-5
	CC21	-0.0497	-0.1369	-0.1128	-5.33E-4	1.15E-4	3.82E-5
67	CC1	-0.0010	-0.0025	-0.1077	-2.16E-5	1.12E-5	1.76E-6
	CC2	-0.0010	-0.0025	-0.1077	-2.16E-5	1.12E-5	1.76E-6
	CC3	-0.0010	-0.0025	-0.1077	-2.16E-5	1.12E-5	1.76E-6

	CC4	-0.0010	-0.0023	-0.1037	-2.03E-5	9.88E-6	1.69E-6
	CC5	-0.0010	-0.0023	-0.1037	-2.03E-5	9.88E-6	1.69E-6
	CC6	0.0848	-0.0153	-0.0530	-3.21E-5	-1.59E-4	-6.67E-5
	CC7	0.0836	-0.0139	-0.0533	-2.74E-5	-1.56E-4	-6.38E-5
	CC8	0.0836	-0.1079	-0.0587	-4.42E-4	-1.56E-4	-5.93E-5
	CC9	0.0825	-0.1064	-0.0590	-4.37E-4	-1.54E-4	-5.64E-5
	CC10	-0.0844	0.1019	-0.1457	3.97E-4	1.73E-4	5.98E-5
	CC11	-0.0855	0.1033	-0.1461	4.02E-4	1.75E-4	6.27E-5
	CC12	-0.0855	0.0093	-0.1515	-1.22E-5	1.75E-4	6.72E-5
	CC13	-0.0866	0.0108	-0.1518	-7.52E-6	1.78E-4	7.01E-5
	CC14	0.0280	0.1323	-0.0784	5.91E-4	-4.80E-5	-3.41E-5
	CC15	0.0246	0.1366	-0.0795	6.06E-4	-4.09E-5	-2.52E-5
	CC16	-0.0227	0.1674	-0.1062	7.20E-4	5.15E-5	3.90E-6
	CC17	-0.0261	0.1718	-0.1074	7.34E-4	5.86E-5	1.27E-5
	CC18	0.0242	-0.1763	-0.0974	-7.74E-4	-3.97E-5	-9.38E-6
	CC19	0.0208	-0.1720	-0.0986	-7.60E-4	-3.26E-5	-5.55E-7
	CC20	-0.0265	-0.1412	-0.1253	-6.45E-4	5.98E-5	2.86E-5
	CC21	-0.0299	-0.1368	-0.1264	-6.31E-4	6.69E-5	3.74E-5
68	CC1	-0.0012	-0.0025	-0.1027	-2.25E-5	7.05E-6	1.39E-6
	CC2	-0.0012	-0.0025	-0.1027	-2.25E-5	7.05E-6	1.39E-6
	CC3	-0.0012	-0.0025	-0.1027	-2.25E-5	7.05E-6	1.39E-6
	CC4	-0.0011	-0.0023	-0.0993	-2.10E-5	5.89E-6	1.28E-6
	CC5	-0.0011	-0.0023	-0.0993	-2.10E-5	5.89E-6	1.28E-6
	CC6	0.0765	-0.0153	-0.0565	-2.92E-6	-2.45E-5	-6.72E-5
	CC7	0.0762	-0.0138	-0.0565	2.91E-7	-2.32E-5	-6.43E-5
	CC8	0.0782	-0.1079	-0.0637	-3.82E-4	-9.18E-5	-5.98E-5
	CC9	0.0780	-0.1064	-0.0637	-3.79E-4	-9.06E-5	-5.69E-5
	CC10	-0.0801	0.1019	-0.1328	3.38E-4	1.02E-4	5.94E-5
	CC11	-0.0804	0.1034	-0.1328	3.41E-4	1.03E-4	6.23E-5
	CC12	-0.0783	0.0094	-0.1399	-4.12E-5	3.42E-5	6.68E-5
	CC13	-0.0786	0.0108	-0.1399	-3.80E-5	3.55E-5	6.97E-5
	CC14	0.0199	0.1323	-0.0749	5.55E-4	9.70E-5	-3.45E-5
	CC15	0.0190	0.1367	-0.0749	5.65E-4	1.01E-4	-2.57E-5
	CC16	-0.0271	0.1675	-0.0978	6.57E-4	1.35E-4	3.47E-6
	CC17	-0.0280	0.1718	-0.0978	6.67E-4	1.39E-4	1.23E-5
	CC18	0.0259	-0.1763	-0.0987	-7.08E-4	-1.28E-4	-9.81E-6
	CC19	0.0250	-0.1719	-0.0987	-6.98E-4	-1.24E-4	-9.78E-7
	CC20	-0.0211	-0.1411	-0.1215	-6.06E-4	-8.98E-5	2.81E-5
	CC21	-0.0220	-0.1368	-0.1215	-5.96E-4	-8.60E-5	3.70E-5
69	CC1	-0.0050	-0.0031	-0.1056	5.54E-5	2.86E-6	1.23E-6
	CC2	-0.0050	-0.0031	-0.1056	5.54E-5	2.86E-6	1.23E-6
	CC3	-0.0050	-0.0031	-0.1056	5.54E-5	2.86E-6	1.23E-6
	CC4	-0.0047	-0.0029	-0.1007	5.22E-5	2.57E-6	1.13E-6
	CC5	-0.0047	-0.0029	-0.1007	5.22E-5	2.57E-6	1.13E-6
	CC6	0.1022	0.0096	-0.0926	1.40E-4	-2.38E-4	-6.73E-5
	CC7	0.0992	0.0099	-0.0926	1.40E-4	-2.32E-4	-6.44E-5
	CC8	0.0964	-0.0858	-0.0981	-2.71E-4	-2.18E-4	-5.99E-5
	CC9	0.0934	-0.0854	-0.0981	-2.71E-4	-2.11E-4	-5.70E-5
	CC10	-0.1025	0.0798	-0.1001	3.73E-4	2.16E-4	5.92E-5
	CC11	-0.1055	0.0801	-0.1002	3.73E-4	2.23E-4	6.21E-5
	CC12	-0.1083	-0.0156	-0.1056	-3.78E-5	2.36E-4	6.66E-5
	CC13	-0.1113	-0.0152	-0.1056	-3.74E-5	2.43E-4	6.95E-5
	CC14	0.0403	0.1450	-0.0888	7.00E-4	-1.10E-4	-3.46E-5
	CC15	0.0312	0.1461	-0.0889	7.01E-4	-8.95E-5	-2.58E-5
	CC16	-0.0210	0.1661	-0.0911	7.70E-4	2.60E-5	3.32E-6
	CC17	-0.0302	0.1671	-0.0912	7.71E-4	4.68E-5	1.21E-5
	CC18	0.0210	-0.1728	-0.1070	-6.69E-4	-4.19E-5	-9.96E-6
	CC19	0.0119	-0.1717	-0.1072	-6.68E-4	-2.10E-5	-1.13E-6
	CC20	-0.0404	-0.1517	-0.1093	-5.99E-4	9.44E-5	2.80E-5
	CC21	-0.0495	-0.1506	-0.1094	-5.98E-4	1.15E-4	3.68E-5
70	CC1	-0.0007	-0.0030	-0.1058	-2.11E-5	-1.49E-7	4.35E-7
	CC2	-0.0007	-0.0030	-0.1058	-2.11E-5	-1.49E-7	4.35E-7
	CC3	-0.0007	-0.0030	-0.1058	-2.11E-5	-1.49E-7	4.35E-7
	CC4	-0.0007	-0.0028	-0.1021	-1.98E-5	-2.55E-7	3.65E-7
	CC5	-0.0007	-0.0028	-0.1021	-1.98E-5	-2.55E-7	3.65E-7
	CC6	0.0851	0.0097	-0.0751	6.65E-5	-2.74E-4	-6.81E-5
	CC7	0.0839	0.0100	-0.0752	6.70E-5	-2.70E-4	-6.52E-5
	CC8	0.0839	-0.0857	-0.0812	-3.60E-4	-2.73E-4	-6.07E-5
	CC9	0.0828	-0.0853	-0.0813	-3.59E-4	-2.69E-4	-5.78E-5
	CC10	-0.0841	0.0799	-0.1203	3.20E-4	2.68E-4	5.84E-5
	CC11	-0.0852	0.0802	-0.1204	3.21E-4	2.72E-4	6.14E-5
	CC12	-0.0852	-0.0155	-0.1264	-1.06E-4	2.70E-4	6.59E-5

	CC13	-0.0863	-0.0151	-0.1265	-1.05E-4	2.74E-4	6.88E-5
	CC14	0.0283	0.1451	-0.0837	6.52E-4	-9.02E-5	-3.54E-5
	CC15	0.0249	0.1462	-0.0839	6.54E-4	-7.85E-5	-2.66E-5
	CC16	-0.0224	0.1662	-0.0973	7.28E-4	7.26E-5	2.57E-6
	CC17	-0.0258	0.1672	-0.0974	7.30E-4	8.43E-5	1.14E-5
	CC18	0.0245	-0.1727	-0.1042	-7.69E-4	-8.48E-5	-1.07E-5
	CC19	0.0211	-0.1716	-0.1043	-7.67E-4	-7.32E-5	-1.88E-6
	CC20	-0.0262	-0.1516	-0.1177	-6.92E-4	7.79E-5	2.72E-5
	CC21	-0.0296	-0.1506	-0.1179	-6.91E-4	8.96E-5	3.61E-5
71	CC1	-0.0010	-0.0030	-0.0968	-1.58E-5	2.64E-6	1.05E-6
	CC2	-0.0010	-0.0030	-0.0968	-1.58E-5	2.64E-6	1.05E-6
	CC3	-0.0010	-0.0030	-0.0968	-1.58E-5	2.64E-6	1.05E-6
	CC4	-0.0010	-0.0028	-0.0939	-1.47E-5	2.62E-6	9.74E-7
	CC5	-0.0010	-0.0028	-0.0939	-1.47E-5	2.62E-6	9.74E-7
	CC6	0.0766	0.0096	-0.0437	7.81E-5	-2.42E-4	-6.75E-5
	CC7	0.0763	0.0100	-0.0432	7.83E-5	-2.41E-4	-6.46E-5
	CC8	0.0784	-0.0857	-0.0814	-3.12E-4	-2.59E-4	-6.01E-5
	CC9	0.0781	-0.0854	-0.0809	-3.12E-4	-2.58E-4	-5.72E-5
	CC10	-0.0799	0.0798	-0.1049	2.83E-4	2.63E-4	5.91E-5
	CC11	-0.0802	0.0802	-0.1044	2.83E-4	2.64E-4	6.20E-5
	CC12	-0.0782	-0.0155	-0.1426	-1.07E-4	2.46E-4	6.65E-5
	CC13	-0.0784	-0.0152	-0.1421	-1.07E-4	2.47E-4	6.94E-5
	CC14	0.0200	0.1451	-0.0216	6.05E-4	-4.65E-5	-3.48E-5
	CC15	0.0191	0.1461	-0.0201	6.06E-4	-4.28E-5	-2.60E-5
	CC16	-0.0270	0.1661	-0.0400	6.67E-4	1.05E-4	3.18E-6
	CC17	-0.0278	0.1672	-0.0385	6.67E-4	1.09E-4	1.20E-5
	CC18	0.0260	-0.1727	-0.1473	-6.96E-4	-1.03E-4	-1.01E-5
	CC19	0.0251	-0.1717	-0.1458	-6.95E-4	-9.98E-5	-1.28E-6
	CC20	-0.0210	-0.1517	-0.1657	-6.34E-4	4.80E-5	2.79E-5
	CC21	-0.0218	-0.1506	-0.1641	-6.34E-4	5.17E-5	3.67E-5
72	CC1	-0.0047	-0.0025	-0.1110	5.60E-5	-6.48E-6	8.37E-7
	CC2	-0.0047	-0.0025	-0.1110	5.60E-5	-6.48E-6	8.37E-7
	CC3	-0.0047	-0.0025	-0.1110	5.60E-5	-6.48E-6	8.37E-7
	CC4	-0.0044	-0.0023	-0.1059	5.29E-5	-6.43E-6	7.25E-7
	CC5	-0.0044	-0.0023	-0.1059	5.29E-5	-6.43E-6	7.25E-7
	CC6	0.1024	0.0597	-0.0950	2.97E-4	-2.40E-4	-6.77E-5
	CC7	0.0994	0.0590	-0.0950	2.94E-4	-2.33E-4	-6.48E-5
	CC8	0.0966	-0.0383	-0.1062	-1.29E-4	-2.26E-4	-6.03E-5
	CC9	0.0936	-0.0390	-0.1062	-1.33E-4	-2.19E-4	-5.74E-5
	CC10	-0.1023	0.0345	-0.1022	2.37E-4	2.06E-4	5.88E-5
	CC11	-0.1053	0.0338	-0.1022	2.33E-4	2.13E-4	6.17E-5
	CC12	-0.1080	-0.0635	-0.1134	-1.90E-4	2.20E-4	6.62E-5
	CC13	-0.1110	-0.0642	-0.1134	-1.94E-4	2.27E-4	6.91E-5
	CC14	0.0406	0.1660	-0.0844	7.77E-4	-1.07E-4	-3.50E-5
	CC15	0.0315	0.1638	-0.0845	7.67E-4	-8.60E-5	-2.62E-5
	CC16	-0.0208	0.1584	-0.0866	7.59E-4	2.69E-5	2.91E-6
	CC17	-0.0299	0.1563	-0.0867	7.48E-4	4.77E-5	1.17E-5
	CC18	0.0213	-0.1608	-0.1218	-6.45E-4	-6.05E-5	-1.04E-5
	CC19	0.0122	-0.1629	-0.1219	-6.55E-4	-3.97E-5	-1.54E-6
	CC20	-0.0401	-0.1683	-0.1240	-6.63E-4	7.32E-5	2.76E-5
	CC21	-0.0492	-0.1705	-0.1240	-6.74E-4	9.40E-5	3.64E-5
73	CC1	-0.0001	-0.0023	-0.1070	-2.08E-5	-6.81E-6	-1.27E-6
	CC2	-0.0001	-0.0023	-0.1070	-2.08E-5	-6.81E-6	-1.27E-6
	CC3	-0.0001	-0.0023	-0.1070	-2.08E-5	-6.81E-6	-1.27E-6
	CC4	0.0000	-0.0021	-0.1032	-1.93E-5	-6.26E-6	-1.29E-6
	CC5	0.0000	-0.0021	-0.1032	-1.93E-5	-6.26E-6	-1.29E-6
	CC6	0.0856	0.0599	-0.1416	2.37E-4	-2.90E-4	-6.97E-5
	CC7	0.0845	0.0592	-0.1407	2.33E-4	-2.86E-4	-6.68E-5
	CC8	0.0845	-0.0381	-0.1471	-2.10E-4	-2.89E-4	-6.23E-5
	CC9	0.0834	-0.0388	-0.1463	-2.14E-4	-2.85E-4	-5.94E-5
	CC10	-0.0834	0.0347	-0.0575	1.76E-4	2.73E-4	5.68E-5
	CC11	-0.0845	0.0340	-0.0567	1.72E-4	2.77E-4	5.97E-5
	CC12	-0.0845	-0.0633	-0.0631	-2.71E-4	2.74E-4	6.42E-5
	CC13	-0.0856	-0.0640	-0.0623	-2.75E-4	2.78E-4	6.71E-5
	CC14	0.0289	0.1662	-0.1065	7.41E-4	-9.92E-5	-3.70E-5
	CC15	0.0255	0.1640	-0.1040	7.29E-4	-8.72E-5	-2.82E-5
	CC16	-0.0218	0.1586	-0.0813	7.22E-4	6.98E-5	9.33E-7
	CC17	-0.0252	0.1565	-0.0788	7.11E-4	8.17E-5	9.76E-6
	CC18	0.0252	-0.1606	-0.1250	-7.48E-4	-9.38E-5	-1.23E-5
	CC19	0.0218	-0.1627	-0.1226	-7.60E-4	-8.19E-5	-3.52E-6
	CC20	-0.0255	-0.1681	-0.0998	-7.66E-4	7.51E-5	2.56E-5
	CC21	-0.0289	-0.1703	-0.0974	-7.78E-4	8.70E-5	3.44E-5

74	CC1	-0.0009	-0.0022	-0.1070	-1.94E-5	-3.41E-6	-1.10E-6
	CC2	-0.0009	-0.0022	-0.1070	-1.94E-5	-3.41E-6	-1.10E-6
	CC3	-0.0009	-0.0022	-0.1070	-1.94E-5	-3.41E-6	-1.10E-6
	CC4	-0.0008	-0.0021	-0.1032	-1.73E-5	-3.17E-6	-1.07E-6
	CC5	-0.0008	-0.0021	-0.1032	-1.73E-5	-3.17E-6	-1.07E-6
	CC6	0.0767	0.0605	-0.0894	7.98E-5	-1.90E-4	-6.95E-5
	CC7	0.0764	0.0598	-0.0892	7.82E-5	-1.90E-4	-6.66E-5
	CC8	0.0785	-0.0375	-0.0956	-1.65E-4	-1.69E-4	-6.21E-5
	CC9	0.0782	-0.0382	-0.0953	-1.67E-4	-1.69E-4	-5.92E-5
	CC10	-0.0798	0.0341	-0.1086	1.34E-4	1.63E-4	5.70E-5
	CC11	-0.0801	0.0334	-0.1083	1.32E-4	1.63E-4	6.00E-5
	CC12	-0.0780	-0.0638	-0.1147	-1.11E-4	1.84E-4	6.45E-5
	CC13	-0.0783	-0.0645	-0.1145	-1.13E-4	1.84E-4	6.74E-5
	CC14	0.0201	0.1662	-0.0892	3.86E-4	-9.15E-5	-3.68E-5
	CC15	0.0192	0.1642	-0.0884	3.81E-4	-9.11E-5	-2.80E-5
	CC16	-0.0268	0.1583	-0.0949	4.03E-4	1.45E-5	1.17E-6
	CC17	-0.0277	0.1563	-0.0942	3.98E-4	1.48E-5	1.00E-5
	CC18	0.0261	-0.1603	-0.1097	-4.31E-4	-2.10E-5	-1.21E-5
	CC19	0.0252	-0.1623	-0.1090	-4.36E-4	-2.06E-5	-3.28E-6
	CC20	-0.0209	-0.1682	-0.1155	-4.15E-4	8.50E-5	2.58E-5
	CC21	-0.0217	-0.1702	-0.1147	-4.20E-4	8.53E-5	3.47E-5
75	CC1	-0.0043	-0.0024	-0.1248	5.75E-5	-1.49E-5	5.53E-7
	CC2	-0.0043	-0.0024	-0.1248	5.75E-5	-1.49E-5	5.53E-7
	CC3	-0.0043	-0.0024	-0.1248	5.75E-5	-1.49E-5	5.53E-7
	CC4	-0.0040	-0.0021	-0.1192	5.45E-5	-1.46E-5	5.81E-7
	CC5	-0.0040	-0.0021	-0.1192	5.45E-5	-1.46E-5	5.81E-7
	CC6	0.1028	0.0622	-0.1036	3.33E-4	-2.40E-4	-6.78E-5
	CC7	0.0998	0.0604	-0.1037	3.27E-4	-2.34E-4	-6.49E-5
	CC8	0.0970	-0.0386	-0.1172	-9.42E-5	-2.31E-4	-6.04E-5
	CC9	0.0940	-0.0403	-0.1173	-1.01E-4	-2.24E-4	-5.75E-5
	CC10	-0.1019	0.0362	-0.1175	2.08E-4	1.95E-4	5.87E-5
	CC11	-0.1049	0.0344	-0.1175	2.01E-4	2.02E-4	6.16E-5
	CC12	-0.1077	-0.0645	-0.1311	-2.20E-4	2.05E-4	6.61E-5
	CC13	-0.1107	-0.0663	-0.1311	-2.26E-4	2.11E-4	6.90E-5
	CC14	0.0410	0.1724	-0.0926	7.94E-4	-1.05E-4	-3.51E-5
	CC15	0.0319	0.1670	-0.0927	7.75E-4	-8.56E-5	-2.63E-5
	CC16	-0.0204	0.1646	-0.0967	7.56E-4	2.57E-5	2.82E-6
	CC17	-0.0295	0.1592	-0.0969	7.37E-4	4.50E-5	1.16E-5
	CC18	0.0216	-0.1633	-0.1379	-6.30E-4	-7.41E-5	-1.05E-5
	CC19	0.0125	-0.1687	-0.1381	-6.50E-4	-5.47E-5	-1.63E-6
	CC20	-0.0397	-0.1711	-0.1420	-6.68E-4	5.66E-5	2.75E-5
	CC21	-0.0488	-0.1765	-0.1422	-6.87E-4	7.59E-5	3.63E-5
76	CC1	-0.0001	-0.0023	-0.1215	-6.10E-5	-1.19E-5	2.12E-7
	CC2	-0.0001	-0.0023	-0.1215	-6.10E-5	-1.19E-5	2.12E-7
	CC3	-0.0001	-0.0023	-0.1215	-6.10E-5	-1.19E-5	2.12E-7
	CC4	0.0000	-0.0021	-0.1165	-5.67E-5	-1.13E-5	1.88E-7
	CC5	0.0000	-0.0021	-0.1165	-5.67E-5	-1.13E-5	1.88E-7
	CC6	0.0857	0.0622	-0.1313	2.10E-4	-1.70E-4	-6.82E-5
	CC7	0.0846	0.0605	-0.1312	2.03E-4	-1.68E-4	-6.53E-5
	CC8	0.0846	-0.0385	-0.1363	-1.92E-4	-1.75E-4	-6.08E-5
	CC9	0.0834	-0.0402	-0.1362	-2.00E-4	-1.73E-4	-5.79E-5
	CC10	-0.0834	0.0363	-0.0936	8.90E-5	1.50E-4	5.83E-5
	CC11	-0.0845	0.0345	-0.0935	8.17E-5	1.52E-4	6.12E-5
	CC12	-0.0846	-0.0644	-0.0985	-3.14E-4	1.45E-4	6.57E-5
	CC13	-0.0857	-0.0662	-0.0984	-3.21E-4	1.47E-4	6.86E-5
	CC14	0.0290	0.1724	-0.1125	6.45E-4	-5.36E-5	-3.56E-5
	CC15	0.0256	0.1671	-0.1121	6.23E-4	-4.82E-5	-2.67E-5
	CC16	-0.0218	0.1646	-0.1012	6.08E-4	4.24E-5	2.41E-6
	CC17	-0.0252	0.1593	-0.1008	5.87E-4	4.78E-5	1.12E-5
	CC18	0.0252	-0.1633	-0.1290	-6.97E-4	-7.01E-5	-1.09E-5
	CC19	0.0218	-0.1686	-0.1286	-7.19E-4	-6.47E-5	-2.05E-6
	CC20	-0.0256	-0.1711	-0.1176	-7.34E-4	2.59E-5	2.71E-5
	CC21	-0.0290	-0.1764	-0.1173	-7.55E-4	3.13E-5	3.59E-5
77	CC1	-0.0005	-0.0023	-0.0973	-2.89E-5	-5.17E-7	2.02E-6
	CC2	-0.0005	-0.0023	-0.0973	-2.89E-5	-5.17E-7	2.02E-6
	CC3	-0.0005	-0.0023	-0.0973	-2.89E-5	-5.17E-7	2.02E-6
	CC4	-0.0004	-0.0021	-0.0943	-2.69E-5	-5.66E-7	1.93E-6
	CC5	-0.0004	-0.0021	-0.0943	-2.69E-5	-5.66E-7	1.93E-6
	CC6	0.0771	0.0622	-0.0907	1.43E-4	-2.79E-4	-6.65E-5
	CC7	0.0768	0.0604	-0.0910	1.39E-4	-2.78E-4	-6.36E-5
	CC8	0.0789	-0.0386	-0.1060	-8.28E-5	-2.76E-4	-5.91E-5
	CC9	0.0786	-0.0403	-0.1063	-8.66E-5	-2.75E-4	-5.62E-5

	CC10	-0.0794	0.0362	-0.0803	3.40E-5	2.73E-4	6.00E-5
	CC11	-0.0797	0.0344	-0.0806	3.02E-5	2.74E-4	6.29E-5
	CC12	-0.0776	-0.0645	-0.0956	-1.92E-4	2.77E-4	6.74E-5
	CC13	-0.0779	-0.0663	-0.0959	-1.96E-4	2.78E-4	7.03E-5
	CC14	0.0205	0.1724	-0.0689	3.73E-4	-9.08E-5	-3.38E-5
	CC15	0.0197	0.1670	-0.0699	3.61E-4	-8.79E-5	-2.50E-5
	CC16	-0.0264	0.1646	-0.0658	3.40E-4	7.49E-5	4.12E-6
	CC17	-0.0273	0.1592	-0.0668	3.28E-4	7.78E-5	1.30E-5
	CC18	0.0265	-0.1633	-0.1198	-3.81E-4	-7.90E-5	-9.16E-6
	CC19	0.0257	-0.1687	-0.1208	-3.92E-4	-7.61E-5	-3.29E-7
	CC20	-0.0204	-0.1711	-0.1167	-4.14E-4	8.67E-5	2.88E-5
	CC21	-0.0213	-0.1765	-0.1177	-4.25E-4	8.97E-5	3.76E-5
78	CC1	0.0005	-0.0013	-0.0939	9.53E-6	-5.27E-6	1.97E-6
	CC2	0.0005	-0.0013	-0.0939	9.53E-6	-5.27E-6	1.97E-6
	CC3	0.0005	-0.0013	-0.0939	9.53E-6	-5.27E-6	1.97E-6
	CC4	0.0005	-0.0011	-0.0912	9.78E-6	-5.31E-6	1.94E-6
	CC5	0.0005	-0.0011	-0.0912	9.78E-6	-5.31E-6	1.94E-6
	CC6	0.0707	0.0614	-0.1285	2.27E-4	-2.48E-4	-6.65E-5
	CC7	0.0715	0.0597	-0.1284	2.25E-4	-2.51E-4	-6.36E-5
	CC8	0.0748	-0.0390	-0.1024	1.03E-5	-2.71E-4	-5.91E-5
	CC9	0.0755	-0.0407	-0.1022	7.57E-6	-2.73E-4	-5.62E-5
	CC10	-0.0745	0.0386	-0.0785	1.22E-5	2.63E-4	6.00E-5
	CC11	-0.0738	0.0370	-0.0783	9.44E-6	2.60E-4	6.29E-5
	CC12	-0.0704	-0.0618	-0.0523	-2.05E-4	2.40E-4	6.74E-5
	CC13	-0.0697	-0.0634	-0.0521	-2.08E-4	2.38E-4	7.04E-5
	CC14	0.0145	0.1722	-0.1417	4.08E-4	-4.11E-5	-3.38E-5
	CC15	0.0166	0.1672	-0.1413	4.00E-4	-4.83E-5	-2.50E-5
	CC16	-0.0291	0.1654	-0.1267	3.43E-4	1.12E-4	4.16E-6
	CC17	-0.0269	0.1604	-0.1262	3.35E-4	1.05E-4	1.30E-5
	CC18	0.0280	-0.1625	-0.0545	-3.15E-4	-1.16E-4	-9.12E-6
	CC19	0.0301	-0.1674	-0.0540	-3.24E-4	-1.23E-4	-2.92E-7
	CC20	-0.0156	-0.1693	-0.0394	-3.80E-4	3.77E-5	2.88E-5
	CC21	-0.0135	-0.1743	-0.0390	-3.88E-4	3.05E-5	3.77E-5
79	CC1	-0.0037	-0.0023	-0.1366	3.51E-5	-1.62E-7	4.86E-6
	CC2	-0.0037	-0.0023	-0.1366	3.51E-5	-1.62E-7	4.86E-6
	CC3	-0.0037	-0.0023	-0.1366	3.51E-5	-1.62E-7	4.86E-6
	CC4	-0.0035	-0.0021	-0.1308	3.56E-5	-4.30E-7	4.67E-6
	CC5	-0.0035	-0.0021	-0.1308	3.56E-5	-4.30E-7	4.67E-6
	CC6	0.1033	0.0867	-0.1000	1.39E-4	-3.36E-4	-6.38E-5
	CC7	0.1003	0.0839	-0.1004	1.36E-4	-3.26E-4	-6.09E-5
	CC8	0.0975	-0.0167	-0.1258	3.04E-5	-3.13E-4	-5.64E-5
	CC9	0.0945	-0.0196	-0.1263	2.81E-5	-3.03E-4	-5.35E-5
	CC10	-0.1013	0.0154	-0.1316	4.35E-5	3.02E-4	6.27E-5
	CC11	-0.1043	0.0126	-0.1320	4.12E-5	3.12E-4	6.56E-5
	CC12	-0.1071	-0.0881	-0.1575	-6.46E-5	3.25E-4	7.01E-5
	CC13	-0.1101	-0.0909	-0.1579	-6.70E-5	3.35E-4	7.30E-5
	CC14	0.0415	0.1854	-0.0804	2.34E-4	-1.49E-4	-3.11E-5
	CC15	0.0324	0.1767	-0.0817	2.27E-4	-1.20E-4	-2.23E-5
	CC16	-0.0199	0.1640	-0.0899	2.05E-4	4.26E-5	6.83E-6
	CC17	-0.0290	0.1553	-0.0911	1.98E-4	7.18E-5	1.57E-5
	CC18	0.0222	-0.1595	-0.1667	-1.27E-4	-7.28E-5	-6.45E-6
	CC19	0.0131	-0.1681	-0.1679	-1.34E-4	-4.37E-5	2.38E-6
	CC20	-0.0392	-0.1809	-0.1762	-1.55E-4	1.19E-4	3.15E-5
	CC21	-0.0483	-0.1896	-0.1774	-1.62E-4	1.48E-4	4.03E-5
80	CC1	0.0007	-0.0022	-0.1263	-2.97E-5	-1.91E-6	9.77E-7
	CC2	0.0007	-0.0022	-0.1263	-2.97E-5	-1.91E-6	9.77E-7
	CC3	0.0007	-0.0022	-0.1263	-2.97E-5	-1.91E-6	9.77E-7
	CC4	0.0007	-0.0020	-0.1215	-2.79E-5	-2.08E-6	9.25E-7
	CC5	0.0007	-0.0020	-0.1215	-2.79E-5	-2.08E-6	9.25E-7
	CC6	0.0864	0.0872	-0.1252	2.14E-4	-3.13E-4	-6.75E-5
	CC7	0.0853	0.0843	-0.1255	2.07E-4	-3.09E-4	-6.46E-5
	CC8	0.0853	-0.0163	-0.1375	-6.79E-5	-3.11E-4	-6.01E-5
	CC9	0.0842	-0.0192	-0.1378	-7.52E-5	-3.06E-4	-5.72E-5
	CC10	-0.0827	0.0152	-0.1019	2.05E-5	3.02E-4	5.90E-5
	CC11	-0.0838	0.0124	-0.1022	1.32E-5	3.06E-4	6.19E-5
	CC12	-0.0838	-0.0883	-0.1142	-2.61E-4	3.05E-4	6.64E-5
	CC13	-0.0849	-0.0911	-0.1145	-2.69E-4	3.09E-4	6.93E-5
	CC14	0.0297	0.1857	-0.1024	4.83E-4	-1.06E-4	-3.48E-5
	CC15	0.0263	0.1770	-0.1034	4.60E-4	-9.24E-5	-2.60E-5
	CC16	-0.0210	0.1641	-0.0954	4.25E-4	7.91E-5	3.13E-6
	CC17	-0.0244	0.1554	-0.0964	4.02E-4	9.23E-5	1.20E-5
	CC18	0.0259	-0.1593	-0.1434	-4.57E-4	-9.65E-5	-1.01E-5

	CC19	0.0225	-0.1680	-0.1443	-4.79E-4	-8.33E-5	-1.32E-6
	CC20	-0.0248	-0.1809	-0.1364	-5.15E-4	8.82E-5	2.78E-5
	CC21	-0.0282	-0.1896	-0.1373	-5.37E-4	1.01E-4	3.66E-5
81	CC1	0.0004	-0.0021	-0.1208	-2.04E-5	-7.17E-6	-1.19E-6
	CC2	0.0004	-0.0021	-0.1208	-2.04E-5	-7.17E-6	-1.19E-6
	CC3	0.0004	-0.0021	-0.1208	-2.04E-5	-7.17E-6	-1.19E-6
	CC4	0.0004	-0.0019	-0.1167	-1.71E-5	-7.58E-6	-1.16E-6
	CC5	0.0004	-0.0019	-0.1167	-1.71E-5	-7.58E-6	-1.16E-6
	CC6	0.0779	0.0870	-0.1288	-4.28E-5	-1.72E-4	-6.96E-5
	CC7	0.0776	0.0841	-0.1287	-4.33E-5	-1.71E-4	-6.67E-5
	CC8	0.0797	-0.0165	-0.1216	-5.57E-5	-1.69E-4	-6.22E-5
	CC9	0.0794	-0.0194	-0.1214	-5.61E-5	-1.68E-4	-5.93E-5
	CC10	-0.0786	0.0156	-0.1092	2.42E-5	1.52E-4	5.70E-5
	CC11	-0.0789	0.0128	-0.1091	2.37E-5	1.53E-4	5.99E-5
	CC12	-0.0768	-0.0879	-0.1020	1.14E-5	1.56E-4	6.44E-5
	CC13	-0.0771	-0.0907	-0.1018	1.09E-5	1.57E-4	6.73E-5
	CC14	0.0213	0.1856	-0.1306	-3.91E-6	-6.31E-5	-3.69E-5
	CC15	0.0205	0.1770	-0.1301	-5.36E-6	-6.06E-5	-2.81E-5
	CC16	-0.0256	0.1642	-0.1247	1.62E-5	3.42E-5	1.08E-6
	CC17	-0.0265	0.1555	-0.1242	1.48E-5	3.67E-5	9.91E-6
	CC18	0.0273	-0.1593	-0.1064	-4.67E-5	-5.22E-5	-1.22E-5
	CC19	0.0264	-0.1679	-0.1060	-4.81E-5	-4.96E-5	-3.37E-6
	CC20	-0.0196	-0.1807	-0.1006	-2.66E-5	4.52E-5	2.58E-5
	CC21	-0.0205	-0.1893	-0.1001	-2.80E-5	4.77E-5	3.46E-5
82	CC1	0.0004	-0.0019	-0.1096	-3.30E-5	-6.62E-6	-2.32E-7
	CC2	0.0004	-0.0019	-0.1096	-3.30E-5	-6.62E-6	-2.32E-7
	CC3	0.0004	-0.0019	-0.1096	-3.30E-5	-6.62E-6	-2.32E-7
	CC4	0.0004	-0.0018	-0.1068	-3.00E-5	-6.87E-6	-1.22E-7
	CC5	0.0004	-0.0018	-0.1068	-3.00E-5	-6.87E-6	-1.22E-7
	CC6	0.0706	0.0871	-0.1051	1.80E-4	-1.75E-4	-6.85E-5
	CC7	0.0714	0.0842	-0.1042	1.73E-4	-1.76E-4	-6.56E-5
	CC8	0.0747	-0.0164	-0.0753	-4.95E-5	-1.92E-4	-6.11E-5
	CC9	0.0754	-0.0193	-0.0745	-5.56E-5	-1.93E-4	-5.82E-5
	CC10	-0.0746	0.0157	-0.1374	-2.30E-6	1.80E-4	5.80E-5
	CC11	-0.0739	0.0129	-0.1365	-8.45E-6	1.78E-4	6.09E-5
	CC12	-0.0705	-0.0878	-0.1076	-2.31E-4	1.62E-4	6.54E-5
	CC13	-0.0698	-0.0906	-0.1067	-2.38E-4	1.61E-4	6.83E-5
	CC14	0.0144	0.1857	-0.1520	3.89E-4	-2.90E-5	-3.58E-5
	CC15	0.0165	0.1771	-0.1493	3.71E-4	-3.35E-5	-2.70E-5
	CC16	-0.0292	0.1643	-0.1617	3.35E-4	7.73E-5	2.14E-6
	CC17	-0.0270	0.1557	-0.1590	3.16E-4	7.27E-5	1.10E-5
	CC18	0.0278	-0.1592	-0.0528	-3.74E-4	-8.67E-5	-1.11E-5
	CC19	0.0300	-0.1678	-0.0502	-3.93E-4	-9.12E-5	-2.31E-6
	CC20	-0.0157	-0.1806	-0.0625	-4.29E-4	1.96E-5	2.68E-5
	CC21	-0.0136	-0.1892	-0.0598	-4.47E-4	1.50E-5	3.56E-5
83	CC1	-0.0029	-0.0018	-0.1353	5.42E-5	-4.97E-6	1.79E-7
	CC2	-0.0029	-0.0018	-0.1353	5.42E-5	-4.97E-6	1.79E-7
	CC3	-0.0029	-0.0018	-0.1353	5.42E-5	-4.97E-6	1.79E-7
	CC4	-0.0027	-0.0017	-0.1296	5.13E-5	-5.25E-6	1.54E-7
	CC5	-0.0027	-0.0017	-0.1296	5.13E-5	-5.25E-6	1.54E-7
	CC6	0.1040	0.1111	-0.1321	5.22E-4	-2.31E-4	-6.83E-5
	CC7	0.1010	0.1072	-0.1326	5.06E-4	-2.26E-4	-6.54E-5
	CC8	0.0983	0.0050	-0.1570	6.74E-5	-2.23E-4	-6.09E-5
	CC9	0.0953	0.0011	-0.1575	5.19E-5	-2.17E-4	-5.80E-5
	CC10	-0.1006	-0.0044	-0.0979	4.88E-5	2.07E-4	5.83E-5
	CC11	-0.1036	-0.0083	-0.0985	3.33E-5	2.12E-4	6.12E-5
	CC12	-0.1064	-0.1105	-0.1229	-4.06E-4	2.15E-4	6.57E-5
	CC13	-0.1094	-0.1144	-0.1234	-4.21E-4	2.21E-4	6.86E-5
	CC14	0.0422	0.1984	-0.0905	9.02E-4	-9.35E-5	-3.56E-5
	CC15	0.0331	0.1866	-0.0921	8.55E-4	-7.65E-5	-2.68E-5
	CC16	-0.0192	0.1638	-0.0802	7.60E-4	3.80E-5	2.37E-6
	CC17	-0.0283	0.1520	-0.0819	7.13E-4	5.50E-5	1.12E-5
	CC18	0.0229	-0.1553	-0.1736	-6.12E-4	-6.57E-5	-1.09E-5
	CC19	0.0138	-0.1671	-0.1752	-6.59E-4	-4.87E-5	-2.08E-6
	CC20	-0.0385	-0.1899	-0.1634	-7.54E-4	6.58E-5	2.70E-5
	CC21	-0.0476	-0.2017	-0.1650	-8.01E-4	8.28E-5	3.59E-5
84	CC1	0.0018	-0.0016	-0.1309	-4.99E-5	1.71E-5	7.28E-7
	CC2	0.0018	-0.0016	-0.1309	-4.99E-5	1.71E-5	7.28E-7
	CC3	0.0018	-0.0016	-0.1309	-4.99E-5	1.71E-5	7.28E-7
	CC4	0.0018	-0.0015	-0.1258	-4.66E-5	1.36E-5	6.06E-7
	CC5	0.0018	-0.0015	-0.1258	-4.66E-5	1.36E-5	6.06E-7
	CC6	0.0874	0.1116	-0.1036	3.91E-4	-1.12E-5	-6.79E-5

	CC7	0.0863	0.1077	-0.1042	3.77E-4	-1.37E-5	-6.49E-5
	CC8	0.0863	0.0054	-0.1156	-1.81E-5	-7.87E-5	-6.05E-5
	CC9	0.0852	0.0015	-0.1162	-3.28E-5	-8.13E-5	-5.75E-5
	CC10	-0.0817	-0.0045	-0.1319	-5.81E-5	1.06E-4	5.87E-5
	CC11	-0.0828	-0.0084	-0.1325	-7.27E-5	1.04E-4	6.16E-5
	CC12	-0.0828	-0.1106	-0.1439	-4.68E-4	3.87E-5	6.61E-5
	CC13	-0.0839	-0.1145	-0.1445	-4.82E-4	3.61E-5	6.90E-5
	CC14	0.0307	0.1988	-0.0990	7.27E-4	1.11E-4	-3.52E-5
	CC15	0.0273	0.1869	-0.1007	6.82E-4	1.04E-4	-2.63E-5
	CC16	-0.0200	0.1640	-0.1074	5.92E-4	1.47E-4	2.79E-6
	CC17	-0.0234	0.1521	-0.1092	5.47E-4	1.39E-4	1.16E-5
	CC18	0.0269	-0.1551	-0.1389	-6.38E-4	-1.14E-4	-1.05E-5
	CC19	0.0235	-0.1669	-0.1407	-6.83E-4	-1.22E-4	-1.66E-6
	CC20	-0.0238	-0.1899	-0.1474	-7.73E-4	-7.87E-5	2.75E-5
	CC21	-0.0272	-0.2017	-0.1492	-8.18E-4	-8.64E-5	3.63E-5
85	CC1	0.0013	-0.0017	-0.1191	-1.46E-5	-1.88E-6	-6.75E-7
	CC2	0.0013	-0.0017	-0.1191	-1.46E-5	-1.88E-6	-6.75E-7
	CC3	0.0013	-0.0017	-0.1191	-1.46E-5	-1.88E-6	-6.75E-7
	CC4	0.0013	-0.0016	-0.1155	-1.21E-5	-2.13E-6	-6.28E-7
	CC5	0.0013	-0.0016	-0.1155	-1.21E-5	-2.13E-6	-6.28E-7
	CC6	0.0788	0.1084	-0.1226	1.84E-4	-3.00E-4	-6.90E-5
	CC7	0.0785	0.1046	-0.1229	1.78E-4	-2.99E-4	-6.61E-5
	CC8	0.0806	0.0026	-0.1268	-1.16E-5	-3.22E-4	-6.16E-5
	CC9	0.0803	-0.0012	-0.1270	-1.73E-5	-3.21E-4	-5.87E-5
	CC10	-0.0777	-0.0019	-0.1015	-5.13E-6	3.17E-4	5.75E-5
	CC11	-0.0780	-0.0056	-0.1017	-1.08E-5	3.18E-4	6.04E-5
	CC12	-0.0759	-0.1077	-0.1057	-2.01E-4	2.95E-4	6.49E-5
	CC13	-0.0762	-0.1115	-0.1059	-2.06E-4	2.96E-4	6.78E-5
	CC14	0.0222	0.1971	-0.1101	3.51E-4	-6.01E-5	-3.63E-5
	CC15	0.0213	0.1857	-0.1108	3.34E-4	-5.70E-5	-2.75E-5
	CC16	-0.0248	0.1640	-0.1038	2.95E-4	1.25E-4	1.61E-6
	CC17	-0.0256	0.1526	-0.1045	2.77E-4	1.28E-4	1.04E-5
	CC18	0.0282	-0.1556	-0.1240	-3.00E-4	-1.33E-4	-1.17E-5
	CC19	0.0273	-0.1670	-0.1247	-3.17E-4	-1.29E-4	-2.84E-6
	CC20	-0.0188	-0.1887	-0.1177	-3.57E-4	5.26E-5	2.63E-5
	CC21	-0.0196	-0.2001	-0.1184	-3.74E-4	5.57E-5	3.51E-5
86	CC1	0.0010	-0.0016	-0.1106	-3.00E-5	-1.67E-6	-5.00E-7
	CC2	0.0010	-0.0016	-0.1106	-3.00E-5	-1.67E-6	-5.00E-7
	CC3	0.0010	-0.0016	-0.1106	-3.00E-5	-1.67E-6	-5.00E-7
	CC4	0.0010	-0.0015	-0.1079	-2.76E-5	-1.93E-6	-4.59E-7
	CC5	0.0010	-0.0015	-0.1079	-2.76E-5	-1.93E-6	-4.59E-7
	CC6	0.0712	0.1110	-0.1683	1.72E-4	-2.27E-4	-6.89E-5
	CC7	0.0719	0.1071	-0.1679	1.67E-4	-2.29E-4	-6.60E-5
	CC8	0.0753	0.0049	-0.1443	-2.35E-5	-2.52E-4	-6.15E-5
	CC9	0.0760	0.0010	-0.1439	-2.92E-5	-2.54E-4	-5.86E-5
	CC10	-0.0740	-0.0039	-0.0701	-2.43E-5	2.50E-4	5.77E-5
	CC11	-0.0733	-0.0078	-0.0698	-3.01E-5	2.48E-4	6.06E-5
	CC12	-0.0700	-0.1100	-0.0461	-2.20E-4	2.25E-4	6.51E-5
	CC13	-0.0693	-0.1139	-0.0458	-2.26E-4	2.23E-4	6.80E-5
	CC14	0.0150	0.1985	-0.1623	3.38E-4	-2.80E-5	-3.62E-5
	CC15	0.0171	0.1867	-0.1612	3.20E-4	-3.48E-5	-2.73E-5
	CC16	-0.0286	0.1640	-0.1329	2.79E-4	1.15E-4	1.78E-6
	CC17	-0.0265	0.1522	-0.1318	2.61E-4	1.08E-4	1.06E-5
	CC18	0.0284	-0.1551	-0.0823	-3.15E-4	-1.12E-4	-1.15E-5
	CC19	0.0306	-0.1669	-0.0812	-3.32E-4	-1.19E-4	-2.67E-6
	CC20	-0.0151	-0.1896	-0.0528	-3.74E-4	3.08E-5	2.65E-5
	CC21	-0.0130	-0.2014	-0.0518	-3.91E-4	2.39E-5	3.53E-5
87	CC1	0.0026	-0.0020	-0.1126	6.49E-6	3.70E-5	-1.84E-6
	CC2	0.0026	-0.0020	-0.1126	6.49E-6	3.70E-5	-1.84E-6
	CC3	0.0026	-0.0020	-0.1126	6.49E-6	3.70E-5	-1.84E-6
	CC4	0.0025	-0.0018	-0.1098	7.19E-6	3.39E-5	-1.80E-6
	CC5	0.0025	-0.0018	-0.1098	7.19E-6	3.39E-5	-1.80E-6
	CC6	0.0800	0.1293	-0.1337	1.63E-4	-1.34E-4	-7.02E-5
	CC7	0.0797	0.1246	-0.1329	1.58E-4	-1.29E-4	-6.73E-5
	CC8	0.0818	0.0212	-0.1120	3.16E-5	-5.22E-6	-6.28E-5
	CC9	0.0815	0.0165	-0.1112	2.68E-5	5.21E-7	-5.99E-5
	CC10	-0.0765	-0.0200	-0.1066	-1.20E-5	6.52E-5	5.63E-5
	CC11	-0.0768	-0.0247	-0.1058	-1.68E-5	7.10E-5	5.92E-5
	CC12	-0.0747	-0.1282	-0.0849	-1.43E-4	1.94E-4	6.37E-5
	CC13	-0.0750	-0.1329	-0.0841	-1.48E-4	2.00E-4	6.66E-5
	CC14	0.0234	0.2079	-0.1502	2.59E-4	-2.21E-4	-3.75E-5
	CC15	0.0225	0.1938	-0.1478	2.45E-4	-2.03E-4	-2.87E-5

	CC16	-0.0235	0.1631	-0.1421	2.07E-4	-1.61E-4	4.35E-7
	CC17	-0.0244	0.1489	-0.1397	1.92E-4	-1.44E-4	9.26E-6
	CC18	0.0294	-0.1525	-0.0781	-1.77E-4	2.09E-4	-1.28E-5
	CC19	0.0285	-0.1667	-0.0757	-1.92E-4	2.27E-4	-4.02E-6
	CC20	-0.0176	-0.1973	-0.0700	-2.30E-4	2.69E-4	2.51E-5
	CC21	-0.0184	-0.2115	-0.0676	-2.44E-4	2.87E-4	3.39E-5
88	CC1	0.0012	-0.0020	-0.1104	-2.13E-5	2.22E-5	-2.04E-6
	CC2	0.0012	-0.0020	-0.1104	-2.13E-5	2.22E-5	-2.04E-6
	CC3	0.0012	-0.0020	-0.1104	-2.13E-5	2.22E-5	-2.04E-6
	CC4	0.0012	-0.0019	-0.1080	-2.02E-5	2.11E-5	-1.98E-6
	CC5	0.0012	-0.0019	-0.1080	-2.02E-5	2.11E-5	-1.98E-6
	CC6	0.0715	0.1293	-0.1627	8.66E-5	6.86E-5	-7.04E-5
	CC7	0.0722	0.1246	-0.1615	8.49E-5	7.19E-5	-6.75E-5
	CC8	0.0755	0.0211	-0.1245	1.84E-5	1.25E-4	-6.30E-5
	CC9	0.0762	0.0164	-0.1233	1.67E-5	1.29E-4	-6.01E-5
	CC10	-0.0738	-0.0201	-0.0910	-5.63E-5	-8.73E-5	5.61E-5
	CC11	-0.0730	-0.0248	-0.0898	-5.81E-5	-8.41E-5	5.91E-5
	CC12	-0.0697	-0.1282	-0.0528	-1.25E-4	-3.05E-5	6.35E-5
	CC13	-0.0690	-0.1329	-0.0516	-1.26E-4	-2.73E-5	6.65E-5
	CC14	0.0152	0.2079	-0.1835	1.18E-4	-5.55E-5	-3.77E-5
	CC15	0.0174	0.1937	-0.1798	1.13E-4	-4.57E-5	-2.89E-5
	CC16	-0.0284	0.1631	-0.1620	7.50E-5	-1.02E-4	2.62E-7
	CC17	-0.0262	0.1489	-0.1583	6.97E-5	-9.25E-5	9.09E-6
	CC18	0.0287	-0.1525	-0.0560	-1.09E-4	1.34E-4	-1.30E-6
	CC19	0.0308	-0.1667	-0.0523	-1.15E-4	1.44E-4	-4.19E-6
	CC20	-0.0149	-0.1973	-0.0345	-1.52E-4	8.71E-5	2.49E-5
	CC21	-0.0127	-0.2115	-0.0308	-1.57E-4	9.69E-5	3.38E-5
89	CC1	-0.0016	-0.0023	-0.1251	9.18E-6	1.79E-5	4.66E-6
	CC2	-0.0016	-0.0023	-0.1251	9.18E-6	1.79E-5	4.66E-6
	CC3	-0.0016	-0.0023	-0.1251	9.18E-6	1.79E-5	4.66E-6
	CC4	-0.0015	-0.0021	-0.1214	1.03E-5	1.64E-5	4.48E-6
	CC5	-0.0015	-0.0021	-0.1214	1.03E-5	1.64E-5	4.48E-6
	CC6	0.1052	0.1401	-0.1342	4.54E-4	-4.03E-4	-6.40E-5
	CC7	0.1022	0.1349	-0.1359	4.39E-4	-3.91E-4	-6.11E-5
	CC8	0.0994	0.0307	-0.1880	8.96E-5	-3.78E-4	-5.66E-5
	CC9	0.0964	0.0256	-0.1897	7.43E-5	-3.66E-4	-5.37E-5
	CC10	-0.0994	-0.0297	-0.0506	-5.31E-5	3.98E-4	6.25E-5
	CC11	-0.1024	-0.0348	-0.0522	-6.84E-5	4.10E-4	6.54E-5
	CC12	-0.1052	-0.1390	-0.1044	-4.18E-4	4.23E-4	6.99E-5
	CC13	-0.1082	-0.1441	-0.1060	-4.33E-4	4.34E-4	7.28E-5
	CC14	0.0434	0.2135	-0.0405	7.18E-4	-1.63E-4	-3.13E-5
	CC15	0.0343	0.1978	-0.0455	6.71E-4	-1.27E-4	-2.25E-5
	CC16	-0.0180	0.1625	-0.0154	5.65E-4	7.68E-5	6.65E-6
	CC17	-0.0271	0.1469	-0.0204	5.19E-4	1.13E-4	1.55E-5
	CC18	0.0241	-0.1510	-0.2199	-4.98E-4	-8.10E-5	-6.63E-6
	CC19	0.0150	-0.1666	-0.2249	-5.44E-4	-4.51E-5	2.20E-6
	CC20	-0.0373	-0.2019	-0.1948	-6.50E-4	1.59E-4	3.13E-5
	CC21	-0.0464	-0.2175	-0.1998	-6.96E-4	1.95E-4	4.02E-5
90	CC1	0.0025	-0.0021	-0.1108	-2.23E-5	1.57E-5	1.45E-6
	CC2	0.0025	-0.0021	-0.1108	-2.23E-5	1.57E-5	1.45E-6
	CC3	0.0025	-0.0021	-0.1108	-2.23E-5	1.57E-5	1.45E-6
	CC4	0.0024	-0.0019	-0.1082	-2.12E-5	1.39E-5	1.38E-6
	CC5	0.0024	-0.0019	-0.1082	-2.12E-5	1.39E-5	1.38E-6
	CC6	0.0880	0.1399	-0.1245	4.07E-4	-2.54E-4	-6.71E-5
	CC7	0.0869	0.1348	-0.1265	3.92E-4	-2.51E-4	-6.41E-5
	CC8	0.0869	0.0306	-0.1694	6.12E-5	-2.63E-4	-5.97E-5
	CC9	0.0858	0.0255	-0.1715	4.65E-5	-2.60E-4	-5.67E-5
	CC10	-0.0809	-0.0292	-0.0432	-8.81E-5	2.87E-4	5.95E-5
	CC11	-0.0821	-0.0344	-0.0452	-1.03E-4	2.90E-4	6.24E-5
	CC12	-0.0821	-0.1385	-0.0881	-4.34E-4	2.78E-4	6.69E-5
	CC13	-0.0832	-0.1436	-0.0902	-4.48E-4	2.81E-4	6.98E-5
	CC14	0.0313	0.2134	-0.0416	6.52E-4	-5.79E-5	-3.44E-5
	CC15	0.0279	0.1978	-0.0477	6.07E-4	-4.75E-5	-2.55E-5
	CC16	-0.0194	0.1627	-0.0172	5.03E-4	1.04E-4	3.59E-6
	CC17	-0.0227	0.1471	-0.0233	4.59E-4	1.15E-4	1.24E-5
	CC18	0.0276	-0.1509	-0.1913	-5.00E-4	-8.82E-5	-9.70E-6
	CC19	0.0242	-0.1665	-0.1975	-5.45E-4	-7.77E-5	-8.65E-7
	CC20	-0.0231	-0.2016	-0.1669	-6.49E-4	7.41E-5	2.83E-5
	CC21	-0.0265	-0.2172	-0.1731	-6.93E-4	8.46E-5	3.71E-5
91	CC1	0.0025	-0.0018	-0.1083	-2.98E-6	5.26E-6	-1.04E-6
	CC2	0.0025	-0.0018	-0.1083	-2.98E-6	5.26E-6	-1.04E-6
	CC3	0.0025	-0.0018	-0.1083	-2.98E-6	5.26E-6	-1.04E-6

	CC4	0.0024	-0.0016	-0.1059	-2.36E-6	4.55E-6	-9.81E-7
	CC5	0.0024	-0.0016	-0.1059	-2.36E-6	4.55E-6	-9.81E-7
	CC6	0.0799	0.1402	-0.1558	4.01E-4	-2.46E-4	-6.94E-5
	CC7	0.0796	0.1351	-0.1543	3.87E-4	-2.44E-4	-6.65E-5
	CC8	0.0817	0.0309	-0.1189	7.36E-5	-2.36E-4	-6.20E-5
	CC9	0.0814	0.0258	-0.1174	5.97E-5	-2.34E-4	-5.91E-5
	CC10	-0.0766	-0.0289	-0.0928	-6.40E-5	2.42E-4	5.71E-5
	CC11	-0.0769	-0.0340	-0.0912	-7.79E-5	2.44E-4	6.01E-5
	CC12	-0.0748	-0.1382	-0.0559	-3.92E-4	2.53E-4	6.45E-5
	CC13	-0.0751	-0.1433	-0.0543	-4.06E-4	2.55E-4	6.75E-5
	CC14	0.0233	0.2138	-0.1784	6.35E-4	-8.89E-5	-3.67E-5
	CC15	0.0225	0.1982	-0.1737	5.93E-4	-8.29E-5	-2.79E-5
	CC16	-0.0236	0.1630	-0.1595	4.95E-4	5.76E-5	1.27E-6
	CC17	-0.0245	0.1475	-0.1548	4.53E-4	6.36E-5	1.01E-5
	CC18	0.0293	-0.1505	-0.0554	-4.58E-4	-5.50E-5	-1.20E-5
	CC19	0.0285	-0.1661	-0.0507	-5.00E-4	-4.90E-5	-3.19E-6
	CC20	-0.0176	-0.2013	-0.0365	-5.97E-4	9.15E-5	2.59E-5
	CC21	-0.0185	-0.2168	-0.0318	-6.39E-4	9.75E-5	3.48E-5
92	CC1	0.0014	-0.0017	-0.1068	-1.61E-5	-1.97E-7	-3.15E-6
	CC2	0.0014	-0.0017	-0.1068	-1.61E-5	-1.97E-7	-3.15E-6
	CC3	0.0014	-0.0017	-0.1068	-1.61E-5	-1.97E-7	-3.15E-6
	CC4	0.0014	-0.0016	-0.1045	-1.57E-5	-4.72E-7	-3.04E-6
	CC5	0.0014	-0.0016	-0.1045	-1.57E-5	-4.72E-7	-3.04E-6
	CC6	0.0716	0.1406	-0.1644	2.39E-5	-2.50E-4	-7.14E-5
	CC7	0.0723	0.1354	-0.1630	2.40E-5	-2.52E-4	-6.85E-5
	CC8	0.0756	0.0313	-0.1222	-5.15E-6	-2.72E-4	-6.40E-5
	CC9	0.0763	0.0261	-0.1207	-5.05E-6	-2.74E-4	-6.11E-5
	CC10	-0.0736	-0.0292	-0.0867	-2.61E-5	2.73E-4	5.51E-5
	CC11	-0.0729	-0.0343	-0.0853	-2.60E-5	2.71E-4	5.80E-5
	CC12	-0.0696	-0.1385	-0.0445	-5.51E-5	2.51E-4	6.25E-5
	CC13	-0.0689	-0.1436	-0.0430	-5.50E-5	2.49E-4	6.54E-5
	CC14	0.0153	0.2140	-0.1880	4.01E-5	-3.84E-5	-3.87E-5
	CC15	0.0175	0.1983	-0.1836	4.04E-5	-4.54E-5	-2.99E-5
	CC16	-0.0282	0.1630	-0.1647	2.51E-5	1.19E-4	-7.76E-7
	CC17	-0.0261	0.1474	-0.1603	2.54E-5	1.12E-4	8.05E-6
	CC18	0.0288	-0.1505	-0.0472	-5.66E-5	-1.13E-4	-1.41E-5
	CC19	0.0309	-0.1661	-0.0428	-5.63E-5	-1.20E-4	-5.23E-6
	CC20	-0.0148	-0.2014	-0.0238	-7.16E-5	4.42E-5	2.39E-5
	CC21	-0.0126	-0.2170	-0.0195	-7.13E-5	3.72E-5	3.27E-5
93	CC1	-0.0005	-0.0026	-0.0916	-1.72E-5	-2.84E-6	1.20E-6
	CC2	-0.0005	-0.0026	-0.0916	-1.72E-5	-2.84E-6	1.20E-6
	CC3	-0.0005	-0.0026	-0.0916	-1.72E-5	-2.84E-6	1.20E-6
	CC4	-0.0004	-0.0024	-0.0890	-1.63E-5	-2.92E-6	1.20E-6
	CC5	-0.0004	-0.0024	-0.0890	-1.63E-5	-2.92E-6	1.20E-6
	CC6	0.0702	0.0081	-0.0550	6.51E-5	-2.64E-4	-6.72E-5
	CC7	0.0709	0.0085	-0.0544	6.51E-5	-2.66E-4	-6.43E-5
	CC8	0.0741	-0.0871	-0.0030	-2.68E-4	-2.82E-4	-5.98E-5
	CC9	0.0748	-0.0866	-0.0024	-2.68E-4	-2.84E-4	-5.69E-5
	CC10	-0.0755	0.0820	-0.1738	2.36E-4	2.78E-4	5.93E-5
	CC11	-0.0749	0.0825	-0.1732	2.36E-4	2.76E-4	6.22E-5
	CC12	-0.0716	-0.0131	-0.1217	-9.71E-5	2.60E-4	6.67E-5
	CC13	-0.0710	-0.0126	-0.1211	-9.72E-5	2.58E-4	6.96E-5
	CC14	0.0140	0.1445	-0.1580	5.14E-4	-5.00E-5	-3.45E-5
	CC15	0.0160	0.1458	-0.1561	5.13E-4	-5.69E-5	-2.57E-5
	CC16	-0.0297	0.1667	-0.1936	5.65E-4	1.13E-4	3.42E-6
	CC17	-0.0278	0.1680	-0.1917	5.65E-4	1.06E-4	1.23E-5
	CC18	0.0270	-0.1726	0.0155	-5.97E-4	-1.12E-4	-9.86E-6
	CC19	0.0290	-0.1713	0.0175	-5.97E-4	-1.18E-4	-1.03E-6
	CC20	-0.0167	-0.1504	-0.0201	-5.46E-4	5.10E-5	2.81E-5
	CC21	-0.0147	-0.1491	-0.0182	-5.46E-4	4.42E-5	3.69E-5
94	CC1	-0.0001	-0.0021	-0.0930	-4.32E-5	-2.54E-5	-1.74E-6
	CC2	-0.0001	-0.0021	-0.0930	-4.32E-5	-2.54E-5	-1.74E-6
	CC3	-0.0001	-0.0021	-0.0930	-4.32E-5	-2.54E-5	-1.74E-6
	CC4	0.0000	-0.0020	-0.0903	-4.04E-5	-2.40E-5	-1.72E-6
	CC5	0.0000	-0.0020	-0.0903	-4.04E-5	-2.40E-5	-1.72E-6
	CC6	0.0706	0.0622	-0.0856	6.65E-5	-2.78E-4	-7.01E-5
	CC7	0.0712	0.0616	-0.0852	6.47E-5	-2.77E-4	-6.72E-5
	CC8	0.0745	-0.0355	-0.0618	-2.01E-4	-1.31E-4	-6.27E-5
	CC9	0.0751	-0.0361	-0.0615	-2.03E-4	-1.30E-4	-5.98E-5
	CC10	-0.0752	0.0323	-0.1173	1.24E-4	8.25E-5	5.64E-5
	CC11	-0.0745	0.0317	-0.1170	1.22E-4	8.37E-5	5.93E-5
	CC12	-0.0713	-0.0655	-0.0936	-1.44E-4	2.30E-4	6.38E-5

	CC13	-0.0706	-0.0661	-0.0933	-1.46E-4	2.31E-4	6.67E-5
	CC14	0.0143	0.1664	-0.1247	4.01E-4	-3.26E-4	-3.74E-5
	CC15	0.0163	0.1646	-0.1237	3.95E-4	-3.22E-4	-2.86E-5
	CC16	-0.0294	0.1574	-0.1342	4.18E-4	-2.17E-4	5.09E-7
	CC17	-0.0274	0.1556	-0.1333	4.13E-4	-2.14E-4	9.34E-6
	CC18	0.0274	-0.1594	-0.0455	-4.92E-4	1.67E-4	-1.28E-5
	CC19	0.0294	-0.1612	-0.0446	-4.97E-4	1.70E-4	-3.94E-6
	CC20	-0.0164	-0.1684	-0.0551	-4.74E-4	2.75E-4	2.52E-5
	CC21	-0.0144	-0.1702	-0.0541	-4.80E-4	2.79E-4	3.40E-5
95	CC1	-0.0018	-0.0023	-0.0882	-1.21E-5	-2.29E-6	-1.00E-6
	CC2	-0.0018	-0.0023	-0.0882	-1.21E-5	-2.29E-6	-1.00E-6
	CC3	-0.0018	-0.0023	-0.0882	-1.21E-5	-2.29E-6	-1.00E-6
	CC4	-0.0017	-0.0022	-0.0862	-1.13E-5	-2.15E-6	-9.08E-7
	CC5	-0.0017	-0.0022	-0.0862	-1.13E-5	-2.15E-6	-9.08E-7
	CC6	0.0763	-0.1536	-0.0133	-5.06E-4	-2.92E-4	-6.93E-5
	CC7	0.0760	-0.1463	-0.0168	-4.82E-4	-2.91E-4	-6.64E-5
	CC8	0.0780	-0.2312	0.0267	-7.89E-4	-2.99E-4	-6.19E-5
	CC9	0.0776	-0.2239	0.0231	-7.64E-4	-2.98E-4	-5.90E-5
	CC10	-0.0810	0.2197	-0.1942	7.42E-4	2.93E-4	5.72E-5
	CC11	-0.0814	0.2270	-0.1977	7.67E-4	2.94E-4	6.01E-5
	CC12	-0.0793	0.1421	-0.1543	4.59E-4	2.87E-4	6.46E-5
	CC13	-0.0797	0.1494	-0.1578	4.84E-4	2.88E-4	6.75E-5
	CC14	0.0196	0.0601	-0.1195	2.36E-4	-8.15E-5	-3.66E-5
	CC15	0.0186	0.0823	-0.1303	3.10E-4	-7.84E-5	-2.78E-5
	CC16	-0.0276	0.1721	-0.1738	6.10E-4	9.43E-5	1.35E-6
	CC17	-0.0286	0.1943	-0.1846	6.85E-4	9.74E-5	1.02E-5
	CC18	0.0252	-0.1985	0.0135	-7.07E-4	-1.02E-4	-1.19E-5
	CC19	0.0242	-0.1763	0.0027	-6.32E-4	-9.85E-5	-3.10E-6
	CC20	-0.0220	-0.0865	-0.0407	-3.33E-4	7.42E-5	2.60E-5
	CC21	-0.0230	-0.0643	-0.0516	-2.58E-4	7.73E-5	3.49E-5
96	CC1	-0.0030	-0.0027	-0.0914	-1.19E-5	-5.03E-6	-4.21E-7
	CC2	-0.0030	-0.0027	-0.0914	-1.19E-5	-5.03E-6	-4.21E-7
	CC3	-0.0030	-0.0027	-0.0914	-1.19E-5	-5.03E-6	-4.21E-7
	CC4	-0.0029	-0.0025	-0.0893	-1.11E-5	-4.52E-6	-3.80E-7
	CC5	-0.0029	-0.0025	-0.0893	-1.11E-5	-4.52E-6	-3.80E-7
	CC6	0.0835	-0.1539	-0.0145	-4.98E-4	-3.20E-4	-6.88E-5
	CC7	0.0823	-0.1466	-0.0123	-4.74E-4	-3.16E-4	-6.59E-5
	CC8	0.0822	-0.2315	-0.0439	-7.75E-4	-3.17E-4	-6.14E-5
	CC9	0.0810	-0.2242	-0.0417	-7.51E-4	-3.13E-4	-5.85E-5
	CC10	-0.0866	0.2194	-0.1353	7.29E-4	3.04E-4	5.77E-5
	CC11	-0.0878	0.2267	-0.1332	7.53E-4	3.09E-4	6.06E-5
	CC12	-0.0879	0.1418	-0.1647	4.52E-4	3.07E-4	6.51E-5
	CC13	-0.0891	0.1491	-0.1626	4.76E-4	3.12E-4	6.81E-5
	CC14	0.0266	0.0598	-0.0247	2.30E-4	-1.10E-4	-3.61E-5
	CC15	0.0230	0.0820	-0.0182	3.04E-4	-9.59E-5	-2.73E-5
	CC16	-0.0244	0.1718	-0.0609	5.98E-4	7.76E-5	1.86E-6
	CC17	-0.0280	0.1940	-0.0544	6.72E-4	9.14E-5	1.07E-5
	CC18	0.0224	-0.1989	-0.1226	-6.93E-4	-1.00E-4	-1.14E-5
	CC19	0.0188	-0.1766	-0.1162	-6.20E-4	-8.63E-5	-2.59E-6
	CC20	-0.0287	-0.0869	-0.1589	-3.25E-4	8.72E-5	2.65E-5
	CC21	-0.0322	-0.0646	-0.1524	-2.52E-4	1.01E-4	3.54E-5
97	CC1	0.0027	-0.0020	-0.1085	-8.66E-6	-8.75E-7	8.05E-6
	CC2	0.0027	-0.0020	-0.1085	-8.66E-6	-8.75E-7	8.05E-6
	CC3	0.0027	-0.0020	-0.1085	-8.66E-6	-8.75E-7	8.05E-6
	CC4	0.0027	-0.0018	-0.1061	-7.94E-6	-1.07E-6	7.77E-6
	CC5	0.0027	-0.0018	-0.1061	-7.94E-6	-1.07E-6	7.77E-6
	CC6	0.0806	0.1534	-0.2026	5.72E-4	-2.85E-4	-6.07E-5
	CC7	0.0803	0.1477	-0.2007	5.52E-4	-2.81E-4	-5.78E-5
	CC8	0.0823	0.0427	-0.1664	1.18E-4	-2.54E-4	-5.33E-5
	CC9	0.0820	0.0370	-0.1645	9.74E-5	-2.50E-4	-5.04E-5
	CC10	-0.0767	-0.0404	-0.0461	-1.13E-4	2.48E-4	6.58E-5
	CC11	-0.0770	-0.0461	-0.0442	-1.33E-4	2.52E-4	6.87E-5
	CC12	-0.0750	-0.1511	-0.0099	-5.68E-4	2.79E-4	7.32E-5
	CC13	-0.0753	-0.1568	-0.0080	-5.88E-4	2.82E-4	7.61E-5
	CC14	0.0240	0.2206	-0.1921	8.84E-4	-1.38E-4	-2.81E-5
	CC15	0.0229	0.2033	-0.1863	8.22E-4	-1.27E-4	-1.92E-5
	CC16	-0.0232	0.1624	-0.1451	6.78E-4	2.21E-5	9.91E-6
	CC17	-0.0242	0.1451	-0.1393	6.17E-4	3.25E-5	1.87E-5
	CC18	0.0296	-0.1486	-0.0714	-6.32E-4	-3.48E-5	-3.38E-6
	CC19	0.0285	-0.1659	-0.0655	-6.94E-4	-2.44E-5	5.45E-6
	CC20	-0.0176	-0.2067	-0.0244	-8.38E-4	1.25E-4	3.46E-5
	CC21	-0.0187	-0.2240	-0.0186	-8.99E-4	1.35E-4	4.34E-5

98	CC1	0.0029	-0.0024	-0.1104	-8.61E-6	5.91E-7	-1.33E-6
	CC2	0.0029	-0.0024	-0.1104	-8.61E-6	5.91E-7	-1.33E-6
	CC3	0.0029	-0.0024	-0.1104	-8.61E-6	5.91E-7	-1.33E-6
	CC4	0.0028	-0.0022	-0.1079	-7.88E-6	2.45E-7	-1.48E-6
	CC5	0.0028	-0.0022	-0.1079	-7.88E-6	2.45E-7	-1.48E-6
	CC6	0.0890	0.1516	-0.1316	5.74E-4	-2.60E-4	-6.99E-5
	CC7	0.0878	0.1460	-0.1338	5.54E-4	-2.58E-4	-6.70E-5
	CC8	0.0877	0.0410	-0.1930	1.16E-4	-2.98E-4	-6.25E-5
	CC9	0.0865	0.0354	-0.1951	9.55E-5	-2.96E-4	-5.96E-5
	CC10	-0.0810	-0.0396	-0.0189	-1.11E-4	2.96E-4	5.66E-5
	CC11	-0.0821	-0.0453	-0.0211	-1.31E-4	2.98E-4	5.95E-5
	CC12	-0.0822	-0.1502	-0.0803	-5.69E-4	2.59E-4	6.40E-5
	CC13	-0.0834	-0.1558	-0.0825	-5.89E-4	2.61E-4	6.69E-5
	CC14	0.0321	0.2195	-0.0184	8.90E-4	-2.39E-5	-3.73E-5
	CC15	0.0286	0.2023	-0.0249	8.28E-4	-1.73E-5	-2.84E-5
	CC16	-0.0188	0.1621	0.0154	6.84E-4	1.43E-4	6.95E-7
	CC17	-0.0224	0.1450	0.0089	6.23E-4	1.50E-4	9.52E-6
	CC18	0.0280	-0.1492	-0.2230	-6.38E-4	-1.49E-4	-1.26E-5
	CC19	0.0244	-0.1663	-0.2295	-7.00E-4	-1.43E-4	-3.76E-6
	CC20	-0.0230	-0.2065	-0.1892	-8.43E-4	1.76E-5	2.54E-5
	CC21	-0.0266	-0.2237	-0.1957	-9.05E-4	2.41E-5	3.42E-5
99	CC1	0.0016	-0.0021	-0.1095	2.11E-5	3.01E-7	-8.56E-6
	CC2	0.0016	-0.0021	-0.1095	2.11E-5	3.01E-7	-8.56E-6
	CC3	0.0016	-0.0021	-0.1095	2.11E-5	3.01E-7	-8.56E-6
	CC4	0.0015	-0.0019	-0.1070	2.13E-5	-2.78E-8	-8.29E-6
	CC5	0.0015	-0.0019	-0.1070	2.13E-5	-2.78E-8	-8.29E-6
	CC6	0.0842	0.1521	-0.1580	4.79E-4	-3.81E-4	-7.66E-5
	CC7	0.0834	0.1464	-0.1583	4.63E-4	-3.72E-4	-7.37E-5
	CC8	0.0834	0.0415	-0.1752	1.16E-4	-2.59E-4	-6.92E-5
	CC9	0.0826	0.0358	-0.1755	1.00E-4	-2.50E-4	-6.63E-5
	CC10	-0.0796	-0.0395	-0.0370	-5.75E-5	2.50E-4	4.99E-5
	CC11	-0.0804	-0.0451	-0.0373	-7.33E-5	2.58E-4	5.28E-5
	CC12	-0.0804	-0.1501	-0.0542	-4.21E-4	3.72E-4	5.73E-5
	CC13	-0.0812	-0.1558	-0.0545	-4.36E-4	3.81E-4	6.02E-5
	CC14	0.0286	0.2198	-0.0953	7.31E-4	-3.12E-4	-4.39E-5
	CC15	0.0262	0.2027	-0.0962	6.83E-4	-2.86E-4	-3.51E-5
	CC16	-0.0205	0.1624	-0.0590	5.70E-4	-1.23E-4	-5.98E-6
	CC17	-0.0229	0.1452	-0.0599	5.22E-4	-9.66E-5	2.85E-6
	CC18	0.0259	-0.1489	-0.1526	-4.79E-4	9.63E-5	-1.93E-5
	CC19	0.0235	-0.1660	-0.1535	-5.27E-4	1.22E-4	-1.04E-5
	CC20	-0.0232	-0.2063	-0.1163	-6.40E-4	2.86E-4	1.87E-5
	CC21	-0.0256	-0.2235	-0.1172	-6.88E-4	3.12E-4	2.75E-5
100	CC1	0.0019	-0.0019	-0.1088	-1.93E-5	-7.23E-7	1.48E-5
	CC2	0.0019	-0.0019	-0.1088	-1.93E-5	-7.23E-7	1.48E-5
	CC3	0.0019	-0.0019	-0.1088	-1.93E-5	-7.23E-7	1.48E-5
	CC4	0.0018	-0.0017	-0.1064	-1.86E-5	-8.87E-7	1.48E-5
	CC5	0.0018	-0.0017	-0.1064	-1.86E-5	-8.87E-7	1.48E-5
	CC6	0.0811	0.1523	-0.1836	4.08E-4	-2.70E-4	-5.37E-5
	CC7	0.0806	0.1466	-0.1825	3.93E-4	-2.68E-4	-5.08E-5
	CC8	0.0825	0.0417	-0.1651	4.86E-5	-2.68E-4	-4.63E-5
	CC9	0.0820	0.0360	-0.1639	3.42E-5	-2.66E-4	-4.34E-5
	CC10	-0.0783	-0.0393	-0.0472	-7.09E-5	2.64E-4	7.28E-5
	CC11	-0.0788	-0.0450	-0.0461	-8.53E-5	2.66E-4	7.57E-5
	CC12	-0.0770	-0.1499	-0.0287	-4.30E-4	2.66E-4	8.02E-5
	CC13	-0.0775	-0.1556	-0.0276	-4.45E-4	2.68E-4	8.31E-5
	CC14	0.0243	0.2200	-0.1586	6.74E-4	-8.77E-5	-2.10E-5
	CC15	0.0227	0.2028	-0.1552	6.30E-4	-8.17E-5	-1.22E-5
	CC16	-0.0236	0.1625	-0.1177	5.30E-4	7.25E-5	1.70E-5
	CC17	-0.0251	0.1454	-0.1142	4.87E-4	7.85E-5	2.58E-5
	CC18	0.0287	-0.1487	-0.0969	-5.23E-4	-8.04E-5	3.67E-6
	CC19	0.0272	-0.1658	-0.0935	-5.67E-4	-7.44E-5	1.25E-5
	CC20	-0.0191	-0.2062	-0.0560	-6.67E-4	7.98E-5	4.16E-5
	CC21	-0.0206	-0.2233	-0.0526	-7.11E-4	8.59E-5	5.05E-5
101	CC1	-0.0043	-0.0082	-0.1114	-8.65E-7	-2.67E-5	7.67E-6
	CC2	-0.0043	-0.0082	-0.1114	-8.65E-7	-2.67E-5	7.67E-6
	CC3	-0.0043	-0.0082	-0.1114	-8.65E-7	-2.67E-5	7.67E-6
	CC4	-0.0040	-0.0077	-0.1080	4.80E-7	-2.46E-5	7.05E-6
	CC5	-0.0040	-0.0077	-0.1080	4.80E-7	-2.46E-5	7.05E-6
	CC6	0.2529	-0.3365	-0.1491	-3.63E-4	-4.19E-4	-1.65E-4
	CC7	0.2454	-0.3199	-0.1472	-3.44E-4	-4.08E-4	-1.58E-4
	CC8	0.2342	-0.5375	-0.1894	-6.16E-4	-3.85E-4	-1.37E-4
	CC9	0.2266	-0.5209	-0.1875	-5.97E-4	-3.74E-4	-1.30E-4

	CC10	-0.2344	0.5060	-0.0262	5.99E-4	3.26E-4	1.43E-4
	CC11	-0.2419	0.5226	-0.0243	6.18E-4	3.37E-4	1.51E-4
	CC12	-0.2531	0.3050	-0.0665	3.46E-4	3.60E-4	1.72E-4
	CC13	-0.2606	0.3215	-0.0646	3.65E-4	3.71E-4	1.79E-4
	CC14	0.1119	0.1761	-0.0611	2.50E-4	-2.09E-4	-9.80E-5
	CC15	0.0891	0.2264	-0.0552	3.06E-4	-1.75E-4	-7.61E-5
	CC16	-0.0343	0.4288	-0.0242	5.38E-4	1.43E-5	-5.32E-6
	CC17	-0.0571	0.4791	-0.0184	5.95E-4	4.89E-5	1.66E-5
	CC18	0.0494	-0.4941	-0.1953	-5.93E-4	-9.67E-5	-2.91E-6
	CC19	0.0266	-0.4437	-0.1895	-5.36E-4	-6.21E-5	1.90E-5
	CC20	-0.0968	-0.2413	-0.1585	-3.05E-4	1.27E-4	8.97E-5
	CC21	-0.1196	-0.1910	-0.1526	-2.48E-4	1.61E-4	1.12E-4
102	CC1	0.0010	-0.0080	-0.0970	-3.59E-5	-4.34E-5	1.87E-6
	CC2	0.0010	-0.0080	-0.0970	-3.59E-5	-4.34E-5	1.87E-6
	CC3	0.0010	-0.0080	-0.0970	-3.59E-5	-4.34E-5	1.87E-6
	CC4	0.0009	-0.0075	-0.0946	-3.44E-5	-3.96E-5	1.72E-6
	CC5	0.0009	-0.0075	-0.0946	-3.44E-5	-3.96E-5	1.72E-6
	CC6	0.2021	-0.3363	-0.1474	-4.64E-4	-3.10E-4	-1.71E-4
	CC7	0.1993	-0.3197	-0.1446	-4.42E-4	-3.07E-4	-1.63E-4
	CC8	0.2011	-0.5374	-0.1818	-7.55E-4	-2.95E-4	-1.42E-4
	CC9	0.1982	-0.5208	-0.1791	-7.33E-4	-2.93E-4	-1.35E-4
	CC10	-0.1964	0.5061	-0.0084	6.65E-4	2.16E-4	1.38E-4
	CC11	-0.1993	0.5227	-0.0056	6.87E-4	2.18E-4	1.45E-4
	CC12	-0.1975	0.3051	-0.0429	3.74E-4	2.30E-4	1.67E-4
	CC13	-0.2003	0.3217	-0.0401	3.96E-4	2.33E-4	1.74E-4
	CC14	0.0668	0.1762	-0.0613	2.49E-4	-1.46E-4	-1.03E-4
	CC15	0.0581	0.2265	-0.0529	3.16E-4	-1.37E-4	-8.12E-5
	CC16	-0.0528	0.4289	-0.0196	5.87E-4	1.21E-5	-1.05E-5
	CC17	-0.0615	0.4793	-0.0113	6.54E-4	2.02E-5	1.14E-5
	CC18	0.0633	-0.4939	-0.1762	-7.22E-4	-9.70E-5	-8.08E-6
	CC19	0.0546	-0.4436	-0.1679	-6.55E-4	-8.89E-5	1.38E-5
	CC20	-0.0563	-0.2412	-0.1345	-3.84E-4	6.07E-5	8.46E-5
	CC21	-0.0650	-0.1908	-0.1262	-3.17E-4	6.88E-5	1.06E-4
103	CC1	0.0012	-0.0078	-0.0908	-2.02E-5	-2.14E-5	-3.33E-7
	CC2	0.0012	-0.0078	-0.0908	-2.02E-5	-2.14E-5	-3.33E-7
	CC3	0.0012	-0.0078	-0.0908	-2.02E-5	-2.14E-5	-3.33E-7
	CC4	0.0011	-0.0073	-0.0887	-1.90E-5	-2.01E-5	-2.77E-7
	CC5	0.0011	-0.0073	-0.0887	-1.90E-5	-2.01E-5	-2.77E-7
	CC6	0.1807	-0.3361	0.0026	-5.65E-4	-3.05E-4	-1.73E-4
	CC7	0.1800	-0.3195	-0.0020	-5.37E-4	-3.04E-4	-1.65E-4
	CC8	0.1893	-0.5371	0.0594	-9.32E-4	-3.27E-4	-1.44E-4
	CC9	0.1886	-0.5206	0.0548	-9.04E-4	-3.26E-4	-1.37E-4
	CC10	-0.1863	0.5064	-0.2309	8.67E-4	2.86E-4	1.36E-4
	CC11	-0.1871	0.5229	-0.2355	8.95E-4	2.88E-4	1.44E-4
	CC12	-0.1777	0.3053	-0.1741	5.00E-4	2.64E-4	1.65E-4
	CC13	-0.1785	0.3219	-0.1787	5.28E-4	2.66E-4	1.72E-4
	CC14	0.0430	0.1764	-0.1407	3.36E-4	-7.38E-5	-1.05E-4
	CC15	0.0407	0.2267	-0.1547	4.21E-4	-6.91E-5	-8.32E-5
	CC16	-0.0671	0.4292	-0.2107	7.65E-4	1.04E-4	-1.24E-5
	CC17	-0.0695	0.4795	-0.2247	8.51E-4	1.08E-4	9.49E-6
	CC18	0.0717	-0.4937	0.0486	-8.88E-4	-1.48E-4	-1.00E-5
	CC19	0.0693	-0.4434	0.0346	-8.03E-4	-1.43E-4	1.19E-5
	CC20	-0.0384	-0.2410	-0.0215	-4.58E-4	2.97E-5	8.27E-5
	CC21	-0.0408	-0.1906	-0.0355	-3.73E-4	3.45E-5	1.05E-4
104	CC1	-0.0040	-0.0087	-0.1242	8.15E-6	5.47E-6	2.45E-6
	CC2	-0.0040	-0.0087	-0.1242	8.15E-6	5.47E-6	2.45E-6
	CC3	-0.0040	-0.0087	-0.1242	8.15E-6	5.47E-6	2.45E-6
	CC4	-0.0037	-0.0081	-0.1185	7.33E-6	6.15E-6	2.14E-6
	CC5	-0.0037	-0.0081	-0.1185	7.33E-6	6.15E-6	2.14E-6
	CC6	0.2531	-0.2621	-0.1302	-4.29E-4	-2.05E-4	-1.70E-4
	CC7	0.2456	-0.2487	-0.1296	-4.05E-4	-2.00E-4	-1.63E-4
	CC8	0.2344	-0.4755	-0.1439	-8.52E-4	-1.64E-4	-1.42E-4
	CC9	0.2269	-0.4621	-0.1434	-8.28E-4	-1.59E-4	-1.35E-4
	CC10	-0.2342	0.4463	-0.0898	8.42E-4	1.72E-4	1.39E-4
	CC11	-0.2417	0.4597	-0.0892	8.67E-4	1.77E-4	1.46E-4
	CC12	-0.2529	0.2329	-0.1035	4.19E-4	2.13E-4	1.67E-4
	CC13	-0.2604	0.2463	-0.1030	4.43E-4	2.18E-4	1.74E-4
	CC14	0.1121	0.2211	-0.1005	4.85E-4	-1.26E-4	-1.03E-4
	CC15	0.0893	0.2619	-0.0989	5.59E-4	-1.11E-4	-8.09E-5
	CC16	-0.0341	0.4336	-0.0884	8.67E-4	-1.30E-5	-1.01E-5
	CC17	-0.0569	0.4744	-0.0868	9.40E-4	2.26E-6	1.18E-5
	CC18	0.0496	-0.4903	-0.1463	-9.26E-4	1.05E-5	-7.71E-6

	CC19	0.0268	-0.4495	-0.1447	-8.52E-4	2.58E-5	1.42E-5
	CC20	-0.0966	-0.2777	-0.1342	-5.44E-4	1.23E-4	8.49E-5
	CC21	-0.1194	-0.2369	-0.1326	-4.71E-4	1.39E-4	1.07E-4
105	CC1	0.0010	-0.0079	-0.1289	-4.91E-5	-4.31E-5	8.82E-8
	CC2	0.0010	-0.0079	-0.1289	-4.91E-5	-4.31E-5	8.82E-8
	CC3	0.0010	-0.0079	-0.1289	-4.91E-5	-4.31E-5	8.82E-8
	CC4	0.0009	-0.0073	-0.1227	-4.51E-5	-3.67E-5	-2.67E-8
	CC5	0.0009	-0.0073	-0.1227	-4.51E-5	-3.67E-5	-2.67E-8
	CC6	0.2021	-0.2613	-0.1368	-4.65E-4	4.64E-5	-1.72E-4
	CC7	0.1992	-0.2479	-0.1362	-4.42E-4	4.23E-5	-1.65E-4
	CC8	0.2010	-0.4748	-0.1455	-8.39E-4	1.06E-4	-1.44E-4
	CC9	0.1982	-0.4613	-0.1449	-8.16E-4	1.01E-4	-1.37E-4
	CC10	-0.1965	0.4471	-0.0963	7.28E-4	-1.71E-4	1.36E-4
	CC11	-0.1993	0.4605	-0.0957	7.51E-4	-1.75E-4	1.44E-4
	CC12	-0.1975	0.2336	-0.1050	3.54E-4	-1.12E-4	1.65E-4
	CC13	-0.2004	0.2471	-0.1044	3.77E-4	-1.16E-4	1.72E-4
	CC14	0.0667	0.2219	-0.1131	3.66E-4	-9.44E-5	-1.05E-4
	CC15	0.0581	0.2627	-0.1113	4.35E-4	-1.07E-4	-8.30E-5
	CC16	-0.0528	0.4344	-0.1010	7.24E-4	-1.60E-4	-1.22E-5
	CC17	-0.0615	0.4752	-0.0992	7.93E-4	-1.72E-4	9.68E-6
	CC18	0.0632	-0.4895	-0.1421	-8.81E-4	1.03E-4	-9.81E-6
	CC19	0.0545	-0.4487	-0.1403	-8.11E-4	9.03E-5	1.21E-5
	CC20	-0.0564	-0.2770	-0.1299	-5.23E-4	3.78E-5	8.28E-5
	CC21	-0.0650	-0.2361	-0.1281	-4.53E-4	2.52E-5	1.05E-4
106	CC1	0.0011	-0.0077	-0.1053	-2.50E-5	-5.74E-6	6.02E-8
	CC2	0.0011	-0.0077	-0.1053	-2.50E-5	-5.74E-6	6.02E-8
	CC3	0.0011	-0.0077	-0.1053	-2.50E-5	-5.74E-6	6.02E-8
	CC4	0.0010	-0.0072	-0.1013	-2.29E-5	-4.46E-6	2.59E-8
	CC5	0.0010	-0.0072	-0.1013	-2.29E-5	-4.46E-6	2.59E-8
	CC6	0.1806	-0.2612	-0.0850	-4.45E-4	-1.56E-4	-1.72E-4
	CC7	0.1798	-0.2477	-0.0856	-4.21E-4	-1.53E-4	-1.65E-4
	CC8	0.1892	-0.4746	-0.0747	-8.54E-4	-1.95E-4	-1.44E-4
	CC9	0.1884	-0.4611	-0.0753	-8.31E-4	-1.92E-4	-1.37E-4
	CC10	-0.1864	0.4472	-0.1247	7.86E-4	1.84E-4	1.37E-4
	CC11	-0.1872	0.4607	-0.1254	8.10E-4	1.87E-4	1.44E-4
	CC12	-0.1778	0.2338	-0.1144	3.77E-4	1.45E-4	1.65E-4
	CC13	-0.1786	0.2472	-0.1151	4.00E-4	1.48E-4	1.72E-4
	CC14	0.0429	0.2221	-0.1102	4.40E-4	5.31E-6	-1.05E-4
	CC15	0.0405	0.2629	-0.1122	5.11E-4	1.49E-5	-8.29E-5
	CC16	-0.0672	0.4346	-0.1222	8.09E-4	1.07E-4	-1.21E-5
	CC17	-0.0696	0.4754	-0.1241	8.81E-4	1.17E-4	9.76E-6
	CC18	0.0716	-0.4893	-0.0760	-9.25E-4	-1.25E-4	-9.73E-6
	CC19	0.0692	-0.4485	-0.0779	-8.53E-4	-1.15E-4	1.22E-5
	CC20	-0.0385	-0.2768	-0.0879	-5.56E-4	-2.30E-5	8.29E-5
	CC21	-0.0409	-0.2360	-0.0898	-4.84E-4	-1.34E-5	1.05E-4
107	CC1	-0.0039	-0.0087	-0.1206	8.96E-6	-2.48E-6	1.25E-6
	CC2	-0.0039	-0.0087	-0.1206	8.96E-6	-2.48E-6	1.25E-6
	CC3	-0.0039	-0.0087	-0.1206	8.96E-6	-2.48E-6	1.25E-6
	CC4	-0.0036	-0.0080	-0.1148	8.45E-6	-2.14E-6	9.02E-7
	CC5	-0.0036	-0.0080	-0.1148	8.45E-6	-2.14E-6	9.02E-7
	CC6	0.2533	-0.1995	-0.1117	-3.18E-4	-2.12E-4	-1.72E-4
	CC7	0.2458	-0.1887	-0.1115	-2.98E-4	-2.06E-4	-1.64E-4
	CC8	0.2345	-0.4233	-0.0972	-7.59E-4	-1.93E-4	-1.43E-4
	CC9	0.2270	-0.4124	-0.0970	-7.39E-4	-1.87E-4	-1.36E-4
	CC10	-0.2340	0.3968	-0.1288	7.56E-4	1.83E-4	1.37E-4
	CC11	-0.2415	0.4076	-0.1286	7.76E-4	1.89E-4	1.45E-4
	CC12	-0.2527	0.1731	-0.1143	3.15E-4	2.02E-4	1.66E-4
	CC13	-0.2602	0.1839	-0.1141	3.35E-4	2.08E-4	1.73E-4
	CC14	0.1122	0.2593	-0.1348	5.52E-4	-1.03E-4	-1.04E-4
	CC15	0.0894	0.2921	-0.1342	6.12E-4	-8.45E-5	-8.21E-5
	CC16	-0.0339	0.4381	-0.1399	8.74E-4	1.57E-5	-1.14E-5
	CC17	-0.0567	0.4710	-0.1394	9.34E-4	3.40E-5	1.05E-5
	CC18	0.0498	-0.4866	-0.0864	-9.18E-4	-3.81E-5	-8.96E-6
	CC19	0.0270	-0.4538	-0.0859	-8.58E-4	-1.98E-5	1.29E-5
	CC20	-0.0964	-0.3077	-0.0916	-5.95E-4	8.05E-5	8.37E-5
	CC21	-0.1192	-0.2749	-0.0910	-5.36E-4	9.88E-5	1.06E-4
108	CC1	0.0007	-0.0079	-0.1291	-5.48E-5	-2.80E-6	1.98E-6
	CC2	0.0007	-0.0079	-0.1291	-5.48E-5	-2.80E-6	1.98E-6
	CC3	0.0007	-0.0079	-0.1291	-5.48E-5	-2.80E-6	1.98E-6
	CC4	0.0007	-0.0072	-0.1223	-4.94E-5	-2.75E-6	1.78E-6
	CC5	0.0007	-0.0072	-0.1223	-4.94E-5	-2.75E-6	1.78E-6
	CC6	0.2019	-0.1987	-0.1146	-3.54E-4	-1.69E-4	-1.71E-4

	CC7	0.1991	-0.1879	-0.1146	-3.36E-4	-1.66E-4	-1.63E-4
	CC8	0.2009	-0.4225	-0.1174	-7.55E-4	-1.84E-4	-1.42E-4
	CC9	0.1980	-0.4116	-0.1174	-7.36E-4	-1.81E-4	-1.35E-4
	CC10	-0.1966	0.3976	-0.1228	6.41E-4	1.76E-4	1.38E-4
	CC11	-0.1995	0.4084	-0.1227	6.59E-4	1.78E-4	1.45E-4
	CC12	-0.1977	0.1738	-0.1256	2.41E-4	1.60E-4	1.67E-4
	CC13	-0.2005	0.1847	-0.1255	2.59E-4	1.63E-4	1.74E-4
	CC14	0.0666	0.2600	-0.1143	4.42E-4	-3.35E-5	-1.03E-4
	CC15	0.0579	0.2929	-0.1142	4.98E-4	-2.50E-5	-8.12E-5
	CC16	-0.0530	0.4389	-0.1167	7.41E-4	6.98E-5	-1.04E-5
	CC17	-0.0617	0.4718	-0.1166	7.97E-4	7.83E-5	1.15E-5
	CC18	0.0630	-0.4858	-0.1235	-8.92E-4	-8.38E-5	-8.04E-6
	CC19	0.0544	-0.4530	-0.1234	-8.36E-4	-7.52E-5	1.39E-5
	CC20	-0.0565	-0.3069	-0.1260	-5.93E-4	1.95E-5	8.46E-5
	CC21	-0.0652	-0.2741	-0.1259	-5.38E-4	2.80E-5	1.07E-4
109	CC1	0.0010	-0.0077	-0.1056	-2.95E-5	-8.50E-6	3.34E-7
	CC2	0.0010	-0.0077	-0.1056	-2.95E-5	-8.50E-6	3.34E-7
	CC3	0.0010	-0.0077	-0.1056	-2.95E-5	-8.50E-6	3.34E-7
	CC4	0.0009	-0.0071	-0.1013	-2.67E-5	-7.91E-6	1.85E-7
	CC5	0.0009	-0.0071	-0.1013	-2.67E-5	-7.91E-6	1.85E-7
	CC6	0.1806	-0.1986	-0.0914	-3.34E-4	-1.50E-4	-1.72E-4
	CC7	0.1798	-0.1877	-0.0917	-3.15E-4	-1.50E-4	-1.65E-4
	CC8	0.1892	-0.4223	-0.0850	-7.40E-4	-1.55E-4	-1.44E-4
	CC9	0.1884	-0.4115	-0.0853	-7.22E-4	-1.54E-4	-1.36E-4
	CC10	-0.1865	0.3977	-0.1145	6.70E-4	1.39E-4	1.37E-4
	CC11	-0.1873	0.4086	-0.1148	6.89E-4	1.39E-4	1.44E-4
	CC12	-0.1779	0.1740	-0.1080	2.64E-4	1.34E-4	1.65E-4
	CC13	-0.1787	0.1848	-0.1083	2.82E-4	1.35E-4	1.72E-4
	CC14	0.0428	0.2602	-0.1067	4.74E-4	-4.37E-5	-1.05E-4
	CC15	0.0405	0.2930	-0.1076	5.29E-4	-4.27E-5	-8.28E-5
	CC16	-0.0673	0.4391	-0.1136	7.75E-4	4.30E-5	-1.20E-5
	CC17	-0.0697	0.4719	-0.1145	8.31E-4	4.41E-5	9.88E-6
	CC18	0.0715	-0.4857	-0.0852	-8.82E-4	-5.95E-5	-9.61E-6
	CC19	0.0691	-0.4528	-0.0861	-8.26E-4	-5.85E-5	1.23E-5
	CC20	-0.0386	-0.3068	-0.0921	-5.81E-4	2.72E-5	8.30E-5
	CC21	-0.0410	-0.2739	-0.0930	-5.25E-4	2.83E-5	1.05E-4
110	CC1	-0.0037	-0.0083	-0.1190	4.45E-5	-3.02E-6	1.87E-6
	CC2	-0.0037	-0.0083	-0.1190	4.45E-5	-3.02E-6	1.87E-6
	CC3	-0.0037	-0.0083	-0.1190	4.45E-5	-3.02E-6	1.87E-6
	CC4	-0.0035	-0.0075	-0.1133	4.32E-5	-2.78E-6	1.89E-6
	CC5	-0.0035	-0.0075	-0.1133	4.32E-5	-2.78E-6	1.89E-6
	CC6	0.2534	-0.1365	-0.1009	-1.04E-4	-2.18E-4	-1.70E-4
	CC7	0.2459	-0.1282	-0.1007	-9.34E-5	-2.11E-4	-1.63E-4
	CC8	0.2346	-0.3706	-0.1080	-4.20E-4	-1.90E-4	-1.42E-4
	CC9	0.2271	-0.3624	-0.1078	-4.09E-4	-1.84E-4	-1.35E-4
	CC10	-0.2339	0.3478	-0.1149	4.95E-4	1.79E-4	1.38E-4
	CC11	-0.2414	0.3560	-0.1148	5.05E-4	1.85E-4	1.46E-4
	CC12	-0.2526	0.1137	-0.1220	1.79E-4	2.06E-4	1.67E-4
	CC13	-0.2601	0.1219	-0.1219	1.89E-4	2.12E-4	1.74E-4
	CC14	0.1124	0.2978	-0.0976	4.64E-4	-1.17E-4	-1.03E-4
	CC15	0.0895	0.3227	-0.0972	4.95E-4	-9.85E-5	-8.10E-5
	CC16	-0.0338	0.4431	-0.1018	6.44E-4	2.03E-6	-1.03E-5
	CC17	-0.0566	0.4680	-0.1014	6.75E-4	2.04E-5	1.16E-5
	CC18	0.0499	-0.4826	-0.1213	-5.89E-4	-2.58E-5	-7.85E-6
	CC19	0.0271	-0.4576	-0.1209	-5.58E-4	-7.43E-6	1.41E-5
	CC20	-0.0963	-0.3373	-0.1255	-4.10E-4	9.31E-5	8.48E-5
	CC21	-0.1191	-0.3124	-0.1251	-3.79E-4	1.11E-4	1.07E-4
111	CC1	0.0005	-0.0080	-0.1297	-6.79E-5	-8.72E-6	1.46E-6
	CC2	0.0005	-0.0080	-0.1297	-6.79E-5	-8.72E-6	1.46E-6
	CC3	0.0005	-0.0080	-0.1297	-6.79E-5	-8.72E-6	1.46E-6
	CC4	0.0005	-0.0073	-0.1231	-6.11E-5	-8.49E-6	1.44E-6
	CC5	0.0005	-0.0073	-0.1231	-6.11E-5	-8.49E-6	1.44E-6
	CC6	0.2017	-0.1362	-0.1039	-1.18E-4	-1.60E-4	-1.71E-4
	CC7	0.1989	-0.1280	-0.1037	-1.15E-4	-1.58E-4	-1.64E-4
	CC8	0.2007	-0.3703	-0.1152	-2.21E-4	-1.66E-4	-1.42E-4
	CC9	0.1978	-0.3621	-0.1150	-2.18E-4	-1.64E-4	-1.35E-4
	CC10	-0.1968	0.3481	-0.1269	1.00E-4	1.47E-4	1.38E-4
	CC11	-0.1996	0.3563	-0.1267	1.03E-4	1.49E-4	1.45E-4
	CC12	-0.1978	0.1139	-0.1382	-2.87E-6	1.41E-4	1.67E-4
	CC13	-0.2007	0.1222	-0.1379	4.68E-7	1.43E-4	1.74E-4
	CC14	0.0664	0.2981	-0.0990	7.49E-5	-4.80E-5	-1.03E-4
	CC15	0.0577	0.3230	-0.0984	8.50E-5	-4.17E-5	-8.15E-5

	CC16	-0.0532	0.4433	-0.1059	1.40E-4	4.41E-5	-1.07E-5
	CC17	-0.0618	0.4683	-0.1052	1.50E-4	5.04E-5	1.12E-5
	CC18	0.0629	-0.4823	-0.1366	-2.68E-4	-6.72E-5	-8.31E-6
	CC19	0.0542	-0.4574	-0.1360	-2.58E-4	-6.09E-5	1.36E-5
	CC20	-0.0567	-0.3370	-0.1435	-2.03E-4	2.49E-5	8.43E-5
	CC21	-0.0654	-0.3121	-0.1429	-1.93E-4	3.12E-5	1.06E-4
112	CC1	0.0008	-0.0080	-0.1085	-7.34E-5	-7.70E-6	8.67E-7
	CC2	0.0008	-0.0080	-0.1085	-7.34E-5	-7.70E-6	8.67E-7
	CC3	0.0008	-0.0080	-0.1085	-7.34E-5	-7.70E-6	8.67E-7
	CC4	0.0008	-0.0073	-0.1041	-6.62E-5	-7.54E-6	9.01E-7
	CC5	0.0008	-0.0073	-0.1041	-6.62E-5	-7.54E-6	9.01E-7
	CC6	0.1804	-0.1362	-0.0918	-1.35E-4	-1.49E-4	-1.71E-4
	CC7	0.1797	-0.1280	-0.0923	-1.31E-4	-1.48E-4	-1.64E-4
	CC8	0.1891	-0.3703	-0.0759	-2.60E-4	-1.57E-4	-1.43E-4
	CC9	0.1883	-0.3621	-0.0764	-2.56E-4	-1.56E-4	-1.36E-4
	CC10	-0.1866	0.3481	-0.1288	1.28E-4	1.41E-4	1.37E-4
	CC11	-0.1874	0.3563	-0.1293	1.32E-4	1.42E-4	1.45E-4
	CC12	-0.1780	0.1140	-0.1129	2.99E-6	1.33E-4	1.66E-4
	CC13	-0.1788	0.1222	-0.1134	7.05E-6	1.34E-4	1.73E-4
	CC14	0.0427	0.2981	-0.1228	9.91E-5	-3.85E-5	-1.04E-4
	CC15	0.0404	0.3230	-0.1244	1.11E-4	-3.61E-5	-8.20E-5
	CC16	-0.0674	0.4434	-0.1339	1.78E-4	4.84E-5	-1.12E-5
	CC17	-0.0698	0.4683	-0.1355	1.90E-4	5.08E-5	1.07E-5
	CC18	0.0714	-0.4823	-0.0698	-3.18E-4	-6.58E-5	-8.83E-6
	CC19	0.0690	-0.4574	-0.0713	-3.05E-4	-6.34E-5	1.31E-5
	CC20	-0.0387	-0.3370	-0.0809	-2.39E-4	2.12E-5	8.38E-5
	CC21	-0.0411	-0.3121	-0.0824	-2.27E-4	2.36E-5	1.06E-4
113	CC1	-0.0036	-0.0093	-0.1184	8.10E-6	-6.27E-6	3.23E-6
	CC2	-0.0036	-0.0093	-0.1184	8.10E-6	-6.27E-6	3.23E-6
	CC3	-0.0036	-0.0093	-0.1184	8.10E-6	-6.27E-6	3.23E-6
	CC4	-0.0034	-0.0086	-0.1127	6.82E-6	-5.85E-6	3.34E-6
	CC5	-0.0034	-0.0086	-0.1127	6.82E-6	-5.85E-6	3.34E-6
	CC6	0.2535	-0.0751	-0.1128	-8.56E-5	-2.22E-4	-1.69E-4
	CC7	0.2460	-0.0695	-0.1128	-7.55E-5	-2.15E-4	-1.62E-4
	CC8	0.2347	-0.3195	-0.1013	-5.73E-4	-1.99E-4	-1.40E-4
	CC9	0.2272	-0.3140	-0.1012	-5.63E-4	-1.93E-4	-1.33E-4
	CC10	-0.2338	0.2971	-0.1203	5.76E-4	1.82E-4	1.40E-4
	CC11	-0.2413	0.3027	-0.1203	5.86E-4	1.88E-4	1.47E-4
	CC12	-0.2525	0.0527	-0.1088	8.83E-5	2.04E-4	1.68E-4
	CC13	-0.2600	0.0583	-0.1087	9.84E-5	2.10E-4	1.76E-4
	CC14	0.1124	0.3347	-0.1290	7.05E-4	-1.13E-4	-1.01E-4
	CC15	0.0896	0.3517	-0.1288	7.35E-4	-9.39E-5	-7.95E-5
	CC16	-0.0337	0.4464	-0.1312	9.03E-4	8.31E-6	-8.78E-6
	CC17	-0.0565	0.4633	-0.1311	9.34E-4	2.71E-5	1.31E-5
	CC18	0.0500	-0.4802	-0.0904	-9.21E-4	-3.85E-5	-6.37E-6
	CC19	0.0272	-0.4632	-0.0903	-8.90E-4	-1.97E-5	1.55E-5
	CC20	-0.0962	-0.3685	-0.0927	-7.22E-4	8.25E-5	8.63E-5
	CC21	-0.1190	-0.3515	-0.0926	-6.92E-4	1.01E-4	1.08E-4
114	CC1	0.0003	-0.0085	-0.1301	-4.90E-5	2.73E-5	1.50E-6
	CC2	0.0003	-0.0085	-0.1301	-4.90E-5	2.73E-5	1.50E-6
	CC3	0.0003	-0.0085	-0.1301	-4.90E-5	2.73E-5	1.50E-6
	CC4	0.0004	-0.0079	-0.1239	-4.48E-5	2.33E-5	1.55E-6
	CC5	0.0004	-0.0079	-0.1239	-4.48E-5	2.33E-5	1.55E-6
	CC6	0.2016	-0.0743	-0.0751	-1.00E-4	3.07E-5	-1.71E-4
	CC7	0.1988	-0.0687	-0.0754	-9.19E-5	3.06E-5	-1.64E-4
	CC8	0.2006	-0.3188	-0.0822	-5.60E-4	3.97E-5	-1.42E-4
	CC9	0.1977	-0.3132	-0.0825	-5.52E-4	3.96E-5	-1.35E-4
	CC10	-0.1969	0.2979	-0.1613	4.65E-4	4.31E-6	1.38E-4
	CC11	-0.1998	0.3035	-0.1616	4.73E-4	4.21E-6	1.45E-4
	CC12	-0.1980	0.0534	-0.1683	5.02E-6	1.33E-5	1.67E-4
	CC13	-0.2008	0.0590	-0.1687	1.32E-5	1.32E-5	1.74E-4
	CC14	0.0663	0.3355	-0.0967	6.26E-4	1.12E-5	-1.03E-4
	CC15	0.0576	0.3524	-0.0977	6.51E-4	1.08E-5	-8.13E-5
	CC16	-0.0533	0.4471	-0.1225	7.96E-4	3.23E-6	-1.06E-5
	CC17	-0.0620	0.4641	-0.1235	8.21E-4	2.92E-6	1.13E-5
	CC18	0.0628	-0.4794	-0.1202	-9.08E-4	4.10E-5	-8.18E-6
	CC19	0.0541	-0.4624	-0.1212	-8.83E-4	4.07E-5	1.37E-5
	CC20	-0.0568	-0.3677	-0.1461	-7.38E-4	3.30E-5	8.45E-5
	CC21	-0.0655	-0.3508	-0.1471	-7.13E-4	3.27E-5	1.06E-4
115	CC1	0.0007	-0.0083	-0.1095	-3.19E-5	-9.28E-6	1.50E-6
	CC2	0.0007	-0.0083	-0.1095	-3.19E-5	-9.28E-6	1.50E-6
	CC3	0.0007	-0.0083	-0.1095	-3.19E-5	-9.28E-6	1.50E-6

	CC4	0.0007	-0.0077	-0.1053	-2.93E-5	-9.43E-6	1.61E-6
	CC5	0.0007	-0.0077	-0.1053	-2.93E-5	-9.43E-6	1.61E-6
	CC6	0.1803	-0.0742	-0.0864	-1.16E-4	-1.48E-4	-1.71E-4
	CC7	0.1796	-0.0686	-0.0867	-1.06E-4	-1.48E-4	-1.63E-4
	CC8	0.1889	-0.3186	-0.0786	-5.68E-4	-1.68E-4	-1.42E-4
	CC9	0.1882	-0.3131	-0.0788	-5.58E-4	-1.67E-4	-1.35E-4
	CC10	-0.1867	0.2980	-0.1290	5.01E-4	1.48E-4	1.38E-4
	CC11	-0.1875	0.3036	-0.1293	5.11E-4	1.49E-4	1.45E-4
	CC12	-0.1781	0.0536	-0.1212	4.94E-5	1.29E-4	1.67E-4
	CC13	-0.1789	0.0592	-0.1215	5.89E-5	1.29E-4	1.74E-4
	CC14	0.0426	0.3356	-0.1102	6.18E-4	-2.31E-5	-1.03E-4
	CC15	0.0402	0.3526	-0.1110	6.47E-4	-2.05E-5	-8.13E-5
	CC16	-0.0675	0.4473	-0.1230	8.03E-4	6.58E-5	-1.05E-5
	CC17	-0.0699	0.4642	-0.1238	8.32E-4	6.84E-5	1.14E-5
	CC18	0.0713	-0.4793	-0.0841	-8.89E-4	-8.74E-5	-8.10E-6
	CC19	0.0689	-0.4623	-0.0849	-8.60E-4	-8.47E-5	1.38E-5
	CC20	-0.0388	-0.3676	-0.0969	-7.03E-4	1.51E-6	8.46E-5
	CC21	-0.0412	-0.3506	-0.0977	-6.75E-4	4.17E-6	1.06E-4
116	CC1	-0.0035	-0.0097	-0.1194	8.08E-6	-5.55E-6	3.03E-6
	CC2	-0.0035	-0.0097	-0.1194	8.08E-6	-5.55E-6	3.03E-6
	CC3	-0.0035	-0.0097	-0.1194	8.08E-6	-5.55E-6	3.03E-6
	CC4	-0.0033	-0.0091	-0.1136	6.02E-6	-5.27E-6	2.95E-6
	CC5	-0.0033	-0.0091	-0.1136	6.02E-6	-5.27E-6	2.95E-6
	CC6	0.2536	-0.0115	-0.1022	2.97E-5	-2.20E-4	-1.69E-4
	CC7	0.2461	-0.0086	-0.1022	3.52E-5	-2.14E-4	-1.62E-4
	CC8	0.2348	-0.2665	-0.1133	-5.01E-4	-2.00E-4	-1.41E-4
	CC9	0.2273	-0.2636	-0.1133	-4.96E-4	-1.94E-4	-1.34E-4
	CC10	-0.2337	0.2459	-0.1101	5.07E-4	1.84E-4	1.39E-4
	CC11	-0.2412	0.2488	-0.1101	5.12E-4	1.90E-4	1.47E-4
	CC12	-0.2524	-0.0092	-0.1212	-2.45E-5	2.04E-4	1.68E-4
	CC13	-0.2599	-0.0063	-0.1212	-1.90E-5	2.10E-4	1.75E-4
	CC14	0.1125	0.3733	-0.0920	8.10E-4	-1.09E-4	-1.02E-4
	CC15	0.0897	0.3821	-0.0920	8.27E-4	-8.98E-5	-8.00E-5
	CC16	-0.0336	0.4505	-0.0944	9.54E-4	1.26E-5	-9.24E-6
	CC17	-0.0564	0.4593	-0.0944	9.70E-4	3.15E-5	1.27E-5
	CC18	0.0501	-0.4770	-0.1290	-9.60E-4	-4.19E-5	-6.83E-6
	CC19	0.0273	-0.4682	-0.1290	-9.43E-4	-2.29E-5	1.51E-5
	CC20	-0.0961	-0.3998	-0.1314	-8.17E-4	7.94E-5	8.58E-5
	CC21	-0.1189	-0.3910	-0.1314	-8.00E-4	9.83E-5	1.08E-4
117	CC1	0.0002	-0.0090	-0.1147	-2.56E-5	1.57E-5	2.86E-6
	CC2	0.0002	-0.0090	-0.1147	-2.56E-5	1.57E-5	2.86E-6
	CC3	0.0002	-0.0090	-0.1147	-2.56E-5	1.57E-5	2.86E-6
	CC4	0.0003	-0.0084	-0.1103	-2.35E-5	1.40E-5	2.83E-6
	CC5	0.0003	-0.0084	-0.1103	-2.35E-5	1.40E-5	2.83E-6
	CC6	0.2015	-0.0108	-0.0450	-1.87E-6	-1.40E-4	-1.69E-4
	CC7	0.1986	-0.0079	-0.0455	3.61E-6	-1.38E-4	-1.62E-4
	CC8	0.2004	-0.2659	-0.0515	-5.22E-4	-1.43E-4	-1.41E-4
	CC9	0.1976	-0.2630	-0.0521	-5.16E-4	-1.41E-4	-1.34E-4
	CC10	-0.1970	0.2466	-0.1657	4.71E-4	1.68E-4	1.39E-4
	CC11	-0.1999	0.2495	-0.1662	4.76E-4	1.70E-4	1.47E-4
	CC12	-0.1981	-0.0085	-0.1722	-4.92E-5	1.65E-4	1.68E-4
	CC13	-0.2009	-0.0056	-0.1728	-4.37E-5	1.67E-4	1.75E-4
	CC14	0.0662	0.3740	-0.0790	7.65E-4	-3.11E-5	-1.02E-4
	CC15	0.0575	0.3828	-0.0807	7.81E-4	-2.46E-5	-8.01E-5
	CC16	-0.0534	0.4512	-0.1152	9.07E-4	6.14E-5	-9.33E-6
	CC17	-0.0621	0.4600	-0.1169	9.23E-4	6.79E-5	1.26E-5
	CC18	0.0626	-0.4764	-0.1009	-9.69E-4	-4.11E-5	-6.92E-6
	CC19	0.0540	-0.4676	-0.1025	-9.52E-4	-3.46E-5	1.50E-5
	CC20	-0.0569	-0.3991	-0.1371	-8.27E-4	5.14E-5	8.57E-5
	CC21	-0.0656	-0.3904	-0.1387	-8.10E-4	5.79E-5	1.08E-4
118	CC1	0.0005	-0.0091	-0.1109	-3.63E-5	1.36E-5	3.44E-6
	CC2	0.0005	-0.0091	-0.1109	-3.63E-5	1.36E-5	3.44E-6
	CC3	0.0005	-0.0091	-0.1109	-3.63E-5	1.36E-5	3.44E-6
	CC4	0.0005	-0.0085	-0.1072	-3.39E-5	1.22E-5	3.35E-6
	CC5	0.0005	-0.0085	-0.1072	-3.39E-5	1.22E-5	3.35E-6
	CC6	0.1802	-0.0109	-0.0555	8.02E-6	2.08E-6	-1.69E-4
	CC7	0.1794	-0.0080	-0.0555	1.24E-5	3.66E-6	-1.62E-4
	CC8	0.1888	-0.2660	-0.0647	-4.86E-4	-1.05E-4	-1.40E-4
	CC9	0.1880	-0.2631	-0.0647	-4.81E-4	-1.03E-4	-1.33E-4
	CC10	-0.1869	0.2465	-0.1473	4.15E-4	1.26E-4	1.40E-4
	CC11	-0.1877	0.2494	-0.1474	4.19E-4	1.28E-4	1.47E-4
	CC12	-0.1783	-0.0086	-0.1565	-7.87E-5	1.98E-5	1.68E-4

	CC13	-0.1791	-0.0057	-0.1565	-7.43E-5	2.14E-5	1.76E-4
	CC14	0.0425	0.3738	-0.0769	7.22E-4	1.68E-4	-1.01E-4
	CC15	0.0401	0.3826	-0.0769	7.35E-4	1.73E-4	-7.96E-5
	CC16	-0.0677	0.4511	-0.1044	8.44E-4	2.06E-4	-8.83E-6
	CC17	-0.0700	0.4599	-0.1045	8.57E-4	2.10E-4	1.31E-5
	CC18	0.0711	-0.4765	-0.1075	-9.23E-4	-1.87E-4	-6.42E-6
	CC19	0.0688	-0.4677	-0.1076	-9.10E-4	-1.82E-4	1.55E-5
	CC20	-0.0390	-0.3993	-0.1351	-8.01E-4	-1.50E-4	8.62E-5
	CC21	-0.0414	-0.3905	-0.1351	-7.88E-4	-1.45E-4	1.08E-4
119	CC1	-0.0034	-0.0108	-0.1210	8.17E-6	-5.13E-6	2.77E-6
	CC2	-0.0034	-0.0108	-0.1210	8.17E-6	-5.13E-6	2.77E-6
	CC3	-0.0034	-0.0108	-0.1210	8.17E-6	-5.13E-6	2.77E-6
	CC4	-0.0032	-0.0101	-0.1152	5.76E-6	-4.99E-6	2.53E-6
	CC5	-0.0032	-0.0101	-0.1152	5.76E-6	-4.99E-6	2.53E-6
	CC6	0.2537	0.0516	-0.1058	1.47E-4	-2.18E-4	-1.70E-4
	CC7	0.2462	0.0518	-0.1058	1.47E-4	-2.12E-4	-1.63E-4
	CC8	0.2350	-0.2142	-0.1124	-4.04E-4	-1.95E-4	-1.41E-4
	CC9	0.2274	-0.2140	-0.1125	-4.03E-4	-1.89E-4	-1.34E-4
	CC10	-0.2336	0.1941	-0.1140	4.13E-4	1.79E-4	1.39E-4
	CC11	-0.2411	0.1943	-0.1140	4.14E-4	1.86E-4	1.46E-4
	CC12	-0.2523	-0.0716	-0.1206	-1.37E-4	2.02E-4	1.68E-4
	CC13	-0.2598	-0.0714	-0.1207	-1.37E-4	2.08E-4	1.75E-4
	CC14	0.1127	0.4113	-0.1008	8.82E-4	-1.12E-4	-1.02E-4
	CC15	0.0899	0.4119	-0.1009	8.83E-4	-9.28E-5	-8.05E-5
	CC16	-0.0335	0.4540	-0.1032	9.62E-4	7.62E-6	-9.70E-6
	CC17	-0.0563	0.4546	-0.1034	9.63E-4	2.64E-5	1.22E-5
	CC18	0.0502	-0.4745	-0.1231	-9.53E-4	-3.63E-5	-7.29E-6
	CC19	0.0274	-0.4739	-0.1232	-9.52E-4	-1.75E-5	1.46E-5
	CC20	-0.0960	-0.4318	-0.1255	-8.73E-4	8.29E-5	8.54E-5
	CC21	-0.1188	-0.4311	-0.1257	-8.72E-4	1.02E-4	1.07E-4
120	CC1	0.0000	-0.0102	-0.1110	-2.70E-5	-3.30E-6	2.21E-6
	CC2	0.0000	-0.0102	-0.1110	-2.70E-5	-3.30E-6	2.21E-6
	CC3	0.0000	-0.0102	-0.1110	-2.70E-5	-3.30E-6	2.21E-6
	CC4	0.0001	-0.0096	-0.1069	-2.51E-5	-3.26E-6	1.98E-6
	CC5	0.0001	-0.0096	-0.1069	-2.51E-5	-3.26E-6	1.98E-6
	CC6	0.2014	0.0521	-0.0735	1.17E-4	-2.91E-4	-1.70E-4
	CC7	0.1985	0.0523	-0.0736	1.18E-4	-2.87E-4	-1.63E-4
	CC8	0.2003	-0.2136	-0.0808	-4.39E-4	-2.94E-4	-1.42E-4
	CC9	0.1974	-0.2134	-0.0810	-4.38E-4	-2.90E-4	-1.35E-4
	CC10	-0.1972	0.1946	-0.1302	3.89E-4	2.83E-4	1.38E-4
	CC11	-0.2000	0.1949	-0.1304	3.90E-4	2.87E-4	1.46E-4
	CC12	-0.1982	-0.0711	-0.1376	-1.67E-4	2.81E-4	1.67E-4
	CC13	-0.2011	-0.0709	-0.1377	-1.66E-4	2.85E-4	1.74E-4
	CC14	0.0660	0.4118	-0.0846	8.60E-4	-9.12E-5	-1.03E-4
	CC15	0.0573	0.4124	-0.0850	8.62E-4	-7.91E-5	-8.10E-5
	CC16	-0.0535	0.4546	-0.1016	9.42E-4	8.11E-5	-1.03E-5
	CC17	-0.0622	0.4552	-0.1020	9.44E-4	9.32E-5	1.17E-5
	CC18	0.0625	-0.4740	-0.1092	-9.93E-4	-9.97E-5	-7.84E-6
	CC19	0.0538	-0.4733	-0.1096	-9.91E-4	-8.76E-5	1.41E-5
	CC20	-0.0571	-0.4312	-0.1262	-9.11E-4	7.26E-5	8.48E-5
	CC21	-0.0658	-0.4306	-0.1266	-9.09E-4	8.47E-5	1.07E-4
121	CC1	0.0003	-0.0106	-0.1019	-2.93E-5	-5.87E-7	3.24E-6
	CC2	0.0003	-0.0106	-0.1019	-2.93E-5	-5.87E-7	3.24E-6
	CC3	0.0003	-0.0106	-0.1019	-2.93E-5	-5.87E-7	3.24E-6
	CC4	0.0004	-0.0099	-0.0988	-2.76E-5	-4.47E-7	3.05E-6
	CC5	0.0004	-0.0099	-0.0988	-2.76E-5	-4.47E-7	3.05E-6
	CC6	0.1801	0.0518	-0.0309	9.31E-5	-2.30E-4	-1.69E-4
	CC7	0.1793	0.0520	-0.0302	9.38E-5	-2.29E-4	-1.62E-4
	CC8	0.1887	-0.2140	-0.0874	-3.94E-4	-2.65E-4	-1.41E-4
	CC9	0.1879	-0.2138	-0.0867	-3.93E-4	-2.64E-4	-1.34E-4
	CC10	-0.1870	0.1943	-0.1087	3.39E-4	2.63E-4	1.40E-4
	CC11	-0.1878	0.1945	-0.1080	3.40E-4	2.65E-4	1.47E-4
	CC12	-0.1784	-0.0714	-0.1652	-1.48E-4	2.28E-4	1.68E-4
	CC13	-0.1792	-0.0712	-0.1646	-1.47E-4	2.29E-4	1.75E-4
	CC14	0.0423	0.4115	0.0072	7.46E-4	-1.73E-5	-1.02E-4
	CC15	0.0400	0.4121	0.0092	7.49E-4	-1.37E-5	-7.99E-5
	CC16	-0.0678	0.4542	-0.0162	8.20E-4	1.31E-4	-9.18E-6
	CC17	-0.0701	0.4549	-0.0142	8.22E-4	1.34E-4	1.27E-5
	CC18	0.0710	-0.4743	-0.1813	-8.76E-4	-1.35E-4	-6.77E-6
	CC19	0.0687	-0.4737	-0.1793	-8.74E-4	-1.32E-4	1.51E-5
	CC20	-0.0391	-0.4315	-0.2046	-8.02E-4	1.29E-5	8.59E-5
	CC21	-0.0415	-0.4309	-0.2026	-8.00E-4	1.65E-5	1.08E-4

122	CC1	-0.0033	-0.0107	-0.1268	7.72E-6	-1.93E-5	-4.33E-7
	CC2	-0.0033	-0.0107	-0.1268	7.72E-6	-1.93E-5	-4.33E-7
	CC3	-0.0033	-0.0107	-0.1268	7.72E-6	-1.93E-5	-4.33E-7
	CC4	-0.0030	-0.0099	-0.1207	5.57E-6	-1.87E-5	-5.87E-7
	CC5	-0.0030	-0.0099	-0.1207	5.57E-6	-1.87E-5	-5.87E-7
	CC6	0.2538	0.1140	-0.1072	2.17E-4	-2.31E-4	-1.73E-4
	CC7	0.2463	0.1116	-0.1072	2.13E-4	-2.24E-4	-1.66E-4
	CC8	0.2351	-0.1620	-0.1213	-3.44E-4	-2.19E-4	-1.44E-4
	CC9	0.2276	-0.1645	-0.1213	-3.49E-4	-2.13E-4	-1.37E-4
	CC10	-0.2334	0.1451	-0.1160	3.58E-4	1.76E-4	1.36E-4
	CC11	-0.2409	0.1427	-0.1160	3.53E-4	1.82E-4	1.43E-4
	CC12	-0.2522	-0.1310	-0.1301	-2.03E-4	1.87E-4	1.64E-4
	CC13	-0.2597	-0.1334	-0.1301	-2.08E-4	1.94E-4	1.72E-4
	CC14	0.1128	0.4495	-0.0938	9.26E-4	-1.08E-4	-1.05E-4
	CC15	0.0900	0.4421	-0.0939	9.12E-4	-8.89E-5	-8.35E-5
	CC16	-0.0334	0.4588	-0.0964	9.69E-4	1.38E-5	-1.28E-5
	CC17	-0.0562	0.4514	-0.0965	9.54E-4	3.31E-5	9.11E-6
	CC18	0.0503	-0.4708	-0.1408	-9.44E-4	-7.01E-5	-1.04E-5
	CC19	0.0275	-0.4781	-0.1409	-9.59E-4	-5.07E-5	-1.15E-5
	CC20	-0.0958	-0.4615	-0.1434	-9.02E-4	5.20E-5	8.23E-5
	CC21	-0.1186	-0.4688	-0.1435	-9.17E-4	7.13E-5	1.04E-4
123	CC1	0.0002	-0.0102	-0.1136	-3.49E-5	-2.13E-5	-2.05E-6
	CC2	0.0002	-0.0102	-0.1136	-3.49E-5	-2.13E-5	-2.05E-6
	CC3	0.0002	-0.0102	-0.1136	-3.49E-5	-2.13E-5	-2.05E-6
	CC4	0.0003	-0.0094	-0.1095	-3.23E-5	-2.00E-5	-2.18E-6
	CC5	0.0003	-0.0094	-0.1095	-3.23E-5	-2.00E-5	-2.18E-6
	CC6	0.2014	0.1145	-0.1648	2.24E-4	-2.63E-4	-1.75E-4
	CC7	0.1986	0.1121	-0.1637	2.19E-4	-2.60E-4	-1.67E-4
	CC8	0.2003	-0.1616	-0.1712	-3.40E-4	-2.66E-4	-1.46E-4
	CC9	0.1975	-0.1640	-0.1702	-3.44E-4	-2.63E-4	-1.39E-4
	CC10	-0.1968	0.1456	-0.0460	2.81E-4	2.24E-4	1.34E-4
	CC11	-0.1997	0.1432	-0.0450	2.77E-4	2.27E-4	1.42E-4
	CC12	-0.1979	-0.1305	-0.0525	-2.82E-4	2.21E-4	1.63E-4
	CC13	-0.2008	-0.1329	-0.0514	-2.86E-4	2.24E-4	1.70E-4
	CC14	0.0662	0.4500	-0.1167	9.05E-4	-9.32E-5	-1.07E-4
	CC15	0.0576	0.4426	-0.1136	8.92E-4	-8.36E-5	-8.51E-5
	CC16	-0.0533	0.4593	-0.0811	9.22E-4	5.29E-5	-1.44E-5
	CC17	-0.0619	0.4519	-0.0780	9.09E-4	6.25E-5	7.53E-6
	CC18	0.0625	-0.4703	-0.1382	-9.72E-4	-1.02E-4	-1.20E-5
	CC19	0.0539	-0.4776	-0.1351	-9.85E-4	-9.21E-5	9.94E-6
	CC20	-0.0569	-0.4610	-0.1026	-9.55E-4	4.44E-5	8.07E-5
	CC21	-0.0656	-0.4683	-0.0995	-9.68E-4	5.40E-5	1.03E-4
124	CC1	0.0003	-0.0101	-0.1190	-4.43E-5	-2.36E-5	-1.01E-6
	CC2	0.0003	-0.0101	-0.1190	-4.43E-5	-2.36E-5	-1.01E-6
	CC3	0.0003	-0.0101	-0.1190	-4.43E-5	-2.36E-5	-1.01E-6
	CC4	0.0004	-0.0094	-0.1145	-4.07E-5	-2.26E-5	-9.86E-7
	CC5	0.0004	-0.0094	-0.1145	-4.07E-5	-2.26E-5	-9.86E-7
	CC6	0.1801	0.1130	-0.1203	7.05E-5	-2.17E-4	-1.73E-4
	CC7	0.1793	0.1106	-0.1200	6.85E-5	-2.17E-4	-1.66E-4
	CC8	0.1887	-0.1629	-0.1304	-2.36E-4	-1.87E-4	-1.45E-4
	CC9	0.1879	-0.1652	-0.1301	-2.38E-4	-1.87E-4	-1.38E-4
	CC10	-0.1870	0.1469	-0.0960	1.59E-4	1.43E-4	1.36E-4
	CC11	-0.1878	0.1446	-0.0957	1.57E-4	1.42E-4	1.43E-4
	CC12	-0.1784	-0.1289	-0.1061	-1.47E-4	1.73E-4	1.64E-4
	CC13	-0.1792	-0.1312	-0.1058	-1.49E-4	1.73E-4	1.71E-4
	CC14	0.0424	0.4490	-0.1004	4.61E-4	-1.26E-4	-1.06E-4
	CC15	0.0400	0.4419	-0.0995	4.55E-4	-1.27E-4	-8.39E-5
	CC16	-0.0678	0.4592	-0.0931	4.88E-4	-1.84E-5	-1.31E-5
	CC17	-0.0701	0.4521	-0.0922	4.82E-4	-1.92E-5	8.77E-6
	CC18	0.0710	-0.4704	-0.1340	-5.60E-4	-2.54E-5	-1.07E-5
	CC19	0.0687	-0.4775	-0.1330	-5.66E-4	-2.62E-5	1.12E-5
	CC20	-0.0391	-0.4602	-0.1267	-5.34E-4	8.26E-5	8.19E-5
	CC21	-0.0415	-0.4673	-0.1258	-5.40E-4	8.17E-5	1.04E-4
125	CC1	-0.0030	-0.0087	-0.1447	7.26E-6	-1.82E-5	-8.21E-7
	CC2	-0.0030	-0.0087	-0.1447	7.26E-6	-1.82E-5	-8.21E-7
	CC3	-0.0030	-0.0087	-0.1447	7.26E-6	-1.82E-5	-8.21E-7
	CC4	-0.0027	-0.0080	-0.1380	5.82E-6	-1.78E-5	-8.76E-7
	CC5	-0.0027	-0.0080	-0.1380	5.82E-6	-1.78E-5	-8.76E-7
	CC6	0.2541	0.1797	-0.1191	1.40E-4	-1.86E-4	-1.73E-4
	CC7	0.2466	0.1746	-0.1191	1.26E-4	-1.80E-4	-1.66E-4
	CC8	0.2354	-0.1068	-0.1356	-3.56E-4	-2.00E-4	-1.45E-4
	CC9	0.2278	-0.1118	-0.1356	-3.70E-4	-1.94E-4	-1.37E-4

	CC10	-0.2332	0.0963	-0.1360	3.80E-4	1.59E-4	1.36E-4
	CC11	-0.2407	0.0913	-0.1360	3.67E-4	1.64E-4	1.43E-4
	CC12	-0.2519	-0.1901	-0.1525	-1.16E-4	1.45E-4	1.64E-4
	CC13	-0.2594	-0.1952	-0.1525	-1.29E-4	1.50E-4	1.71E-4
	CC14	0.1131	0.4898	-0.1057	8.16E-4	-5.38E-5	-1.06E-4
	CC15	0.0903	0.4745	-0.1057	7.76E-4	-3.79E-5	-8.38E-5
	CC16	-0.0331	0.4648	-0.1107	8.88E-4	4.96E-5	-1.31E-5
	CC17	-0.0559	0.4495	-0.1107	8.48E-4	6.55E-5	8.85E-6
	CC18	0.0506	-0.4650	-0.1609	-8.37E-4	-1.01E-4	-1.06E-5
	CC19	0.0278	-0.4803	-0.1609	-8.77E-4	-8.50E-5	1.13E-5
	CC20	-0.0956	-0.4900	-0.1659	-7.65E-4	2.50E-6	8.20E-5
	CC21	-0.1184	-0.5053	-0.1660	-8.05E-4	1.84E-5	1.04E-4
126	CC1	0.0003	-0.0079	-0.1423	-6.27E-5	-6.54E-5	-4.31E-6
	CC2	0.0003	-0.0079	-0.1423	-6.27E-5	-6.54E-5	-4.31E-6
	CC3	0.0003	-0.0079	-0.1423	-6.27E-5	-6.54E-5	-4.31E-6
	CC4	0.0004	-0.0073	-0.1363	-5.80E-5	-6.09E-5	-4.10E-6
	CC5	0.0004	-0.0073	-0.1363	-5.80E-5	-6.09E-5	-4.10E-6
	CC6	0.2016	0.1804	-0.1600	1.66E-4	3.65E-5	-1.76E-4
	CC7	0.1988	0.1753	-0.1598	1.59E-4	3.44E-5	-1.69E-4
	CC8	0.2006	-0.1060	-0.1679	-3.69E-4	3.31E-5	-1.48E-4
	CC9	0.1977	-0.1111	-0.1677	-3.77E-4	3.10E-5	-1.41E-4
	CC10	-0.1969	0.0970	-0.1008	2.64E-4	-1.50E-4	1.33E-4
	CC11	-0.1998	0.0920	-0.1006	2.57E-4	-1.52E-4	1.40E-4
	CC12	-0.1980	-0.1894	-0.1088	-2.72E-4	-1.53E-4	1.61E-4
	CC13	-0.2008	-0.1944	-0.1086	-2.79E-4	-1.55E-4	1.68E-4
	CC14	0.0663	0.4905	-0.1302	8.32E-4	-2.26E-5	-1.09E-4
	CC15	0.0576	0.4752	-0.1296	8.10E-4	-2.91E-5	-8.69E-5
	CC16	-0.0533	0.4655	-0.1124	8.61E-4	-7.85E-5	-1.62E-5
	CC17	-0.0620	0.4502	-0.1118	8.39E-4	-8.50E-5	5.72E-6
	CC18	0.0628	-0.4643	-0.1567	-9.52E-4	-3.38E-5	-1.38E-5
	CC19	0.0541	-0.4795	-0.1561	-9.74E-4	-4.04E-5	8.13E-6
	CC20	-0.0568	-0.4893	-0.1390	-9.23E-4	-8.97E-5	7.89E-5
	CC21	-0.0655	-0.5046	-0.1384	-9.45E-4	-9.63E-5	1.01E-4
127	CC1	0.0005	-0.0072	-0.1241	-4.62E-5	-2.33E-5	3.39E-6
	CC2	0.0005	-0.0072	-0.1241	-4.62E-5	-2.33E-5	3.39E-6
	CC3	0.0005	-0.0072	-0.1241	-4.62E-5	-2.33E-5	3.39E-6
	CC4	0.0006	-0.0066	-0.1199	-4.25E-5	-2.23E-5	3.32E-6
	CC5	0.0006	-0.0066	-0.1199	-4.25E-5	-2.23E-5	3.32E-6
	CC6	0.1803	0.1811	-0.1214	1.61E-4	-1.82E-4	-1.69E-4
	CC7	0.1795	0.1760	-0.1218	1.57E-4	-1.81E-4	-1.62E-4
	CC8	0.1889	-0.1054	-0.1355	-1.06E-4	-1.54E-4	-1.40E-4
	CC9	0.1881	-0.1104	-0.1358	-1.10E-4	-1.53E-4	-1.33E-4
	CC10	-0.1868	0.0977	-0.1012	2.72E-5	1.09E-4	1.40E-4
	CC11	-0.1876	0.0927	-0.1015	2.38E-5	1.10E-4	1.47E-4
	CC12	-0.1782	-0.1887	-0.1152	-2.40E-4	1.37E-4	1.68E-4
	CC13	-0.1790	-0.1938	-0.1156	-2.43E-4	1.38E-4	1.76E-4
	CC14	0.0426	0.4912	-0.0976	4.29E-4	-1.14E-4	-1.02E-4
	CC15	0.0402	0.4759	-0.0987	4.19E-4	-1.11E-4	-7.96E-5
	CC16	-0.0676	0.4662	-0.0915	3.89E-4	-2.67E-5	-8.87E-6
	CC17	-0.0699	0.4509	-0.0926	3.79E-4	-2.33E-5	1.30E-5
	CC18	0.0712	-0.4636	-0.1444	-4.61E-4	-2.08E-5	-6.46E-6
	CC19	0.0689	-0.4789	-0.1455	-4.71E-4	-1.73E-5	1.54E-5
	CC20	-0.0389	-0.4886	-0.1384	-5.01E-4	6.67E-5	8.62E-5
	CC21	-0.0413	-0.5039	-0.1394	-5.11E-4	7.01E-5	1.08E-4
128	CC1	0.0022	-0.0074	-0.0993	-7.15E-5	-1.22E-5	2.62E-6
	CC2	0.0022	-0.0074	-0.0993	-7.15E-5	-1.22E-5	2.62E-6
	CC3	0.0022	-0.0074	-0.0993	-7.15E-5	-1.22E-5	2.62E-6
	CC4	0.0022	-0.0067	-0.0965	-6.76E-5	-1.22E-5	2.55E-6
	CC5	0.0022	-0.0067	-0.0965	-6.76E-5	-1.22E-5	2.55E-6
	CC6	0.1619	0.1737	-0.1481	1.34E-4	-2.50E-4	-1.70E-4
	CC7	0.1636	0.1689	-0.1481	1.31E-4	-2.53E-4	-1.63E-4
	CC8	0.1799	-0.1116	-0.1207	-1.25E-4	-2.82E-4	-1.41E-4
	CC9	0.1816	-0.1163	-0.1207	-1.29E-4	-2.84E-4	-1.34E-4
	CC10	-0.1771	0.1033	-0.0705	-4.10E-6	2.60E-4	1.39E-4
	CC11	-0.1754	0.0985	-0.0705	-7.44E-6	2.57E-4	1.46E-4
	CC12	-0.1591	-0.1820	-0.0431	-2.63E-4	2.29E-4	1.68E-4
	CC13	-0.1574	-0.1867	-0.0432	-2.67E-4	2.26E-4	1.75E-4
	CC14	0.0205	0.4866	-0.1528	3.92E-4	-3.31E-5	-1.02E-4
	CC15	0.0257	0.4723	-0.1529	3.82E-4	-4.09E-5	-8.04E-5
	CC16	-0.0812	0.4655	-0.1296	3.50E-4	1.20E-4	-9.63E-6
	CC17	-0.0761	0.4511	-0.1296	3.40E-4	1.12E-4	1.23E-5
	CC18	0.0805	-0.4642	-0.0616	-4.73E-4	-1.37E-4	-7.22E-6

	CC19	0.0857	-0.4785	-0.0617	-4.83E-4	-1.44E-4	1.47E-5
	CC20	-0.0212	-0.4853	-0.0383	-5.14E-4	1.65E-5	8.54E-5
	CC21	-0.0160	-0.4996	-0.0384	-5.24E-4	8.74E-6	1.07E-4
129	CC1	-0.0026	-0.0085	-0.1500	2.02E-5	-4.60E-6	3.28E-6
	CC2	-0.0026	-0.0085	-0.1500	2.02E-5	-4.60E-6	3.28E-6
	CC3	-0.0026	-0.0085	-0.1500	2.02E-5	-4.60E-6	3.28E-6
	CC4	-0.0023	-0.0078	-0.1435	2.13E-5	-4.67E-6	3.16E-6
	CC5	-0.0023	-0.0078	-0.1435	2.13E-5	-4.67E-6	3.16E-6
	CC6	0.2545	0.2439	-0.1092	1.53E-4	-3.39E-4	-1.69E-4
	CC7	0.2470	0.2362	-0.1096	1.50E-4	-3.30E-4	-1.62E-4
	CC8	0.2358	-0.0532	-0.1382	1.07E-5	-3.12E-4	-1.41E-4
	CC9	0.2283	-0.0609	-0.1387	7.12E-6	-3.03E-4	-1.33E-4
	CC10	-0.2328	0.0458	-0.1440	3.62E-5	2.93E-4	1.40E-4
	CC11	-0.2403	0.0381	-0.1445	3.27E-5	3.03E-4	1.47E-4
	CC12	-0.2515	-0.2513	-0.1731	-1.06E-4	3.20E-4	1.68E-4
	CC13	-0.2590	-0.2590	-0.1735	-1.10E-4	3.30E-4	1.75E-4
	CC14	0.1135	0.5290	-0.0870	2.82E-4	-1.59E-4	-1.02E-4
	CC15	0.0907	0.5056	-0.0884	2.72E-4	-1.30E-4	-7.98E-5
	CC16	-0.0327	0.4696	-0.0975	2.47E-4	3.04E-5	-9.03E-6
	CC17	-0.0555	0.4461	-0.0988	2.36E-4	5.96E-5	1.29E-5
	CC18	0.0510	-0.4612	-0.1839	-1.93E-4	-6.90E-5	-6.62E-6
	CC19	0.0282	-0.4847	-0.1852	-2.04E-4	-3.98E-5	1.53E-5
	CC20	-0.0952	-0.5207	-0.1943	-2.28E-4	1.21E-4	8.60E-5
	CC21	-0.1180	-0.5441	-0.1957	-2.39E-4	1.50E-4	1.08E-4
130	CC1	0.0006	-0.0085	-0.1381	-2.04E-5	-4.73E-7	1.52E-6
	CC2	0.0006	-0.0085	-0.1381	-2.04E-5	-4.73E-7	1.52E-6
	CC3	0.0006	-0.0085	-0.1381	-2.04E-5	-4.73E-7	1.52E-6
	CC4	0.0007	-0.0078	-0.1327	-1.85E-5	-6.96E-7	1.49E-6
	CC5	0.0007	-0.0078	-0.1327	-1.85E-5	-6.96E-7	1.49E-6
	CC6	0.2020	0.2447	-0.1360	1.69E-4	-2.83E-4	-1.71E-4
	CC7	0.1991	0.2370	-0.1363	1.63E-4	-2.78E-4	-1.64E-4
	CC8	0.2009	-0.0525	-0.1513	-4.51E-5	-2.79E-4	-1.42E-4
	CC9	0.1981	-0.0603	-0.1516	-5.04E-5	-2.75E-4	-1.35E-4
	CC10	-0.1966	0.0451	-0.1101	1.46E-5	2.73E-4	1.38E-4
	CC11	-0.1994	0.0373	-0.1105	9.34E-6	2.78E-4	1.45E-4
	CC12	-0.1976	-0.2521	-0.1254	-1.99E-4	2.77E-4	1.67E-4
	CC13	-0.2005	-0.2599	-0.1258	-2.04E-4	2.81E-4	1.74E-4
	CC14	0.0666	0.5295	-0.1086	3.70E-4	-9.66E-5	-1.03E-4
	CC15	0.0579	0.5059	-0.1098	3.54E-4	-8.30E-5	-8.14E-5
	CC16	-0.0529	0.4696	-0.1009	3.23E-4	7.01E-5	-1.07E-5
	CC17	-0.0616	0.4460	-0.1020	3.07E-4	8.37E-5	1.12E-5
	CC18	0.0631	-0.4612	-0.1597	-3.43E-4	-8.52E-5	-8.27E-6
	CC19	0.0544	-0.4848	-0.1608	-3.59E-4	-7.16E-5	1.36E-5
	CC20	-0.0565	-0.5211	-0.1519	-3.89E-4	8.15E-5	8.44E-5
	CC21	-0.0651	-0.5447	-0.1531	-4.05E-4	9.51E-5	1.06E-4
131	CC1	0.0009	-0.0085	-0.1372	-2.47E-5	-7.53E-6	2.14E-6
	CC2	0.0009	-0.0085	-0.1372	-2.47E-5	-7.53E-6	2.14E-6
	CC3	0.0009	-0.0085	-0.1372	-2.47E-5	-7.53E-6	2.14E-6
	CC4	0.0010	-0.0078	-0.1324	-2.12E-5	-7.48E-6	2.10E-6
	CC5	0.0010	-0.0078	-0.1324	-2.12E-5	-7.48E-6	2.10E-6
	CC6	0.1806	0.2439	-0.1476	-3.93E-6	-1.66E-4	-1.70E-4
	CC7	0.1798	0.2362	-0.1475	-7.77E-6	-1.65E-4	-1.63E-4
	CC8	0.1892	-0.0531	-0.1409	-1.61E-4	-1.52E-4	-1.42E-4
	CC9	0.1884	-0.0609	-0.1407	-1.65E-4	-1.51E-4	-1.34E-4
	CC10	-0.1864	0.0458	-0.1209	1.25E-4	1.36E-4	1.39E-4
	CC11	-0.1872	0.0381	-0.1207	1.21E-4	1.37E-4	1.46E-4
	CC12	-0.1778	-0.2513	-0.1141	-3.22E-5	1.50E-4	1.67E-4
	CC13	-0.1786	-0.2590	-0.1139	-3.60E-5	1.51E-4	1.74E-4
	CC14	0.0429	0.5290	-0.1463	2.28E-4	-7.72E-5	-1.03E-4
	CC15	0.0405	0.5056	-0.1458	2.17E-4	-7.40E-5	-8.08E-5
	CC16	-0.0672	0.4696	-0.1383	2.67E-4	1.33E-5	-1.01E-5
	CC17	-0.0696	0.4461	-0.1378	2.55E-4	1.65E-5	1.18E-5
	CC18	0.0716	-0.4612	-0.1238	-2.95E-4	-3.15E-5	-7.65E-6
	CC19	0.0692	-0.4846	-0.1233	-3.07E-4	-2.83E-5	1.43E-5
	CC20	-0.0385	-0.5206	-0.1158	-2.57E-4	5.91E-5	8.50E-5
	CC21	-0.0409	-0.5441	-0.1153	-2.68E-4	6.23E-5	1.07E-4
132	CC1	0.0021	-0.0084	-0.1153	-6.99E-5	-5.19E-6	3.92E-7
	CC2	0.0021	-0.0084	-0.1153	-6.99E-5	-5.19E-6	3.92E-7
	CC3	0.0021	-0.0084	-0.1153	-6.99E-5	-5.19E-6	3.92E-7
	CC4	0.0022	-0.0077	-0.1124	-6.48E-5	-5.59E-6	3.87E-7
	CC5	0.0022	-0.0077	-0.1124	-6.48E-5	-5.59E-6	3.87E-7
	CC6	0.1619	0.2440	-0.1059	-4.94E-5	-1.77E-4	-1.72E-4

	CC7	0.1636	0.2363	-0.1048	-5.52E-5	-1.79E-4	-1.65E-4
	CC8	0.1799	-0.0531	-0.0719	-2.78E-4	-2.00E-4	-1.43E-4
	CC9	0.1816	-0.0608	-0.0708	-2.84E-4	-2.02E-4	-1.36E-4
	CC10	-0.1772	0.0459	-0.1521	1.58E-4	1.90E-4	1.37E-4
	CC11	-0.1755	0.0381	-0.1510	1.52E-4	1.89E-4	1.44E-4
	CC12	-0.1592	-0.2512	-0.1181	-7.10E-5	1.68E-4	1.65E-4
	CC13	-0.1575	-0.2589	-0.1170	-7.69E-5	1.66E-4	1.73E-4
	CC14	0.0205	0.5291	-0.1628	2.96E-4	-2.01E-5	-1.04E-4
	CC15	0.0256	0.5056	-0.1596	2.78E-4	-2.55E-5	-8.25E-5
	CC16	-0.0812	0.4697	-0.1767	3.58E-4	9.02E-5	-1.18E-5
	CC17	-0.0761	0.4462	-0.1735	3.40E-4	8.48E-5	1.01E-5
	CC18	0.0805	-0.4611	-0.0494	-4.66E-4	-9.63E-5	-9.36E-6
	CC19	0.0856	-0.4846	-0.0462	-4.84E-4	-1.02E-4	1.25E-5
	CC20	-0.0212	-0.5206	-0.0633	-4.04E-4	1.40E-5	8.33E-5
	CC21	-0.0161	-0.5440	-0.0600	-4.22E-4	8.62E-6	1.05E-4
133	CC1	-0.0020	-0.0077	-0.1570	1.33E-5	-8.95E-6	-2.09E-6
	CC2	-0.0020	-0.0077	-0.1570	1.33E-5	-8.95E-6	-2.09E-6
	CC3	-0.0020	-0.0077	-0.1570	1.33E-5	-8.95E-6	-2.09E-6
	CC4	-0.0018	-0.0071	-0.1502	1.22E-5	-9.19E-6	-1.92E-6
	CC5	-0.0018	-0.0071	-0.1502	1.22E-5	-9.19E-6	-1.92E-6
	CC6	0.2550	0.3061	-0.1525	5.14E-4	-1.81E-4	-1.74E-4
	CC7	0.2475	0.2957	-0.1531	4.97E-4	-1.77E-4	-1.67E-4
	CC8	0.2363	-0.0012	-0.1815	-1.23E-6	-1.94E-4	-1.46E-4
	CC9	0.2288	-0.0115	-0.1820	-1.78E-5	-1.90E-4	-1.38E-4
	CC10	-0.2322	-0.0023	-0.1138	4.15E-5	1.71E-4	1.35E-4
	CC11	-0.2398	-0.0126	-0.1144	2.49E-5	1.75E-4	1.42E-4
	CC12	-0.2510	-0.3095	-0.1428	-4.73E-4	1.59E-4	1.63E-4
	CC13	-0.2585	-0.3198	-0.1433	-4.90E-4	1.63E-4	1.70E-4
	CC14	0.1140	0.5671	-0.1046	9.66E-4	-4.76E-5	-1.07E-4
	CC15	0.0912	0.5358	-0.1063	9.16E-4	-3.46E-5	-8.48E-5
	CC16	-0.0322	0.4746	-0.0930	8.24E-4	5.82E-5	-1.40E-5
	CC17	-0.0550	0.4433	-0.0947	7.74E-4	7.12E-5	7.88E-6
	CC18	0.0515	-0.4571	-0.2011	-7.50E-4	-8.97E-5	-1.16E-5
	CC19	0.0287	-0.4884	-0.2029	-8.01E-4	-7.67E-5	1.03E-5
	CC20	-0.0947	-0.5496	-0.1895	-8.92E-4	1.60E-5	8.10E-5
	CC21	-0.1175	-0.5809	-0.1913	-9.42E-4	2.91E-5	1.03E-4
134	CC1	0.0009	-0.0071	-0.1541	-4.67E-5	5.18E-5	-2.00E-6
	CC2	0.0009	-0.0071	-0.1541	-4.67E-5	5.18E-5	-2.00E-6
	CC3	0.0009	-0.0071	-0.1541	-4.67E-5	5.18E-5	-2.00E-6
	CC4	0.0010	-0.0065	-0.1477	-4.28E-5	4.61E-5	-1.83E-6
	CC5	0.0010	-0.0065	-0.1477	-4.28E-5	4.61E-5	-1.83E-6
	CC6	0.2023	0.3075	-0.1195	5.13E-4	1.50E-5	-1.74E-4
	CC7	0.1994	0.2972	-0.1202	4.95E-4	1.12E-5	-1.67E-4
	CC8	0.2012	0.0001	-0.1354	-2.22E-5	-7.95E-5	-1.46E-4
	CC9	0.1984	-0.0102	-0.1361	-3.95E-5	-8.33E-5	-1.38E-4
	CC10	-0.1963	-0.0023	-0.1551	-4.36E-5	1.72E-4	1.35E-4
	CC11	-0.1991	-0.0126	-0.1558	-6.09E-5	1.68E-4	1.42E-4
	CC12	-0.1973	-0.3097	-0.1710	-5.78E-4	7.73E-5	1.63E-4
	CC13	-0.2002	-0.3200	-0.1717	-5.96E-4	7.35E-5	1.71E-4
	CC14	0.0669	0.5683	-0.1126	9.59E-4	1.84E-4	-1.07E-4
	CC15	0.0583	0.5369	-0.1149	9.07E-4	1.73E-4	-8.47E-5
	CC16	-0.0526	0.4754	-0.1233	7.93E-4	2.31E-4	-1.39E-5
	CC17	-0.0613	0.4440	-0.1255	7.40E-4	2.20E-4	7.97E-6
	CC18	0.0634	-0.4564	-0.1656	-8.23E-4	-1.31E-4	-1.15E-5
	CC19	0.0547	-0.4878	-0.1679	-8.76E-4	-1.43E-4	1.04E-5
	CC20	-0.0562	-0.5494	-0.1763	-9.90E-4	-8.40E-5	8.11E-5
	CC21	-0.0648	-0.5808	-0.1785	-1.04E-3	-9.55E-5	1.03E-4
135	CC1	0.0017	-0.0069	-0.1268	-9.81E-6	1.55E-6	1.55E-6
	CC2	0.0017	-0.0069	-0.1268	-9.81E-6	1.55E-6	1.55E-6
	CC3	0.0017	-0.0069	-0.1268	-9.81E-6	1.55E-6	1.55E-6
	CC4	0.0018	-0.0063	-0.1228	-7.82E-6	7.99E-7	1.54E-6
	CC5	0.0018	-0.0063	-0.1228	-7.82E-6	7.99E-7	1.54E-6
	CC6	0.1814	0.2997	-0.1289	2.36E-4	-2.60E-4	-1.71E-4
	CC7	0.1806	0.2897	-0.1291	2.29E-4	-2.58E-4	-1.64E-4
	CC8	0.1900	-0.0064	-0.1339	-2.96E-6	-2.68E-4	-1.42E-4
	CC9	0.1892	-0.0164	-0.1342	-9.47E-6	-2.66E-4	-1.35E-4
	CC10	-0.1857	0.0043	-0.1088	-4.83E-6	2.67E-4	1.38E-4
	CC11	-0.1864	-0.0057	-0.1090	-1.13E-5	2.69E-4	1.45E-4
	CC12	-0.1771	-0.3018	-0.1138	-2.44E-4	2.59E-4	1.67E-4
	CC13	-0.1778	-0.3118	-0.1141	-2.50E-4	2.61E-4	1.74E-4
	CC14	0.0437	0.5636	-0.1157	4.37E-4	-6.78E-5	-1.03E-4
	CC15	0.0413	0.5332	-0.1165	4.17E-4	-6.20E-5	-8.14E-5

	CC16	-0.0664	0.4750	-0.1096	3.65E-4	9.04E-5	-1.06E-5
	CC17	-0.0688	0.4446	-0.1104	3.45E-4	9.62E-5	1.13E-5
	CC18	0.0724	-0.4567	-0.1325	-3.59E-4	-9.51E-5	-8.21E-6
	CC19	0.0700	-0.4871	-0.1334	-3.79E-4	-8.93E-5	1.37E-5
	CC20	-0.0377	-0.5453	-0.1265	-4.31E-4	6.31E-5	8.44E-5
	CC21	-0.0401	-0.5757	-0.1273	-4.51E-4	6.89E-5	1.06E-4
136	CC1	0.0024	-0.0070	-0.1169	-4.22E-5	-8.25E-6	-2.76E-6
	CC2	0.0024	-0.0070	-0.1169	-4.22E-5	-8.25E-6	-2.76E-6
	CC3	0.0024	-0.0070	-0.1169	-4.22E-5	-8.25E-6	-2.76E-6
	CC4	0.0025	-0.0064	-0.1141	-3.84E-5	-8.52E-6	-2.55E-6
	CC5	0.0025	-0.0064	-0.1141	-3.84E-5	-8.52E-6	-2.55E-6
	CC6	0.1622	0.3069	-0.1875	1.83E-4	-2.14E-4	-1.75E-4
	CC7	0.1639	0.2965	-0.1873	1.78E-4	-2.16E-4	-1.68E-4
	CC8	0.1802	-0.0004	-0.1616	-2.49E-5	-2.31E-4	-1.46E-4
	CC9	0.1819	-0.0107	-0.1613	-3.02E-5	-2.32E-4	-1.39E-4
	CC10	-0.1768	-0.0016	-0.0651	-4.40E-5	2.15E-4	1.34E-4
	CC11	-0.1751	-0.0119	-0.0648	-4.94E-5	2.13E-4	1.41E-4
	CC12	-0.1588	-0.3089	-0.0391	-2.52E-4	1.99E-4	1.63E-4
	CC13	-0.1571	-0.3192	-0.0388	-2.57E-4	1.97E-4	1.70E-4
	CC14	0.0208	0.5679	-0.1753	3.51E-4	-4.28E-5	-1.07E-4
	CC15	0.0260	0.5366	-0.1744	3.35E-4	-4.81E-5	-8.54E-5
	CC16	-0.0809	0.4754	-0.1385	2.83E-4	8.60E-5	-1.46E-5
	CC17	-0.0758	0.4441	-0.1377	2.67E-4	8.07E-5	7.27E-6
	CC18	0.0808	-0.4564	-0.0887	-3.41E-4	-9.80E-5	-1.22E-5
	CC19	0.0860	-0.4877	-0.0878	-3.58E-4	-1.03E-4	9.68E-6
	CC20	-0.0209	-0.5489	-0.0520	-4.09E-4	3.08E-5	8.04E-5
	CC21	-0.0157	-0.5803	-0.0511	-4.26E-4	2.56E-5	1.02E-4
137	CC1	0.0023	-0.0065	-0.1212	6.13E-6	4.60E-5	-2.41E-6
	CC2	0.0023	-0.0065	-0.1212	6.13E-6	4.60E-5	-2.41E-6
	CC3	0.0023	-0.0065	-0.1212	6.13E-6	4.60E-5	-2.41E-6
	CC4	0.0024	-0.0059	-0.1181	6.57E-6	4.23E-5	-2.21E-6
	CC5	0.0024	-0.0059	-0.1181	6.57E-6	4.23E-5	-2.21E-6
	CC6	0.1820	0.3541	-0.1519	3.12E-4	-1.27E-4	-1.74E-4
	CC7	0.1812	0.3418	-0.1508	3.02E-4	-1.21E-4	-1.67E-4
	CC8	0.1906	0.0391	-0.1222	3.18E-5	5.40E-6	-1.46E-4
	CC9	0.1898	0.0268	-0.1210	2.24E-5	1.07E-5	-1.39E-4
	CC10	-0.1851	-0.0382	-0.1132	-8.97E-6	7.14E-5	1.34E-4
	CC11	-0.1859	-0.0505	-0.1120	-1.84E-5	7.67E-5	1.42E-4
	CC12	-0.1765	-0.3532	-0.0834	-2.89E-4	2.03E-4	1.63E-4
	CC13	-0.1773	-0.3655	-0.0823	-2.98E-4	2.09E-4	1.70E-4
	CC14	0.0443	0.5968	-0.1743	5.36E-4	-2.17E-4	-1.07E-4
	CC15	0.0419	0.5596	-0.1707	5.07E-4	-2.01E-4	-8.50E-5
	CC16	-0.0658	0.4791	-0.1627	4.39E-4	-1.57E-4	-1.43E-5
	CC17	-0.0682	0.4419	-0.1591	4.11E-4	-1.41E-4	7.61E-6
	CC18	0.0730	-0.4533	-0.0751	-3.97E-4	2.23E-4	-1.19E-5
	CC19	0.0706	-0.4905	-0.0715	-4.26E-4	2.39E-4	1.00E-5
	CC20	-0.0372	-0.5710	-0.0634	-4.93E-4	2.83E-4	8.08E-5
	CC21	-0.0395	-0.6082	-0.0599	-5.22E-4	2.99E-4	1.03E-4
138	CC1	0.0025	-0.0065	-0.1194	-2.59E-5	9.92E-6	-4.13E-7
	CC2	0.0025	-0.0065	-0.1194	-2.59E-5	9.92E-6	-4.13E-7
	CC3	0.0025	-0.0065	-0.1194	-2.59E-5	9.92E-6	-4.13E-7
	CC4	0.0026	-0.0059	-0.1168	-2.36E-5	8.97E-6	-2.88E-7
	CC5	0.0026	-0.0059	-0.1168	-2.36E-5	8.97E-6	-2.88E-7
	CC6	0.1623	0.3541	-0.1864	9.39E-5	1.11E-4	-1.73E-4
	CC7	0.1640	0.3418	-0.1850	9.40E-5	1.17E-4	-1.65E-4
	CC8	0.1803	0.0391	-0.1398	6.04E-5	2.12E-4	-1.44E-4
	CC9	0.1820	0.0268	-0.1383	6.05E-5	2.18E-4	-1.37E-4
	CC10	-0.1768	-0.0382	-0.0934	-1.06E-4	-2.00E-4	1.36E-4
	CC11	-0.1751	-0.0505	-0.0920	-1.06E-4	-1.95E-4	1.44E-4
	CC12	-0.1588	-0.3533	-0.0467	-1.40E-4	-9.95E-5	1.65E-4
	CC13	-0.1571	-0.3655	-0.0453	-1.40E-4	-9.38E-5	1.72E-4
	CC14	0.0209	0.5968	-0.2098	6.27E-5	-1.21E-4	-1.05E-4
	CC15	0.0260	0.5596	-0.2054	6.31E-5	-1.04E-4	-8.32E-5
	CC16	-0.0808	0.4791	-0.1818	2.70E-6	-2.15E-4	-1.24E-5
	CC17	-0.0757	0.4419	-0.1775	3.05E-6	-1.97E-4	9.50E-6
	CC18	0.0809	-0.4533	-0.0542	-4.88E-5	2.15E-4	-9.99E-6
	CC19	0.0860	-0.4906	-0.0499	-4.84E-5	2.32E-4	1.19E-5
	CC20	-0.0208	-0.5710	-0.0263	-1.09E-4	1.21E-4	8.27E-5
	CC21	-0.0157	-0.6083	-0.0220	-1.08E-4	1.39E-4	1.05E-4
139	CC1	-0.0013	-0.0061	-0.1328	2.66E-6	1.24E-5	3.66E-6
	CC2	-0.0013	-0.0061	-0.1328	2.66E-6	1.24E-5	3.66E-6
	CC3	-0.0013	-0.0061	-0.1328	2.66E-6	1.24E-5	3.66E-6

	CC4	-0.0012	-0.0056	-0.1288	3.99E-6	1.10E-5	3.57E-6
	CC5	-0.0012	-0.0056	-0.1288	3.99E-6	1.10E-5	3.57E-6
	CC6	0.2556	0.3823	-0.1431	4.32E-4	-3.99E-4	-1.69E-4
	CC7	0.2481	0.3689	-0.1449	4.18E-4	-3.87E-4	-1.62E-4
	CC8	0.2369	0.0627	-0.2025	5.63E-5	-3.68E-4	-1.40E-4
	CC9	0.2294	0.0492	-0.2044	4.32E-5	-3.55E-4	-1.33E-4
	CC10	-0.2316	-0.0600	-0.0507	-3.44E-5	3.76E-4	1.40E-4
	CC11	-0.2391	-0.0735	-0.0525	-4.75E-5	3.89E-4	1.47E-4
	CC12	-0.2504	-0.3797	-0.1101	-4.10E-4	4.08E-4	1.69E-4
	CC13	-0.2579	-0.3931	-0.1120	-4.23E-4	4.20E-4	1.76E-4
	CC14	0.1146	0.6141	-0.0395	7.20E-4	-1.77E-4	-1.01E-4
	CC15	0.0918	0.5733	-0.0451	6.80E-4	-1.40E-4	-7.94E-5
	CC16	-0.0316	0.4814	-0.0118	5.80E-4	5.56E-5	-8.62E-6
	CC17	-0.0544	0.4406	-0.0173	5.40E-4	9.28E-5	1.33E-5
	CC18	0.0521	-0.4514	-0.2377	-5.31E-4	-7.16E-5	-6.21E-6
	CC19	0.0293	-0.4922	-0.2432	-5.71E-4	-3.45E-5	1.57E-5
	CC20	-0.0940	-0.5841	-0.2099	-6.71E-4	1.61E-4	8.64E-5
	CC21	-0.1169	-0.6249	-0.2155	-7.11E-4	1.98E-4	1.08E-4
140	CC1	0.0011	-0.0060	-0.1165	-2.56E-5	2.96E-5	1.06E-6
	CC2	0.0011	-0.0060	-0.1165	-2.56E-5	2.96E-5	1.06E-6
	CC3	0.0011	-0.0060	-0.1165	-2.56E-5	2.96E-5	1.06E-6
	CC4	0.0012	-0.0054	-0.1136	-2.41E-5	2.70E-5	1.05E-6
	CC5	0.0012	-0.0054	-0.1136	-2.41E-5	2.70E-5	1.05E-6
	CC6	0.2023	0.3816	-0.1326	5.33E-4	-2.52E-4	-1.71E-4
	CC7	0.1994	0.3682	-0.1352	5.15E-4	-2.48E-4	-1.64E-4
	CC8	0.2011	0.0621	-0.1909	6.49E-5	-2.75E-4	-1.43E-4
	CC9	0.1983	0.0487	-0.1935	4.66E-5	-2.72E-4	-1.36E-4
	CC10	-0.1958	-0.0592	-0.0319	-9.39E-5	3.24E-4	1.38E-4
	CC11	-0.1987	-0.0726	-0.0345	-1.12E-4	3.27E-4	1.45E-4
	CC12	-0.1970	-0.3787	-0.0902	-5.62E-4	3.01E-4	1.66E-4
	CC13	-0.1998	-0.3921	-0.0928	-5.80E-4	3.04E-4	1.73E-4
	CC14	0.0671	0.6137	-0.0268	8.78E-4	-2.63E-5	-1.04E-4
	CC15	0.0585	0.5730	-0.0345	8.23E-4	-1.62E-5	-8.19E-5
	CC16	-0.0523	0.4815	0.0035	6.90E-4	1.46E-4	-1.11E-5
	CC17	-0.0609	0.4408	-0.0043	6.35E-4	1.56E-4	1.08E-5
	CC18	0.0634	-0.4513	-0.2211	-6.82E-4	-1.04E-4	-8.70E-6
	CC19	0.0548	-0.4920	-0.2289	-7.37E-4	-9.40E-5	1.32E-5
	CC20	-0.0560	-0.5836	-0.1909	-8.70E-4	6.86E-5	8.40E-5
	CC21	-0.0646	-0.6243	-0.1987	-9.25E-4	7.87E-5	1.06E-4
141	CC1	0.0018	-0.0059	-0.1131	-4.60E-6	2.14E-5	4.60E-7
	CC2	0.0018	-0.0059	-0.1131	-4.60E-6	2.14E-5	4.60E-7
	CC3	0.0018	-0.0059	-0.1131	-4.60E-6	2.14E-5	4.60E-7
	CC4	0.0019	-0.0054	-0.1106	-3.71E-6	1.98E-5	4.67E-7
	CC5	0.0019	-0.0054	-0.1106	-3.71E-6	1.98E-5	4.67E-7
	CC6	0.1815	0.3817	-0.1700	5.17E-4	-2.57E-4	-1.72E-4
	CC7	0.1808	0.3683	-0.1680	5.00E-4	-2.55E-4	-1.65E-4
	CC8	0.1902	0.0622	-0.1223	7.53E-5	-2.35E-4	-1.43E-4
	CC9	0.1894	0.0488	-0.1204	5.83E-5	-2.33E-4	-1.36E-4
	CC10	-0.1855	-0.0591	-0.0991	-6.51E-5	2.71E-4	1.37E-4
	CC11	-0.1863	-0.0725	-0.0972	-8.21E-5	2.74E-4	1.44E-4
	CC12	-0.1769	-0.3786	-0.0515	-5.07E-4	2.94E-4	1.66E-4
	CC13	-0.1777	-0.3920	-0.0495	-5.24E-4	2.96E-4	1.73E-4
	CC14	0.0438	0.6138	-0.2028	8.46E-4	-1.01E-4	-1.04E-4
	CC15	0.0415	0.5731	-0.1968	7.94E-4	-9.34E-5	-8.24E-5
	CC16	-0.0663	0.4816	-0.1815	6.71E-4	5.78E-5	-1.17E-5
	CC17	-0.0687	0.4409	-0.1756	6.20E-4	6.52E-5	1.02E-5
	CC18	0.0725	-0.4512	-0.0439	-6.26E-4	-2.66E-5	-9.28E-6
	CC19	0.0701	-0.4919	-0.0380	-6.78E-4	-1.92E-5	1.26E-5
	CC20	-0.0376	-0.5835	-0.0227	-8.01E-4	1.32E-4	8.34E-5
	CC21	-0.0400	-0.6242	-0.0167	-8.53E-4	1.39E-4	1.05E-4
142	CC1	0.0026	-0.0060	-0.1138	-8.21E-6	5.21E-6	1.70E-6
	CC2	0.0026	-0.0060	-0.1138	-8.21E-6	5.21E-6	1.70E-6
	CC3	0.0026	-0.0060	-0.1138	-8.21E-6	5.21E-6	1.70E-6
	CC4	0.0027	-0.0054	-0.1114	-7.83E-6	4.50E-6	1.71E-6
	CC5	0.0027	-0.0054	-0.1114	-7.83E-6	4.50E-6	1.71E-6
	CC6	0.1624	0.3825	-0.1836	2.25E-5	-2.26E-4	-1.71E-4
	CC7	0.1641	0.3691	-0.1818	2.36E-5	-2.28E-4	-1.63E-4
	CC8	0.1804	0.0628	-0.1304	2.63E-5	-2.56E-4	-1.42E-4
	CC9	0.1821	0.0494	-0.1286	2.73E-5	-2.58E-4	-1.35E-4
	CC10	-0.1767	-0.0599	-0.0926	-4.27E-5	2.67E-4	1.38E-4
	CC11	-0.1750	-0.0733	-0.0908	-4.17E-5	2.65E-4	1.45E-4
	CC12	-0.1587	-0.3795	-0.0394	-3.90E-5	2.37E-4	1.67E-4

	CC13	-0.1570	-0.3930	-0.0376	-3.79E-5	2.35E-4	1.74E-4
	CC14	0.0210	0.6143	-0.2157	-5.78E-6	-1.61E-5	-1.03E-4
	CC15	0.0261	0.5735	-0.2101	-2.59E-6	-2.30E-5	-8.12E-5
	CC16	-0.0807	0.4816	-0.1884	-2.53E-5	1.32E-4	-1.04E-5
	CC17	-0.0756	0.4408	-0.1828	-2.22E-5	1.25E-4	1.15E-5
	CC18	0.0810	-0.4512	-0.0384	6.76E-6	-1.16E-4	-8.03E-6
	CC19	0.0861	-0.4920	-0.0328	9.95E-6	-1.23E-4	1.39E-5
	CC20	-0.0207	-0.5839	-0.0111	-1.28E-5	3.15E-5	8.46E-5
	CC21	-0.0156	-0.6247	-0.0055	-9.62E-6	2.46E-5	1.07E-4
143	CC1	0.0017	-0.0103	-0.0926	-2.77E-5	-9.38E-6	4.05E-6
	CC2	0.0017	-0.0103	-0.0926	-2.77E-5	-9.38E-6	4.05E-6
	CC3	0.0017	-0.0103	-0.0926	-2.77E-5	-9.38E-6	4.05E-6
	CC4	0.0017	-0.0096	-0.0900	-2.61E-5	-8.64E-6	3.61E-6
	CC5	0.0017	-0.0096	-0.0900	-2.61E-5	-8.64E-6	3.61E-6
	CC6	0.1623	0.0469	-0.0576	9.08E-5	-2.21E-4	-1.69E-4
	CC7	0.1639	0.0473	-0.0570	9.18E-5	-2.23E-4	-1.62E-4
	CC8	0.1798	-0.2180	0.0145	-3.97E-4	-2.85E-4	-1.40E-4
	CC9	0.1813	-0.2175	0.0150	-3.96E-4	-2.87E-4	-1.33E-4
	CC10	-0.1780	0.1987	-0.1933	3.45E-4	2.71E-4	1.40E-4
	CC11	-0.1765	0.1991	-0.1927	3.46E-4	2.69E-4	1.47E-4
	CC12	-0.1606	-0.0662	-0.1213	-1.43E-4	2.06E-4	1.69E-4
	CC13	-0.1590	-0.0658	-0.1207	-1.42E-4	2.04E-4	1.76E-4
	CC14	0.0213	0.4086	-0.1897	7.49E-4	2.88E-5	-1.01E-4
	CC15	0.0260	0.4099	-0.1879	7.51E-4	2.26E-5	-7.94E-5
	CC16	-0.0808	0.4542	-0.2304	8.25E-4	1.76E-4	-8.69E-6
	CC17	-0.0761	0.4554	-0.2286	8.28E-4	1.70E-4	1.32E-5
	CC18	0.0795	-0.4743	0.0504	-8.79E-4	-1.87E-4	-6.28E-6
	CC19	0.0842	-0.4730	0.0522	-8.76E-4	-1.93E-4	1.56E-5
	CC20	-0.0227	-0.4288	0.0096	-8.02E-4	-3.94E-5	8.64E-5
	CC21	-0.0180	-0.4275	0.0114	-8.00E-4	-4.56E-5	1.08E-4
144	CC1	0.0019	-0.0099	-0.0961	-6.39E-5	-4.65E-5	-2.86E-6
	CC2	0.0019	-0.0099	-0.0961	-6.39E-5	-4.65E-5	-2.86E-6
	CC3	0.0019	-0.0099	-0.0961	-6.39E-5	-4.65E-5	-2.86E-6
	CC4	0.0019	-0.0091	-0.0933	-5.99E-5	-4.43E-5	-2.90E-6
	CC5	0.0019	-0.0091	-0.0933	-5.99E-5	-4.43E-5	-2.90E-6
	CC6	0.1626	0.1081	-0.0813	4.25E-5	-3.21E-4	-1.75E-4
	CC7	0.1642	0.1059	-0.0808	4.08E-5	-3.21E-4	-1.68E-4
	CC8	0.1801	-0.1669	-0.0520	-2.60E-4	-1.58E-4	-1.47E-4
	CC9	0.1816	-0.1690	-0.0515	-2.62E-4	-1.58E-4	-1.39E-4
	CC10	-0.1777	0.1512	-0.1332	1.45E-4	7.06E-5	1.34E-4
	CC11	-0.1762	0.1491	-0.1327	1.43E-4	7.12E-5	1.41E-4
	CC12	-0.1603	-0.1237	-0.1038	-1.58E-4	2.34E-4	1.62E-4
	CC13	-0.1587	-0.1259	-0.1034	-1.60E-4	2.34E-4	1.69E-4
	CC14	0.0216	0.4461	-0.1341	4.34E-4	-3.75E-4	-1.08E-4
	CC15	0.0263	0.4397	-0.1327	4.28E-4	-3.73E-4	-8.58E-5
	CC16	-0.0805	0.4591	-0.1497	4.64E-4	-2.57E-4	-1.51E-5
	CC17	-0.0758	0.4526	-0.1483	4.59E-4	-2.55E-4	6.84E-6
	CC18	0.0797	-0.4704	-0.0364	-5.76E-4	1.68E-4	-1.27E-5
	CC19	0.0844	-0.4768	-0.0350	-5.81E-4	1.70E-4	9.25E-6
	CC20	-0.0224	-0.4574	-0.0519	-5.45E-4	2.86E-4	8.00E-5
	CC21	-0.0177	-0.4639	-0.0505	-5.51E-4	2.88E-4	1.02E-4
145	CC1	0.0012	-0.0078	-0.0892	-1.89E-5	-1.57E-5	1.20E-7
	CC2	0.0012	-0.0078	-0.0892	-1.89E-5	-1.57E-5	1.20E-7
	CC3	0.0012	-0.0078	-0.0892	-1.89E-5	-1.57E-5	1.20E-7
	CC4	0.0011	-0.0073	-0.0872	-1.77E-5	-1.48E-5	1.60E-7
	CC5	0.0011	-0.0073	-0.0872	-1.77E-5	-1.48E-5	1.60E-7
	CC6	0.1820	-0.3586	0.0030	-6.04E-4	-3.11E-4	-1.72E-4
	CC7	0.1811	-0.3410	-0.0014	-5.74E-4	-3.09E-4	-1.65E-4
	CC8	0.1901	-0.5559	0.0559	-9.71E-4	-3.26E-4	-1.44E-4
	CC9	0.1892	-0.5384	0.0515	-9.41E-4	-3.25E-4	-1.36E-4
	CC10	-0.1870	0.5241	-0.2246	9.06E-4	2.96E-4	1.37E-4
	CC11	-0.1879	0.5416	-0.2291	9.36E-4	2.97E-4	1.44E-4
	CC12	-0.1790	0.3267	-0.1717	5.39E-4	2.80E-4	1.65E-4
	CC13	-0.1799	0.3443	-0.1762	5.69E-4	2.82E-4	1.72E-4
	CC14	0.0444	0.1628	-0.1338	3.23E-4	-8.16E-5	-1.05E-4
	CC15	0.0416	0.2159	-0.1474	4.14E-4	-7.73E-5	-8.27E-5
	CC16	-0.0663	0.4275	-0.2021	7.76E-4	1.00E-4	-1.20E-5
	CC17	-0.0691	0.4807	-0.2157	8.67E-4	1.05E-4	9.92E-6
	CC18	0.0713	-0.4950	0.0426	-9.01E-4	-1.34E-4	-9.57E-6
	CC19	0.0684	-0.4418	0.0290	-8.11E-4	-1.29E-4	1.23E-5
	CC20	-0.0395	-0.2302	-0.0257	-4.48E-4	4.83E-5	8.31E-5
	CC21	-0.0423	-0.1770	-0.0393	-3.58E-4	5.25E-5	1.05E-4

146	CC1	0.0009	-0.0080	-0.0942	-1.94E-5	-2.41E-5	4.29E-7
	CC2	0.0009	-0.0080	-0.0942	-1.94E-5	-2.41E-5	4.29E-7
	CC3	0.0009	-0.0080	-0.0942	-1.94E-5	-2.41E-5	4.29E-7
	CC4	0.0008	-0.0075	-0.0920	-1.82E-5	-2.23E-5	4.60E-7
	CC5	0.0008	-0.0075	-0.0920	-1.82E-5	-2.23E-5	4.60E-7
	CC6	0.2034	-0.3587	0.0123	-5.94E-4	-3.40E-4	-1.72E-4
	CC7	0.2004	-0.3412	0.0154	-5.65E-4	-3.35E-4	-1.65E-4
	CC8	0.2022	-0.5560	-0.0313	-9.55E-4	-3.41E-4	-1.43E-4
	CC9	0.1992	-0.5385	-0.0282	-9.25E-4	-3.37E-4	-1.36E-4
	CC10	-0.1976	0.5239	-0.1543	8.89E-4	2.93E-4	1.37E-4
	CC11	-0.2006	0.5414	-0.1512	9.19E-4	2.98E-4	1.44E-4
	CC12	-0.1988	0.3266	-0.1979	5.29E-4	2.92E-4	1.66E-4
	CC13	-0.2018	0.3441	-0.1948	5.58E-4	2.96E-4	1.73E-4
	CC14	0.0675	0.1626	0.0017	3.16E-4	-1.21E-4	-1.04E-4
	CC15	0.0584	0.2158	0.0111	4.05E-4	-1.07E-4	-8.24E-5
	CC16	-0.0528	0.4274	-0.0483	7.61E-4	6.89E-5	-1.17E-5
	CC17	-0.0619	0.4806	-0.0389	8.50E-4	8.26E-5	1.02E-5
	CC18	0.0635	-0.4952	-0.1436	-8.86E-4	-1.26E-4	-9.28E-6
	CC19	0.0544	-0.4420	-0.1342	-7.96E-4	-1.12E-4	1.26E-5
	CC20	-0.0568	-0.2304	-0.1936	-4.41E-4	6.38E-5	8.34E-5
	CC21	-0.0659	-0.1772	-0.1842	-3.51E-4	7.74E-5	1.05E-4
147	CC1	0.0020	-0.0055	-0.1112	-1.15E-5	8.85E-6	1.28E-6
	CC2	0.0020	-0.0055	-0.1112	-1.15E-5	8.85E-6	1.28E-6
	CC3	0.0020	-0.0055	-0.1112	-1.15E-5	8.85E-6	1.28E-6
	CC4	0.0021	-0.0050	-0.1088	-1.05E-5	8.13E-6	1.33E-6
	CC5	0.0021	-0.0050	-0.1088	-1.05E-5	8.13E-6	1.33E-6
	CC6	0.1831	0.4156	-0.2220	7.19E-4	-3.10E-4	-1.71E-4
	CC7	0.1821	0.4008	-0.2195	6.95E-4	-3.06E-4	-1.64E-4
	CC8	0.1911	0.0906	-0.1728	1.42E-4	-2.66E-4	-1.42E-4
	CC9	0.1902	0.0757	-0.1704	1.18E-4	-2.62E-4	-1.35E-4
	CC10	-0.1860	-0.0854	-0.0457	-1.38E-4	2.78E-4	1.38E-4
	CC11	-0.1869	-0.1003	-0.0432	-1.63E-4	2.82E-4	1.45E-4
	CC12	-0.1779	-0.4105	0.0035	-7.15E-4	3.22E-4	1.66E-4
	CC13	-0.1789	-0.4253	0.0060	-7.40E-4	3.26E-4	1.74E-4
	CC14	0.0454	0.6346	-0.2202	1.12E-3	-1.59E-4	-1.03E-4
	CC15	0.0426	0.5896	-0.2127	1.04E-3	-1.47E-4	-8.16E-5
	CC16	-0.0653	0.4843	-0.1673	8.60E-4	1.68E-5	-1.08E-5
	CC17	-0.0681	0.4393	-0.1598	7.85E-4	2.88E-5	1.11E-5
	CC18	0.0723	-0.4490	-0.0563	-8.06E-4	-1.30E-5	-8.40E-6
	CC19	0.0695	-0.4940	-0.0487	-8.80E-4	-1.01E-6	1.35E-5
	CC20	-0.0384	-0.5993	-0.0034	-1.06E-3	1.63E-4	8.43E-5
	CC21	-0.0412	-0.6443	0.0042	-1.14E-3	1.75E-4	1.06E-4
148	CC1	0.0013	-0.0057	-0.1143	-1.13E-5	1.04E-5	-2.76E-6
	CC2	0.0013	-0.0057	-0.1143	-1.13E-5	1.04E-5	-2.76E-6
	CC3	0.0013	-0.0057	-0.1143	-1.13E-5	1.04E-5	-2.76E-6
	CC4	0.0014	-0.0052	-0.1117	-1.03E-5	9.55E-6	-2.54E-6
	CC5	0.0014	-0.0052	-0.1117	-1.03E-5	9.55E-6	-2.54E-6
	CC6	0.2038	0.4120	-0.1354	7.23E-4	-2.76E-4	-1.75E-4
	CC7	0.2008	0.3974	-0.1383	6.98E-4	-2.74E-4	-1.68E-4
	CC8	0.2026	0.0875	-0.2169	1.36E-4	-3.24E-4	-1.46E-4
	CC9	0.1997	0.0729	-0.2198	1.12E-4	-3.22E-4	-1.39E-4
	CC10	-0.1967	-0.0829	-0.0018	-1.32E-4	3.40E-4	1.34E-4
	CC11	-0.1997	-0.0975	-0.0047	-1.56E-4	3.43E-4	1.41E-4
	CC12	-0.1979	-0.4074	-0.0833	-7.18E-4	2.92E-4	1.63E-4
	CC13	-0.2008	-0.4220	-0.0862	-7.42E-4	2.95E-4	1.70E-4
	CC14	0.0680	0.6323	0.0093	1.13E-3	-6.48E-6	-1.07E-4
	CC15	0.0589	0.5878	0.0007	1.06E-3	6.78E-7	-8.54E-5
	CC16	-0.0522	0.4839	0.0494	8.76E-4	1.78E-4	-1.46E-5
	CC17	-0.0612	0.4394	0.0408	8.02E-4	1.86E-4	7.28E-6
	CC18	0.0642	-0.4493	-0.2624	-8.22E-4	-1.67E-4	-1.22E-5
	CC19	0.0551	-0.4939	-0.2710	-8.96E-4	-1.60E-4	9.69E-6
	CC20	-0.0560	-0.5978	-0.2223	-1.08E-3	1.79E-5	8.04E-5
	CC21	-0.0650	-0.6423	-0.2309	-1.15E-3	2.50E-5	1.02E-4
149	CC1	0.0012	-0.0055	-0.1129	5.50E-6	7.35E-6	2.36E-6
	CC2	0.0012	-0.0055	-0.1129	5.50E-6	7.35E-6	2.36E-6
	CC3	0.0012	-0.0055	-0.1129	5.50E-6	7.35E-6	2.36E-6
	CC4	0.0013	-0.0050	-0.1104	6.19E-6	6.60E-6	2.15E-6
	CC5	0.0013	-0.0050	-0.1104	6.19E-6	6.60E-6	2.15E-6
	CC6	0.1930	0.4126	-0.1661	5.01E-4	-3.41E-4	-1.70E-4
	CC7	0.1910	0.3979	-0.1665	4.85E-4	-3.36E-4	-1.63E-4
	CC8	0.1969	0.0881	-0.1876	7.47E-5	-2.92E-4	-1.42E-4
	CC9	0.1949	0.0734	-0.1880	5.86E-5	-2.87E-4	-1.34E-4

	CC10	-0.1922	-0.0831	-0.0311	-4.58E-5	2.99E-4	1.39E-4
	CC11	-0.1942	-0.0978	-0.0315	-6.19E-5	3.05E-4	1.46E-4
	CC12	-0.1883	-0.4077	-0.0526	-4.72E-4	3.48E-4	1.67E-4
	CC13	-0.1903	-0.4224	-0.0530	-4.88E-4	3.54E-4	1.74E-4
	CC14	0.0557	0.6328	-0.0934	8.24E-4	-1.79E-4	-1.03E-4
	CC15	0.0496	0.5882	-0.0946	7.75E-4	-1.63E-4	-8.08E-5
	CC16	-0.0598	0.4840	-0.0529	6.60E-4	1.27E-5	-1.01E-5
	CC17	-0.0660	0.4395	-0.0541	6.11E-4	2.87E-5	1.18E-5
	CC18	0.0687	-0.4492	-0.1650	-5.98E-4	-1.60E-5	-7.67E-6
	CC19	0.0626	-0.4938	-0.1662	-6.47E-4	1.75E-8	1.42E-5
	CC20	-0.0468	-0.5979	-0.1245	-7.62E-4	1.76E-4	8.50E-5
	CC21	-0.0530	-0.6425	-0.1257	-8.11E-4	1.92E-4	1.07E-4
150	CC1	0.0017	-0.0055	-0.1119	-1.69E-5	7.73E-6	6.86E-6
	CC2	0.0017	-0.0055	-0.1119	-1.69E-5	7.73E-6	6.86E-6
	CC3	0.0017	-0.0055	-0.1119	-1.69E-5	7.73E-6	6.86E-6
	CC4	0.0018	-0.0050	-0.1094	-1.59E-5	7.02E-6	6.60E-6
	CC5	0.0018	-0.0050	-0.1094	-1.59E-5	7.02E-6	6.60E-6
	CC6	0.1864	0.4127	-0.1987	5.74E-4	-2.90E-4	-1.66E-4
	CC7	0.1851	0.3980	-0.1973	5.55E-4	-2.88E-4	-1.59E-4
	CC8	0.1930	0.0881	-0.1734	9.92E-5	-2.92E-4	-1.37E-4
	CC9	0.1917	0.0734	-0.1719	7.97E-5	-2.90E-4	-1.30E-4
	CC10	-0.1881	-0.0831	-0.0453	-1.11E-4	3.03E-4	1.43E-4
	CC11	-0.1894	-0.0977	-0.0439	-1.30E-4	3.06E-4	1.50E-4
	CC12	-0.1815	-0.4076	-0.0199	-5.86E-4	3.01E-4	1.72E-4
	CC13	-0.1828	-0.4223	-0.0185	-6.05E-4	3.03E-4	1.79E-4
	CC14	0.0489	0.6328	-0.1761	9.09E-4	-8.19E-5	-9.83E-5
	CC15	0.0450	0.5882	-0.1717	8.50E-4	-7.56E-5	-7.64E-5
	CC16	-0.0634	0.4841	-0.1301	7.03E-4	9.61E-5	-5.64E-6
	CC17	-0.0674	0.4395	-0.1257	6.44E-4	1.02E-4	1.63E-5
	CC18	0.0710	-0.4491	-0.0915	-6.75E-4	-8.88E-5	-3.23E-6
	CC19	0.0670	-0.4937	-0.0871	-7.34E-4	-8.26E-5	1.87E-5
	CC20	-0.0414	-0.5979	-0.0455	-8.81E-4	8.92E-5	8.94E-5
	CC21	-0.0453	-0.6425	-0.0411	-9.40E-4	9.54E-5	1.11E-4
151	CC1	0.0032	-0.0151	-0.1137	1.37E-5	-4.62E-5	9.27E-6
	CC2	0.0032	-0.0151	-0.1137	1.37E-5	-4.62E-5	9.27E-6
	CC3	0.0032	-0.0151	-0.1137	1.37E-5	-4.62E-5	9.27E-6
	CC4	0.0029	-0.0141	-0.1102	1.44E-5	-4.20E-5	8.45E-6
	CC5	0.0029	-0.0141	-0.1102	1.44E-5	-4.20E-5	8.45E-6
	CC6	0.3978	-0.5295	-0.1528	-2.65E-4	-3.98E-4	-2.61E-4
	CC7	0.3862	-0.5031	-0.1508	-2.51E-4	-3.88E-4	-2.50E-4
	CC8	0.3719	-0.8593	-0.1945	-4.63E-4	-3.72E-4	-2.21E-4
	CC9	0.3603	-0.8328	-0.1925	-4.49E-4	-3.63E-4	-2.09E-4
	CC10	-0.3548	0.8053	-0.0255	4.78E-4	2.81E-4	2.26E-4
	CC11	-0.3664	0.8318	-0.0235	4.93E-4	2.91E-4	2.37E-4
	CC12	-0.3807	0.4756	-0.0673	2.80E-4	3.07E-4	2.66E-4
	CC13	-0.3923	0.5020	-0.0653	2.95E-4	3.16E-4	2.78E-4
	CC14	0.1764	0.2954	-0.0616	2.11E-4	-1.99E-4	-1.50E-4
	CC15	0.1412	0.3757	-0.0556	2.55E-4	-1.70E-4	-1.16E-4
	CC16	-0.0494	0.6958	-0.0235	4.34E-4	4.41E-6	-3.84E-6
	CC17	-0.0846	0.7762	-0.0174	4.78E-4	3.32E-5	3.05E-5
	CC18	0.0901	-0.8037	-0.2007	-4.49E-4	-1.14E-4	-1.41E-5
	CC19	0.0549	-0.7233	-0.1946	-4.05E-4	-8.55E-5	2.02E-5
	CC20	-0.1357	-0.4032	-0.1625	-2.26E-4	8.94E-5	1.32E-4
	CC21	-0.1709	-0.3229	-0.1564	-1.82E-4	1.18E-4	1.66E-4
152	CC1	0.0099	-0.0159	-0.0988	-4.64E-5	-5.13E-5	2.64E-6
	CC2	0.0099	-0.0159	-0.0988	-4.64E-5	-5.13E-5	2.64E-6
	CC3	0.0099	-0.0159	-0.0988	-4.64E-5	-5.13E-5	2.64E-6
	CC4	0.0092	-0.0149	-0.0963	-4.43E-5	-4.72E-5	2.42E-6
	CC5	0.0092	-0.0149	-0.0963	-4.43E-5	-4.72E-5	2.42E-6
	CC6	0.3177	-0.5304	-0.1522	-4.35E-4	-3.44E-4	-2.67E-4
	CC7	0.3134	-0.5039	-0.1493	-4.15E-4	-3.40E-4	-2.56E-4
	CC8	0.3184	-0.8601	-0.1895	-7.07E-4	-3.35E-4	-2.26E-4
	CC9	0.3141	-0.8336	-0.1866	-6.86E-4	-3.32E-4	-2.15E-4
	CC10	-0.2962	0.8044	-0.0044	5.99E-4	2.40E-4	2.20E-4
	CC11	-0.3005	0.8309	-0.0015	6.20E-4	2.44E-4	2.31E-4
	CC12	-0.2955	0.4747	-0.0417	3.27E-4	2.49E-4	2.60E-4
	CC13	-0.2998	0.5012	-0.0388	3.48E-4	2.52E-4	2.72E-4
	CC14	0.1063	0.2945	-0.0600	2.23E-4	-1.53E-4	-1.56E-4
	CC15	0.0933	0.3749	-0.0510	2.86E-4	-1.42E-4	-1.21E-4
	CC16	-0.0778	0.6950	-0.0156	5.33E-4	2.25E-5	-9.67E-6
	CC17	-0.0909	0.7754	-0.0067	5.96E-4	3.30E-5	2.47E-5
	CC18	0.1087	-0.8045	-0.1843	-6.83E-4	-1.25E-4	-2.00E-5

	CC19	0.0957	-0.7241	-0.1753	-6.20E-4	-1.14E-4	1.44E-5
	CC20	-0.0754	-0.4041	-0.1399	-3.73E-4	5.05E-5	1.26E-4
	CC21	-0.0885	-0.3237	-0.1310	-3.10E-4	6.10E-5	1.60E-4
153	CC1	0.0076	-0.0156	-0.0917	-2.34E-5	-3.01E-5	-2.29E-6
	CC2	0.0076	-0.0156	-0.0917	-2.34E-5	-3.01E-5	-2.29E-6
	CC3	0.0076	-0.0156	-0.0917	-2.34E-5	-3.01E-5	-2.29E-6
	CC4	0.0071	-0.0146	-0.0896	-2.19E-5	-2.80E-5	-2.22E-6
	CC5	0.0071	-0.0146	-0.0896	-2.19E-5	-2.80E-5	-2.22E-6
	CC6	0.2839	-0.5300	0.0056	-5.49E-4	-2.89E-4	-2.72E-4
	CC7	0.2829	-0.5035	0.0007	-5.21E-4	-2.87E-4	-2.60E-4
	CC8	0.2963	-0.8597	0.0660	-9.14E-4	-3.07E-4	-2.31E-4
	CC9	0.2953	-0.8332	0.0612	-8.86E-4	-3.06E-4	-2.20E-4
	CC10	-0.2813	0.8048	-0.2390	8.43E-4	2.51E-4	2.15E-4
	CC11	-0.2823	0.8313	-0.2439	8.71E-4	2.52E-4	2.27E-4
	CC12	-0.2689	0.4751	-0.1786	4.78E-4	2.33E-4	2.56E-4
	CC13	-0.2699	0.5016	-0.1835	5.06E-4	2.34E-4	2.67E-4
	CC14	0.0727	0.2949	-0.1456	3.35E-4	-7.95E-5	-1.60E-4
	CC15	0.0695	0.3753	-0.1604	4.20E-4	-7.55E-5	-1.26E-4
	CC16	-0.0969	0.6953	-0.2190	7.53E-4	8.23E-5	-1.42E-5
	CC17	-0.1000	0.7757	-0.2337	8.38E-4	8.63E-5	2.01E-5
	CC18	0.1140	-0.8042	0.0559	-8.81E-4	-1.41E-4	-2.45E-5
	CC19	0.1109	-0.7238	0.0411	-7.95E-4	-1.37E-4	9.83E-6
	CC20	-0.0555	-0.4037	-0.0175	-4.63E-4	2.09E-5	1.22E-4
	CC21	-0.0587	-0.3233	-0.0323	-3.78E-4	2.49E-5	1.56E-4
154	CC1	0.0018	-0.0147	-0.1320	1.81E-4	6.17E-7	7.63E-6
	CC2	0.0018	-0.0147	-0.1320	1.81E-4	6.17E-7	7.63E-6
	CC3	0.0018	-0.0147	-0.1320	1.81E-4	6.17E-7	7.63E-6
	CC4	0.0016	-0.0132	-0.1258	1.75E-4	1.91E-6	6.83E-6
	CC5	0.0016	-0.0132	-0.1258	1.75E-4	1.91E-6	6.83E-6
	CC6	0.3966	-0.4115	-0.1386	6.40E-5	-1.12E-4	-2.63E-4
	CC7	0.3850	-0.3900	-0.1380	6.98E-5	-1.10E-4	-2.52E-4
	CC8	0.3707	-0.7589	-0.1536	-3.87E-5	-6.48E-5	-2.22E-4
	CC9	0.3592	-0.7373	-0.1531	-3.29E-5	-6.36E-5	-2.11E-4
	CC10	-0.3560	0.7119	-0.0945	3.80E-4	6.82E-5	2.24E-4
	CC11	-0.3676	0.7335	-0.0939	3.86E-4	6.95E-5	2.35E-4
	CC12	-0.3819	0.3645	-0.1095	2.77E-4	1.15E-4	2.65E-4
	CC13	-0.3935	0.3861	-0.1089	2.83E-4	1.16E-4	2.76E-4
	CC14	0.1752	0.3650	-0.1062	2.88E-4	-1.05E-4	-1.52E-4
	CC15	0.1400	0.4305	-0.1044	3.06E-4	-1.01E-4	-1.17E-4
	CC16	-0.0506	0.7020	-0.0929	3.83E-4	-5.06E-5	-5.45E-6
	CC17	-0.0858	0.7675	-0.0912	4.01E-4	-4.67E-5	2.89E-5
	CC18	0.0889	-0.7930	-0.1563	-5.39E-5	5.14E-5	-1.58E-5
	CC19	0.0537	-0.7275	-0.1546	-3.63E-5	5.53E-5	1.86E-5
	CC20	-0.1369	-0.4559	-0.1431	4.08E-5	1.05E-4	1.30E-4
	CC21	-0.1720	-0.3905	-0.1414	5.85E-5	1.09E-4	1.65E-4
155	CC1	0.0073	-0.0151	-0.1385	-1.28E-4	-9.73E-6	8.64E-7
	CC2	0.0073	-0.0151	-0.1385	-1.28E-4	-9.73E-6	8.64E-7
	CC3	0.0073	-0.0151	-0.1385	-1.28E-4	-9.73E-6	8.64E-7
	CC4	0.0068	-0.0136	-0.1318	-1.21E-4	-8.05E-6	9.44E-7
	CC5	0.0068	-0.0136	-0.1318	-1.21E-4	-8.05E-6	9.44E-7
	CC6	0.3154	-0.4120	-0.1461	-2.13E-4	-1.09E-4	-2.68E-4
	CC7	0.3111	-0.3904	-0.1455	-2.09E-4	-1.09E-4	-2.57E-4
	CC8	0.3161	-0.7593	-0.1561	-2.80E-4	-9.39E-5	-2.28E-4
	CC9	0.3118	-0.7378	-0.1554	-2.76E-4	-9.37E-5	-2.16E-4
	CC10	-0.2985	0.7115	-0.1037	3.90E-5	7.87E-5	2.18E-4
	CC11	-0.3028	0.7331	-0.1030	4.32E-5	7.89E-5	2.30E-4
	CC12	-0.2978	0.3641	-0.1136	-2.78E-5	9.36E-5	2.59E-4
	CC13	-0.3021	0.3857	-0.1130	-2.36E-5	9.38E-5	2.70E-4
	CC14	0.1041	0.3646	-0.1203	-5.13E-5	-6.08E-5	-1.57E-4
	CC15	0.0910	0.4301	-0.1184	-3.84E-5	-6.03E-5	-1.23E-4
	CC16	-0.0801	0.7016	-0.1075	2.43E-5	-4.55E-6	-1.10E-5
	CC17	-0.0931	0.7671	-0.1056	3.72E-5	-4.01E-6	2.33E-5
	CC18	0.1065	-0.7934	-0.1535	-2.74E-4	-1.10E-5	-2.13E-5
	CC19	0.0934	-0.7279	-0.1516	-2.61E-4	-1.04E-5	1.30E-5
	CC20	-0.0777	-0.4563	-0.1407	-1.98E-4	4.53E-5	1.25E-4
	CC21	-0.0907	-0.3908	-0.1388	-1.85E-4	4.58E-5	1.59E-4
156	CC1	0.0065	-0.0152	-0.1095	-8.93E-5	-9.43E-6	-3.75E-6
	CC2	0.0065	-0.0152	-0.1095	-8.93E-5	-9.43E-6	-3.75E-6
	CC3	0.0065	-0.0152	-0.1095	-8.93E-5	-9.43E-6	-3.75E-6
	CC4	0.0062	-0.0137	-0.1053	-8.04E-5	-7.72E-6	-3.43E-6
	CC5	0.0062	-0.0137	-0.1053	-8.04E-5	-7.72E-6	-3.43E-6
	CC6	0.2829	-0.4120	-0.0866	-2.57E-4	-1.07E-4	-2.73E-4

	CC7	0.2819	-0.3904	-0.0873	-2.49E-4	-1.03E-4	-2.61E-4
	CC8	0.2953	-0.7594	-0.0747	-3.80E-4	-1.48E-4	-2.32E-4
	CC9	0.2943	-0.7378	-0.0754	-3.72E-4	-1.44E-4	-2.21E-4
	CC10	-0.2822	0.7114	-0.1325	2.17E-4	1.30E-4	2.14E-4
	CC11	-0.2832	0.7330	-0.1332	2.25E-4	1.34E-4	2.25E-4
	CC12	-0.2698	0.3641	-0.1206	9.39E-5	8.88E-5	2.55E-4
	CC13	-0.2708	0.3856	-0.1213	1.02E-4	9.25E-5	2.66E-4
	CC14	0.0717	0.3645	-0.1157	4.36E-5	2.06E-5	-1.61E-4
	CC15	0.0685	0.4300	-0.1180	6.91E-5	3.17E-5	-1.27E-4
	CC16	-0.0979	0.7016	-0.1295	1.86E-4	9.16E-5	-1.53E-5
	CC17	-0.1010	0.7671	-0.1317	2.11E-4	1.03E-4	1.90E-5
	CC18	0.1131	-0.7934	-0.0762	-3.66E-4	-1.17E-4	-2.56E-5
	CC19	0.1100	-0.7279	-0.0784	-3.41E-4	-1.06E-4	8.69E-6
	CC20	-0.0564	-0.4564	-0.0899	-2.24E-4	-4.60E-5	1.20E-4
	CC21	-0.0596	-0.3909	-0.0921	-1.99E-4	-3.49E-5	1.55E-4
157	CC1	0.0009	-0.0148	-0.1282	1.92E-4	2.11E-6	5.38E-6
	CC2	0.0009	-0.0148	-0.1282	1.92E-4	2.11E-6	5.38E-6
	CC3	0.0009	-0.0148	-0.1282	1.92E-4	2.11E-6	5.38E-6
	CC4	0.0008	-0.0131	-0.1220	1.86E-4	2.30E-6	4.92E-6
	CC5	0.0008	-0.0131	-0.1220	1.86E-4	2.30E-6	4.92E-6
	CC6	0.3958	-0.3136	-0.1189	9.46E-5	-1.22E-4	-2.65E-4
	CC7	0.3842	-0.2961	-0.1187	9.99E-5	-1.19E-4	-2.53E-4
	CC8	0.3699	-0.6758	-0.1027	-2.05E-5	-1.10E-4	-2.24E-4
	CC9	0.3583	-0.6583	-0.1025	-1.53E-5	-1.06E-4	-2.13E-4
	CC10	-0.3568	0.6332	-0.1373	3.83E-4	1.11E-4	2.22E-4
	CC11	-0.3684	0.6506	-0.1371	3.88E-4	1.14E-4	2.33E-4
	CC12	-0.3827	0.2710	-0.1211	2.68E-4	1.23E-4	2.63E-4
	CC13	-0.3943	0.2885	-0.1209	2.73E-4	1.27E-4	2.74E-4
	CC14	0.1744	0.4225	-0.1445	3.24E-4	-5.79E-5	-1.53E-4
	CC15	0.1392	0.4755	-0.1439	3.40E-4	-4.79E-5	-1.19E-4
	CC16	-0.0514	0.7066	-0.1500	4.11E-4	1.20E-5	-7.25E-6
	CC17	-0.0866	0.7596	-0.1494	4.27E-4	2.20E-5	2.71E-5
	CC18	0.0881	-0.7847	-0.0904	-5.94E-5	-1.72E-5	-1.76E-5
	CC19	0.0529	-0.7317	-0.0898	-4.34E-5	-7.25E-6	1.68E-5
	CC20	-0.1377	-0.5007	-0.0959	2.71E-5	5.27E-5	1.29E-4
	CC21	-0.1729	-0.4477	-0.0953	4.30E-5	6.27E-5	1.63E-4
158	CC1	0.0052	-0.0153	-0.1387	-1.27E-4	-2.40E-6	3.24E-6
	CC2	0.0052	-0.0153	-0.1387	-1.27E-4	-2.40E-6	3.24E-6
	CC3	0.0052	-0.0153	-0.1387	-1.27E-4	-2.40E-6	3.24E-6
	CC4	0.0049	-0.0136	-0.1314	-1.20E-4	-1.83E-6	3.16E-6
	CC5	0.0049	-0.0136	-0.1314	-1.20E-4	-1.83E-6	3.16E-6
	CC6	0.3135	-0.3140	-0.1222	-1.57E-4	-7.96E-5	-2.66E-4
	CC7	0.3092	-0.2965	-0.1221	-1.55E-4	-7.87E-5	-2.55E-4
	CC8	0.3143	-0.6762	-0.1258	-2.07E-4	-9.16E-5	-2.26E-4
	CC9	0.3100	-0.6587	-0.1258	-2.05E-4	-9.06E-5	-2.14E-4
	CC10	-0.3003	0.6327	-0.1321	-3.02E-5	8.74E-5	2.21E-4
	CC11	-0.3046	0.6502	-0.1320	-2.83E-5	8.83E-5	2.32E-4
	CC12	-0.2996	0.2706	-0.1357	-8.02E-5	7.54E-5	2.61E-4
	CC13	-0.3039	0.2881	-0.1356	-7.82E-5	7.64E-5	2.73E-4
	CC14	0.1022	0.4221	-0.1215	-5.64E-5	-8.22E-6	-1.55E-4
	CC15	0.0892	0.4751	-0.1213	-5.04E-5	-5.37E-6	-1.21E-4
	CC16	-0.0819	0.7061	-0.1245	-1.83E-5	4.19E-5	-8.89E-6
	CC17	-0.0950	0.7592	-0.1242	-1.24E-5	4.47E-5	2.54E-5
	CC18	0.1046	-0.7851	-0.1336	-2.23E-4	-4.80E-5	-1.92E-5
	CC19	0.0916	-0.7321	-0.1334	-2.17E-4	-4.52E-5	1.51E-5
	CC20	-0.0796	-0.5011	-0.1366	-1.85E-4	2.08E-6	1.27E-4
	CC21	-0.0926	-0.4481	-0.1364	-1.79E-4	4.93E-6	1.61E-4
159	CC1	0.0057	-0.0153	-0.1098	-9.00E-5	-5.65E-6	9.90E-7
	CC2	0.0057	-0.0153	-0.1098	-9.00E-5	-5.65E-6	9.90E-7
	CC3	0.0057	-0.0153	-0.1098	-9.00E-5	-5.65E-6	9.90E-7
	CC4	0.0054	-0.0136	-0.1053	-8.02E-5	-5.09E-6	1.00E-6
	CC5	0.0054	-0.0136	-0.1053	-8.02E-5	-5.09E-6	1.00E-6
	CC6	0.2822	-0.3141	-0.0942	-1.61E-4	-9.61E-5	-2.68E-4
	CC7	0.2812	-0.2966	-0.0945	-1.56E-4	-9.60E-5	-2.57E-4
	CC8	0.2946	-0.6762	-0.0866	-2.58E-4	-8.48E-5	-2.28E-4
	CC9	0.2936	-0.6588	-0.0869	-2.53E-4	-8.47E-5	-2.16E-4
	CC10	-0.2830	0.6327	-0.1207	9.95E-5	7.49E-5	2.18E-4
	CC11	-0.2840	0.6502	-0.1210	1.04E-4	7.50E-5	2.30E-4
	CC12	-0.2706	0.2705	-0.1131	2.41E-6	8.62E-5	2.59E-4
	CC13	-0.2716	0.2880	-0.1134	6.79E-6	8.63E-5	2.70E-4
	CC14	0.0710	0.4220	-0.1119	3.93E-5	-4.95E-5	-1.57E-4
	CC15	0.0678	0.4751	-0.1130	5.26E-5	-4.93E-5	-1.23E-4

	CC16	-0.0986	0.7061	-0.1199	1.17E-4	1.81E-6	-1.10E-5
	CC17	-0.1017	0.7591	-0.1209	1.31E-4	2.03E-6	2.33E-5
	CC18	0.1123	-0.7852	-0.0866	-2.84E-4	-1.18E-5	-2.13E-5
	CC19	0.1092	-0.7322	-0.0876	-2.71E-4	-1.16E-5	1.30E-5
	CC20	-0.0572	-0.5012	-0.0946	-2.06E-4	3.95E-5	1.25E-4
	CC21	-0.0604	-0.4481	-0.0956	-1.93E-4	3.97E-5	1.59E-4
160	CC1	0.0000	-0.0151	-0.1257	1.50E-4	-1.99E-6	1.84E-6
	CC2	0.0000	-0.0151	-0.1257	1.50E-4	-1.99E-6	1.84E-6
	CC3	0.0000	-0.0151	-0.1257	1.50E-4	-1.99E-6	1.84E-6
	CC4	0.0000	-0.0134	-0.1195	1.45E-4	-1.75E-6	2.14E-6
	CC5	0.0000	-0.0134	-0.1195	1.45E-4	-1.75E-6	2.14E-6
	CC6	0.3951	-0.2160	-0.1061	5.25E-5	-1.10E-4	-2.67E-4
	CC7	0.3835	-0.2027	-0.1060	5.86E-5	-1.06E-4	-2.56E-4
	CC8	0.3692	-0.5930	-0.1138	-1.09E-4	-1.41E-4	-2.26E-4
	CC9	0.3576	-0.5796	-0.1137	-1.03E-4	-1.37E-4	-2.15E-4
	CC10	-0.3575	0.5541	-0.1213	3.89E-4	1.34E-4	2.20E-4
	CC11	-0.3691	0.5674	-0.1211	3.95E-4	1.37E-4	2.31E-4
	CC12	-0.3834	0.1771	-0.1290	2.28E-4	1.03E-4	2.60E-4
	CC13	-0.3950	0.1905	-0.1288	2.34E-4	1.06E-4	2.72E-4
	CC14	0.1737	0.4797	-0.1026	3.53E-4	7.92E-6	-1.56E-4
	CC15	0.1385	0.5202	-0.1021	3.71E-4	1.86E-5	-1.22E-4
	CC16	-0.0521	0.7107	-0.1072	4.54E-4	8.09E-5	-9.77E-6
	CC17	-0.0873	0.7513	-0.1067	4.72E-4	9.17E-5	2.46E-5
	CC18	0.0874	-0.7768	-0.1283	-1.86E-4	-9.50E-5	-2.01E-5
	CC19	0.0522	-0.7362	-0.1278	-1.67E-4	-8.43E-5	1.43E-5
	CC20	-0.1384	-0.5458	-0.1328	-8.48E-5	-2.20E-5	1.26E-4
	CC21	-0.1736	-0.5052	-0.1323	-6.65E-5	-1.13E-5	1.60E-4
161	CC1	0.0035	-0.0160	-0.1379	-1.06E-4	-8.91E-6	2.86E-6
	CC2	0.0035	-0.0160	-0.1379	-1.06E-4	-8.91E-6	2.86E-6
	CC3	0.0035	-0.0160	-0.1379	-1.06E-4	-8.91E-6	2.86E-6
	CC4	0.0033	-0.0142	-0.1308	-9.98E-5	-8.93E-6	2.93E-6
	CC5	0.0033	-0.0142	-0.1308	-9.98E-5	-8.93E-6	2.93E-6
	CC6	0.3120	-0.2169	-0.1101	-1.59E-4	-8.46E-5	-2.67E-4
	CC7	0.3077	-0.2035	-0.1099	-1.55E-4	-8.34E-5	-2.55E-4
	CC8	0.3127	-0.5938	-0.1221	-2.73E-4	-9.45E-5	-2.26E-4
	CC9	0.3084	-0.5805	-0.1219	-2.69E-4	-9.33E-5	-2.14E-4
	CC10	-0.3019	0.5532	-0.1349	7.41E-5	7.55E-5	2.20E-4
	CC11	-0.3062	0.5666	-0.1347	7.79E-5	7.67E-5	2.32E-4
	CC12	-0.3012	0.1763	-0.1469	-4.01E-5	6.55E-5	2.61E-4
	CC13	-0.3055	0.1896	-0.1466	-3.63E-5	6.67E-5	2.72E-4
	CC14	0.1007	0.4788	-0.1050	5.18E-5	-1.81E-5	-1.55E-4
	CC15	0.0876	0.5194	-0.1044	6.34E-5	-1.45E-5	-1.21E-4
	CC16	-0.0835	0.7098	-0.1125	1.22E-4	2.99E-5	-9.07E-6
	CC17	-0.0965	0.7504	-0.1118	1.33E-4	3.35E-5	2.53E-5
	CC18	0.1031	-0.7777	-0.1450	-3.29E-4	-5.14E-5	-1.94E-5
	CC19	0.0900	-0.7371	-0.1443	-3.17E-4	-4.78E-5	1.50E-5
	CC20	-0.0811	-0.5466	-0.1524	-2.59E-4	-3.34E-6	1.27E-4
	CC21	-0.0941	-0.5061	-0.1517	-2.47E-4	2.55E-7	1.61E-4
162	CC1	0.0048	-0.0162	-0.1124	-7.35E-5	-8.29E-6	2.25E-6
	CC2	0.0048	-0.0162	-0.1124	-7.35E-5	-8.29E-6	2.25E-6
	CC3	0.0048	-0.0162	-0.1124	-7.35E-5	-8.29E-6	2.25E-6
	CC4	0.0046	-0.0144	-0.1078	-6.56E-5	-8.14E-6	2.48E-6
	CC5	0.0046	-0.0144	-0.1078	-6.56E-5	-8.14E-6	2.48E-6
	CC6	0.2815	-0.2170	-0.0947	-1.65E-4	-9.48E-5	-2.67E-4
	CC7	0.2805	-0.2037	-0.0953	-1.59E-4	-9.45E-5	-2.56E-4
	CC8	0.2939	-0.5940	-0.0779	-3.53E-4	-1.00E-4	-2.26E-4
	CC9	0.2929	-0.5806	-0.0784	-3.47E-4	-9.98E-5	-2.15E-4
	CC10	-0.2837	0.5530	-0.1340	2.21E-4	8.36E-5	2.20E-4
	CC11	-0.2847	0.5664	-0.1345	2.27E-4	8.39E-5	2.31E-4
	CC12	-0.2713	0.1761	-0.1172	3.31E-5	7.83E-5	2.61E-4
	CC13	-0.2723	0.1895	-0.1177	3.95E-5	7.86E-5	2.72E-4
	CC14	0.0703	0.4787	-0.1275	1.82E-4	-2.64E-5	-1.56E-4
	CC15	0.0671	0.5192	-0.1292	2.02E-4	-2.57E-5	-1.21E-4
	CC16	-0.0993	0.7097	-0.1393	2.98E-4	2.71E-5	-9.46E-6
	CC17	-0.1024	0.7502	-0.1410	3.18E-4	2.79E-5	2.49E-5
	CC18	0.1116	-0.7778	-0.0714	-4.44E-4	-4.40E-5	-1.98E-5
	CC19	0.1085	-0.7373	-0.0731	-4.24E-4	-4.33E-5	1.46E-5
	CC20	-0.0580	-0.5468	-0.0832	-3.28E-4	9.49E-6	1.26E-4
	CC21	-0.0611	-0.5062	-0.0849	-3.08E-4	1.03E-5	1.61E-4
163	CC1	-0.0007	-0.0161	-0.1260	1.88E-4	-2.55E-6	3.13E-6
	CC2	-0.0007	-0.0161	-0.1260	1.88E-4	-2.55E-6	3.13E-6
	CC3	-0.0007	-0.0161	-0.1260	1.88E-4	-2.55E-6	3.13E-6

	CC4	-0.0006	-0.0146	-0.1198	1.83E-4	-2.57E-6	3.29E-6
	CC5	-0.0006	-0.0146	-0.1198	1.83E-4	-2.57E-6	3.29E-6
	CC6	0.3944	-0.1196	-0.1201	1.09E-4	-1.04E-4	-2.66E-4
	CC7	0.3828	-0.1103	-0.1200	1.12E-4	-1.01E-4	-2.55E-4
	CC8	0.3685	-0.5113	-0.1070	1.20E-5	-1.20E-4	-2.25E-4
	CC9	0.3570	-0.5021	-0.1069	1.55E-5	-1.17E-4	-2.14E-4
	CC10	-0.3582	0.4738	-0.1286	3.46E-4	1.12E-4	2.21E-4
	CC11	-0.3698	0.4831	-0.1286	3.50E-4	1.15E-4	2.32E-4
	CC12	-0.3841	0.0821	-0.1155	2.50E-4	9.55E-5	2.61E-4
	CC13	-0.3957	0.0913	-0.1155	2.53E-4	9.87E-5	2.73E-4
	CC14	0.1730	0.5357	-0.1384	3.01E-4	-1.22E-5	-1.55E-4
	CC15	0.1378	0.5638	-0.1382	3.12E-4	-2.50E-6	-1.20E-4
	CC16	-0.0528	0.7137	-0.1410	3.72E-4	5.26E-5	-8.67E-6
	CC17	-0.0880	0.7418	-0.1408	3.83E-4	6.23E-5	2.57E-5
	CC18	0.0867	-0.7701	-0.0948	-2.12E-5	-6.74E-5	-1.90E-5
	CC19	0.0515	-0.7420	-0.0946	-1.03E-5	-5.77E-5	1.54E-5
	CC20	-0.1391	-0.5920	-0.0973	5.02E-5	-2.65E-6	1.27E-4
	CC21	-0.1742	-0.5639	-0.0972	6.10E-5	7.07E-6	1.61E-4
164	CC1	0.0015	-0.0165	-0.1392	-1.10E-4	3.92E-5	7.44E-6
	CC2	0.0015	-0.0165	-0.1392	-1.10E-4	3.92E-5	7.44E-6
	CC3	0.0015	-0.0165	-0.1392	-1.10E-4	3.92E-5	7.44E-6
	CC4	0.0015	-0.0150	-0.1325	-1.04E-4	3.43E-5	7.34E-6
	CC5	0.0015	-0.0150	-0.1325	-1.04E-4	3.43E-5	7.34E-6
	CC6	0.3103	-0.1200	-0.0798	-1.61E-5	7.39E-5	-2.62E-4
	CC7	0.3060	-0.1108	-0.0801	-1.50E-5	7.33E-5	-2.51E-4
	CC8	0.3110	-0.5118	-0.0878	-9.27E-5	8.39E-5	-2.21E-4
	CC9	0.3067	-0.5025	-0.0882	-9.16E-5	8.33E-5	-2.10E-4
	CC10	-0.3036	0.4734	-0.1724	-1.13E-4	-1.80E-5	2.25E-4
	CC11	-0.3079	0.4827	-0.1728	-1.12E-4	-1.87E-5	2.36E-4
	CC12	-0.3029	0.0817	-0.1805	-1.90E-4	-7.98E-6	2.65E-4
	CC13	-0.3072	0.0909	-0.1808	-1.88E-4	-8.60E-6	2.77E-4
	CC14	0.0990	0.5353	-0.1024	3.81E-5	3.06E-5	-1.51E-4
	CC15	0.0859	0.5634	-0.1035	4.15E-5	2.87E-5	-1.16E-4
	CC16	-0.0852	0.7133	-0.1302	9.03E-6	3.05E-6	-4.71E-6
	CC17	-0.0982	0.7414	-0.1313	1.24E-5	1.17E-6	2.96E-5
	CC18	0.1014	-0.7705	-0.1293	-2.17E-4	6.41E-5	-1.50E-5
	CC19	0.0883	-0.7424	-0.1304	-2.14E-4	6.22E-5	1.93E-5
	CC20	-0.0828	-0.5925	-0.1571	-2.46E-4	3.65E-5	1.31E-4
	CC21	-0.0958	-0.5644	-0.1582	-2.43E-4	3.47E-5	1.65E-4
165	CC1	0.0040	-0.0166	-0.1135	-8.05E-5	-2.14E-6	8.51E-6
	CC2	0.0040	-0.0166	-0.1135	-8.05E-5	-2.14E-6	8.51E-6
	CC3	0.0040	-0.0166	-0.1135	-8.05E-5	-2.14E-6	8.51E-6
	CC4	0.0039	-0.0151	-0.1091	-7.27E-5	-3.23E-6	8.12E-6
	CC5	0.0039	-0.0151	-0.1091	-7.27E-5	-3.23E-6	8.12E-6
	CC6	0.2808	-0.1201	-0.0891	7.04E-5	-5.44E-5	-2.61E-4
	CC7	0.2798	-0.1108	-0.0895	7.18E-5	-5.40E-5	-2.50E-4
	CC8	0.2932	-0.5118	-0.0799	-3.35E-5	-6.80E-5	-2.21E-4
	CC9	0.2922	-0.5025	-0.0802	-3.22E-5	-6.77E-5	-2.09E-4
	CC10	-0.2844	0.4733	-0.1351	-1.08E-4	6.05E-5	2.25E-4
	CC11	-0.2854	0.4826	-0.1354	-1.07E-4	6.08E-5	2.37E-4
	CC12	-0.2720	0.0816	-0.1259	-2.12E-4	4.68E-5	2.66E-4
	CC13	-0.2730	0.0909	-0.1262	-2.11E-4	4.72E-5	2.77E-4
	CC14	0.0696	0.5352	-0.1158	1.28E-4	1.41E-6	-1.50E-4
	CC15	0.0664	0.5633	-0.1167	1.32E-4	2.45E-6	-1.16E-4
	CC16	-0.1000	0.7132	-0.1296	7.43E-5	3.59E-5	-4.03E-6
	CC17	-0.1031	0.7413	-0.1305	7.85E-5	3.69E-5	3.03E-5
	CC18	0.1109	-0.7705	-0.0848	-2.19E-4	-4.41E-5	-1.43E-5
	CC19	0.1078	-0.7424	-0.0858	-2.14E-4	-4.31E-5	2.00E-5
	CC20	-0.0586	-0.5925	-0.0986	-2.72E-4	-9.65E-6	1.32E-4
	CC21	-0.0618	-0.5644	-0.0995	-2.68E-4	-8.60E-6	1.66E-4
166	CC1	-0.0015	-0.0193	-0.1269	1.41E-4	-1.38E-6	3.83E-6
	CC2	-0.0015	-0.0193	-0.1269	1.41E-4	-1.38E-6	3.83E-6
	CC3	-0.0015	-0.0193	-0.1269	1.41E-4	-1.38E-6	3.83E-6
	CC4	-0.0013	-0.0179	-0.1206	1.39E-4	-1.37E-6	3.82E-6
	CC5	-0.0013	-0.0179	-0.1206	1.39E-4	-1.37E-6	3.82E-6
	CC6	0.3938	-0.0224	-0.1079	5.82E-5	-1.15E-4	-2.66E-4
	CC7	0.3822	-0.0174	-0.1079	6.02E-5	-1.12E-4	-2.54E-4
	CC8	0.3679	-0.4294	-0.1205	-1.84E-6	-1.31E-4	-2.25E-4
	CC9	0.3563	-0.4243	-0.1205	1.32E-7	-1.27E-4	-2.14E-4
	CC10	-0.3588	0.3893	-0.1166	2.78E-4	1.25E-4	2.21E-4
	CC11	-0.3704	0.3944	-0.1166	2.80E-4	1.28E-4	2.33E-4
	CC12	-0.3847	-0.0176	-0.1293	2.18E-4	1.09E-4	2.62E-4

	CC13	-0.3963	-0.0125	-0.1293	2.20E-4	1.13E-4	2.73E-4
	CC14	0.1724	0.5913	-0.0962	2.03E-4	-1.71E-5	-1.54E-4
	CC15	0.1372	0.6066	-0.0961	2.09E-4	-6.53E-6	-1.20E-4
	CC16	-0.0534	0.7148	-0.0988	2.69E-4	5.49E-5	-8.20E-6
	CC17	-0.0886	0.7301	-0.0988	2.75E-4	6.55E-5	2.61E-5
	CC18	0.0861	-0.7651	-0.1384	2.94E-6	-6.82E-5	-1.85E-5
	CC19	0.0509	-0.7498	-0.1384	8.92E-6	-5.77E-5	1.58E-5
	CC20	-0.1397	-0.6416	-0.1410	6.88E-5	3.79E-6	1.28E-4
	CC21	-0.1749	-0.6263	-0.1410	7.48E-5	1.43E-5	1.62E-4
167	CC1	0.0009	-0.0197	-0.1183	-6.06E-5	3.24E-5	7.09E-6
	CC2	0.0009	-0.0197	-0.1183	-6.06E-5	3.24E-5	7.09E-6
	CC3	0.0009	-0.0197	-0.1183	-6.06E-5	3.24E-5	7.09E-6
	CC4	0.0010	-0.0183	-0.1137	-5.72E-5	2.97E-5	7.02E-6
	CC5	0.0010	-0.0183	-0.1137	-5.72E-5	2.97E-5	7.02E-6
	CC6	0.3098	-0.0228	-0.0437	-5.21E-5	-6.40E-5	-2.62E-4
	CC7	0.3055	-0.0178	-0.0443	-4.93E-5	-6.27E-5	-2.51E-4
	CC8	0.3105	-0.4298	-0.0510	-2.51E-4	-7.10E-5	-2.22E-4
	CC9	0.3062	-0.4247	-0.0515	-2.48E-4	-6.97E-5	-2.10E-4
	CC10	-0.3041	0.3890	-0.1729	1.36E-4	1.27E-4	2.24E-4
	CC11	-0.3084	0.3940	-0.1735	1.39E-4	1.28E-4	2.36E-4
	CC12	-0.3034	-0.0180	-0.1801	-6.29E-5	1.20E-4	2.65E-4
	CC13	-0.3077	-0.0129	-0.1807	-6.01E-5	1.22E-4	2.76E-4
	CC14	0.0984	0.5909	-0.0799	2.43E-4	9.66E-6	-1.51E-4
	CC15	0.0854	0.6062	-0.0817	2.52E-4	1.36E-5	-1.17E-4
	CC16	-0.0857	0.7144	-0.1186	3.00E-4	6.70E-5	-5.02E-6
	CC17	-0.0988	0.7297	-0.1204	3.08E-4	7.10E-5	2.93E-5
	CC18	0.1008	-0.7655	-0.1040	-4.20E-4	-1.35E-5	-1.53E-5
	CC19	0.0878	-0.7502	-0.1058	-4.12E-4	-9.49E-6	1.90E-5
	CC20	-0.0833	-0.6419	-0.1428	-3.64E-4	4.39E-5	1.31E-4
	CC21	-0.0964	-0.6266	-0.1446	-3.55E-4	4.79E-5	1.65E-4
168	CC1	0.0033	-0.0197	-0.1142	-1.80E-5	2.64E-5	7.66E-6
	CC2	0.0033	-0.0197	-0.1142	-1.80E-5	2.64E-5	7.66E-6
	CC3	0.0033	-0.0197	-0.1142	-1.80E-5	2.64E-5	7.66E-6
	CC4	0.0033	-0.0183	-0.1104	-1.55E-5	2.42E-5	7.50E-6
	CC5	0.0033	-0.0183	-0.1104	-1.55E-5	2.42E-5	7.50E-6
	CC6	0.2802	-0.0228	-0.0548	5.87E-5	1.19E-5	-2.62E-4
	CC7	0.2792	-0.0178	-0.0549	5.69E-5	1.40E-5	-2.51E-4
	CC8	0.2926	-0.4297	-0.0639	2.43E-5	-1.20E-4	-2.21E-4
	CC9	0.2916	-0.4247	-0.0639	2.26E-5	-1.18E-4	-2.10E-4
	CC10	-0.2850	0.3890	-0.1543	-5.19E-5	1.65E-4	2.25E-4
	CC11	-0.2860	0.3940	-0.1543	-5.37E-5	1.67E-4	2.36E-4
	CC12	-0.2726	-0.0179	-0.1633	-8.62E-5	3.29E-5	2.66E-4
	CC13	-0.2736	-0.0129	-0.1634	-8.80E-5	3.50E-5	2.77E-4
	CC14	0.0690	0.5909	-0.0790	6.18E-5	2.17E-4	-1.51E-4
	CC15	0.0658	0.6062	-0.0792	5.65E-5	2.23E-4	-1.16E-4
	CC16	-0.1006	0.7144	-0.1089	2.86E-5	2.63E-4	-4.57E-6
	CC17	-0.1037	0.7297	-0.1090	2.33E-5	2.69E-4	2.98E-5
	CC18	0.1103	-0.7655	-0.1092	-5.26E-5	-2.22E-4	-1.49E-5
	CC19	0.1072	-0.7502	-0.1093	-5.79E-5	-2.16E-4	1.95E-5
	CC20	-0.0592	-0.6419	-0.1390	-8.58E-5	-1.76E-4	1.31E-4
	CC21	-0.0624	-0.6266	-0.1391	-9.11E-5	-1.70E-4	1.66E-4
169	CC1	-0.0021	-0.0214	-0.1284	1.27E-4	-3.62E-6	4.77E-6
	CC2	-0.0021	-0.0214	-0.1284	1.27E-4	-3.62E-6	4.77E-6
	CC3	-0.0021	-0.0214	-0.1284	1.27E-4	-3.62E-6	4.77E-6
	CC4	-0.0019	-0.0200	-0.1221	1.26E-4	-3.57E-6	4.50E-6
	CC5	-0.0019	-0.0200	-0.1221	1.26E-4	-3.57E-6	4.50E-6
	CC6	0.3933	0.0760	-0.1120	1.21E-4	-1.33E-4	-2.65E-4
	CC7	0.3817	0.0768	-0.1121	1.22E-4	-1.29E-4	-2.54E-4
	CC8	0.3674	-0.3461	-0.1196	4.97E-5	-1.55E-4	-2.24E-4
	CC9	0.3558	-0.3453	-0.1196	5.04E-5	-1.51E-4	-2.13E-4
	CC10	-0.3594	0.3062	-0.1204	2.02E-4	1.44E-4	2.22E-4
	CC11	-0.3710	0.3070	-0.1204	2.03E-4	1.48E-4	2.33E-4
	CC12	-0.3852	-0.1159	-0.1279	1.31E-4	1.22E-4	2.63E-4
	CC13	-0.3968	-0.1151	-0.1280	1.32E-4	1.26E-4	2.74E-4
	CC14	0.1718	0.6482	-0.1061	2.32E-4	-1.45E-5	-1.54E-4
	CC15	0.1367	0.6507	-0.1062	2.35E-4	-3.29E-6	-1.19E-4
	CC16	-0.0539	0.7172	-0.1086	2.57E-4	6.85E-5	-7.61E-6
	CC17	-0.0891	0.7197	-0.1087	2.59E-4	7.97E-5	2.67E-5
	CC18	0.0856	-0.7588	-0.1313	-6.15E-6	-8.68E-5	-1.79E-5
	CC19	0.0504	-0.7564	-0.1314	-3.77E-6	-7.56E-5	1.64E-5
	CC20	-0.1402	-0.6898	-0.1338	1.82E-5	-3.82E-6	1.28E-4
	CC21	-0.1754	-0.6873	-0.1339	2.06E-5	7.44E-6	1.62E-4

170	CC1	0.0014	-0.0218	-0.1132	-6.05E-5	-3.90E-6	4.80E-6
	CC2	0.0014	-0.0218	-0.1132	-6.05E-5	-3.90E-6	4.80E-6
	CC3	0.0014	-0.0218	-0.1132	-6.05E-5	-3.90E-6	4.80E-6
	CC4	0.0015	-0.0204	-0.1090	-5.73E-5	-3.83E-6	4.55E-6
	CC5	0.0015	-0.0204	-0.1090	-5.73E-5	-3.83E-6	4.55E-6
	CC6	0.3102	0.0756	-0.0737	-3.07E-5	-2.81E-4	-2.65E-4
	CC7	0.3059	0.0764	-0.0738	-3.05E-5	-2.78E-4	-2.54E-4
	CC8	0.3110	-0.3465	-0.0824	-1.72E-4	-2.84E-4	-2.24E-4
	CC9	0.3067	-0.3457	-0.0825	-1.71E-4	-2.80E-4	-2.13E-4
	CC10	-0.3036	0.3058	-0.1328	5.89E-5	2.73E-4	2.22E-4
	CC11	-0.3079	0.3066	-0.1329	5.92E-5	2.76E-4	2.33E-4
	CC12	-0.3029	-0.1163	-0.1415	-8.20E-5	2.70E-4	2.63E-4
	CC13	-0.3072	-0.1155	-0.1416	-8.18E-5	2.74E-4	2.74E-4
	CC14	0.0989	0.6478	-0.0841	1.65E-4	-8.75E-5	-1.54E-4
	CC15	0.0859	0.6503	-0.0845	1.66E-4	-7.66E-5	-1.19E-4
	CC16	-0.0853	0.7168	-0.1019	1.92E-4	7.87E-5	-7.55E-6
	CC17	-0.0983	0.7193	-0.1022	1.92E-4	8.96E-5	2.68E-5
	CC18	0.1013	-0.7592	-0.1131	-3.05E-4	-9.72E-5	-1.79E-5
	CC19	0.0883	-0.7567	-0.1135	-3.04E-4	-8.63E-5	1.65E-5
	CC20	-0.0829	-0.6902	-0.1308	-2.78E-4	6.90E-5	1.28E-4
	CC21	-0.0959	-0.6877	-0.1312	-2.77E-4	7.99E-5	1.63E-4
171	CC1	0.0032	-0.0217	-0.1043	-3.16E-5	-1.60E-5	4.97E-6
	CC2	0.0032	-0.0217	-0.1043	-3.16E-5	-1.60E-5	4.97E-6
	CC3	0.0032	-0.0217	-0.1043	-3.16E-5	-1.60E-5	4.97E-6
	CC4	0.0032	-0.0204	-0.1011	-2.91E-5	-1.48E-5	4.65E-6
	CC5	0.0032	-0.0204	-0.1011	-2.91E-5	-1.48E-5	4.65E-6
	CC6	0.2801	0.0756	-0.0314	3.82E-5	-1.87E-4	-2.65E-4
	CC7	0.2790	0.0764	-0.0307	3.86E-5	-1.87E-4	-2.54E-4
	CC8	0.2925	-0.3465	-0.0879	-2.18E-4	-1.89E-4	-2.24E-4
	CC9	0.2914	-0.3457	-0.0872	-2.17E-4	-1.89E-4	-2.13E-4
	CC10	-0.2851	0.3058	-0.1127	1.61E-4	1.60E-4	2.22E-4
	CC11	-0.2862	0.3066	-0.1120	1.61E-4	1.60E-4	2.33E-4
	CC12	-0.2727	-0.1163	-0.1692	-9.53E-5	1.58E-4	2.63E-4
	CC13	-0.2737	-0.1155	-0.1685	-9.48E-5	1.58E-4	2.74E-4
	CC14	0.0688	0.6478	0.0053	3.79E-4	-6.39E-5	-1.54E-4
	CC15	0.0657	0.6503	0.0075	3.80E-4	-6.20E-5	-1.19E-4
	CC16	-0.1007	0.7169	-0.0191	4.16E-4	4.02E-5	-7.47E-6
	CC17	-0.1039	0.7193	-0.0169	4.17E-4	4.21E-5	2.69E-5
	CC18	0.1102	-0.7592	-0.1830	-4.74E-4	-7.10E-5	-1.78E-5
	CC19	0.1070	-0.7567	-0.1808	-4.72E-4	-6.90E-5	1.66E-5
	CC20	-0.0594	-0.6902	-0.2074	-4.37E-4	3.31E-5	1.28E-4
	CC21	-0.0625	-0.6877	-0.2052	-4.36E-4	3.50E-5	1.63E-4
172	CC1	-0.0028	-0.0221	-0.1344	1.19E-4	-3.10E-5	8.81E-6
	CC2	-0.0028	-0.0221	-0.1344	1.19E-4	-3.10E-5	8.81E-6
	CC3	-0.0028	-0.0221	-0.1344	1.19E-4	-3.10E-5	8.81E-6
	CC4	-0.0025	-0.0206	-0.1278	1.19E-4	-2.99E-5	8.16E-6
	CC5	-0.0025	-0.0206	-0.1278	1.19E-4	-2.99E-5	8.16E-6
	CC6	0.3927	0.1732	-0.1126	3.01E-4	-1.29E-4	-2.62E-4
	CC7	0.3811	0.1699	-0.1127	3.01E-4	-1.26E-4	-2.50E-4
	CC8	0.3668	-0.2637	-0.1285	2.14E-4	-1.22E-4	-2.21E-4
	CC9	0.3552	-0.2669	-0.1285	2.14E-4	-1.19E-4	-2.09E-4
	CC10	-0.3599	0.2269	-0.1228	2.40E-5	5.97E-5	2.25E-4
	CC11	-0.3715	0.2236	-0.1228	2.39E-5	6.31E-5	2.37E-4
	CC12	-0.3858	-0.2100	-0.1386	-6.30E-5	6.67E-5	2.66E-4
	CC13	-0.3974	-0.2133	-0.1387	-6.31E-5	7.01E-5	2.77E-4
	CC14	0.1713	0.7050	-0.0976	3.06E-4	-7.47E-5	-1.50E-4
	CC15	0.1361	0.6951	-0.0977	3.05E-4	-6.44E-5	-1.16E-4
	CC16	-0.0545	0.7211	-0.1007	2.23E-4	-1.80E-5	-4.07E-6
	CC17	-0.0897	0.7112	-0.1007	2.22E-4	-7.68E-6	3.03E-5
	CC18	0.0850	-0.7512	-0.1506	1.59E-5	-5.14E-5	-1.44E-5
	CC19	0.0498	-0.7612	-0.1506	1.54E-5	-4.11E-5	2.00E-5
	CC20	-0.1408	-0.7352	-0.1536	-6.72E-5	5.30E-6	1.32E-4
	CC21	-0.1760	-0.7451	-0.1537	-6.78E-5	1.56E-5	1.66E-4
173	CC1	0.0023	-0.0225	-0.1175	-4.62E-5	-4.61E-5	1.89E-6
	CC2	0.0023	-0.0225	-0.1175	-4.62E-5	-4.61E-5	1.89E-6
	CC3	0.0023	-0.0225	-0.1175	-4.62E-5	-4.61E-5	1.89E-6
	CC4	0.0023	-0.0209	-0.1132	-4.41E-5	-4.36E-5	1.44E-6
	CC5	0.0023	-0.0209	-0.1132	-4.41E-5	-4.36E-5	1.44E-6
	CC6	0.3108	0.1729	-0.1701	2.25E-6	-2.25E-4	-2.68E-4
	CC7	0.3065	0.1696	-0.1691	2.16E-6	-2.23E-4	-2.57E-4
	CC8	0.3116	-0.2640	-0.1773	-2.04E-4	-2.27E-4	-2.27E-4
	CC9	0.3073	-0.2673	-0.1762	-2.04E-4	-2.25E-4	-2.16E-4

	CC10	-0.3027	0.2265	-0.0473	1.17E-4	1.40E-4	2.19E-4
	CC11	-0.3070	0.2232	-0.0462	1.17E-4	1.42E-4	2.30E-4
	CC12	-0.3019	-0.2104	-0.0544	-8.88E-5	1.37E-4	2.59E-4
	CC13	-0.3061	-0.2136	-0.0534	-8.89E-5	1.40E-4	2.71E-4
	CC14	0.0995	0.7047	-0.1198	2.83E-4	-9.75E-5	-1.57E-4
	CC15	0.0865	0.6947	-0.1166	2.82E-4	-9.01E-5	-1.22E-4
	CC16	-0.0846	0.7208	-0.0830	3.17E-4	1.20E-5	-1.07E-5
	CC17	-0.0975	0.7108	-0.0798	3.17E-4	1.93E-5	2.36E-5
	CC18	0.1022	-0.7516	-0.1437	-4.03E-4	-1.05E-4	-2.10E-5
	CC19	0.0892	-0.7615	-0.1405	-4.04E-4	-9.74E-5	1.33E-5
	CC20	-0.0819	-0.7355	-0.1069	-3.69E-4	4.71E-6	1.25E-4
	CC21	-0.0948	-0.7455	-0.1037	-3.69E-4	1.20E-5	1.59E-4
174	CC1	0.0030	-0.0225	-0.1238	3.18E-6	-5.39E-5	2.33E-6
	CC2	0.0030	-0.0225	-0.1238	3.18E-6	-5.39E-5	2.33E-6
	CC3	0.0030	-0.0225	-0.1238	3.18E-6	-5.39E-5	2.33E-6
	CC4	0.0031	-0.0209	-0.1192	3.48E-6	-5.00E-5	2.13E-6
	CC5	0.0031	-0.0209	-0.1192	3.48E-6	-5.00E-5	2.13E-6
	CC6	0.2800	0.1703	-0.1267	-1.37E-4	-2.26E-4	-2.67E-4
	CC7	0.2789	0.1671	-0.1264	-1.36E-4	-2.27E-4	-2.56E-4
	CC8	0.2924	-0.2662	-0.1374	-1.92E-4	-9.33E-5	-2.27E-4
	CC9	0.2913	-0.2694	-0.1370	-1.91E-4	-9.45E-5	-2.15E-4
	CC10	-0.2852	0.2286	-0.0983	1.98E-4	-2.91E-6	2.19E-4
	CC11	-0.2862	0.2254	-0.0979	2.00E-4	-4.12E-6	2.31E-4
	CC12	-0.2728	-0.2079	-0.1090	1.43E-4	1.30E-4	2.60E-4
	CC13	-0.2738	-0.2111	-0.1086	1.44E-4	1.28E-4	2.72E-4
	CC14	0.0688	0.7031	-0.1047	4.30E-5	-3.01E-4	-1.56E-4
	CC15	0.0656	0.6935	-0.1036	4.76E-5	-3.05E-4	-1.22E-4
	CC16	-0.1008	0.7206	-0.0962	1.44E-4	-2.34E-4	-9.95E-6
	CC17	-0.1040	0.7110	-0.0950	1.48E-4	-2.38E-4	2.44E-5
	CC18	0.1101	-0.7518	-0.1403	-1.41E-4	1.41E-4	-2.03E-5
	CC19	0.1069	-0.7615	-0.1391	-1.36E-4	1.37E-4	1.41E-5
	CC20	-0.0595	-0.7343	-0.1318	-4.04E-5	2.08E-4	1.26E-4
	CC21	-0.0626	-0.7440	-0.1306	-3.58E-5	2.04E-4	1.60E-4
175	CC1	-0.0037	-0.0251	-0.1573	1.05E-4	-3.93E-5	4.58E-6
	CC2	-0.0037	-0.0251	-0.1573	1.05E-4	-3.93E-5	4.58E-6
	CC3	-0.0037	-0.0251	-0.1573	1.05E-4	-3.93E-5	4.58E-6
	CC4	-0.0033	-0.0231	-0.1500	1.06E-4	-3.85E-5	4.09E-6
	CC5	-0.0033	-0.0231	-0.1500	1.06E-4	-3.85E-5	4.09E-6
	CC6	0.3919	0.2698	-0.1285	8.50E-4	-3.05E-4	-2.66E-4
	CC7	0.3803	0.2624	-0.1284	8.74E-4	-3.00E-4	-2.54E-4
	CC8	0.3660	-0.1819	-0.1474	4.77E-4	-3.22E-4	-2.25E-4
	CC9	0.3544	-0.1893	-0.1473	5.01E-4	-3.17E-4	-2.13E-4
	CC10	-0.3607	0.1444	-0.1479	-2.90E-4	2.40E-4	2.21E-4
	CC11	-0.3723	0.1370	-0.1478	-2.66E-4	2.46E-4	2.33E-4
	CC12	-0.3866	-0.3073	-0.1667	-6.62E-4	2.24E-4	2.62E-4
	CC13	-0.3982	-0.3147	-0.1667	-6.38E-4	2.29E-4	2.73E-4
	CC14	0.1705	0.7603	-0.1134	8.61E-4	-1.01E-4	-1.54E-4
	CC15	0.1353	0.7379	-0.1131	9.34E-4	-8.43E-5	-1.20E-4
	CC16	-0.0553	0.7227	-0.1192	5.19E-4	6.31E-5	-8.09E-6
	CC17	-0.0905	0.7003	-0.1189	5.92E-4	7.94E-5	2.62E-5
	CC18	0.0842	-0.7452	-0.1763	-3.81E-4	-1.56E-4	-1.84E-5
	CC19	0.0490	-0.7676	-0.1760	-3.07E-4	-1.40E-4	1.59E-5
	CC20	-0.1416	-0.7828	-0.1821	-7.23E-4	7.84E-6	1.28E-4
	CC21	-0.1768	-0.8052	-0.1818	-6.49E-4	2.41E-5	1.62E-4
176	CC1	0.0010	-0.0225	-0.1547	-4.08E-5	-4.49E-5	1.90E-6
	CC2	0.0010	-0.0225	-0.1547	-4.08E-5	-4.49E-5	1.90E-6
	CC3	0.0010	-0.0225	-0.1547	-4.08E-5	-4.49E-5	1.90E-6
	CC4	0.0011	-0.0206	-0.1483	-3.78E-5	-4.32E-5	1.67E-6
	CC5	0.0011	-0.0206	-0.1483	-3.78E-5	-4.32E-5	1.67E-6
	CC6	0.3099	0.2722	-0.1729	4.60E-5	-9.22E-5	-2.68E-4
	CC7	0.3056	0.2649	-0.1727	4.98E-5	-9.65E-5	-2.57E-4
	CC8	0.3106	-0.1794	-0.1832	-1.04E-5	-1.07E-4	-2.27E-4
	CC9	0.3063	-0.1868	-0.1831	-6.72E-6	-1.11E-4	-2.16E-4
	CC10	-0.3040	0.1468	-0.1092	-6.67E-5	2.57E-5	2.19E-4
	CC11	-0.3083	0.1394	-0.1091	-6.30E-5	2.13E-5	2.30E-4
	CC12	-0.3032	-0.3048	-0.1196	-1.23E-4	1.13E-5	2.60E-4
	CC13	-0.3075	-0.3122	-0.1194	-1.19E-4	6.97E-6	2.71E-4
	CC14	0.0986	0.7628	-0.1387	6.87E-5	-2.97E-5	-1.56E-4
	CC15	0.0856	0.7404	-0.1383	8.00E-5	-4.29E-5	-1.22E-4
	CC16	-0.0856	0.7252	-0.1196	3.48E-5	5.64E-6	-1.04E-5
	CC17	-0.0986	0.7027	-0.1192	4.61E-5	-7.56E-6	2.39E-5
	CC18	0.1010	-0.7427	-0.1732	-1.20E-4	-7.76E-5	-2.07E-5

	CC19	0.0880	-0.7652	-0.1727	-1.08E-4	-9.08E-5	1.36E-5
	CC20	-0.0832	-0.7804	-0.1540	-1.53E-4	-4.23E-5	1.25E-4
	CC21	-0.0962	-0.8028	-0.1536	-1.42E-4	-5.55E-5	1.60E-4
177	CC1	0.0024	-0.0225	-0.1300	-6.62E-5	-1.19E-5	3.53E-6
	CC2	0.0024	-0.0225	-0.1300	-6.62E-5	-1.19E-5	3.53E-6
	CC3	0.0024	-0.0225	-0.1300	-6.62E-5	-1.19E-5	3.53E-6
	CC4	0.0025	-0.0206	-0.1255	-6.12E-5	-1.23E-5	3.59E-6
	CC5	0.0025	-0.0206	-0.1255	-6.12E-5	-1.23E-5	3.59E-6
	CC6	0.2794	0.2722	-0.1312	7.43E-5	-1.76E-4	-2.66E-4
	CC7	0.2784	0.2649	-0.1315	7.19E-5	-1.76E-4	-2.55E-4
	CC8	0.2918	-0.1794	-0.1424	-1.43E-4	-1.68E-4	-2.25E-4
	CC9	0.2908	-0.1868	-0.1427	-1.45E-4	-1.69E-4	-2.14E-4
	CC10	-0.2857	0.1468	-0.1054	2.62E-5	1.44E-4	2.21E-4
	CC11	-0.2868	0.1394	-0.1057	2.38E-5	1.44E-4	2.32E-4
	CC12	-0.2733	-0.3048	-0.1166	-1.91E-4	1.51E-4	2.62E-4
	CC13	-0.2744	-0.3122	-0.1169	-1.93E-4	1.51E-4	2.73E-4
	CC14	0.0682	0.7628	-0.1088	3.13E-4	-7.30E-5	-1.54E-4
	CC15	0.0651	0.7404	-0.1097	3.06E-4	-7.35E-5	-1.20E-4
	CC16	-0.1013	0.7252	-0.1010	2.99E-4	2.30E-5	-8.40E-6
	CC17	-0.1045	0.7027	-0.1019	2.92E-4	2.25E-5	2.59E-5
	CC18	0.1096	-0.7427	-0.1461	-4.11E-4	-4.74E-5	-1.87E-5
	CC19	0.1064	-0.7652	-0.1470	-4.18E-4	-4.79E-5	1.56E-5
	CC20	-0.0600	-0.7804	-0.1384	-4.25E-4	4.86E-5	1.27E-4
	CC21	-0.0631	-0.8028	-0.1393	-4.32E-4	4.81E-5	1.62E-4
178	CC1	0.0056	-0.0226	-0.1026	-7.49E-5	-1.43E-5	3.55E-6
	CC2	0.0056	-0.0226	-0.1026	-7.49E-5	-1.43E-5	3.55E-6
	CC3	0.0056	-0.0226	-0.1026	-7.49E-5	-1.43E-5	3.55E-6
	CC4	0.0057	-0.0207	-0.0998	-7.05E-5	-1.46E-5	3.44E-6
	CC5	0.0057	-0.0207	-0.0998	-7.05E-5	-1.46E-5	3.44E-6
	CC6	0.2524	0.2609	-0.1527	1.05E-4	-2.19E-4	-2.66E-4
	CC7	0.2553	0.2540	-0.1527	1.04E-4	-2.23E-4	-2.55E-4
	CC8	0.2788	-0.1890	-0.1250	-4.36E-5	-2.35E-4	-2.25E-4
	CC9	0.2816	-0.1959	-0.1250	-4.42E-5	-2.39E-4	-2.14E-4
	CC10	-0.2701	0.1559	-0.0728	-9.37E-5	2.09E-4	2.21E-4
	CC11	-0.2673	0.1490	-0.0729	-9.44E-5	2.05E-4	2.32E-4
	CC12	-0.2438	-0.2941	-0.0451	-2.42E-4	1.94E-4	2.62E-4
	CC13	-0.2409	-0.3010	-0.0451	-2.43E-4	1.90E-4	2.73E-4
	CC14	0.0359	0.7561	-0.1570	2.10E-4	-4.74E-5	-1.55E-4
	CC15	0.0445	0.7351	-0.1572	2.08E-4	-5.86E-5	-1.20E-4
	CC16	-0.1208	0.7246	-0.1330	1.50E-4	8.11E-5	-8.61E-6
	CC17	-0.1122	0.7036	-0.1332	1.48E-4	6.99E-5	2.57E-5
	CC18	0.1238	-0.7437	-0.0646	-2.86E-4	-9.94E-5	-1.89E-5
	CC19	0.1324	-0.7647	-0.0648	-2.88E-4	-1.11E-4	1.54E-5
	CC20	-0.0330	-0.7752	-0.0407	-3.46E-4	2.92E-5	1.27E-4
	CC21	-0.0244	-0.7962	-0.0408	-3.48E-4	1.79E-5	1.61E-4
179	CC1	-0.0037	-0.0208	-0.1638	7.70E-5	-1.10E-5	-6.16E-6
	CC2	-0.0037	-0.0208	-0.1638	7.70E-5	-1.10E-5	-6.16E-6
	CC3	-0.0037	-0.0208	-0.1638	7.70E-5	-1.10E-5	-6.16E-6
	CC4	-0.0032	-0.0189	-0.1566	7.66E-5	-1.10E-5	-5.90E-6
	CC5	-0.0032	-0.0189	-0.1566	7.66E-5	-1.10E-5	-5.90E-6
	CC6	0.3920	0.3739	-0.1200	4.12E-4	-2.48E-4	-2.75E-4
	CC7	0.3804	0.3623	-0.1203	4.18E-4	-2.44E-4	-2.64E-4
	CC8	0.3661	-0.0930	-0.1510	1.41E-4	-2.63E-4	-2.35E-4
	CC9	0.3545	-0.1046	-0.1514	1.46E-4	-2.59E-4	-2.23E-4
	CC10	-0.3607	0.0680	-0.1569	6.63E-6	2.37E-4	2.12E-4
	CC11	-0.3723	0.0564	-0.1573	1.18E-5	2.42E-4	2.23E-4
	CC12	-0.3866	-0.3989	-0.1880	-2.65E-4	2.22E-4	2.52E-4
	CC13	-0.3981	-0.4105	-0.1884	-2.60E-4	2.26E-4	2.64E-4
	CC14	0.1705	0.8233	-0.0962	5.82E-4	-6.58E-5	-1.64E-4
	CC15	0.1354	0.7881	-0.0974	5.97E-4	-5.14E-5	-1.30E-4
	CC16	-0.0553	0.7315	-0.1073	4.60E-4	7.97E-5	-1.78E-5
	CC17	-0.0904	0.6963	-0.1085	4.76E-4	9.42E-5	1.65E-5
	CC18	0.0842	-0.7329	-0.1999	-3.23E-4	-1.16E-4	-2.81E-5
	CC19	0.0491	-0.7681	-0.2010	-3.07E-4	-1.02E-4	6.21E-6
	CC20	-0.1415	-0.8246	-0.2109	-4.44E-4	2.94E-5	1.18E-4
	CC21	-0.1767	-0.8599	-0.2121	-4.29E-4	4.39E-5	1.52E-4
180	CC1	-0.0001	-0.0202	-0.1543	-5.78E-5	-2.10E-6	4.50E-6
	CC2	-0.0001	-0.0202	-0.1543	-5.78E-5	-2.10E-6	4.50E-6
	CC3	-0.0001	-0.0202	-0.1543	-5.78E-5	-2.10E-6	4.50E-6
	CC4	0.0001	-0.0184	-0.1481	-5.39E-5	-2.25E-6	4.39E-6
	CC5	0.0001	-0.0184	-0.1481	-5.39E-5	-2.25E-6	4.39E-6
	CC6	0.3089	0.3758	-0.1525	-2.73E-5	-1.51E-4	-2.65E-4

	CC7	0.3047	0.3641	-0.1529	-2.86E-5	-1.53E-4	-2.54E-4
	CC8	0.3097	-0.0913	-0.1690	-4.62E-5	-1.60E-4	-2.24E-4
	CC9	0.3054	-0.1030	-0.1695	-4.75E-5	-1.62E-4	-2.13E-4
	CC10	-0.3049	0.0674	-0.1227	-5.78E-5	1.57E-4	2.22E-4
	CC11	-0.3092	0.0558	-0.1231	-5.90E-5	1.56E-4	2.33E-4
	CC12	-0.3042	-0.3996	-0.1392	-7.67E-5	1.48E-4	2.62E-4
	CC13	-0.3085	-0.4113	-0.1397	-7.79E-5	1.47E-4	2.74E-4
	CC14	0.0976	0.8246	-0.1223	-1.46E-5	-3.15E-5	-1.54E-4
	CC15	0.0846	0.7892	-0.1237	-1.85E-5	-3.52E-5	-1.19E-4
	CC16	-0.0865	0.7321	-0.1134	-2.37E-5	6.10E-5	-7.67E-6
	CC17	-0.0996	0.6967	-0.1147	-2.76E-5	5.73E-5	2.67E-5
	CC18	0.1000	-0.7322	-0.1774	-7.76E-5	-6.19E-5	-1.80E-5
	CC19	0.0870	-0.7676	-0.1788	-8.15E-5	-6.56E-5	1.64E-5
	CC20	-0.0842	-0.8247	-0.1685	-8.67E-5	3.06E-5	1.28E-4
	CC21	-0.0972	-0.8601	-0.1699	-9.07E-5	2.69E-5	1.62E-4
181	CC1	0.0019	-0.0202	-0.1411	-4.53E-5	-6.09E-6	2.24E-6
	CC2	0.0019	-0.0202	-0.1411	-4.53E-5	-6.09E-6	2.24E-6
	CC3	0.0019	-0.0202	-0.1411	-4.53E-5	-6.09E-6	2.24E-6
	CC4	0.0021	-0.0184	-0.1362	-4.07E-5	-5.91E-6	2.25E-6
	CC5	0.0021	-0.0184	-0.1362	-4.07E-5	-5.91E-6	2.25E-6
	CC6	0.2790	0.3744	-0.1514	-1.07E-5	-1.66E-4	-2.67E-4
	CC7	0.2780	0.3628	-0.1513	-1.55E-5	-1.66E-4	-2.56E-4
	CC8	0.2914	-0.0924	-0.1454	-2.24E-4	-1.60E-4	-2.26E-4
	CC9	0.2904	-0.1040	-0.1452	-2.29E-4	-1.59E-4	-2.15E-4
	CC10	-0.2862	0.0685	-0.1239	1.50E-4	1.48E-4	2.20E-4
	CC11	-0.2872	0.0569	-0.1237	1.46E-4	1.48E-4	2.31E-4
	CC12	-0.2738	-0.3983	-0.1178	-6.29E-5	1.55E-4	2.60E-4
	CC13	-0.2748	-0.4099	-0.1177	-6.77E-5	1.55E-4	2.72E-4
	CC14	0.0678	0.8238	-0.1490	3.00E-4	-6.45E-5	-1.56E-4
	CC15	0.0647	0.7886	-0.1485	2.85E-4	-6.44E-5	-1.21E-4
	CC16	-0.1018	0.7321	-0.1407	3.48E-4	2.98E-5	-9.77E-6
	CC17	-0.1049	0.6968	-0.1403	3.33E-4	2.99E-5	2.46E-5
	CC18	0.1091	-0.7323	-0.1289	-4.12E-4	-4.16E-5	-2.01E-5
	CC19	0.1060	-0.7676	-0.1284	-4.26E-4	-4.15E-5	1.43E-5
	CC20	-0.0604	-0.8241	-0.1206	-3.63E-4	5.27E-5	1.26E-4
	CC21	-0.0636	-0.8593	-0.1201	-3.78E-4	5.27E-5	1.60E-4
182	CC1	0.0044	-0.0203	-0.1185	-6.73E-5	-3.51E-6	-5.70E-6
	CC2	0.0044	-0.0203	-0.1185	-6.73E-5	-3.51E-6	-5.70E-6
	CC3	0.0044	-0.0203	-0.1185	-6.73E-5	-3.51E-6	-5.70E-6
	CC4	0.0046	-0.0184	-0.1155	-6.22E-5	-3.85E-6	-5.23E-6
	CC5	0.0046	-0.0184	-0.1155	-6.22E-5	-3.85E-6	-5.23E-6
	CC6	0.2514	0.3744	-0.1094	-5.90E-5	-1.33E-4	-2.75E-4
	CC7	0.2542	0.3628	-0.1084	-6.25E-5	-1.35E-4	-2.63E-4
	CC8	0.2777	-0.0925	-0.0754	-1.99E-4	-1.46E-4	-2.34E-4
	CC9	0.2805	-0.1041	-0.0744	-2.02E-4	-1.48E-4	-2.22E-4
	CC10	-0.2712	0.0685	-0.1547	8.14E-5	1.40E-4	2.12E-4
	CC11	-0.2684	0.0569	-0.1536	7.78E-5	1.39E-4	2.24E-4
	CC12	-0.2448	-0.3984	-0.1207	-5.85E-5	1.27E-4	2.53E-4
	CC13	-0.2420	-0.4100	-0.1196	-6.21E-5	1.25E-4	2.64E-4
	CC14	0.0348	0.8238	-0.1660	1.57E-4	-2.11E-5	-1.63E-4
	CC15	0.0434	0.7886	-0.1628	1.46E-4	-2.53E-5	-1.29E-4
	CC16	-0.1219	0.7320	-0.1796	1.99E-4	6.09E-5	-1.71E-5
	CC17	-0.1133	0.6968	-0.1764	1.88E-4	5.66E-5	1.72E-5
	CC18	0.1227	-0.7324	-0.0526	-3.09E-4	-6.46E-5	-2.74E-5
	CC19	0.1313	-0.7676	-0.0495	-3.20E-4	-6.89E-5	6.94E-6
	CC20	-0.0341	-0.8242	-0.0662	-2.67E-4	1.74E-5	1.19E-4
	CC21	-0.0255	-0.8594	-0.0630	-2.78E-4	1.31E-5	1.53E-4
183	CC1	-0.0040	-0.0158	-0.1714	1.48E-4	7.28E-6	-1.66E-6
	CC2	-0.0040	-0.0158	-0.1714	1.48E-4	7.28E-6	-1.66E-6
	CC3	-0.0040	-0.0158	-0.1714	1.48E-4	7.28E-6	-1.66E-6
	CC4	-0.0035	-0.0143	-0.1639	1.44E-4	5.51E-6	-1.51E-6
	CC5	-0.0035	-0.0143	-0.1639	1.44E-4	5.51E-6	-1.51E-6
	CC6	0.3917	0.4745	-0.1662	5.70E-4	-2.46E-4	-2.71E-4
	CC7	0.3801	0.4588	-0.1668	5.64E-4	-2.41E-4	-2.60E-4
	CC8	0.3658	-0.0070	-0.1980	2.03E-4	-2.62E-4	-2.30E-4
	CC9	0.3542	-0.0226	-0.1987	1.97E-4	-2.57E-4	-2.19E-4
	CC10	-0.3609	-0.0050	-0.1240	8.98E-5	2.67E-4	2.16E-4
	CC11	-0.3725	-0.0206	-0.1247	8.42E-5	2.72E-4	2.27E-4
	CC12	-0.3868	-0.4864	-0.1559	-2.77E-4	2.51E-4	2.57E-4
	CC13	-0.3984	-0.5021	-0.1565	-2.83E-4	2.56E-4	2.68E-4
	CC14	0.1703	0.8843	-0.1137	8.35E-4	-5.37E-5	-1.60E-4
	CC15	0.1351	0.8367	-0.1156	8.18E-4	-3.84E-5	-1.25E-4

	CC16	-0.0555	0.7404	-0.1010	6.92E-4	1.00E-4	-1.35E-5
	CC17	-0.0907	0.6929	-0.1029	6.74E-4	1.15E-4	2.09E-5
	CC18	0.0840	-0.7205	-0.2198	-3.88E-4	-1.06E-4	-2.38E-5
	CC19	0.0488	-0.7680	-0.2217	-4.05E-4	-9.03E-5	1.06E-5
	CC20	-0.1418	-0.8643	-0.2072	-5.31E-4	4.82E-5	1.22E-4
	CC21	-0.1770	-0.9119	-0.2091	-5.49E-4	6.36E-5	1.57E-4
184	CC1	-0.0012	-0.0144	-0.1687	-1.19E-4	-1.49E-6	2.94E-6
	CC2	-0.0012	-0.0144	-0.1687	-1.19E-4	-1.49E-6	2.94E-6
	CC3	-0.0012	-0.0144	-0.1687	-1.19E-4	-1.49E-6	2.94E-6
	CC4	-0.0009	-0.0130	-0.1617	-1.12E-4	-2.09E-6	2.95E-6
	CC5	-0.0009	-0.0130	-0.1617	-1.12E-4	-2.09E-6	2.95E-6
	CC6	0.3079	0.4771	-0.1687	-5.72E-5	-1.57E-4	-2.67E-4
	CC7	0.3036	0.4614	-0.1694	-5.87E-5	-1.58E-4	-2.55E-4
	CC8	0.3087	-0.0046	-0.1854	-1.02E-4	-1.70E-4	-2.26E-4
	CC9	0.3044	-0.0203	-0.1861	-1.04E-4	-1.71E-4	-2.14E-4
	CC10	-0.3059	-0.0047	-0.1327	-1.15E-4	1.67E-4	2.20E-4
	CC11	-0.3102	-0.0204	-0.1334	-1.17E-4	1.65E-4	2.32E-4
	CC12	-0.3052	-0.4863	-0.1494	-1.60E-4	1.53E-4	2.61E-4
	CC13	-0.3095	-0.5020	-0.1501	-1.62E-4	1.52E-4	2.72E-4
	CC14	0.0966	0.8863	-0.1359	-2.32E-5	-2.66E-5	-1.55E-4
	CC15	0.0836	0.8387	-0.1380	-2.78E-5	-3.09E-5	-1.21E-4
	CC16	-0.0875	0.7418	-0.1251	-4.06E-5	7.03E-5	-9.06E-6
	CC17	-0.1006	0.6941	-0.1272	-4.52E-5	6.61E-5	2.53E-5
	CC18	0.0990	-0.7191	-0.1915	-1.74E-4	-7.07E-5	-1.94E-5
	CC19	0.0860	-0.7668	-0.1937	-1.78E-4	-7.49E-5	1.50E-5
	CC20	-0.0852	-0.8636	-0.1808	-1.91E-4	2.63E-5	1.27E-4
	CC21	-0.0982	-0.9113	-0.1829	-1.96E-4	2.21E-5	1.61E-4
185	CC1	0.0006	-0.0139	-0.1335	-4.58E-5	4.54E-6	7.84E-6
	CC2	0.0006	-0.0139	-0.1335	-4.58E-5	4.54E-6	7.84E-6
	CC3	0.0006	-0.0139	-0.1335	-4.58E-5	4.54E-6	7.84E-6
	CC4	0.0009	-0.0125	-0.1292	-4.07E-5	3.79E-6	7.72E-6
	CC5	0.0009	-0.0125	-0.1292	-4.07E-5	3.79E-6	7.72E-6
	CC6	0.2779	0.4650	-0.1372	1.23E-4	-2.09E-4	-2.62E-4
	CC7	0.2768	0.4498	-0.1375	1.20E-4	-2.12E-4	-2.50E-4
	CC8	0.2903	-0.0148	-0.1418	-6.83E-6	-2.24E-4	-2.21E-4
	CC9	0.2893	-0.0299	-0.1421	-9.90E-6	-2.27E-4	-2.10E-4
	CC10	-0.2873	0.0059	-0.1135	-6.82E-5	2.34E-4	2.25E-4
	CC11	-0.2883	-0.0093	-0.1138	-7.13E-5	2.31E-4	2.36E-4
	CC12	-0.2749	-0.4738	-0.1181	-1.98E-4	2.19E-4	2.66E-4
	CC13	-0.2759	-0.4890	-0.1184	-2.01E-4	2.16E-4	2.77E-4
	CC14	0.0667	0.8794	-0.1233	2.11E-4	-3.24E-5	-1.50E-4
	CC15	0.0635	0.8333	-0.1241	2.01E-4	-4.14E-5	-1.16E-4
	CC16	-0.1029	0.7417	-0.1162	1.53E-4	1.00E-4	-4.34E-6
	CC17	-0.1060	0.6956	-0.1170	1.44E-4	9.14E-5	3.00E-5
	CC18	0.1080	-0.7197	-0.1386	-2.22E-4	-8.44E-5	-1.46E-5
	CC19	0.1049	-0.7657	-0.1394	-2.31E-4	-9.34E-5	1.97E-5
	CC20	-0.0616	-0.8574	-0.1315	-2.80E-4	4.85E-5	1.31E-4
	CC21	-0.0647	-0.9035	-0.1323	-2.89E-4	3.95E-5	1.66E-4
186	CC1	0.0045	-0.0144	-0.1205	-3.97E-5	-1.67E-5	-1.52E-5
	CC2	0.0045	-0.0144	-0.1205	-3.97E-5	-1.67E-5	-1.52E-5
	CC3	0.0045	-0.0144	-0.1205	-3.97E-5	-1.67E-5	-1.52E-5
	CC4	0.0047	-0.0129	-0.1177	-3.65E-5	-1.68E-5	-1.39E-5
	CC5	0.0047	-0.0129	-0.1177	-3.65E-5	-1.68E-5	-1.39E-5
	CC6	0.2515	0.4759	-0.1913	1.52E-4	-1.89E-4	-2.83E-4
	CC7	0.2543	0.4603	-0.1910	1.48E-4	-1.91E-4	-2.72E-4
	CC8	0.2778	-0.0055	-0.1640	-9.67E-6	-1.86E-4	-2.42E-4
	CC9	0.2806	-0.0212	-0.1637	-1.38E-5	-1.87E-4	-2.31E-4
	CC10	-0.2711	-0.0037	-0.0697	-5.71E-5	1.54E-4	2.04E-4
	CC11	-0.2683	-0.0194	-0.0694	-6.12E-5	1.52E-4	2.15E-4
	CC12	-0.2447	-0.4852	-0.0424	-2.19E-4	1.57E-4	2.45E-4
	CC13	-0.2419	-0.5009	-0.0421	-2.23E-4	1.56E-4	2.56E-4
	CC14	0.0349	0.8857	-0.1809	2.72E-4	-7.17E-5	-1.72E-4
	CC15	0.0435	0.8381	-0.1800	2.59E-4	-7.58E-5	-1.37E-4
	CC16	-0.1218	0.7418	-0.1444	2.09E-4	3.12E-5	-2.55E-5
	CC17	-0.1132	0.6942	-0.1435	1.97E-4	2.71E-5	8.80E-6
	CC18	0.1228	-0.7192	-0.0899	-2.67E-4	-6.08E-5	-3.58E-5
	CC19	0.1314	-0.7667	-0.0890	-2.80E-4	-6.48E-5	-1.50E-6
	CC20	-0.0340	-0.8631	-0.0534	-3.30E-4	4.21E-5	1.10E-4
	CC21	-0.0254	-0.9106	-0.0525	-3.43E-4	3.81E-5	1.45E-4
187	CC1	-0.0008	-0.0090	-0.1234	8.20E-6	4.38E-5	8.38E-6
	CC2	-0.0008	-0.0090	-0.1234	8.20E-6	4.38E-5	8.38E-6
	CC3	-0.0008	-0.0090	-0.1234	8.20E-6	4.38E-5	8.38E-6

	CC4	-0.0005	-0.0080	-0.1203	9.17E-6	4.06E-5	8.40E-6
	CC5	-0.0005	-0.0080	-0.1203	9.17E-6	4.06E-5	8.40E-6
	CC6	0.2765	0.5538	-0.1559	3.20E-4	-1.44E-4	-2.61E-4
	CC7	0.2755	0.5351	-0.1546	3.11E-4	-1.40E-4	-2.50E-4
	CC8	0.2889	0.0613	-0.1245	3.92E-5	-6.53E-5	-2.20E-4
	CC9	0.2879	0.0425	-0.1233	2.96E-5	-6.14E-5	-2.09E-4
	CC10	-0.2886	-0.0579	-0.1152	-1.06E-5	1.40E-4	2.26E-4
	CC11	-0.2897	-0.0766	-0.1139	-2.02E-5	1.44E-4	2.37E-4
	CC12	-0.2762	-0.5504	-0.0838	-2.92E-4	2.19E-4	2.67E-4
	CC13	-0.2773	-0.5691	-0.0826	-3.01E-4	2.23E-4	2.78E-4
	CC14	0.0653	0.9334	-0.1795	5.43E-4	-1.40E-4	-1.50E-4
	CC15	0.0622	0.8765	-0.1757	5.13E-4	-1.28E-4	-1.15E-4
	CC16	-0.1042	0.7499	-0.1673	4.43E-4	-5.45E-5	-3.61E-6
	CC17	-0.1074	0.6930	-0.1635	4.14E-4	-4.24E-5	3.07E-5
	CC18	0.1067	-0.7083	-0.0750	-3.95E-4	1.21E-4	-1.39E-5
	CC19	0.1035	-0.7652	-0.0712	-4.24E-4	1.34E-4	2.04E-5
	CC20	-0.0629	-0.8918	-0.0628	-4.94E-4	2.07E-4	1.32E-4
	CC21	-0.0660	-0.9487	-0.0590	-5.24E-4	2.19E-4	1.66E-4
188	CC1	0.0043	-0.0091	-0.1246	-1.59E-5	7.77E-6	-5.39E-6
	CC2	0.0043	-0.0091	-0.1246	-1.59E-5	7.77E-6	-5.39E-6
	CC3	0.0043	-0.0091	-0.1246	-1.59E-5	7.77E-6	-5.39E-6
	CC4	0.0045	-0.0081	-0.1218	-1.45E-5	6.81E-6	-4.63E-6
	CC5	0.0045	-0.0081	-0.1218	-1.45E-5	6.81E-6	-4.63E-6
	CC6	0.2512	0.5537	-0.1953	1.03E-4	1.02E-4	-2.74E-4
	CC7	0.2541	0.5350	-0.1938	1.03E-4	1.07E-4	-2.63E-4
	CC8	0.2776	0.0612	-0.1467	8.54E-5	1.97E-4	-2.33E-4
	CC9	0.2804	0.0424	-0.1453	8.62E-5	2.03E-4	-2.22E-4
	CC10	-0.2713	-0.0580	-0.0965	-1.14E-4	-1.90E-4	2.13E-4
	CC11	-0.2685	-0.0767	-0.0950	-1.14E-4	-1.84E-4	2.24E-4
	CC12	-0.2450	-0.5505	-0.0479	-1.32E-4	-9.45E-5	2.54E-4
	CC13	-0.2421	-0.5692	-0.0464	-1.31E-4	-8.87E-5	2.65E-4
	CC14	0.0347	0.9333	-0.2189	4.60E-5	-1.18E-4	-1.62E-4
	CC15	0.0433	0.8764	-0.2144	4.84E-5	-1.01E-4	-1.28E-4
	CC16	-0.1221	0.7498	-0.1893	-1.91E-5	-2.06E-4	-1.64E-5
	CC17	-0.1134	0.6929	-0.1847	-1.66E-5	-1.88E-4	1.79E-5
	CC18	0.1225	-0.7084	-0.0570	-1.14E-5	2.01E-4	-2.67E-5
	CC19	0.1311	-0.7653	-0.0525	-9.01E-6	2.19E-4	7.63E-6
	CC20	-0.0342	-0.8919	-0.0274	-7.65E-5	1.14E-4	1.19E-4
	CC21	-0.0256	-0.9488	-0.0228	-7.41E-5	1.31E-4	1.54E-4
189	CC1	-0.0037	-0.0100	-0.1370	1.74E-5	5.04E-5	4.05E-6
	CC2	-0.0037	-0.0100	-0.1370	1.74E-5	5.04E-5	4.05E-6
	CC3	-0.0037	-0.0100	-0.1370	1.74E-5	5.04E-5	4.05E-6
	CC4	-0.0032	-0.0090	-0.1328	1.86E-5	4.62E-5	3.84E-6
	CC5	-0.0032	-0.0090	-0.1328	1.86E-5	4.62E-5	3.84E-6
	CC6	0.3920	0.5964	-0.1481	-1.35E-4	-2.49E-4	-2.66E-4
	CC7	0.3804	0.5759	-0.1501	-1.55E-4	-2.43E-4	-2.54E-4
	CC8	0.3661	0.0973	-0.2101	-5.32E-4	-2.63E-4	-2.25E-4
	CC9	0.3545	0.0768	-0.2120	-5.52E-4	-2.56E-4	-2.14E-4
	CC10	-0.3606	-0.0941	-0.0509	5.90E-4	3.46E-4	2.21E-4
	CC11	-0.3722	-0.1146	-0.0528	5.70E-4	3.52E-4	2.32E-4
	CC12	-0.3865	-0.5932	-0.1128	1.93E-4	3.33E-4	2.62E-4
	CC13	-0.3981	-0.6137	-0.1148	1.73E-4	3.39E-4	2.73E-4
	CC14	0.1706	0.9580	-0.0398	6.03E-4	-3.21E-5	-1.54E-4
	CC15	0.1354	0.8956	-0.0457	5.41E-4	-1.27E-5	-1.20E-4
	CC16	-0.0552	0.7508	-0.0106	8.20E-4	1.47E-4	-8.25E-6
	CC17	-0.0904	0.6884	-0.0166	7.59E-4	1.66E-4	2.61E-5
	CC18	0.0843	-0.7057	-0.2463	-7.21E-4	-7.64E-5	-1.85E-5
	CC19	0.0491	-0.7681	-0.2522	-7.82E-4	-5.70E-5	1.58E-5
	CC20	-0.1415	-0.9129	-0.2171	-5.03E-4	1.02E-4	1.28E-4
	CC21	-0.1767	-0.9753	-0.2231	-5.65E-4	1.22E-4	1.62E-4
190	CC1	-0.0022	-0.0098	-0.1195	-2.62E-5	1.56E-5	1.20E-6
	CC2	-0.0022	-0.0098	-0.1195	-2.62E-5	1.56E-5	1.20E-6
	CC3	-0.0022	-0.0098	-0.1195	-2.62E-5	1.56E-5	1.20E-6
	CC4	-0.0018	-0.0088	-0.1166	-2.46E-5	1.45E-5	1.24E-6
	CC5	-0.0018	-0.0088	-0.1166	-2.46E-5	1.45E-5	1.24E-6
	CC6	0.3066	0.5966	-0.1350	3.46E-4	-2.32E-4	-2.68E-4
	CC7	0.3023	0.5760	-0.1374	3.34E-4	-2.32E-4	-2.57E-4
	CC8	0.3075	0.0975	-0.1920	4.70E-5	-2.51E-4	-2.27E-4
	CC9	0.3032	0.0769	-0.1945	3.48E-5	-2.51E-4	-2.16E-4
	CC10	-0.3066	-0.0939	-0.0367	-8.29E-5	2.80E-4	2.19E-4
	CC11	-0.3109	-0.1145	-0.0392	-9.51E-5	2.80E-4	2.30E-4
	CC12	-0.3058	-0.5930	-0.0938	-3.82E-4	2.60E-4	2.59E-4

	CC13	-0.3100	-0.6136	-0.0962	-3.94E-4	2.60E-4	2.71E-4
	CC14	0.0953	0.9582	-0.0316	5.57E-4	-2.95E-5	-1.57E-4
	CC15	0.0824	0.8957	-0.0390	5.20E-4	-2.93E-5	-1.22E-4
	CC16	-0.0887	0.7510	-0.0021	4.28E-4	1.24E-4	-1.08E-5
	CC17	-0.1016	0.6886	-0.0095	3.91E-4	1.24E-4	2.36E-5
	CC18	0.0982	-0.7055	-0.2217	-4.39E-4	-9.58E-5	-2.11E-5
	CC19	0.0852	-0.7680	-0.2291	-4.76E-4	-9.55E-5	1.33E-5
	CC20	-0.0858	-0.9127	-0.1922	-5.68E-4	5.76E-5	1.25E-4
	CC21	-0.0987	-0.9751	-0.1996	-6.05E-4	5.79E-5	1.59E-4
191	CC1	-0.0016	-0.0097	-0.1156	-2.16E-6	1.97E-5	5.31E-6
	CC2	-0.0016	-0.0097	-0.1156	-2.16E-6	1.97E-5	5.31E-6
	CC3	-0.0016	-0.0097	-0.1156	-2.16E-6	1.97E-5	5.31E-6
	CC4	-0.0012	-0.0087	-0.1131	-1.16E-6	1.82E-5	5.33E-6
	CC5	-0.0012	-0.0087	-0.1131	-1.16E-6	1.82E-5	5.33E-6
	CC6	0.2758	0.5967	-0.1723	3.66E-4	-2.13E-4	-2.64E-4
	CC7	0.2748	0.5761	-0.1705	3.53E-4	-2.13E-4	-2.53E-4
	CC8	0.2882	0.0976	-0.1275	6.26E-5	-1.90E-4	-2.23E-4
	CC9	0.2872	0.0770	-0.1256	5.05E-5	-1.90E-4	-2.12E-4
	CC10	-0.2894	-0.0938	-0.0988	-5.22E-5	2.25E-4	2.23E-4
	CC11	-0.2904	-0.1144	-0.0970	-6.42E-5	2.25E-4	2.34E-4
	CC12	-0.2770	-0.5929	-0.0540	-3.55E-4	2.48E-4	2.63E-4
	CC13	-0.2780	-0.6135	-0.0521	-3.67E-4	2.48E-4	2.75E-4
	CC14	0.0646	0.9582	-0.2009	5.85E-4	-8.65E-5	-1.53E-4
	CC15	0.0614	0.8958	-0.1952	5.48E-4	-8.60E-5	-1.18E-4
	CC16	-0.1050	0.7511	-0.1788	4.60E-4	4.49E-5	-6.68E-6
	CC17	-0.1081	0.6886	-0.1732	4.23E-4	4.55E-5	2.77E-5
	CC18	0.1059	-0.7055	-0.0513	-4.25E-4	-1.01E-5	-1.70E-5
	CC19	0.1028	-0.7679	-0.0456	-4.61E-4	-9.63E-6	1.74E-5
	CC20	-0.0636	-0.9126	-0.0292	-5.50E-4	1.21E-4	1.29E-4
	CC21	-0.0668	-0.9750	-0.0236	-5.87E-4	1.22E-4	1.63E-4
192	CC1	0.0040	-0.0097	-0.1180	-6.48E-6	9.68E-6	1.70E-5
	CC2	0.0040	-0.0097	-0.1180	-6.48E-6	9.68E-6	1.70E-5
	CC3	0.0040	-0.0097	-0.1180	-6.48E-6	9.68E-6	1.70E-5
	CC4	0.0043	-0.0087	-0.1155	-6.21E-6	8.84E-6	1.65E-5
	CC5	0.0043	-0.0087	-0.1155	-6.21E-6	8.84E-6	1.65E-5
	CC6	0.2510	0.5967	-0.1918	4.48E-5	-1.90E-4	-2.53E-4
	CC7	0.2538	0.5761	-0.1899	4.51E-5	-1.92E-4	-2.42E-4
	CC8	0.2774	0.0976	-0.1355	1.82E-5	-1.99E-4	-2.12E-4
	CC9	0.2802	0.0770	-0.1335	1.86E-5	-2.02E-4	-2.01E-4
	CC10	-0.2715	-0.0938	-0.0958	-3.08E-5	2.19E-4	2.34E-4
	CC11	-0.2687	-0.1144	-0.0939	-3.05E-5	2.16E-4	2.45E-4
	CC12	-0.2452	-0.5929	-0.0395	-5.73E-5	2.10E-4	2.74E-4
	CC13	-0.2424	-0.6135	-0.0375	-5.70E-5	2.07E-4	2.86E-4
	CC14	0.0345	0.9582	-0.2259	4.89E-5	-3.24E-5	-1.42E-4
	CC15	0.0431	0.8958	-0.2200	5.00E-5	-4.09E-5	-1.07E-4
	CC16	-0.1223	0.7511	-0.1971	2.63E-5	9.03E-5	4.34E-6
	CC17	-0.1137	0.6886	-0.1912	2.73E-5	8.18E-5	3.87E-5
	CC18	0.1223	-0.7055	-0.0381	-3.95E-5	-6.47E-5	-5.96E-6
	CC19	0.1309	-0.7679	-0.0322	-3.85E-5	-7.32E-5	2.84E-5
	CC20	-0.0344	-0.9126	-0.0093	-6.22E-5	5.80E-5	1.40E-4
	CC21	-0.0258	-0.9750	-0.0034	-6.12E-5	4.95E-5	1.74E-4
193	CC1	0.0070	-0.0210	-0.0930	-3.03E-5	-1.86E-5	1.28E-5
	CC2	0.0070	-0.0210	-0.0930	-3.03E-5	-1.86E-5	1.28E-5
	CC3	0.0070	-0.0210	-0.0930	-3.03E-5	-1.86E-5	1.28E-5
	CC4	0.0065	-0.0197	-0.0903	-2.86E-5	-1.70E-5	1.12E-5
	CC5	0.0065	-0.0197	-0.0903	-2.86E-5	-1.70E-5	1.12E-5
	CC6	0.2546	0.0682	-0.0592	6.26E-5	-3.27E-4	-2.59E-4
	CC7	0.2572	0.0693	-0.0587	6.48E-5	-3.30E-4	-2.48E-4
	CC8	0.2801	-0.3527	0.0147	-3.85E-4	-3.00E-4	-2.18E-4
	CC9	0.2827	-0.3516	0.0151	-3.82E-4	-3.04E-4	-2.07E-4
	CC10	-0.2699	0.3130	-0.1940	3.26E-4	2.71E-4	2.28E-4
	CC11	-0.2673	0.3141	-0.1936	3.28E-4	2.67E-4	2.39E-4
	CC12	-0.2444	-0.1079	-0.1202	-1.21E-4	2.97E-4	2.69E-4
	CC13	-0.2418	-0.1068	-0.1197	-1.19E-4	2.93E-4	2.80E-4
	CC14	0.0385	0.6437	-0.1931	6.74E-4	-1.44E-4	-1.47E-4
	CC15	0.0465	0.6472	-0.1916	6.81E-4	-1.55E-4	-1.13E-4
	CC16	-0.1188	0.7171	-0.2335	7.54E-4	3.47E-5	-1.38E-6
	CC17	-0.1109	0.7207	-0.2321	7.60E-4	2.37E-5	3.30E-5
	CC18	0.1237	-0.7593	0.0532	-8.16E-4	-5.67E-5	-1.17E-5
	CC19	0.1316	-0.7557	0.0546	-8.10E-4	-6.77E-5	2.27E-5
	CC20	-0.0337	-0.6858	0.0127	-7.37E-4	1.22E-4	1.34E-4
	CC21	-0.0258	-0.6823	0.0141	-7.31E-4	1.11E-4	1.69E-4

194	CC1	0.0056	-0.0225	-0.0975	-1.07E-4	-8.09E-5	5.52E-6
	CC2	0.0056	-0.0225	-0.0975	-1.07E-4	-8.09E-5	5.52E-6
	CC3	0.0056	-0.0225	-0.0975	-1.07E-4	-8.09E-5	5.52E-6
	CC4	0.0057	-0.0209	-0.0946	-1.01E-4	-7.56E-5	5.44E-6
	CC5	0.0057	-0.0209	-0.0946	-1.01E-4	-7.56E-5	5.44E-6
	CC6	0.2539	0.1623	-0.0751	-4.22E-5	-2.62E-4	-2.64E-4
	CC7	0.2565	0.1594	-0.0745	-4.38E-5	-2.63E-4	-2.53E-4
	CC8	0.2795	-0.2730	-0.0460	-3.01E-4	-1.05E-4	-2.23E-4
	CC9	0.2821	-0.2758	-0.0455	-3.02E-4	-1.07E-4	-2.12E-4
	CC10	-0.2706	0.2351	-0.1419	1.05E-4	-4.06E-5	2.23E-4
	CC11	-0.2680	0.2323	-0.1413	1.03E-4	-4.21E-5	2.34E-4
	CC12	-0.2450	-0.2001	-0.1129	-1.54E-4	1.16E-4	2.64E-4
	CC13	-0.2424	-0.2030	-0.1123	-1.55E-4	1.14E-4	2.75E-4
	CC14	0.0379	0.6985	-0.1329	3.12E-4	-3.65E-4	-1.53E-4
	CC15	0.0458	0.6899	-0.1311	3.07E-4	-3.70E-4	-1.18E-4
	CC16	-0.1194	0.7203	-0.1530	3.56E-4	-2.99E-4	-6.61E-6
	CC17	-0.1115	0.7117	-0.1512	3.51E-4	-3.03E-4	2.77E-5
	CC18	0.1230	-0.7524	-0.0362	-5.49E-4	1.56E-4	-1.69E-5
	CC19	0.1310	-0.7610	-0.0344	-5.54E-4	1.51E-4	1.74E-5
	CC20	-0.0343	-0.7306	-0.0562	-5.05E-4	2.22E-4	1.29E-4
	CC21	-0.0264	-0.7392	-0.0544	-5.10E-4	2.18E-4	1.63E-4
195	CC1	0.0073	-0.0148	-0.0896	-1.97E-5	-1.90E-5	3.33E-6
	CC2	0.0073	-0.0148	-0.0896	-1.97E-5	-1.90E-5	3.33E-6
	CC3	0.0073	-0.0148	-0.0896	-1.97E-5	-1.90E-5	3.33E-6
	CC4	0.0069	-0.0138	-0.0876	-1.86E-5	-1.79E-5	3.15E-6
	CC5	0.0069	-0.0138	-0.0876	-1.86E-5	-1.79E-5	3.15E-6
	CC6	0.2857	-0.5644	0.0047	-5.84E-4	-2.92E-4	-2.66E-4
	CC7	0.2844	-0.5364	0.0000	-5.54E-4	-2.91E-4	-2.55E-4
	CC8	0.2973	-0.8888	0.0598	-9.53E-4	-3.02E-4	-2.26E-4
	CC9	0.2960	-0.8608	0.0552	-9.23E-4	-3.01E-4	-2.14E-4
	CC10	-0.2826	0.8337	-0.2292	8.87E-4	2.66E-4	2.21E-4
	CC11	-0.2838	0.8617	-0.2338	9.17E-4	2.67E-4	2.32E-4
	CC12	-0.2710	0.5093	-0.1740	5.18E-4	2.56E-4	2.61E-4
	CC13	-0.2722	0.5373	-0.1786	5.47E-4	2.57E-4	2.73E-4
	CC14	0.0746	0.2750	-0.1368	3.31E-4	-8.50E-5	-1.55E-4
	CC15	0.0707	0.3599	-0.1508	4.21E-4	-8.21E-5	-1.21E-4
	CC16	-0.0959	0.6945	-0.2070	7.72E-4	8.24E-5	-8.92E-6
	CC17	-0.0997	0.7793	-0.2210	8.63E-4	8.52E-5	2.54E-5
	CC18	0.1132	-0.8064	0.0470	-8.99E-4	-1.20E-4	-1.92E-5
	CC19	0.1094	-0.7215	0.0330	-8.09E-4	-1.17E-4	1.51E-5
	CC20	-0.0573	-0.3869	-0.0231	-4.58E-4	4.70E-5	1.27E-4
	CC21	-0.0611	-0.3021	-0.0372	-3.67E-4	4.99E-5	1.61E-4
196	CC1	0.0094	-0.0148	-0.0952	-2.15E-5	-2.88E-5	1.20E-6
	CC2	0.0094	-0.0148	-0.0952	-2.15E-5	-2.88E-5	1.20E-6
	CC3	0.0094	-0.0148	-0.0952	-2.15E-5	-2.88E-5	1.20E-6
	CC4	0.0087	-0.0139	-0.0929	-2.03E-5	-2.69E-5	1.12E-6
	CC5	0.0087	-0.0139	-0.0929	-2.03E-5	-2.69E-5	1.12E-6
	CC6	0.3198	-0.5644	0.0149	-5.75E-4	-3.39E-4	-2.68E-4
	CC7	0.3153	-0.5365	0.0182	-5.45E-4	-3.35E-4	-2.57E-4
	CC8	0.3193	-0.8888	-0.0311	-9.36E-4	-3.45E-4	-2.28E-4
	CC9	0.3148	-0.8609	-0.0278	-9.06E-4	-3.41E-4	-2.16E-4
	CC10	-0.2978	0.8337	-0.1565	8.67E-4	2.89E-4	2.19E-4
	CC11	-0.3023	0.8616	-0.1533	8.96E-4	2.93E-4	2.30E-4
	CC12	-0.2983	0.5093	-0.2025	5.06E-4	2.82E-4	2.59E-4
	CC13	-0.3028	0.5372	-0.1993	5.35E-4	2.87E-4	2.71E-4
	CC14	0.1089	0.2750	0.0053	3.21E-4	-1.17E-4	-1.57E-4
	CC15	0.0951	0.3598	0.0151	4.10E-4	-1.03E-4	-1.23E-4
	CC16	-0.0764	0.6944	-0.0461	7.54E-4	7.17E-5	-1.09E-5
	CC17	-0.0902	0.7792	-0.0363	8.42E-4	8.51E-5	2.34E-5
	CC18	0.1072	-0.8064	-0.1481	-8.82E-4	-1.38E-4	-2.12E-5
	CC19	0.0935	-0.7216	-0.1383	-7.93E-4	-1.24E-4	1.31E-5
	CC20	-0.0781	-0.3870	-0.1995	-4.50E-4	5.08E-5	1.25E-4
	CC21	-0.0918	-0.3022	-0.1897	-3.61E-4	6.41E-5	1.59E-4
197	CC1	-0.0018	-0.0097	-0.1121	-1.02E-5	1.49E-5	-2.19E-6
	CC2	-0.0018	-0.0097	-0.1121	-1.02E-5	1.49E-5	-2.19E-6
	CC3	-0.0018	-0.0097	-0.1121	-1.02E-5	1.49E-5	-2.19E-6
	CC4	-0.0014	-0.0088	-0.1097	-9.07E-6	1.40E-5	-1.76E-6
	CC5	-0.0014	-0.0088	-0.1097	-9.07E-6	1.40E-5	-1.76E-6
	CC6	0.2776	0.6478	-0.2222	6.36E-4	-2.86E-4	-2.71E-4
	CC7	0.2764	0.6251	-0.2197	6.15E-4	-2.82E-4	-2.60E-4
	CC8	0.2892	0.1410	-0.1731	1.29E-4	-2.43E-4	-2.30E-4
	CC9	0.2880	0.1183	-0.1706	1.08E-4	-2.40E-4	-2.19E-4

	CC10	-0.2906	-0.1353	-0.0472	-1.25E-4	2.67E-4	2.16E-4
	CC11	-0.2919	-0.1580	-0.0448	-1.46E-4	2.71E-4	2.27E-4
	CC12	-0.2790	-0.6421	0.0019	-6.32E-4	3.10E-4	2.57E-4
	CC13	-0.2803	-0.6648	0.0043	-6.53E-4	3.13E-4	2.68E-4
	CC14	0.0665	0.9882	-0.2207	9.83E-4	-1.45E-4	-1.60E-4
	CC15	0.0627	0.9192	-0.2133	9.18E-4	-1.35E-4	-1.25E-4
	CC16	-0.1039	0.7533	-0.1683	7.54E-4	2.05E-5	-1.36E-5
	CC17	-0.1078	0.6843	-0.1608	6.90E-4	3.11E-5	2.07E-5
	CC18	0.1051	-0.7013	-0.0571	-7.07E-4	-3.75E-6	-2.39E-5
	CC19	0.1013	-0.7703	-0.0496	-7.72E-4	6.87E-6	1.04E-5
	CC20	-0.0653	-0.9362	-0.0046	-9.36E-4	1.62E-4	1.22E-4
	CC21	-0.0692	-1.0052	0.0029	-1.00E-3	1.73E-4	1.56E-4
198	CC1	-0.0026	-0.0100	-0.1158	-1.43E-5	1.69E-5	2.86E-6
	CC2	-0.0026	-0.0100	-0.1158	-1.43E-5	1.69E-5	2.86E-6
	CC3	-0.0026	-0.0100	-0.1158	-1.43E-5	1.69E-5	2.86E-6
	CC4	-0.0022	-0.0090	-0.1131	-1.31E-5	1.60E-5	3.17E-6
	CC5	-0.0022	-0.0090	-0.1131	-1.31E-5	1.60E-5	3.17E-6
	CC6	0.3084	0.6422	-0.1389	6.43E-4	-2.57E-4	-2.66E-4
	CC7	0.3039	0.6197	-0.1418	6.21E-4	-2.56E-4	-2.55E-4
	CC8	0.3088	0.1362	-0.2205	1.30E-4	-3.05E-4	-2.25E-4
	CC9	0.3043	0.1137	-0.2234	1.08E-4	-3.04E-4	-2.14E-4
	CC10	-0.3085	-0.1311	-0.0010	-1.34E-4	3.35E-4	2.21E-4
	CC11	-0.3130	-0.1536	-0.0039	-1.55E-4	3.37E-4	2.32E-4
	CC12	-0.3082	-0.6372	-0.0826	-6.46E-4	2.87E-4	2.61E-4
	CC13	-0.3126	-0.6597	-0.0855	-6.68E-4	2.88E-4	2.73E-4
	CC14	0.0966	0.9848	0.0075	9.91E-4	5.22E-6	-1.55E-4
	CC15	0.0830	0.9165	-0.0013	9.26E-4	9.46E-6	-1.20E-4
	CC16	-0.0885	0.7528	0.0489	7.58E-4	1.83E-4	-8.74E-6
	CC17	-0.1021	0.6845	0.0401	6.93E-4	1.87E-4	2.56E-5
	CC18	0.0979	-0.7020	-0.2645	-7.18E-4	-1.56E-4	-1.90E-5
	CC19	0.0843	-0.7703	-0.2733	-7.84E-4	-1.52E-4	1.53E-5
	CC20	-0.0872	-0.9340	-0.2231	-9.51E-4	2.19E-5	1.27E-4
	CC21	-0.1008	-1.0023	-0.2319	-1.02E-3	2.62E-5	1.61E-4
199	CC1	-0.0020	-0.0098	-0.1139	-1.73E-6	1.29E-5	4.99E-6
	CC2	-0.0020	-0.0098	-0.1139	-1.73E-6	1.29E-5	4.99E-6
	CC3	-0.0020	-0.0098	-0.1139	-1.73E-6	1.29E-5	4.99E-6
	CC4	-0.0016	-0.0089	-0.1113	-5.68E-7	1.21E-5	4.80E-6
	CC5	-0.0016	-0.0089	-0.1113	-5.68E-7	1.21E-5	4.80E-6
	CC6	0.2939	0.6430	-0.1682	5.80E-4	-2.63E-4	-2.65E-4
	CC7	0.2909	0.6205	-0.1687	5.61E-4	-2.60E-4	-2.53E-4
	CC8	0.2993	0.1369	-0.1901	1.08E-4	-2.70E-4	-2.24E-4
	CC9	0.2963	0.1144	-0.1905	8.87E-5	-2.67E-4	-2.13E-4
	CC10	-0.2993	-0.1316	-0.0305	-8.90E-5	2.91E-4	2.22E-4
	CC11	-0.3023	-0.1541	-0.0309	-1.08E-4	2.93E-4	2.33E-4
	CC12	-0.2939	-0.6378	-0.0523	-5.61E-4	2.84E-4	2.63E-4
	CC13	-0.2969	-0.6603	-0.0528	-5.80E-4	2.87E-4	2.74E-4
	CC14	0.0831	0.9853	-0.0941	9.16E-4	-6.43E-5	-1.53E-4
	CC15	0.0740	0.9170	-0.0953	8.58E-4	-5.56E-5	-1.19E-4
	CC16	-0.0949	0.7529	-0.0527	7.15E-4	1.02E-4	-7.28E-6
	CC17	-0.1040	0.6846	-0.0540	6.58E-4	1.11E-4	2.70E-5
	CC18	0.1009	-0.7018	-0.1670	-6.58E-4	-8.69E-5	-1.76E-5
	CC19	0.0919	-0.7702	-0.1683	-7.15E-4	-7.82E-5	1.67E-5
	CC20	-0.0770	-0.9342	-0.1256	-8.58E-4	7.92E-5	1.28E-4
	CC21	-0.0861	-1.0026	-0.1269	-9.16E-4	8.79E-5	1.63E-4
200	CC1	-0.0018	-0.0097	-0.1127	-1.29E-5	1.44E-5	1.41E-7
	CC2	-0.0018	-0.0097	-0.1127	-1.29E-5	1.44E-5	1.41E-7
	CC3	-0.0018	-0.0097	-0.1127	-1.29E-5	1.44E-5	1.41E-7
	CC4	-0.0014	-0.0088	-0.1103	-1.25E-5	1.36E-5	1.01E-7
	CC5	-0.0014	-0.0088	-0.1103	-1.25E-5	1.36E-5	1.01E-7
	CC6	0.2832	0.6431	-0.2011	5.02E-4	-2.60E-4	-2.69E-4
	CC7	0.2813	0.6206	-0.1997	4.86E-4	-2.58E-4	-2.58E-4
	CC8	0.2926	0.1370	-0.1764	6.66E-5	-2.51E-4	-2.29E-4
	CC9	0.2908	0.1145	-0.1750	5.01E-5	-2.49E-4	-2.17E-4
	CC10	-0.2933	-0.1315	-0.0440	-7.48E-5	2.76E-4	2.18E-4
	CC11	-0.2952	-0.1541	-0.0426	-9.14E-5	2.78E-4	2.29E-4
	CC12	-0.2839	-0.6377	-0.0192	-5.10E-4	2.85E-4	2.58E-4
	CC13	-0.2858	-0.6602	-0.0178	-5.27E-4	2.87E-4	2.70E-4
	CC14	0.0723	0.9854	-0.1765	8.25E-4	-8.52E-5	-1.58E-4
	CC15	0.0666	0.9171	-0.1722	7.75E-4	-7.92E-5	-1.24E-4
	CC16	-0.1007	0.7530	-0.1293	6.52E-4	7.57E-5	-1.19E-5
	CC17	-0.1063	0.6847	-0.1251	6.02E-4	8.16E-5	2.24E-5
	CC18	0.1037	-0.7017	-0.0939	-6.27E-4	-5.50E-5	-2.22E-5

	CC19	0.0981	-0.7701	-0.0897	-6.77E-4	-4.90E-5	1.21E-5
	CC20	-0.0692	-0.9341	-0.0468	-8.00E-4	1.06E-4	1.24E-4
	CC21	-0.0749	-1.0025	-0.0425	-8.50E-4	1.12E-4	1.58E-4
201	CC1	-0.0016	-0.0198	-0.1577	1.24E-4	-4.67E-5	2.34E-6
	CC2	-0.0016	-0.0198	-0.1577	1.24E-4	-4.67E-5	2.34E-6
	CC3	-0.0016	-0.0198	-0.1577	1.24E-4	-4.67E-5	2.34E-6
	CC4	-0.0012	-0.0178	-0.1504	1.23E-4	-4.51E-5	1.95E-6
	CC5	-0.0012	-0.0178	-0.1504	1.23E-4	-4.51E-5	1.95E-6
	CC6	0.4077	0.2920	-0.1289	9.40E-4	-3.17E-4	-2.92E-4
	CC7	0.3959	0.2861	-0.1288	9.68E-4	-3.12E-4	-2.78E-4
	CC8	0.3821	-0.1802	-0.1478	5.63E-4	-3.35E-4	-2.47E-4
	CC9	0.3702	-0.1861	-0.1477	5.91E-4	-3.30E-4	-2.33E-4
	CC10	-0.3725	0.1519	-0.1483	-3.46E-4	2.41E-4	2.36E-4
	CC11	-0.3844	0.1460	-0.1482	-3.17E-4	2.46E-4	2.50E-4
	CC12	-0.3981	-0.3204	-0.1672	-7.23E-4	2.22E-4	2.82E-4
	CC13	-0.4100	-0.3262	-0.1671	-6.95E-4	2.28E-4	2.96E-4
	CC14	0.1766	0.7998	-0.1137	9.02E-4	-1.06E-4	-1.74E-4
	CC15	0.1406	0.7820	-0.1134	9.87E-4	-8.97E-5	-1.33E-4
	CC16	-0.0574	0.7578	-0.1195	5.16E-4	6.17E-5	-1.59E-5
	CC17	-0.0934	0.7400	-0.1192	6.02E-4	7.76E-5	2.60E-5
	CC18	0.0912	-0.7742	-0.1767	-3.56E-4	-1.67E-4	-2.23E-5
	CC19	0.0552	-0.7920	-0.1765	-2.71E-4	-1.51E-4	1.95E-5
	CC20	-0.1429	-0.8163	-0.1826	-7.42E-4	5.91E-7	1.36E-4
	CC21	-0.1789	-0.8341	-0.1823	-6.56E-4	1.65E-5	1.78E-4
202	CC1	0.0033	-0.0236	-0.1561	-3.37E-5	-1.05E-5	-9.76E-6
	CC2	0.0033	-0.0236	-0.1561	-3.37E-5	-1.05E-5	-9.76E-6
	CC3	0.0033	-0.0236	-0.1561	-3.37E-5	-1.05E-5	-9.76E-6
	CC4	0.0034	-0.0212	-0.1496	-3.05E-5	-9.98E-6	-8.92E-6
	CC5	0.0034	-0.0212	-0.1496	-3.05E-5	-9.98E-6	-8.92E-6
	CC6	0.3479	0.2886	-0.1727	8.03E-5	-1.93E-4	-3.03E-4
	CC7	0.3449	0.2828	-0.1726	8.43E-5	-1.98E-4	-2.89E-4
	CC8	0.3531	-0.1836	-0.1830	2.88E-5	-2.12E-4	-2.57E-4
	CC9	0.3502	-0.1894	-0.1829	3.29E-5	-2.17E-4	-2.43E-4
	CC10	-0.3432	0.1485	-0.1121	-9.17E-5	1.97E-4	2.26E-4
	CC11	-0.3462	0.1427	-0.1119	-8.77E-5	1.92E-4	2.40E-4
	CC12	-0.3380	-0.3237	-0.1224	-1.43E-4	1.79E-4	2.72E-4
	CC13	-0.3410	-0.3295	-0.1222	-1.39E-4	1.73E-4	2.85E-4
	CC14	0.1029	0.7965	-0.1396	7.60E-5	-2.91E-5	-1.85E-4
	CC15	0.0939	0.7787	-0.1392	8.82E-5	-4.50E-5	-1.43E-4
	CC16	-0.1044	0.7545	-0.1214	2.44E-5	8.81E-5	-2.63E-5
	CC17	-0.1134	0.7367	-0.1210	3.66E-5	7.21E-5	1.55E-5
	CC18	0.1204	-0.7775	-0.1739	-9.55E-5	-9.17E-5	-3.28E-5
	CC19	0.1113	-0.7953	-0.1736	-8.32E-5	-1.08E-4	9.07E-6
	CC20	-0.0870	-0.8196	-0.1557	-1.47E-4	2.54E-5	1.26E-4
	CC21	-0.0960	-0.8374	-0.1554	-1.35E-4	9.48E-6	1.68E-4
203	CC1	0.0015	-0.0295	-0.1350	-7.43E-5	-5.37E-5	-6.48E-6
	CC2	0.0015	-0.0295	-0.1350	-7.43E-5	-5.37E-5	-6.48E-6
	CC3	0.0015	-0.0295	-0.1350	-7.43E-5	-5.37E-5	-6.48E-6
	CC4	0.0019	-0.0267	-0.1303	-6.87E-5	-5.04E-5	-5.19E-6
	CC5	0.0019	-0.0267	-0.1303	-6.87E-5	-5.04E-5	-5.19E-6
	CC6	0.3266	0.2833	-0.1461	-1.22E-5	-1.04E-4	-2.99E-4
	CC7	0.3276	0.2775	-0.1463	-1.21E-5	-1.08E-4	-2.85E-4
	CC8	0.3446	-0.1889	-0.1509	-6.82E-5	-1.11E-4	-2.53E-4
	CC9	0.3456	-0.1947	-0.1511	-6.81E-5	-1.15E-4	-2.39E-4
	CC10	-0.3415	0.1432	-0.1064	-6.56E-5	1.61E-5	2.30E-4
	CC11	-0.3405	0.1374	-0.1066	-6.55E-5	1.25E-5	2.44E-4
	CC12	-0.3235	-0.3290	-0.1113	-1.22E-4	9.39E-6	2.75E-4
	CC13	-0.3225	-0.3349	-0.1115	-1.21E-4	5.77E-6	2.89E-4
	CC14	0.0708	0.7912	-0.1263	3.43E-5	-5.07E-5	-1.81E-4
	CC15	0.0738	0.7734	-0.1269	3.46E-5	-6.16E-5	-1.39E-4
	CC16	-0.1297	0.7491	-0.1144	1.82E-5	-1.45E-5	-2.25E-5
	CC17	-0.1266	0.7313	-0.1150	1.86E-5	-2.55E-5	1.94E-5
	CC18	0.1307	-0.7829	-0.1425	-1.52E-4	-7.31E-5	-2.89E-5
	CC19	0.1338	-0.8007	-0.1431	-1.52E-4	-8.41E-5	1.29E-5
	CC20	-0.0697	-0.8249	-0.1306	-1.68E-4	-3.69E-5	1.30E-4
	CC21	-0.0666	-0.8427	-0.1312	-1.68E-4	-4.79E-5	1.72E-4
204	CC1	0.0103	-0.0375	-0.1054	-8.52E-5	-3.12E-5	3.29E-6
	CC2	0.0103	-0.0375	-0.1054	-8.52E-5	-3.12E-5	3.29E-6
	CC3	0.0103	-0.0375	-0.1054	-8.52E-5	-3.12E-5	3.29E-6
	CC4	0.0106	-0.0341	-0.1025	-8.02E-5	-3.07E-5	3.42E-6
	CC5	0.0106	-0.0341	-0.1025	-8.02E-5	-3.07E-5	3.42E-6
	CC6	0.3187	0.2648	-0.1508	2.97E-5	-9.97E-5	-2.91E-4

	CC7	0.3245	0.2595	-0.1508	3.06E-5	-1.06E-4	-2.77E-4
	CC8	0.3523	-0.2057	-0.1259	-4.64E-5	-1.13E-4	-2.45E-4
	CC9	0.3580	-0.2110	-0.1259	-4.54E-5	-1.19E-4	-2.31E-4
	CC10	-0.3366	0.1450	-0.0772	-1.12E-4	5.81E-5	2.38E-4
	CC11	-0.3309	0.1398	-0.0772	-1.11E-4	5.22E-5	2.52E-4
	CC12	-0.3031	-0.3254	-0.0523	-1.88E-4	4.45E-5	2.84E-4
	CC13	-0.2974	-0.3307	-0.0524	-1.87E-4	3.86E-5	2.97E-4
	CC14	0.0444	0.7771	-0.1540	6.80E-5	-2.25E-5	-1.73E-4
	CC15	0.0617	0.7610	-0.1541	7.07E-5	-4.05E-5	-1.31E-4
	CC16	-0.1522	0.7412	-0.1320	2.56E-5	2.48E-5	-1.42E-5
	CC17	-0.1349	0.7251	-0.1320	2.83E-5	6.84E-6	2.76E-5
	CC18	0.1562	-0.7910	-0.0711	-1.85E-4	-6.79E-5	-2.07E-5
	CC19	0.1736	-0.8071	-0.0712	-1.83E-4	-8.59E-5	2.12E-5
	CC20	-0.0404	-0.8270	-0.0490	-2.28E-4	-2.06E-5	1.38E-4
	CC21	-0.0230	-0.8430	-0.0491	-2.25E-4	-3.85E-5	1.80E-4
205	CC1	-0.0031	-0.0159	-0.1648	1.28E-4	-1.42E-5	-1.31E-5
	CC2	-0.0031	-0.0159	-0.1648	1.28E-4	-1.42E-5	-1.31E-5
	CC3	-0.0031	-0.0159	-0.1648	1.28E-4	-1.42E-5	-1.31E-5
	CC4	-0.0026	-0.0141	-0.1575	1.26E-4	-1.42E-5	-1.24E-5
	CC5	-0.0026	-0.0141	-0.1575	1.26E-4	-1.42E-5	-1.24E-5
	CC6	0.4064	0.3994	-0.1208	7.38E-4	-2.25E-4	-3.06E-4
	CC7	0.3945	0.3884	-0.1212	7.51E-4	-2.21E-4	-2.92E-4
	CC8	0.3808	-0.0885	-0.1519	3.12E-4	-2.44E-4	-2.61E-4
	CC9	0.3689	-0.0995	-0.1523	3.25E-4	-2.41E-4	-2.47E-4
	CC10	-0.3738	0.0725	-0.1578	-7.51E-5	2.12E-4	2.22E-4
	CC11	-0.3857	0.0615	-0.1581	-6.20E-5	2.16E-4	2.36E-4
	CC12	-0.3994	-0.4154	-0.1889	-5.02E-4	1.93E-4	2.68E-4
	CC13	-0.4113	-0.4264	-0.1892	-4.88E-4	1.97E-4	2.82E-4
	CC14	0.1753	0.8654	-0.0971	9.38E-4	-5.35E-5	-1.88E-4
	CC15	0.1393	0.8320	-0.0982	9.78E-4	-4.20E-5	-1.47E-4
	CC16	-0.0588	0.7673	-0.1082	6.94E-4	7.78E-5	-2.99E-5
	CC17	-0.0948	0.7339	-0.1093	7.34E-4	8.92E-5	1.20E-5
	CC18	0.0899	-0.7609	-0.2007	-4.84E-4	-1.18E-4	-3.63E-5
	CC19	0.0539	-0.7943	-0.2019	-4.44E-4	-1.06E-4	5.53E-6
	CC20	-0.1442	-0.8590	-0.2118	-7.28E-4	1.37E-5	1.22E-4
	CC21	-0.1802	-0.8924	-0.2130	-6.88E-4	2.51E-5	1.64E-4
206	CC1	0.0009	-0.0200	-0.1590	-6.77E-5	-1.44E-5	-1.27E-5
	CC2	0.0009	-0.0200	-0.1590	-6.77E-5	-1.44E-5	-1.27E-5
	CC3	0.0009	-0.0200	-0.1590	-6.77E-5	-1.44E-5	-1.27E-5
	CC4	0.0012	-0.0178	-0.1525	-6.36E-5	-1.43E-5	-1.19E-5
	CC5	0.0012	-0.0178	-0.1525	-6.36E-5	-1.43E-5	-1.19E-5
	CC6	0.3457	0.3972	-0.1575	-2.95E-5	-6.24E-5	-3.06E-4
	CC7	0.3428	0.3861	-0.1579	-3.01E-5	-6.64E-5	-2.92E-4
	CC8	0.3510	-0.0909	-0.1732	-6.34E-5	-7.43E-5	-2.60E-4
	CC9	0.3480	-0.1020	-0.1737	-6.40E-5	-7.83E-5	-2.46E-4
	CC10	-0.3454	0.0678	-0.1269	-6.05E-5	4.98E-5	2.23E-4
	CC11	-0.3484	0.0567	-0.1274	-6.11E-5	4.59E-5	2.37E-4
	CC12	-0.3402	-0.4203	-0.1427	-9.44E-5	3.79E-5	2.69E-4
	CC13	-0.3432	-0.4314	-0.1431	-9.50E-5	3.39E-5	2.82E-4
	CC14	0.1008	0.8626	-0.1279	-7.83E-8	-5.10E-6	-1.88E-4
	CC15	0.0917	0.8290	-0.1292	-2.03E-6	-1.72E-5	-1.46E-4
	CC16	-0.1066	0.7638	-0.1188	-9.38E-6	2.86E-5	-2.94E-5
	CC17	-0.1156	0.7301	-0.1201	-1.13E-5	1.65E-5	1.25E-5
	CC18	0.1182	-0.7644	-0.1805	-1.13E-4	-4.50E-5	-3.58E-5
	CC19	0.1092	-0.7980	-0.1818	-1.15E-4	-5.71E-5	6.03E-6
	CC20	-0.0892	-0.8632	-0.1714	-1.22E-4	-1.13E-5	1.23E-4
	CC21	-0.0982	-0.8968	-0.1727	-1.24E-4	-2.34E-5	1.65E-4
207	CC1	0.0003	-0.0241	-0.1459	-3.52E-5	1.80E-5	5.50E-7
	CC2	0.0003	-0.0241	-0.1459	-3.52E-5	1.80E-5	5.50E-7
	CC3	0.0003	-0.0241	-0.1459	-3.52E-5	1.80E-5	5.50E-7
	CC4	0.0008	-0.0216	-0.1407	-3.08E-5	1.59E-5	6.90E-7
	CC5	0.0008	-0.0216	-0.1407	-3.08E-5	1.59E-5	6.90E-7
	CC6	0.3255	0.3922	-0.1548	-3.64E-5	-5.53E-6	-2.93E-4
	CC7	0.3265	0.3811	-0.1546	-3.74E-5	-7.22E-6	-2.79E-4
	CC8	0.3435	-0.0957	-0.1488	-9.61E-5	-1.37E-5	-2.48E-4
	CC9	0.3445	-0.1067	-0.1487	-9.71E-5	-1.54E-5	-2.34E-4
	CC10	-0.3425	0.0653	-0.1292	3.85E-5	4.58E-5	2.35E-4
	CC11	-0.3416	0.0543	-0.1290	3.75E-5	4.41E-5	2.49E-4
	CC12	-0.3246	-0.4226	-0.1232	-2.12E-5	3.76E-5	2.81E-4
	CC13	-0.3236	-0.4336	-0.1231	-2.22E-5	3.59E-5	2.95E-4
	CC14	0.0697	0.8582	-0.1529	6.05E-5	2.37E-5	-1.76E-4
	CC15	0.0727	0.8247	-0.1524	5.75E-5	1.85E-5	-1.34E-4

	CC16	-0.1307	0.7601	-0.1452	8.30E-5	3.91E-5	-1.70E-5
	CC17	-0.1277	0.7267	-0.1448	8.00E-5	3.39E-5	2.49E-5
	CC18	0.1297	-0.7681	-0.1331	-1.39E-4	-3.56E-6	-2.34E-5
	CC19	0.1327	-0.8015	-0.1326	-1.42E-4	-8.69E-6	1.84E-5
	CC20	-0.0708	-0.8662	-0.1254	-1.16E-4	1.18E-5	1.35E-4
	CC21	-0.0677	-0.8996	-0.1249	-1.19E-4	6.70E-6	1.77E-4
208	CC1	0.0096	-0.0308	-0.1236	-8.14E-5	-2.83E-5	-1.59E-5
	CC2	0.0096	-0.0308	-0.1236	-8.14E-5	-2.83E-5	-1.59E-5
	CC3	0.0096	-0.0308	-0.1236	-8.14E-5	-2.83E-5	-1.59E-5
	CC4	0.0099	-0.0277	-0.1204	-7.57E-5	-2.77E-5	-1.54E-5
	CC5	0.0099	-0.0277	-0.1204	-7.57E-5	-2.77E-5	-1.54E-5
	CC6	0.3181	0.3863	-0.1174	-1.66E-5	4.29E-5	-3.09E-4
	CC7	0.3238	0.3752	-0.1166	-1.67E-5	4.53E-5	-2.95E-4
	CC8	0.3517	-0.1016	-0.0860	-7.97E-5	5.51E-5	-2.64E-4
	CC9	0.3574	-0.1126	-0.0852	-7.98E-5	5.76E-5	-2.50E-4
	CC10	-0.3373	0.0594	-0.1534	-6.79E-5	-1.13E-4	2.19E-4
	CC11	-0.3316	0.0484	-0.1526	-6.80E-5	-1.10E-4	2.33E-4
	CC12	-0.3037	-0.4285	-0.1220	-1.31E-4	-1.00E-4	2.65E-4
	CC13	-0.2980	-0.4395	-0.1212	-1.31E-4	-9.78E-5	2.79E-4
	CC14	0.0437	0.8522	-0.1674	3.91E-5	-2.84E-5	-1.91E-4
	CC15	0.0611	0.8188	-0.1649	3.89E-5	-2.09E-5	-1.50E-4
	CC16	-0.1529	0.7542	-0.1782	2.37E-5	-7.50E-5	-3.29E-5
	CC17	-0.1355	0.7208	-0.1757	2.36E-5	-6.75E-5	8.97E-6
	CC18	0.1556	-0.7740	-0.0629	-1.71E-4	1.25E-5	-3.93E-5
	CC19	0.1730	-0.8074	-0.0604	-1.71E-4	2.00E-5	2.54E-6
	CC20	-0.0410	-0.8721	-0.0737	-1.87E-4	-3.41E-5	1.19E-4
	CC21	-0.0236	-0.9055	-0.0712	-1.87E-4	-2.66E-5	1.61E-4
209	CC1	-0.0043	-0.0078	-0.1725	1.89E-4	3.20E-6	-4.74E-7
	CC2	-0.0043	-0.0078	-0.1725	1.89E-4	3.20E-6	-4.74E-7
	CC3	-0.0043	-0.0078	-0.1725	1.89E-4	3.20E-6	-4.74E-7
	CC4	-0.0037	-0.0065	-0.1649	1.84E-4	1.93E-6	-4.35E-7
	CC5	-0.0037	-0.0065	-0.1649	1.84E-4	1.93E-6	-4.35E-7
	CC6	0.4053	0.5077	-0.1672	6.15E-4	-2.00E-4	-2.94E-4
	CC7	0.3934	0.4918	-0.1678	6.10E-4	-1.96E-4	-2.81E-4
	CC8	0.3797	0.0048	-0.1992	2.55E-4	-2.22E-4	-2.49E-4
	CC9	0.3678	-0.0112	-0.1998	2.50E-4	-2.18E-4	-2.35E-4
	CC10	-0.3749	-0.0010	-0.1249	1.15E-4	2.21E-4	2.34E-4
	CC11	-0.3868	-0.0170	-0.1255	1.10E-4	2.25E-4	2.48E-4
	CC12	-0.4005	-0.5039	-0.1569	-2.45E-4	1.99E-4	2.80E-4
	CC13	-0.4124	-0.5199	-0.1575	-2.50E-4	2.03E-4	2.94E-4
	CC14	0.1742	0.9326	-0.1145	8.64E-4	-3.01E-5	-1.77E-4
	CC15	0.1382	0.8842	-0.1164	8.51E-4	-1.98E-5	-1.35E-4
	CC16	-0.0599	0.7800	-0.1018	7.14E-4	9.62E-5	-1.81E-5
	CC17	-0.0959	0.7316	-0.1037	7.01E-4	1.06E-4	2.37E-5
	CC18	0.0888	-0.7438	-0.2210	-3.36E-4	-1.03E-4	-2.46E-5
	CC19	0.0528	-0.7922	-0.2229	-3.49E-4	-9.31E-5	1.73E-5
	CC20	-0.1453	-0.8964	-0.2083	-4.86E-4	2.28E-5	1.34E-4
	CC21	-0.1813	-0.9448	-0.2102	-4.99E-4	3.31E-5	1.76E-4
210	CC1	-0.0016	-0.0094	-0.1740	-1.41E-4	3.55E-6	2.15E-6
	CC2	-0.0016	-0.0094	-0.1740	-1.41E-4	3.55E-6	2.15E-6
	CC3	-0.0016	-0.0094	-0.1740	-1.41E-4	3.55E-6	2.15E-6
	CC4	-0.0011	-0.0079	-0.1667	-1.33E-4	2.94E-6	2.30E-6
	CC5	-0.0011	-0.0079	-0.1667	-1.33E-4	2.94E-6	2.30E-6
	CC6	0.3435	0.5077	-0.1734	-1.13E-4	-3.98E-5	-2.92E-4
	CC7	0.3405	0.4917	-0.1741	-1.13E-4	-4.27E-5	-2.78E-4
	CC8	0.3487	0.0046	-0.1897	-1.23E-4	-6.86E-5	-2.46E-4
	CC9	0.3458	-0.0114	-0.1904	-1.23E-4	-7.16E-5	-2.32E-4
	CC10	-0.3476	-0.0034	-0.1382	-1.38E-4	7.71E-5	2.37E-4
	CC11	-0.3506	-0.0194	-0.1389	-1.38E-4	7.41E-5	2.51E-4
	CC12	-0.3424	-0.5065	-0.1545	-1.47E-4	4.82E-5	2.83E-4
	CC13	-0.3454	-0.5225	-0.1552	-1.47E-4	4.52E-5	2.96E-4
	CC14	0.0985	0.9321	-0.1414	-1.11E-4	3.79E-5	-1.74E-4
	CC15	0.0895	0.8835	-0.1434	-1.11E-4	2.88E-5	-1.32E-4
	CC16	-0.1088	0.7788	-0.1308	-1.18E-4	7.29E-5	-1.54E-5
	CC17	-0.1178	0.7302	-0.1328	-1.18E-4	6.38E-5	2.65E-5
	CC18	0.1160	-0.7450	-0.1958	-1.42E-4	-5.84E-5	-2.18E-5
	CC19	0.1070	-0.7936	-0.1978	-1.43E-4	-6.74E-5	2.01E-5
	CC20	-0.0914	-0.8983	-0.1852	-1.50E-4	-2.33E-5	1.37E-4
	CC21	-0.1004	-0.9469	-0.1872	-1.50E-4	-3.24E-5	1.79E-4
211	CC1	-0.0008	-0.0198	-0.1362	-5.72E-5	6.21E-6	1.30E-6
	CC2	-0.0008	-0.0198	-0.1362	-5.72E-5	6.21E-6	1.30E-6
	CC3	-0.0008	-0.0198	-0.1362	-5.72E-5	6.21E-6	1.30E-6

	CC4	-0.0002	-0.0175	-0.1318	-5.17E-5	4.98E-6	1.63E-6
	CC5	-0.0002	-0.0175	-0.1318	-5.17E-5	4.98E-6	1.63E-6
	CC6	0.3245	0.4852	-0.1409	2.57E-5	-1.10E-4	-2.92E-4
	CC7	0.3255	0.4698	-0.1411	2.49E-5	-1.17E-4	-2.78E-4
	CC8	0.3425	-0.0160	-0.1449	-2.95E-5	-1.25E-4	-2.47E-4
	CC9	0.3435	-0.0314	-0.1452	-3.03E-5	-1.31E-4	-2.33E-4
	CC10	-0.3435	-0.0022	-0.1154	-6.96E-5	1.40E-4	2.36E-4
	CC11	-0.3425	-0.0175	-0.1157	-7.04E-5	1.34E-4	2.50E-4
	CC12	-0.3255	-0.5033	-0.1195	-1.25E-4	1.26E-4	2.82E-4
	CC13	-0.3245	-0.5187	-0.1197	-1.26E-4	1.19E-4	2.96E-4
	CC14	0.0687	0.9149	-0.1270	5.76E-5	1.14E-6	-1.75E-4
	CC15	0.0717	0.8683	-0.1277	5.51E-5	-1.94E-5	-1.33E-4
	CC16	-0.1317	0.7687	-0.1193	2.90E-5	7.63E-5	-1.60E-5
	CC17	-0.1287	0.7221	-0.1201	2.65E-5	5.58E-5	2.59E-5
	CC18	0.1287	-0.7556	-0.1405	-1.26E-4	-4.67E-5	-2.24E-5
	CC19	0.1317	-0.8022	-0.1413	-1.29E-4	-6.72E-5	1.94E-5
	CC20	-0.0718	-0.9018	-0.1329	-1.55E-4	2.85E-5	1.36E-4
	CC21	-0.0687	-0.9484	-0.1337	-1.57E-4	8.00E-6	1.78E-4
212	CC1	0.0088	-0.0241	-0.1254	-6.15E-5	7.89E-6	-1.39E-5
	CC2	0.0088	-0.0241	-0.1254	-6.15E-5	7.89E-6	-1.39E-5
	CC3	0.0088	-0.0241	-0.1254	-6.15E-5	7.89E-6	-1.39E-5
	CC4	0.0092	-0.0214	-0.1222	-5.59E-5	5.89E-6	-1.21E-5
	CC5	0.0092	-0.0214	-0.1222	-5.59E-5	5.89E-6	-1.21E-5
	CC6	0.3173	0.4935	-0.1880	6.03E-5	-1.26E-4	-3.06E-4
	CC7	0.3231	0.4775	-0.1877	5.88E-5	-1.28E-4	-2.92E-4
	CC8	0.3509	-0.0095	-0.1624	-2.73E-6	-1.04E-4	-2.60E-4
	CC9	0.3566	-0.0254	-0.1621	-4.17E-6	-1.06E-4	-2.46E-4
	CC10	-0.3380	-0.0155	-0.0803	-1.04E-4	1.16E-4	2.23E-4
	CC11	-0.3323	-0.0314	-0.0800	-1.05E-4	1.14E-4	2.37E-4
	CC12	-0.3045	-0.5184	-0.0547	-1.67E-4	1.39E-4	2.69E-4
	CC13	-0.2988	-0.5344	-0.0544	-1.68E-4	1.37E-4	2.82E-4
	CC14	0.0430	0.9183	-0.1805	7.78E-5	-6.57E-5	-1.88E-4
	CC15	0.0603	0.8699	-0.1795	7.34E-5	-7.17E-5	-1.46E-4
	CC16	-0.1536	0.7656	-0.1482	2.85E-5	6.99E-6	-2.92E-5
	CC17	-0.1363	0.7172	-0.1472	2.41E-5	9.59E-7	1.26E-5
	CC18	0.1548	-0.7581	-0.0952	-1.32E-4	9.49E-6	-3.57E-5
	CC19	0.1722	-0.8066	-0.0942	-1.37E-4	3.45E-6	6.17E-6
	CC20	-0.0418	-0.9108	-0.0629	-1.82E-4	8.22E-5	1.23E-4
	CC21	-0.0244	-0.9593	-0.0619	-1.86E-4	7.61E-5	1.65E-4
213	CC1	-0.0018	-0.0141	-0.1269	4.00E-5	6.60E-5	6.81E-6
	CC2	-0.0018	-0.0141	-0.1269	4.00E-5	6.60E-5	6.81E-6
	CC3	-0.0018	-0.0141	-0.1269	4.00E-5	6.60E-5	6.81E-6
	CC4	-0.0011	-0.0125	-0.1235	3.84E-5	6.08E-5	7.70E-6
	CC5	-0.0011	-0.0125	-0.1235	3.84E-5	6.08E-5	7.70E-6
	CC6	0.3236	0.5799	-0.1597	1.09E-4	-6.31E-5	-2.86E-4
	CC7	0.3246	0.5602	-0.1584	1.08E-4	-5.77E-5	-2.72E-4
	CC8	0.3416	0.0656	-0.1280	6.19E-5	1.74E-5	-2.40E-4
	CC9	0.3426	0.0459	-0.1267	6.05E-5	2.28E-5	-2.27E-4
	CC10	-0.3444	-0.0698	-0.1181	1.52E-5	9.54E-5	2.43E-4
	CC11	-0.3434	-0.0895	-0.1168	1.38E-5	1.01E-4	2.56E-4
	CC12	-0.3265	-0.5842	-0.0864	-3.23E-5	1.76E-4	2.88E-4
	CC13	-0.3255	-0.6039	-0.0851	-3.37E-5	1.81E-4	3.02E-4
	CC14	0.0678	0.9726	-0.1835	1.33E-4	-1.07E-4	-1.68E-4
	CC15	0.0708	0.9129	-0.1795	1.29E-4	-9.06E-5	-1.26E-4
	CC16	-0.1326	0.7777	-0.1710	1.05E-4	-5.95E-5	-9.71E-6
	CC17	-0.1296	0.7179	-0.1671	1.01E-4	-4.30E-5	3.21E-5
	CC18	0.1278	-0.7419	-0.0778	-2.50E-5	1.61E-4	-1.61E-5
	CC19	0.1308	-0.8017	-0.0738	-2.93E-5	1.78E-4	2.57E-5
	CC20	-0.0727	-0.9368	-0.0653	-5.33E-5	2.09E-4	1.42E-4
	CC21	-0.0696	-0.9966	-0.0613	-5.76E-5	2.25E-4	1.84E-4
214	CC1	0.0083	-0.0141	-0.1274	-5.57E-5	1.96E-5	-4.67E-6
	CC2	0.0083	-0.0141	-0.1274	-5.57E-5	1.96E-5	-4.67E-6
	CC3	0.0083	-0.0141	-0.1274	-5.57E-5	1.96E-5	-4.67E-6
	CC4	0.0087	-0.0124	-0.1244	-5.08E-5	1.84E-5	-3.06E-6
	CC5	0.0087	-0.0124	-0.1244	-5.08E-5	1.84E-5	-3.06E-6
	CC6	0.3169	0.5801	-0.1943	3.17E-5	6.87E-5	-2.97E-4
	CC7	0.3226	0.5604	-0.1928	3.10E-5	7.29E-5	-2.83E-4
	CC8	0.3505	0.0657	-0.1478	-1.26E-5	1.39E-4	-2.51E-4
	CC9	0.3562	0.0460	-0.1463	-1.34E-5	1.44E-4	-2.37E-4
	CC10	-0.3385	-0.0697	-0.1006	-8.49E-5	-1.08E-4	2.32E-4
	CC11	-0.3327	-0.0894	-0.0991	-8.56E-5	-1.04E-4	2.46E-4
	CC12	-0.3049	-0.5841	-0.0541	-1.29E-4	-3.69E-5	2.78E-4

	CC13	-0.2992	-0.6038	-0.0526	-1.30E-4	-3.28E-5	2.91E-4
	CC14	0.0426	0.9728	-0.2172	4.34E-5	-7.97E-5	-1.79E-4
	CC15	0.0599	0.9130	-0.2127	4.12E-5	-6.72E-5	-1.37E-4
	CC16	-0.1541	0.7778	-0.1891	8.44E-6	-1.33E-4	-2.02E-5
	CC17	-0.1367	0.7181	-0.1846	6.20E-6	-1.20E-4	2.16E-5
	CC18	0.1544	-0.7417	-0.0623	-1.04E-4	1.56E-4	-2.67E-5
	CC19	0.1718	-0.8015	-0.0579	-1.07E-4	1.69E-4	1.52E-5
	CC20	-0.0422	-0.9367	-0.0342	-1.39E-4	1.03E-4	1.32E-4
	CC21	-0.0248	-0.9965	-0.0297	-1.42E-4	1.16E-4	1.74E-4
215	CC1	-0.0066	-0.0084	-0.1374	4.86E-5	6.81E-5	9.47E-6
	CC2	-0.0066	-0.0084	-0.1374	4.86E-5	6.81E-5	9.47E-6
	CC3	-0.0066	-0.0084	-0.1374	4.86E-5	6.81E-5	9.47E-6
	CC4	-0.0059	-0.0074	-0.1332	4.91E-5	6.23E-5	8.87E-6
	CC5	-0.0059	-0.0074	-0.1332	4.91E-5	6.23E-5	8.87E-6
	CC6	0.4032	0.6317	-0.1486	-1.67E-4	-2.00E-4	-2.85E-4
	CC7	0.3913	0.6098	-0.1506	-1.87E-4	-1.95E-4	-2.72E-4
	CC8	0.3776	0.1105	-0.2107	-4.81E-4	-2.20E-4	-2.40E-4
	CC9	0.3657	0.0886	-0.2127	-5.01E-4	-2.16E-4	-2.26E-4
	CC10	-0.3770	-0.1027	-0.0510	6.00E-4	3.36E-4	2.43E-4
	CC11	-0.3889	-0.1247	-0.0530	5.80E-4	3.41E-4	2.57E-4
	CC12	-0.4026	-0.6239	-0.1131	2.86E-4	3.16E-4	2.89E-4
	CC13	-0.4145	-0.6458	-0.1150	2.65E-4	3.20E-4	3.03E-4
	CC14	0.1721	1.0050	-0.0400	4.89E-4	7.48E-6	-1.68E-4
	CC15	0.1361	0.9384	-0.0460	4.27E-4	2.17E-5	-1.26E-4
	CC16	-0.0620	0.7847	-0.0107	7.19E-4	1.68E-4	-9.03E-6
	CC17	-0.0980	0.7181	-0.0167	6.57E-4	1.82E-4	3.28E-5
	CC18	0.0867	-0.7322	-0.2470	-5.59E-4	-6.18E-5	-1.55E-5
	CC19	0.0507	-0.7988	-0.2529	-6.21E-4	-4.76E-5	2.64E-5
	CC20	-0.1474	-0.9526	-0.2177	-3.29E-4	9.89E-5	1.43E-4
	CC21	-0.1834	-1.0191	-0.2237	-3.91E-4	1.13E-4	1.85E-4
216	CC1	-0.0046	-0.0137	-0.1216	-3.63E-5	3.94E-5	1.40E-5
	CC2	-0.0046	-0.0137	-0.1216	-3.63E-5	3.94E-5	1.40E-5
	CC3	-0.0046	-0.0137	-0.1216	-3.63E-5	3.94E-5	1.40E-5
	CC4	-0.0039	-0.0123	-0.1186	-3.43E-5	3.52E-5	1.31E-5
	CC5	-0.0039	-0.0123	-0.1186	-3.43E-5	3.52E-5	1.31E-5
	CC6	0.3405	0.6269	-0.1356	1.12E-4	-8.04E-5	-2.81E-4
	CC7	0.3376	0.6049	-0.1377	1.07E-4	-8.80E-5	-2.67E-4
	CC8	0.3459	0.1057	-0.1859	1.44E-6	-1.05E-4	-2.36E-4
	CC9	0.3430	0.0838	-0.1880	-3.45E-6	-1.12E-4	-2.22E-4
	CC10	-0.3503	-0.1075	-0.0472	-6.38E-5	1.80E-4	2.47E-4
	CC11	-0.3532	-0.1295	-0.0494	-6.87E-5	1.72E-4	2.61E-4
	CC12	-0.3449	-0.6287	-0.0975	-1.74E-4	1.56E-4	2.93E-4
	CC13	-0.3478	-0.6506	-0.0997	-1.79E-4	1.48E-4	3.07E-4
	CC14	0.0954	1.0002	-0.0438	1.85E-4	4.67E-5	-1.64E-4
	CC15	0.0866	0.9336	-0.0503	1.70E-4	2.37E-5	-1.22E-4
	CC16	-0.1118	0.7798	-0.0173	1.32E-4	1.25E-4	-4.95E-6
	CC17	-0.1207	0.7133	-0.0238	1.17E-4	1.02E-4	3.69E-5
	CC18	0.1134	-0.7370	-0.2115	-1.84E-4	-3.41E-5	-1.14E-5
	CC19	0.1045	-0.8036	-0.2180	-1.99E-4	-5.71E-5	3.05E-5
	CC20	-0.0939	-0.9574	-0.1850	-2.37E-4	4.40E-5	1.47E-4
	CC21	-0.1027	-1.0239	-0.1915	-2.52E-4	2.10E-5	1.89E-4
217	CC1	-0.0023	-0.0149	-0.1171	-1.01E-5	1.28E-5	1.42E-5
	CC2	-0.0023	-0.0149	-0.1171	-1.01E-5	1.28E-5	1.42E-5
	CC3	-0.0023	-0.0149	-0.1171	-1.01E-5	1.28E-5	1.42E-5
	CC4	-0.0016	-0.0134	-0.1145	-8.95E-6	1.10E-5	1.36E-5
	CC5	-0.0016	-0.0134	-0.1145	-8.95E-6	1.10E-5	1.36E-5
	CC6	0.3231	0.6258	-0.1660	2.29E-4	-1.08E-4	-2.81E-4
	CC7	0.3241	0.6039	-0.1646	2.20E-4	-1.16E-4	-2.67E-4
	CC8	0.3411	0.1046	-0.1293	5.12E-5	-1.33E-4	-2.35E-4
	CC9	0.3421	0.0827	-0.1279	4.30E-5	-1.41E-4	-2.21E-4
	CC10	-0.3449	-0.1086	-0.0994	-6.01E-5	1.61E-4	2.48E-4
	CC11	-0.3439	-0.1305	-0.0980	-6.83E-5	1.54E-4	2.62E-4
	CC12	-0.3269	-0.6298	-0.0627	-2.38E-4	1.36E-4	2.94E-4
	CC13	-0.3259	-0.6517	-0.0613	-2.46E-4	1.29E-4	3.07E-4
	CC14	0.0673	0.9991	-0.1871	3.43E-4	2.29E-5	-1.63E-4
	CC15	0.0703	0.9325	-0.1826	3.18E-4	5.25E-7	-1.21E-4
	CC16	-0.1331	0.7788	-0.1671	2.56E-4	1.04E-4	-4.30E-6
	CC17	-0.1301	0.7122	-0.1626	2.31E-4	8.14E-5	3.75E-5
	CC18	0.1273	-0.7381	-0.0647	-2.48E-4	-6.07E-5	-1.07E-5
	CC19	0.1303	-0.8047	-0.0602	-2.73E-4	-8.31E-5	3.11E-5
	CC20	-0.0731	-0.9584	-0.0447	-3.35E-4	2.02E-5	1.48E-4
	CC21	-0.0701	-1.0250	-0.0402	-3.60E-4	-2.22E-6	1.90E-4

218	CC1	0.0082	-0.0141	-0.1208	-1.90E-5	3.44E-5	1.60E-5
	CC2	0.0082	-0.0141	-0.1208	-1.90E-5	3.44E-5	1.60E-5
	CC3	0.0082	-0.0141	-0.1208	-1.90E-5	3.44E-5	1.60E-5
	CC4	0.0086	-0.0126	-0.1182	-1.73E-5	3.19E-5	1.63E-5
	CC5	0.0086	-0.0126	-0.1182	-1.73E-5	3.19E-5	1.63E-5
	CC6	0.3168	0.6267	-0.1934	1.45E-5	-3.66E-5	-2.78E-4
	CC7	0.3225	0.6047	-0.1915	1.47E-5	-3.82E-5	-2.64E-4
	CC8	0.3503	0.1055	-0.1382	-2.11E-6	-5.73E-6	-2.32E-4
	CC9	0.3560	0.0836	-0.1364	-1.91E-6	-7.34E-6	-2.18E-4
	CC10	-0.3386	-0.1078	-0.0983	-3.17E-5	6.95E-5	2.51E-4
	CC11	-0.3329	-0.1297	-0.0965	-3.15E-5	6.79E-5	2.65E-4
	CC12	-0.3050	-0.6289	-0.0432	-4.82E-5	1.00E-4	2.97E-4
	CC13	-0.2993	-0.6509	-0.0413	-4.81E-5	9.88E-5	3.10E-4
	CC14	0.0424	0.9999	-0.2264	1.75E-5	-3.38E-5	-1.60E-4
	CC15	0.0598	0.9334	-0.2207	1.81E-5	-3.87E-5	-1.18E-4
	CC16	-0.1542	0.7796	-0.1978	3.66E-6	-1.93E-6	-1.34E-6
	CC17	-0.1368	0.7131	-0.1922	4.24E-6	-6.82E-6	4.05E-5
	CC18	0.1543	-0.7373	-0.0425	-3.78E-5	6.90E-5	-7.77E-6
	CC19	0.1716	-0.8038	-0.0368	-3.72E-5	6.41E-5	3.41E-5
	CC20	-0.0423	-0.9576	-0.0140	-5.16E-5	1.01E-4	1.51E-4
	CC21	-0.0250	-1.0242	-0.0083	-5.11E-5	9.60E-5	1.93E-4
219	CC1	-0.0010	-0.0026	-0.1071	-2.05E-5	7.53E-6	1.69E-6
	CC2	-0.0010	-0.0026	-0.1071	-2.05E-5	7.53E-6	1.69E-6
	CC3	-0.0010	-0.0026	-0.1071	-2.05E-5	7.53E-6	1.69E-6
	CC4	-0.0009	-0.0024	-0.1032	-1.92E-5	6.75E-6	1.60E-6
	CC5	-0.0009	-0.0024	-0.1032	-1.92E-5	6.75E-6	1.60E-6
	CC6	0.0848	-0.0113	-0.0564	-1.76E-5	4.92E-5	-6.68E-5
	CC7	0.0837	-0.0100	-0.0568	-1.35E-5	4.86E-5	-6.39E-5
	CC8	0.0837	-0.1043	-0.0622	-4.31E-4	4.76E-5	-5.94E-5
	CC9	0.0826	-0.1031	-0.0626	-4.27E-4	4.69E-5	-5.65E-5
	CC10	-0.0843	0.0983	-0.1413	3.89E-4	-3.39E-5	5.97E-5
	CC11	-0.0854	0.0996	-0.1416	3.93E-4	-3.46E-5	6.26E-5
	CC12	-0.0854	0.0053	-0.1471	-2.40E-5	-3.56E-5	6.71E-5
	CC13	-0.0866	0.0066	-0.1474	-1.99E-5	-3.62E-5	7.00E-5
	CC14	0.0281	0.1343	-0.0790	6.03E-4	2.27E-5	-3.42E-5
	CC15	0.0247	0.1381	-0.0800	6.15E-4	2.07E-5	-2.53E-5
	CC16	-0.0226	0.1672	-0.1045	7.25E-4	-2.19E-6	3.80E-6
	CC17	-0.0260	0.1710	-0.1055	7.37E-4	-4.22E-6	1.26E-5
	CC18	0.0243	-0.1758	-0.0984	-7.75E-4	1.72E-5	-9.48E-6
	CC19	0.0209	-0.1719	-0.0994	-7.62E-4	1.52E-5	-6.53E-7
	CC20	-0.0264	-0.1429	-0.1239	-6.53E-4	-7.74E-6	2.85E-5
	CC21	-0.0298	-0.1390	-0.1248	-6.40E-4	-9.76E-6	3.73E-5
220	CC1	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-9.99E-1
	CC2	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-9.99E-1
	CC3	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-9.99E-1
	CC4	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-9.67E-1
	CC5	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-9.67E-1
	CC6	0.0000	0.0000	-0.0672	0.00E+0	0.00E+0	2.70E-8
	CC7	0.0000	0.0000	-0.0673	0.00E+0	0.00E+0	2.59E-8
	CC8	0.0000	0.0000	-0.0722	0.00E+0	0.00E+0	1.41E-8
	CC9	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	1.30E-8
	CC10	0.0000	0.0000	-0.1161	0.00E+0	0.00E+0	-1.49E-8
	CC11	0.0000	0.0000	-0.1162	0.00E+0	0.00E+0	-1.60E-8
	CC12	0.0000	0.0000	-0.1211	0.00E+0	0.00E+0	-2.78E-8
	CC13	0.0000	0.0000	-0.1212	0.00E+0	0.00E+0	-2.89E-8
	CC14	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	2.84E-8
	CC15	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	2.51E-8
	CC16	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	1.59E-8
	CC17	0.0000	0.0000	-0.0934	0.00E+0	0.00E+0	1.25E-8
	CC18	0.0000	0.0000	-0.0950	0.00E+0	0.00E+0	-1.44E-8
	CC19	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	-1.78E-8
	CC20	0.0000	0.0000	-0.1097	0.00E+0	0.00E+0	-2.70E-8
	CC21	0.0000	0.0000	-0.1100	0.00E+0	0.00E+0	-3.03E-8
221	CC1	-0.0010	-0.0028	-0.1063	-1.90E-5	6.26E-6	1.54E-6
	CC2	-0.0010	-0.0028	-0.1063	-1.90E-5	6.26E-6	1.54E-6
	CC3	-0.0010	-0.0028	-0.1063	-1.90E-5	6.26E-6	1.54E-6
	CC4	-0.0009	-0.0026	-0.1025	-1.79E-5	5.71E-6	1.41E-6
	CC5	-0.0009	-0.0026	-0.1025	-1.79E-5	5.71E-6	1.41E-6
	CC6	0.0848	-0.0033	-0.0432	1.60E-5	2.38E-5	-6.70E-5
	CC7	0.0837	-0.0024	-0.0438	1.88E-5	2.35E-5	-6.41E-5
	CC8	0.0837	-0.0972	-0.0492	-4.05E-4	2.26E-5	-5.96E-5
	CC9	0.0826	-0.0963	-0.0497	-4.02E-4	2.23E-5	-5.67E-5

	CC10	-0.0843	0.0912	-0.1526	3.67E-4	-1.13E-5	5.95E-5
	CC11	-0.0854	0.0921	-0.1531	3.70E-4	-1.16E-5	6.24E-5
	CC12	-0.0854	-0.0027	-0.1586	-5.37E-5	-1.25E-5	6.69E-5
	CC13	-0.0865	-0.0018	-0.1591	-5.10E-5	-1.28E-5	6.98E-5
	CC14	0.0281	0.1384	-0.0740	6.27E-4	1.33E-5	-3.44E-5
	CC15	0.0247	0.1412	-0.0756	6.35E-4	1.24E-5	-2.55E-5
	CC16	-0.0226	0.1668	-0.1068	7.32E-4	2.75E-6	3.60E-6
	CC17	-0.0260	0.1695	-0.1084	7.40E-4	1.83E-6	1.24E-5
	CC18	0.0243	-0.1746	-0.0940	-7.75E-4	9.23E-6	-9.68E-6
	CC19	0.0209	-0.1719	-0.0955	-7.67E-4	8.31E-6	-8.53E-7
	CC20	-0.0264	-0.1463	-0.1268	-6.70E-4	-1.30E-6	2.83E-5
	CC21	-0.0298	-0.1435	-0.1283	-6.62E-4	-2.23E-6	3.71E-5
222	CC1	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	8.41E-11
	CC2	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	8.41E-11
	CC3	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	8.41E-11
	CC4	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	7.24E-11
	CC5	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	7.24E-11
	CC6	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-1.73E-9
	CC7	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-1.71E-9
	CC8	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	6.09E-9
	CC9	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	6.11E-9
	CC10	0.0000	0.0000	-0.1153	0.00E+0	0.00E+0	-5.97E-9
	CC11	0.0000	0.0000	-0.1153	0.00E+0	0.00E+0	-5.96E-9
	CC12	0.0000	0.0000	-0.1202	0.00E+0	0.00E+0	1.85E-9
	CC13	0.0000	0.0000	-0.1203	0.00E+0	0.00E+0	1.86E-9
	CC14	0.0000	0.0000	-0.0788	0.00E+0	0.00E+0	-1.23E-8
	CC15	0.0000	0.0000	-0.0791	0.00E+0	0.00E+0	-1.23E-8
	CC16	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	-1.36E-8
	CC17	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	-1.36E-8
	CC18	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	1.37E-8
	CC19	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.38E-8
	CC20	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	1.24E-8
	CC21	0.0000	0.0000	-0.1098	0.00E+0	0.00E+0	1.25E-8
223	CC1	0.0008	-0.0017	-0.1110	-2.47E-5	3.52E-6	-9.77E-7
	CC2	0.0008	-0.0017	-0.1110	-2.47E-5	3.52E-6	-9.77E-7
	CC3	0.0008	-0.0017	-0.1110	-2.47E-5	3.52E-6	-9.77E-7
	CC4	0.0008	-0.0016	-0.1083	-2.25E-5	3.15E-6	-8.98E-7
	CC5	0.0008	-0.0016	-0.1083	-2.25E-5	3.15E-6	-8.98E-7
	CC6	0.0710	0.1022	-0.1466	2.66E-4	-1.22E-4	-6.93E-5
	CC7	0.0717	0.0987	-0.1461	2.57E-4	-1.23E-4	-6.64E-5
	CC8	0.0750	-0.0029	-0.1202	-3.94E-5	-1.38E-4	-6.19E-5
	CC9	0.0758	-0.0064	-0.1196	-4.83E-5	-1.39E-4	-5.90E-5
	CC10	-0.0742	0.0033	-0.0952	4.63E-6	1.46E-4	5.72E-5
	CC11	-0.0735	-0.0001	-0.0946	-4.24E-6	1.44E-4	6.01E-5
	CC12	-0.0702	-0.1018	-0.0687	-3.01E-4	1.29E-4	6.46E-5
	CC13	-0.0695	-0.1053	-0.0682	-3.10E-4	1.28E-4	6.75E-5
	CC14	0.0147	0.1938	-0.1600	5.40E-4	-7.98E-6	-3.66E-5
	CC15	0.0169	0.1832	-0.1583	5.13E-4	-1.18E-5	-2.78E-5
	CC16	-0.0288	0.1642	-0.1446	4.62E-4	7.22E-5	1.35E-6
	CC17	-0.0267	0.1535	-0.1428	4.35E-4	6.84E-5	1.02E-5
	CC18	0.0282	-0.1566	-0.0720	-4.78E-4	-6.23E-5	-1.19E-5
	CC19	0.0304	-0.1672	-0.0702	-5.05E-4	-6.62E-5	-3.10E-6
	CC20	-0.0154	-0.1863	-0.0565	-5.57E-4	1.79E-5	2.60E-5
	CC21	-0.0132	-0.1969	-0.0548	-5.84E-4	1.40E-5	3.49E-5
224	CC1	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	-4.39E-1
	CC2	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	-4.39E-1
	CC3	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	-4.39E-1
	CC4	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-4.00E-1
	CC5	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-4.00E-1
	CC6	0.0000	0.0000	-0.1293	0.00E+0	0.00E+0	1.98E-9
	CC7	0.0000	0.0000	-0.1288	0.00E+0	0.00E+0	2.60E-9
	CC8	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	1.63E-8
	CC9	0.0000	0.0000	-0.1068	0.00E+0	0.00E+0	1.69E-8
	CC10	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	-1.77E-8
	CC11	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-1.71E-8
	CC12	0.0000	0.0000	-0.0671	0.00E+0	0.00E+0	-3.37E-9
	CC13	0.0000	0.0000	-0.0666	0.00E+0	0.00E+0	-2.76E-9
	CC14	0.0000	0.0000	-0.1415	0.00E+0	0.00E+0	-2.23E-8
	CC15	0.0000	0.0000	-0.1400	0.00E+0	0.00E+0	-2.04E-8
	CC16	0.0000	0.0000	-0.1295	0.00E+0	0.00E+0	-2.82E-8
	CC17	0.0000	0.0000	-0.1279	0.00E+0	0.00E+0	-2.63E-8
	CC18	0.0000	0.0000	-0.0680	0.00E+0	0.00E+0	2.55E-8

	CC19	0.0000	0.0000	-0.0665	0.00E+0	0.00E+0	2.74E-8
	CC20	0.0000	0.0000	-0.0559	0.00E+0	0.00E+0	1.96E-8
	CC21	0.0000	0.0000	-0.0544	0.00E+0	0.00E+0	2.15E-8
225	CC1	0.0006	-0.0018	-0.1107	-2.54E-5	-8.90E-6	-1.65E-6
	CC2	0.0006	-0.0018	-0.1107	-2.54E-5	-8.90E-6	-1.65E-6
	CC3	0.0006	-0.0018	-0.1107	-2.54E-5	-8.90E-6	-1.65E-6
	CC4	0.0006	-0.0017	-0.1080	-2.31E-5	-8.91E-6	-1.50E-6
	CC5	0.0006	-0.0017	-0.1080	-2.31E-5	-8.91E-6	-1.50E-6
	CC6	0.0709	0.0954	-0.1365	2.64E-4	-1.33E-4	-6.99E-5
	CC7	0.0716	0.0922	-0.1358	2.56E-4	-1.34E-4	-6.70E-5
	CC8	0.0749	-0.0089	-0.1086	-4.71E-5	-1.47E-4	-6.25E-5
	CC9	0.0756	-0.0122	-0.1079	-5.58E-5	-1.48E-4	-5.96E-5
	CC10	-0.0744	0.0089	-0.1063	1.11E-5	1.30E-4	5.67E-5
	CC11	-0.0737	0.0057	-0.1056	2.38E-6	1.29E-4	5.96E-5
	CC12	-0.0703	-0.0955	-0.0784	-3.00E-4	1.16E-4	6.41E-5
	CC13	-0.0696	-0.0987	-0.0777	-3.09E-4	1.15E-4	6.70E-5
	CC14	0.0146	0.1902	-0.1592	5.48E-4	-2.34E-5	-3.72E-5
	CC15	0.0168	0.1805	-0.1571	5.22E-4	-2.71E-5	-2.83E-5
	CC16	-0.0290	0.1642	-0.1501	4.72E-4	5.54E-5	7.80E-7
	CC17	-0.0268	0.1545	-0.1480	4.46E-4	5.18E-5	9.61E-6
	CC18	0.0281	-0.1578	-0.0662	-4.90E-4	-6.96E-5	-1.25E-5
	CC19	0.0302	-0.1675	-0.0641	-5.17E-4	-7.32E-5	-3.67E-6
	CC20	-0.0155	-0.1837	-0.0571	-5.66E-4	9.26E-6	2.55E-5
	CC21	-0.0133	-0.1935	-0.0551	-5.93E-4	5.61E-6	3.43E-5
226	CC1	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.08E-1
	CC2	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.08E-1
	CC3	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.08E-1
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	3.69E-1
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	3.69E-1
	CC6	0.0000	0.0000	-0.1266	0.00E+0	0.00E+0	8.44E-9
	CC7	0.0000	0.0000	-0.1260	0.00E+0	0.00E+0	8.24E-9
	CC8	0.0000	0.0000	-0.1043	0.00E+0	0.00E+0	-3.85E-9
	CC9	0.0000	0.0000	-0.1038	0.00E+0	0.00E+0	-4.05E-9
	CC10	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	4.76E-9
	CC11	0.0000	0.0000	-0.0913	0.00E+0	0.00E+0	4.56E-9
	CC12	0.0000	0.0000	-0.0696	0.00E+0	0.00E+0	-7.53E-9
	CC13	0.0000	0.0000	-0.0690	0.00E+0	0.00E+0	-7.72E-9
	CC14	0.0000	0.0000	-0.1409	0.00E+0	0.00E+0	2.17E-8
	CC15	0.0000	0.0000	-0.1393	0.00E+0	0.00E+0	2.11E-8
	CC16	0.0000	0.0000	-0.1304	0.00E+0	0.00E+0	2.06E-8
	CC17	0.0000	0.0000	-0.1288	0.00E+0	0.00E+0	2.00E-8
	CC18	0.0000	0.0000	-0.0668	0.00E+0	0.00E+0	-1.93E-8
	CC19	0.0000	0.0000	-0.0651	0.00E+0	0.00E+0	-1.99E-8
	CC20	0.0000	0.0000	-0.0563	0.00E+0	0.00E+0	-2.04E-8
	CC21	0.0000	0.0000	-0.0547	0.00E+0	0.00E+0	-2.10E-8
227	CC1	0.0002	-0.0091	-0.1139	-2.51E-5	1.57E-5	3.20E-6
	CC2	0.0002	-0.0091	-0.1139	-2.51E-5	1.57E-5	3.20E-6
	CC3	0.0002	-0.0091	-0.1139	-2.51E-5	1.57E-5	3.20E-6
	CC4	0.0002	-0.0085	-0.1097	-2.31E-5	1.43E-5	3.15E-6
	CC5	0.0002	-0.0085	-0.1097	-2.31E-5	1.43E-5	3.15E-6
	CC6	0.2015	-0.0023	-0.0478	1.45E-5	3.09E-5	-1.69E-4
	CC7	0.1986	0.0002	-0.0483	1.94E-5	3.06E-5	-1.62E-4
	CC8	0.2004	-0.2589	-0.0545	-5.12E-4	2.77E-5	-1.41E-4
	CC9	0.1976	-0.2563	-0.0550	-5.07E-4	2.74E-5	-1.33E-4
	CC10	-0.1970	0.2396	-0.1615	4.63E-4	3.35E-7	1.40E-4
	CC11	-0.1999	0.2422	-0.1620	4.67E-4	5.42E-8	1.47E-4
	CC12	-0.1981	-0.0169	-0.1682	-6.42E-5	-2.90E-6	1.68E-4
	CC13	-0.2010	-0.0143	-0.1687	-5.93E-5	-3.19E-6	1.75E-4
	CC14	0.0662	0.3790	-0.0793	7.81E-4	2.43E-5	-1.02E-4
	CC15	0.0575	0.3867	-0.0808	7.96E-4	2.34E-5	-7.98E-5
	CC16	-0.0534	0.4516	-0.1134	9.15E-4	1.51E-5	-9.02E-6
	CC17	-0.0621	0.4593	-0.1149	9.30E-4	1.42E-5	1.29E-5
	CC18	0.0626	-0.4760	-0.1016	-9.75E-4	1.35E-5	-6.61E-6
	CC19	0.0539	-0.4683	-0.1031	-9.60E-4	1.26E-5	1.53E-5
	CC20	-0.0569	-0.4034	-0.1357	-8.41E-4	4.30E-6	8.60E-5
	CC21	-0.0656	-0.3957	-0.1372	-8.26E-4	3.45E-6	1.08E-4
228	CC1	-0.0010	-0.0026	-0.1072	-2.06E-5	7.98E-6	1.69E-6
	CC2	-0.0010	-0.0026	-0.1072	-2.06E-5	7.98E-6	1.69E-6
	CC3	-0.0010	-0.0026	-0.1072	-2.06E-5	7.98E-6	1.69E-6
	CC4	-0.0009	-0.0024	-0.1033	-1.93E-5	7.15E-6	1.61E-6
	CC5	-0.0009	-0.0024	-0.1033	-1.93E-5	7.15E-6	1.61E-6
	CC6	0.0848	-0.0120	-0.0567	-2.01E-5	1.22E-5	-6.68E-5

	CC7	0.0837	-0.0107	-0.0570	-1.59E-5	1.21E-5	-6.39E-5
	CC8	0.0837	-0.1049	-0.0625	-4.33E-4	1.05E-5	-5.94E-5
	CC9	0.0825	-0.1036	-0.0628	-4.28E-4	1.04E-5	-5.65E-5
	CC10	-0.0843	0.0989	-0.1411	3.91E-4	3.34E-6	5.97E-5
	CC11	-0.0854	0.1002	-0.1415	3.95E-4	3.21E-6	6.26E-5
	CC12	-0.0854	0.0060	-0.1469	-2.18E-5	1.64E-6	6.71E-5
	CC13	-0.0866	0.0073	-0.1473	-1.76E-5	1.51E-6	7.00E-5
	CC14	0.0281	0.1340	-0.0792	6.01E-4	1.12E-5	-3.41E-5
	CC15	0.0247	0.1379	-0.0802	6.14E-4	1.08E-5	-2.53E-5
	CC16	-0.0226	0.1672	-0.1045	7.24E-4	8.57E-6	3.81E-6
	CC17	-0.0260	0.1712	-0.1055	7.37E-4	8.17E-6	1.26E-5
	CC18	0.0243	-0.1759	-0.0985	-7.75E-4	5.57E-6	-9.47E-6
	CC19	0.0209	-0.1719	-0.0995	-7.62E-4	5.17E-6	-6.41E-7
	CC20	-0.0264	-0.1426	-0.1238	-6.51E-4	2.91E-6	2.85E-5
	CC21	-0.0299	-0.1387	-0.1248	-6.38E-4	2.51E-6	3.73E-5
229	CC1	0.0000	-0.0096	-0.1118	-2.46E-5	1.51E-5	3.71E-6
	CC2	0.0000	-0.0096	-0.1118	-2.46E-5	1.51E-5	3.71E-6
	CC3	0.0000	-0.0096	-0.1118	-2.46E-5	1.51E-5	3.71E-6
	CC4	0.0001	-0.0090	-0.1077	-2.27E-5	1.39E-5	3.60E-6
	CC5	0.0001	-0.0090	-0.1077	-2.27E-5	1.39E-5	3.60E-6
	CC6	0.2014	0.0179	-0.0360	5.50E-5	2.82E-5	-1.69E-4
	CC7	0.1985	0.0195	-0.0367	5.83E-5	2.79E-5	-1.62E-4
	CC8	0.2003	-0.2421	-0.0431	-4.87E-4	2.56E-5	-1.40E-4
	CC9	0.1974	-0.2404	-0.0437	-4.84E-4	2.53E-5	-1.33E-4
	CC10	-0.1972	0.2229	-0.1689	4.40E-4	1.69E-6	1.40E-4
	CC11	-0.2000	0.2246	-0.1695	4.43E-4	1.41E-6	1.47E-4
	CC12	-0.1982	-0.0370	-0.1759	-1.02E-4	-9.10E-7	1.69E-4
	CC13	-0.2011	-0.0354	-0.1766	-9.91E-5	-1.19E-6	1.76E-4
	CC14	0.0660	0.3912	-0.0736	8.19E-4	2.22E-5	-1.01E-4
	CC15	0.0573	0.3963	-0.0756	8.29E-4	2.14E-5	-7.93E-5
	CC16	-0.0535	0.4527	-0.1135	9.35E-4	1.43E-5	-8.60E-6
	CC17	-0.0622	0.4578	-0.1155	9.45E-4	1.34E-5	1.33E-5
	CC18	0.0625	-0.4753	-0.0971	-9.89E-4	1.35E-5	-6.18E-6
	CC19	0.0538	-0.4702	-0.0991	-9.79E-4	1.27E-5	1.57E-5
	CC20	-0.0571	-0.4138	-0.1369	-8.73E-4	5.61E-6	8.65E-5
	CC21	-0.0657	-0.4087	-0.1389	-8.63E-4	4.77E-6	1.08E-4
230	CC1	-0.0010	-0.0028	-0.1064	-1.92E-5	6.82E-6	1.56E-6
	CC2	-0.0010	-0.0028	-0.1064	-1.92E-5	6.82E-6	1.56E-6
	CC3	-0.0010	-0.0028	-0.1064	-1.92E-5	6.82E-6	1.56E-6
	CC4	-0.0009	-0.0026	-0.1025	-1.80E-5	6.23E-6	1.44E-6
	CC5	-0.0009	-0.0026	-0.1025	-1.80E-5	6.23E-6	1.44E-6
	CC6	0.0848	-0.0040	-0.0436	1.33E-5	6.01E-5	-6.70E-5
	CC7	0.0837	-0.0030	-0.0442	1.62E-5	5.93E-5	-6.41E-5
	CC8	0.0837	-0.0978	-0.0496	-4.07E-4	5.86E-5	-5.96E-5
	CC9	0.0826	-0.0969	-0.0501	-4.04E-4	5.78E-5	-5.67E-5
	CC10	-0.0843	0.0918	-0.1523	3.69E-4	-4.58E-5	5.95E-5
	CC11	-0.0854	0.0927	-0.1529	3.72E-4	-4.66E-5	6.24E-5
	CC12	-0.0854	-0.0020	-0.1583	-5.13E-5	-4.72E-5	6.69E-5
	CC13	-0.0865	-0.0011	-0.1588	-4.84E-5	-4.80E-5	6.98E-5
	CC14	0.0281	0.1381	-0.0742	6.25E-4	2.56E-5	-3.43E-5
	CC15	0.0247	0.1409	-0.0758	6.34E-4	2.31E-5	-2.55E-5
	CC16	-0.0226	0.1668	-0.1068	7.31E-4	-6.20E-6	3.63E-6
	CC17	-0.0260	0.1697	-0.1084	7.40E-4	-8.68E-6	1.25E-5
	CC18	0.0243	-0.1747	-0.0941	-7.75E-4	2.07E-5	-9.65E-6
	CC19	0.0209	-0.1719	-0.0956	-7.67E-4	1.83E-5	-8.25E-7
	CC20	-0.0264	-0.1460	-0.1267	-6.69E-4	-1.10E-5	2.83E-5
	CC21	-0.0298	-0.1431	-0.1282	-6.60E-4	-1.35E-5	3.71E-5
231	CC1	0.0013	-0.0059	-0.1149	-1.26E-5	2.01E-5	3.10E-6
	CC2	0.0013	-0.0059	-0.1149	-1.26E-5	2.01E-5	3.10E-6
	CC3	0.0013	-0.0059	-0.1149	-1.26E-5	2.01E-5	3.10E-6
	CC4	0.0014	-0.0054	-0.1122	-1.15E-5	1.84E-5	2.94E-6
	CC5	0.0014	-0.0054	-0.1122	-1.15E-5	1.84E-5	2.94E-6
	CC6	0.1947	0.3817	-0.1252	4.23E-4	-2.76E-4	-1.69E-4
	CC7	0.1925	0.3683	-0.1261	4.08E-4	-2.73E-4	-1.62E-4
	CC8	0.1980	0.0621	-0.1448	9.89E-5	-2.88E-4	-1.41E-4
	CC9	0.1958	0.0487	-0.1457	8.40E-5	-2.84E-4	-1.34E-4
	CC10	-0.1930	-0.0591	-0.0768	-1.06E-4	3.20E-4	1.39E-4
	CC11	-0.1951	-0.0726	-0.0778	-1.21E-4	3.23E-4	1.47E-4
	CC12	-0.1896	-0.3787	-0.0964	-4.30E-4	3.08E-4	1.68E-4
	CC13	-0.1918	-0.3921	-0.0974	-4.45E-4	3.11E-4	1.75E-4
	CC14	0.0573	0.6138	-0.0844	6.30E-4	-5.67E-5	-1.02E-4
	CC15	0.0507	0.5731	-0.0873	5.85E-4	-4.69E-5	-8.00E-5

	CC16	-0.0589	0.4815	-0.0699	4.72E-4	1.22E-4	-9.28E-6
	CC17	-0.0656	0.4409	-0.0728	4.27E-4	1.32E-4	1.26E-5
	CC18	0.0684	-0.4513	-0.1497	-4.49E-4	-9.62E-5	-6.87E-6
	CC19	0.0618	-0.4920	-0.1526	-4.94E-4	-8.64E-5	1.50E-5
	CC20	-0.0479	-0.5835	-0.1352	-6.07E-4	8.26E-5	8.58E-5
	CC21	-0.0545	-0.6242	-0.1381	-6.53E-4	9.23E-5	1.08E-4
232	CC1	0.0026	-0.0020	-0.1093	-1.14E-5	9.49E-6	4.17E-7
	CC2	0.0026	-0.0020	-0.1093	-1.14E-5	9.49E-6	4.17E-7
	CC3	0.0026	-0.0020	-0.1093	-1.14E-5	9.49E-6	4.17E-7
	CC4	0.0025	-0.0018	-0.1068	-1.05E-5	8.28E-6	4.52E-7
	CC5	0.0025	-0.0018	-0.1068	-1.05E-5	8.28E-6	4.52E-7
	CC6	0.0857	0.1400	-0.1185	3.34E-4	-2.65E-4	-6.80E-5
	CC7	0.0848	0.1349	-0.1193	3.22E-4	-2.62E-4	-6.50E-5
	CC8	0.0849	0.0307	-0.1357	7.42E-5	-2.69E-4	-6.06E-5
	CC9	0.0841	0.0256	-0.1365	6.22E-5	-2.66E-4	-5.76E-5
	CC10	-0.0791	-0.0291	-0.0754	-8.27E-5	2.82E-4	5.86E-5
	CC11	-0.0799	-0.0342	-0.0762	-9.46E-5	2.85E-4	6.15E-5
	CC12	-0.0798	-0.1384	-0.0927	-3.42E-4	2.77E-4	6.60E-5
	CC13	-0.0807	-0.1435	-0.0935	-3.54E-4	2.80E-4	6.89E-5
	CC14	0.0297	0.2136	-0.0825	5.03E-4	-7.14E-5	-3.53E-5
	CC15	0.0271	0.1980	-0.0849	4.66E-4	-6.21E-5	-2.64E-5
	CC16	-0.0197	0.1628	-0.0696	3.78E-4	9.25E-5	2.69E-6
	CC17	-0.0223	0.1472	-0.0720	3.41E-4	1.02E-4	1.15E-5
	CC18	0.0273	-0.1507	-0.1399	-3.62E-4	-8.61E-5	-1.06E-5
	CC19	0.0247	-0.1663	-0.1424	-3.98E-4	-7.67E-5	-1.76E-6
	CC20	-0.0221	-0.2015	-0.1270	-4.87E-4	7.78E-5	2.74E-5
	CC21	-0.0247	-0.2171	-0.1294	-5.23E-4	8.72E-5	3.62E-5
233	CC1	0.0016	-0.0059	-0.1138	-9.14E-6	1.71E-5	3.12E-6
	CC2	0.0016	-0.0059	-0.1138	-9.14E-6	1.71E-5	3.12E-6
	CC3	0.0016	-0.0059	-0.1138	-9.14E-6	1.71E-5	3.12E-6
	CC4	0.0017	-0.0054	-0.1112	-8.28E-6	1.57E-5	2.95E-6
	CC5	0.0017	-0.0054	-0.1112	-8.28E-6	1.57E-5	2.95E-6
	CC6	0.1878	0.3816	-0.1366	4.22E-4	-2.78E-4	-1.69E-4
	CC7	0.1863	0.3682	-0.1363	4.08E-4	-2.75E-4	-1.62E-4
	CC8	0.1938	0.0621	-0.1282	1.01E-4	-2.74E-4	-1.41E-4
	CC9	0.1924	0.0487	-0.1279	8.62E-5	-2.71E-4	-1.34E-4
	CC10	-0.1889	-0.0592	-0.0928	-1.02E-4	3.02E-4	1.39E-4
	CC11	-0.1903	-0.0726	-0.0925	-1.17E-4	3.05E-4	1.47E-4
	CC12	-0.1829	-0.3787	-0.0844	-4.24E-4	3.06E-4	1.68E-4
	CC13	-0.1843	-0.3921	-0.0841	-4.38E-4	3.08E-4	1.75E-4
	CC14	0.0504	0.6138	-0.1314	6.29E-4	-8.20E-5	-1.02E-4
	CC15	0.0460	0.5731	-0.1304	5.84E-4	-7.37E-5	-8.00E-5
	CC16	-0.0626	0.4815	-0.1183	4.71E-4	9.20E-5	-9.27E-6
	CC17	-0.0670	0.4408	-0.1173	4.27E-4	1.00E-4	1.26E-5
	CC18	0.0705	-0.4513	-0.1034	-4.43E-4	-6.97E-5	-6.86E-6
	CC19	0.0661	-0.4920	-0.1024	-4.87E-4	-6.14E-5	1.50E-5
	CC20	-0.0425	-0.5835	-0.0902	-6.00E-4	1.04E-4	8.58E-5
	CC21	-0.0469	-0.6242	-0.0893	-6.45E-4	1.13E-4	1.08E-4
234	CC1	0.0026	-0.0019	-0.1086	-4.43E-6	5.82E-6	-5.70E-7
	CC2	0.0026	-0.0019	-0.1086	-4.43E-6	5.82E-6	-5.70E-7
	CC3	0.0026	-0.0019	-0.1086	-4.43E-6	5.82E-6	-5.70E-7
	CC4	0.0025	-0.0017	-0.1061	-3.86E-6	4.99E-6	-4.84E-7
	CC5	0.0025	-0.0017	-0.1061	-3.86E-6	4.99E-6	-4.84E-7
	CC6	0.0824	0.1401	-0.1313	3.35E-4	-2.61E-4	-6.89E-5
	CC7	0.0818	0.1350	-0.1310	3.24E-4	-2.59E-4	-6.60E-5
	CC8	0.0836	0.0308	-0.1228	7.89E-5	-2.59E-4	-6.15E-5
	CC9	0.0830	0.0257	-0.1225	6.71E-5	-2.57E-4	-5.86E-5
	CC10	-0.0780	-0.0290	-0.0882	-7.45E-5	2.66E-4	5.77E-5
	CC11	-0.0786	-0.0341	-0.0879	-8.63E-5	2.69E-4	6.06E-5
	CC12	-0.0768	-0.1383	-0.0797	-3.31E-4	2.68E-4	6.51E-5
	CC13	-0.0774	-0.1434	-0.0794	-3.43E-4	2.71E-4	6.80E-5
	CC14	0.0254	0.2137	-0.1264	5.03E-4	-8.11E-5	-3.62E-5
	CC15	0.0237	0.1981	-0.1255	4.67E-4	-7.37E-5	-2.74E-5
	CC16	-0.0227	0.1629	-0.1135	3.80E-4	7.71E-5	1.77E-6
	CC17	-0.0244	0.1474	-0.1126	3.44E-4	8.45E-5	1.06E-5
	CC18	0.0294	-0.1506	-0.0981	-3.52E-4	-7.51E-5	-1.15E-5
	CC19	0.0277	-0.1662	-0.0972	-3.87E-4	-6.77E-5	-2.68E-6
	CC20	-0.0187	-0.2014	-0.0851	-4.75E-4	8.31E-5	2.64E-5
	CC21	-0.0204	-0.2170	-0.0842	-5.10E-4	9.05E-5	3.53E-5
235	CC1	0.0009	-0.0201	-0.1168	-5.92E-5	2.61E-5	6.55E-6
	CC2	0.0009	-0.0201	-0.1168	-5.92E-5	2.61E-5	6.55E-6
	CC3	0.0009	-0.0201	-0.1168	-5.92E-5	2.61E-5	6.55E-6

	CC4	0.0010	-0.0187	-0.1124	-5.59E-5	2.41E-5	6.63E-6
	CC5	0.0010	-0.0187	-0.1124	-5.59E-5	2.41E-5	6.63E-6
	CC6	0.3098	-0.0097	-0.0444	-4.49E-5	3.58E-5	-2.63E-4
	CC7	0.3055	-0.0052	-0.0450	-4.23E-5	3.56E-5	-2.51E-4
	CC8	0.3105	-0.4187	-0.0519	-2.47E-4	4.07E-5	-2.22E-4
	CC9	0.3062	-0.4142	-0.0525	-2.44E-4	4.05E-5	-2.11E-4
	CC10	-0.3041	0.3777	-0.1694	1.35E-4	6.41E-6	2.24E-4
	CC11	-0.3084	0.3822	-0.1700	1.37E-4	6.24E-6	2.35E-4
	CC12	-0.3034	-0.0312	-0.1769	-6.72E-5	1.13E-5	2.65E-4
	CC13	-0.3077	-0.0267	-0.1775	-6.46E-5	1.11E-5	2.76E-4
	CC14	0.0985	0.5985	-0.0789	2.51E-4	2.00E-5	-1.51E-4
	CC15	0.0854	0.6120	-0.0806	2.59E-4	1.95E-5	-1.17E-4
	CC16	-0.0857	0.7147	-0.1164	3.05E-4	1.12E-5	-5.36E-6
	CC17	-0.0987	0.7283	-0.1181	3.13E-4	1.07E-5	2.90E-5
	CC18	0.1009	-0.7647	-0.1038	-4.22E-4	3.62E-5	-1.57E-5
	CC19	0.0878	-0.7511	-0.1055	-4.15E-4	3.57E-5	1.87E-5
	CC20	-0.0833	-0.6485	-0.1413	-3.69E-4	2.74E-5	1.30E-4
	CC21	-0.0963	-0.6349	-0.1430	-3.61E-4	2.69E-5	1.65E-4
236	CC1	0.0010	-0.0208	-0.1141	-5.69E-5	1.75E-5	5.43E-6
	CC2	0.0010	-0.0208	-0.1141	-5.69E-5	1.75E-5	5.43E-6
	CC3	0.0010	-0.0208	-0.1141	-5.69E-5	1.75E-5	5.43E-6
	CC4	0.0011	-0.0194	-0.1098	-5.38E-5	1.62E-5	5.65E-6
	CC5	0.0011	-0.0194	-0.1098	-5.38E-5	1.62E-5	5.65E-6
	CC6	0.3099	0.0219	-0.0368	-2.92E-5	-3.58E-6	-2.64E-4
	CC7	0.3056	0.0250	-0.0374	-2.72E-5	-3.38E-6	-2.52E-4
	CC8	0.3106	-0.3920	-0.0447	-2.29E-4	-6.88E-6	-2.23E-4
	CC9	0.3063	-0.3888	-0.0453	-2.27E-4	-6.68E-6	-2.12E-4
	CC10	-0.3040	0.3509	-0.1716	1.21E-4	3.83E-5	2.23E-4
	CC11	-0.3083	0.3540	-0.1722	1.23E-4	3.85E-5	2.34E-4
	CC12	-0.3033	-0.0629	-0.1795	-7.82E-5	3.50E-5	2.64E-4
	CC13	-0.3076	-0.0598	-0.1801	-7.61E-5	3.52E-5	2.75E-4
	CC14	0.0985	0.6167	-0.0741	2.54E-4	1.47E-5	-1.52E-4
	CC15	0.0855	0.6261	-0.0760	2.60E-4	1.53E-5	-1.18E-4
	CC16	-0.0856	0.7154	-0.1145	2.99E-4	2.73E-5	-6.29E-6
	CC17	-0.0987	0.7248	-0.1165	3.05E-4	2.79E-5	2.80E-5
	CC18	0.1009	-0.7628	-0.1004	-4.11E-4	3.70E-6	-1.66E-5
	CC19	0.0879	-0.7533	-0.1024	-4.04E-4	4.33E-6	1.77E-5
	CC20	-0.0832	-0.6641	-0.1409	-3.65E-4	1.63E-5	1.29E-4
	CC21	-0.0963	-0.6546	-0.1428	-3.59E-4	1.69E-5	1.64E-4
237	CC1	-0.0021	-0.0098	-0.1175	-1.81E-5	1.41E-5	9.15E-7
	CC2	-0.0021	-0.0098	-0.1175	-1.81E-5	1.41E-5	9.15E-7
	CC3	-0.0021	-0.0098	-0.1175	-1.81E-5	1.41E-5	9.15E-7
	CC4	-0.0017	-0.0088	-0.1147	-1.68E-5	1.31E-5	1.00E-6
	CC5	-0.0017	-0.0088	-0.1147	-1.68E-5	1.31E-5	1.00E-6
	CC6	0.2962	0.5966	-0.1276	4.57E-4	-2.38E-4	-2.68E-4
	CC7	0.2930	0.5761	-0.1287	4.41E-4	-2.37E-4	-2.57E-4
	CC8	0.3007	0.0975	-0.1533	9.33E-5	-2.51E-4	-2.28E-4
	CC9	0.2975	0.0770	-0.1544	7.75E-5	-2.51E-4	-2.16E-4
	CC10	-0.3007	-0.0939	-0.0732	-1.10E-4	2.77E-4	2.18E-4
	CC11	-0.3040	-0.1145	-0.0743	-1.26E-4	2.77E-4	2.30E-4
	CC12	-0.2962	-0.5930	-0.0988	-4.74E-4	2.63E-4	2.59E-4
	CC13	-0.2995	-0.6136	-0.1000	-4.90E-4	2.63E-4	2.70E-4
	CC14	0.0853	0.9582	-0.0775	6.99E-4	-4.23E-5	-1.57E-4
	CC15	0.0755	0.8957	-0.0809	6.51E-4	-4.08E-5	-1.23E-4
	CC16	-0.0937	0.7510	-0.0612	5.29E-4	1.12E-4	-1.10E-5
	CC17	-0.1036	0.6886	-0.0646	4.81E-4	1.14E-4	2.34E-5
	CC18	0.1003	-0.7055	-0.1630	-5.13E-4	-8.79E-5	-2.13E-5
	CC19	0.0905	-0.7679	-0.1664	-5.61E-4	-8.63E-5	1.30E-5
	CC20	-0.0788	-0.9127	-0.1467	-6.84E-4	6.64E-5	1.25E-4
	CC21	-0.0886	-0.9751	-0.1501	-7.31E-4	6.80E-5	1.59E-4
238	CC1	-0.0020	-0.0097	-0.1161	-8.86E-6	1.60E-5	2.45E-6
	CC2	-0.0020	-0.0097	-0.1161	-8.86E-6	1.60E-5	2.45E-6
	CC3	-0.0020	-0.0097	-0.1161	-8.86E-6	1.60E-5	2.45E-6
	CC4	-0.0016	-0.0088	-0.1135	-7.94E-6	1.48E-5	2.52E-6
	CC5	-0.0016	-0.0088	-0.1135	-7.94E-6	1.48E-5	2.52E-6
	CC6	0.2853	0.5967	-0.1438	4.72E-4	-2.28E-4	-2.67E-4
	CC7	0.2832	0.5761	-0.1433	4.56E-4	-2.27E-4	-2.56E-4
	CC8	0.2939	0.0976	-0.1316	1.04E-4	-2.34E-4	-2.26E-4
	CC9	0.2918	0.0770	-0.1312	8.81E-5	-2.34E-4	-2.15E-4
	CC10	-0.2947	-0.0939	-0.0940	-1.03E-4	2.63E-4	2.20E-4
	CC11	-0.2968	-0.1144	-0.0935	-1.19E-4	2.63E-4	2.31E-4
	CC12	-0.2861	-0.5930	-0.0818	-4.71E-4	2.56E-4	2.61E-4

	CC13	-0.2882	-0.6135	-0.0814	-4.88E-4	2.57E-4	2.72E-4
	CC14	0.0745	0.9582	-0.1410	7.17E-4	-4.91E-5	-1.56E-4
	CC15	0.0681	0.8958	-0.1396	6.68E-4	-4.76E-5	-1.21E-4
	CC16	-0.0995	0.7510	-0.1261	5.44E-4	9.80E-5	-9.47E-6
	CC17	-0.1059	0.6886	-0.1247	4.95E-4	9.95E-5	2.49E-5
	CC18	0.1030	-0.7055	-0.1005	-5.10E-4	-7.07E-5	-1.98E-5
	CC19	0.0966	-0.7679	-0.0991	-5.59E-4	-6.92E-5	1.46E-5
	CC20	-0.0710	-0.9126	-0.0855	-6.83E-4	7.64E-5	1.26E-4
	CC21	-0.0774	-0.9751	-0.0841	-7.32E-4	7.79E-5	1.61E-4
239	CC1	0.0070	-0.0222	-0.0951	-3.22E-5	0.00E+0	9.90E-6
	CC2	0.0070	-0.0222	-0.0951	-3.22E-5	0.00E+0	9.90E-6
	CC3	0.0070	-0.0222	-0.0951	-3.22E-5	0.00E+0	9.90E-6
	CC4	0.0066	-0.0208	-0.0923	-3.04E-5	0.00E+0	8.64E-6
	CC5	0.0066	-0.0208	-0.0923	-3.04E-5	0.00E+0	8.64E-6
	CC6	0.2546	0.0981	-0.0924	8.42E-5	2.99E-29	-2.61E-4
	CC7	0.2572	0.0979	-0.0923	8.53E-5	2.99E-29	-2.50E-4
	CC8	0.2801	-0.3275	-0.0186	-3.41E-4	1.13E-29	-2.21E-4
	CC9	0.2827	-0.3276	-0.0185	-3.40E-4	1.13E-29	-2.09E-4
	CC10	-0.2699	0.2869	-0.1643	2.81E-4	-1.13E-29	2.26E-4
	CC11	-0.2673	0.2868	-0.1641	2.82E-4	-1.13E-29	2.37E-4
	CC12	-0.2444	-0.1387	-0.0905	-1.45E-4	-2.99E-29	2.66E-4
	CC13	-0.2418	-0.1388	-0.0904	-1.44E-4	-2.99E-29	2.78E-4
	CC14	0.0386	0.6608	-0.2037	6.48E-4	3.72E-29	-1.50E-4
	CC15	0.0465	0.6604	-0.2034	6.52E-4	3.72E-29	-1.16E-4
	CC16	-0.1188	0.7175	-0.2253	7.07E-4	2.49E-29	-3.79E-6
	CC17	-0.1109	0.7170	-0.2249	7.11E-4	2.49E-29	3.05E-5
	CC18	0.1237	-0.7577	0.0422	-7.70E-4	-2.49E-29	-1.41E-5
	CC19	0.1316	-0.7582	0.0425	-7.67E-4	-2.49E-29	2.02E-5
	CC20	-0.0337	-0.7011	0.0206	-7.11E-4	-3.72E-29	1.32E-4
	CC21	-0.0258	-0.7015	0.0210	-7.08E-4	-3.72E-29	1.66E-4
240	CC1	0.0017	-0.0106	-0.0937	-2.94E-5	0.00E+0	5.59E-7
	CC2	0.0017	-0.0106	-0.0937	-2.94E-5	0.00E+0	5.59E-7
	CC3	0.0017	-0.0106	-0.0937	-2.94E-5	0.00E+0	5.59E-7
	CC4	0.0017	-0.0099	-0.0910	-2.75E-5	0.00E+0	1.34E-7
	CC5	0.0017	-0.0099	-0.0910	-2.75E-5	0.00E+0	1.34E-7
	CC6	0.1624	0.0664	-0.0710	1.26E-4	4.54E-31	-1.72E-4
	CC7	0.1639	0.0660	-0.0705	1.25E-4	4.54E-31	-1.65E-4
	CC8	0.1798	-0.2017	-0.0146	-3.79E-4	1.70E-31	-1.44E-4
	CC9	0.1814	-0.2021	-0.0141	-3.79E-4	1.70E-31	-1.37E-4
	CC10	-0.1780	0.1828	-0.1660	3.26E-4	-1.70E-31	1.37E-4
	CC11	-0.1764	0.1824	-0.1656	3.25E-4	-1.70E-31	1.44E-4
	CC12	-0.1605	-0.0853	-0.1096	-1.79E-4	-4.54E-31	1.65E-4
	CC13	-0.1590	-0.0857	-0.1092	-1.80E-4	-4.54E-31	1.72E-4
	CC14	0.0213	0.4204	-0.1705	7.85E-4	5.67E-31	-1.05E-4
	CC15	0.0260	0.4192	-0.1691	7.84E-4	5.67E-31	-8.29E-5
	CC16	-0.0808	0.4554	-0.1990	8.45E-4	3.80E-31	-1.22E-5
	CC17	-0.0761	0.4541	-0.1976	8.43E-4	3.80E-31	9.74E-6
	CC18	0.0795	-0.4734	0.0175	-8.97E-4	-3.80E-31	-9.76E-6
	CC19	0.0842	-0.4747	0.0189	-8.99E-4	-3.80E-31	1.21E-5
	CC20	-0.0226	-0.4385	-0.0110	-8.37E-4	-5.67E-31	8.29E-5
	CC21	-0.0179	-0.4397	-0.0097	-8.39E-4	-5.67E-31	1.05E-4
241	CC1	0.0055	-0.0213	-0.0960	-5.07E-5	0.00E+0	7.45E-6
	CC2	0.0055	-0.0213	-0.0960	-5.07E-5	0.00E+0	7.45E-6
	CC3	0.0055	-0.0213	-0.0960	-5.07E-5	0.00E+0	7.45E-6
	CC4	0.0057	-0.0198	-0.0931	-4.74E-5	0.00E+0	6.77E-6
	CC5	0.0057	-0.0198	-0.0931	-4.74E-5	0.00E+0	6.77E-6
	CC6	0.2539	0.1315	-0.0442	6.38E-5	6.89E-29	-2.63E-4
	CC7	0.2565	0.1300	-0.0433	6.34E-5	6.89E-29	-2.52E-4
	CC8	0.2794	-0.2989	-0.0127	-3.00E-4	2.67E-29	-2.22E-4
	CC9	0.2820	-0.3004	-0.0118	-3.01E-4	2.67E-29	-2.11E-4
	CC10	-0.2706	0.2619	-0.1724	2.08E-4	-2.67E-29	2.24E-4
	CC11	-0.2680	0.2604	-0.1715	2.08E-4	-2.67E-29	2.35E-4
	CC12	-0.2451	-0.1685	-0.1410	-1.56E-4	-6.89E-29	2.65E-4
	CC13	-0.2425	-0.1700	-0.1400	-1.56E-4	-6.89E-29	2.76E-4
	CC14	0.0379	0.6809	-0.1268	5.39E-4	8.47E-29	-1.52E-4
	CC15	0.0458	0.6763	-0.1240	5.38E-4	8.47E-29	-1.17E-4
	CC16	-0.1195	0.7200	-0.1652	5.83E-4	5.60E-29	-5.47E-6
	CC17	-0.1116	0.7155	-0.1624	5.81E-4	5.60E-29	2.89E-5
	CC18	0.1230	-0.7540	-0.0218	-6.74E-4	-5.60E-29	-1.58E-5
	CC19	0.1309	-0.7585	-0.0190	-6.75E-4	-5.60E-29	1.86E-5
	CC20	-0.0344	-0.7148	-0.0603	-6.31E-4	-8.47E-29	1.30E-4
	CC21	-0.0264	-0.7194	-0.0575	-6.32E-4	-8.47E-29	1.65E-4

242	CC1	0.0018	-0.0103	-0.0947	-3.16E-5	0.00E+0	-3.43E-6
	CC2	0.0018	-0.0103	-0.0947	-3.16E-5	0.00E+0	-3.43E-6
	CC3	0.0018	-0.0103	-0.0947	-3.16E-5	0.00E+0	-3.43E-6
	CC4	0.0019	-0.0095	-0.0919	-2.94E-5	0.00E+0	-3.65E-6
	CC5	0.0019	-0.0095	-0.0919	-2.94E-5	0.00E+0	-3.65E-6
	CC6	0.1626	0.0874	-0.0665	1.50E-4	5.10E-29	-1.76E-4
	CC7	0.1641	0.0861	-0.0659	1.48E-4	5.10E-29	-1.69E-4
	CC8	0.1800	-0.1842	-0.0299	-3.36E-4	1.90E-29	-1.47E-4
	CC9	0.1816	-0.1855	-0.0293	-3.37E-4	1.90E-29	-1.40E-4
	CC10	-0.1778	0.1669	-0.1527	2.80E-4	-1.90E-29	1.33E-4
	CC11	-0.1763	0.1656	-0.1521	2.78E-4	-1.90E-29	1.40E-4
	CC12	-0.1604	-0.1047	-0.1161	-2.05E-4	-5.10E-29	1.61E-4
	CC13	-0.1588	-0.1060	-0.1155	-2.07E-4	-5.10E-29	1.69E-4
	CC14	0.0215	0.4333	-0.1399	7.63E-4	6.39E-29	-1.09E-4
	CC15	0.0262	0.4295	-0.1381	7.58E-4	6.39E-29	-8.66E-5
	CC16	-0.0806	0.4572	-0.1657	8.02E-4	4.29E-29	-1.59E-5
	CC17	-0.0759	0.4533	-0.1640	7.97E-4	4.29E-29	6.03E-6
	CC18	0.0797	-0.4719	-0.0180	-8.54E-4	-4.29E-29	-1.35E-5
	CC19	0.0844	-0.4758	-0.0162	-8.60E-4	-4.29E-29	8.44E-6
	CC20	-0.0224	-0.4481	-0.0439	-8.15E-4	-6.39E-29	7.92E-5
	CC21	-0.0178	-0.4520	-0.0421	-8.21E-4	-6.39E-29	1.01E-4
243	CC1	-0.0026	-0.0022	-0.0908	-1.07E-5	-1.10E-5	4.06E-6
	CC2	-0.0026	-0.0022	-0.0908	-1.07E-5	-1.10E-5	4.06E-6
	CC3	-0.0026	-0.0022	-0.0908	-1.07E-5	-1.10E-5	4.06E-6
	CC4	-0.0024	-0.0020	-0.0887	-9.86E-6	-9.83E-6	3.72E-6
	CC5	-0.0024	-0.0020	-0.0887	-9.86E-6	-9.83E-6	3.72E-6
	CC6	0.0807	-0.1446	-0.0837	-3.62E-4	-2.92E-4	-6.48E-5
	CC7	0.0799	-0.1377	-0.0836	-3.44E-4	-2.89E-4	-6.19E-5
	CC8	0.0800	-0.2232	-0.0846	-5.72E-4	-2.89E-4	-5.74E-5
	CC9	0.0792	-0.2162	-0.0845	-5.55E-4	-2.86E-4	-5.45E-5
	CC10	-0.0839	0.2123	-0.0914	5.35E-4	2.68E-4	6.17E-5
	CC11	-0.0848	0.2192	-0.0914	5.53E-4	2.70E-4	6.46E-5
	CC12	-0.0846	0.1337	-0.0923	3.25E-4	2.70E-4	6.91E-5
	CC13	-0.0855	0.1407	-0.0923	3.43E-4	2.73E-4	7.20E-5
	CC14	0.0248	0.0649	-0.0854	1.80E-4	-1.02E-4	-3.21E-5
	CC15	0.0223	0.0860	-0.0852	2.34E-4	-9.31E-5	-2.33E-5
	CC16	-0.0246	0.1719	-0.0878	4.49E-4	6.61E-5	5.83E-6
	CC17	-0.0271	0.1930	-0.0876	5.03E-4	7.46E-5	1.47E-5
	CC18	0.0224	-0.1970	-0.0884	-5.22E-4	-9.35E-5	-7.45E-6
	CC19	0.0198	-0.1759	-0.0882	-4.68E-4	-8.50E-5	1.38E-6
	CC20	-0.0270	-0.0899	-0.0907	-2.53E-4	7.43E-5	3.05E-5
	CC21	-0.0296	-0.0688	-0.0905	-1.99E-4	8.28E-5	3.93E-5
244	CC1	-0.0021	-0.0021	-0.0897	-1.28E-5	-7.36E-6	5.23E-6
	CC2	-0.0021	-0.0021	-0.0897	-1.28E-5	-7.36E-6	5.23E-6
	CC3	-0.0021	-0.0021	-0.0897	-1.28E-5	-7.36E-6	5.23E-6
	CC4	-0.0020	-0.0019	-0.0877	-1.20E-5	-6.62E-6	4.83E-6
	CC5	-0.0020	-0.0019	-0.0877	-1.20E-5	-6.62E-6	4.83E-6
	CC6	0.0779	-0.1445	-0.0536	-3.70E-4	-2.89E-4	-6.37E-5
	CC7	0.0774	-0.1376	-0.0553	-3.52E-4	-2.87E-4	-6.08E-5
	CC8	0.0792	-0.2231	-0.0340	-5.83E-4	-2.96E-4	-5.63E-5
	CC9	0.0786	-0.2161	-0.0356	-5.65E-4	-2.94E-4	-5.34E-5
	CC10	-0.0825	0.2124	-0.1383	5.42E-4	2.81E-4	6.28E-5
	CC11	-0.0831	0.2193	-0.1400	5.60E-4	2.83E-4	6.57E-5
	CC12	-0.0813	0.1338	-0.1187	3.28E-4	2.74E-4	7.02E-5
	CC13	-0.0818	0.1408	-0.1203	3.46E-4	2.76E-4	7.31E-5
	CC14	0.0210	0.0650	-0.1046	1.80E-4	-8.31E-5	-3.10E-5
	CC15	0.0192	0.0861	-0.1096	2.35E-4	-7.68E-5	-2.22E-5
	CC16	-0.0272	0.1720	-0.1300	4.53E-4	8.78E-5	6.92E-6
	CC17	-0.0289	0.1931	-0.1350	5.08E-4	9.41E-5	1.58E-5
	CC18	0.0250	-0.1969	-0.0390	-5.31E-4	-1.07E-4	-6.36E-6
	CC19	0.0233	-0.1758	-0.0440	-4.77E-4	-1.01E-4	2.47E-6
	CC20	-0.0231	-0.0898	-0.0644	-2.58E-4	6.40E-5	3.16E-5
	CC21	-0.0249	-0.0687	-0.0694	-2.03E-4	7.03E-5	4.04E-5
245	CC1	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.94E-1
	CC2	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.94E-1
	CC3	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.94E-1
	CC4	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-1.69E-1
	CC5	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-1.69E-1
	CC6	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	1.42E-7
	CC7	0.0000	0.0000	-0.0693	0.00E+0	0.00E+0	1.36E-7
	CC8	0.0000	0.0000	-0.0615	0.00E+0	0.00E+0	1.93E-7
	CC9	0.0000	0.0000	-0.0621	0.00E+0	0.00E+0	1.87E-7

	CC10	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	-1.87E-7
	CC11	0.0000	0.0000	-0.1026	0.00E+0	0.00E+0	-1.94E-7
	CC12	0.0000	0.0000	-0.0948	0.00E+0	0.00E+0	-1.36E-7
	CC13	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-1.42E-7
	CC14	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-2.64E-8
	CC15	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	-4.57E-8
	CC16	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-1.25E-7
	CC17	0.0000	0.0000	-0.0999	0.00E+0	0.00E+0	-1.45E-7
	CC18	0.0000	0.0000	-0.0642	0.00E+0	0.00E+0	1.44E-7
	CC19	0.0000	0.0000	-0.0661	0.00E+0	0.00E+0	1.25E-7
	CC20	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	4.54E-8
	CC21	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	2.61E-8
246	CC1	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.05E-9
	CC2	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.05E-9
	CC3	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.05E-9
	CC4	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	-1.02E-9
	CC5	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	-1.02E-9
	CC6	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	1.39E-7
	CC7	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	1.32E-7
	CC8	0.0000	0.0000	-0.0547	0.00E+0	0.00E+0	1.88E-7
	CC9	0.0000	0.0000	-0.0555	0.00E+0	0.00E+0	1.81E-7
	CC10	0.0000	0.0000	-0.1085	0.00E+0	0.00E+0	-1.84E-7
	CC11	0.0000	0.0000	-0.1093	0.00E+0	0.00E+0	-1.90E-7
	CC12	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-1.34E-7
	CC13	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	-1.41E-7
	CC14	0.0000	0.0000	-0.0902	0.00E+0	0.00E+0	-2.50E-8
	CC15	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	-4.41E-8
	CC16	0.0000	0.0000	-0.1034	0.00E+0	0.00E+0	-1.22E-7
	CC17	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	-1.41E-7
	CC18	0.0000	0.0000	-0.0580	0.00E+0	0.00E+0	1.39E-7
	CC19	0.0000	0.0000	-0.0606	0.00E+0	0.00E+0	1.20E-7
	CC20	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	4.21E-8
	CC21	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	2.30E-8
247	CC1	-0.0032	-0.0011	-0.0904	-7.19E-6	6.11E-6	6.88E-7
	CC2	-0.0032	-0.0011	-0.0904	-7.19E-6	6.11E-6	6.88E-7
	CC3	-0.0032	-0.0011	-0.0904	-7.19E-6	6.11E-6	6.88E-7
	CC4	-0.0030	-0.0010	-0.0882	-6.62E-6	5.78E-6	6.74E-7
	CC5	-0.0030	-0.0010	-0.0882	-6.62E-6	5.78E-6	6.74E-7
	CC6	0.0567	-0.1027	-0.1160	-5.29E-4	-3.10E-4	-6.60E-5
	CC7	0.0560	-0.0978	-0.1146	-5.04E-4	-3.06E-4	-6.31E-5
	CC8	0.0558	-0.1579	-0.1323	-8.21E-4	-3.07E-4	-6.68E-5
	CC9	0.0551	-0.1530	-0.1309	-7.95E-4	-3.02E-4	-6.39E-5
	CC10	-0.0610	0.1510	-0.0441	7.82E-4	3.14E-4	6.53E-5
	CC11	-0.0617	0.1559	-0.0427	8.08E-4	3.18E-4	6.81E-5
	CC12	-0.0619	0.0959	-0.0604	4.91E-4	3.17E-4	6.44E-5
	CC13	-0.0627	0.1008	-0.0590	5.17E-4	3.21E-4	6.73E-5
	CC14	0.0174	0.0454	-0.0732	2.43E-4	-1.00E-4	-2.20E-5
	CC15	0.0150	0.0604	-0.0690	3.21E-4	-8.68E-5	-1.33E-5
	CC16	-0.0179	0.1215	-0.0517	6.37E-4	8.70E-5	1.74E-5
	CC17	-0.0203	0.1365	-0.0474	7.15E-4	1.00E-4	2.61E-5
	CC18	0.0144	-0.1384	-0.1276	-7.28E-4	-8.90E-5	-2.48E-5
	CC19	0.0120	-0.1235	-0.1233	-6.50E-4	-7.57E-5	-1.60E-5
	CC20	-0.0209	-0.0623	-0.1060	-3.34E-4	9.81E-5	1.46E-5
	CC21	-0.0233	-0.0473	-0.1018	-2.56E-4	1.11E-4	2.33E-5
248	CC1	-0.0022	-0.0006	-0.0885	-4.23E-6	1.60E-5	5.71E-7
	CC2	-0.0022	-0.0006	-0.0885	-4.23E-6	1.60E-5	5.71E-7
	CC3	-0.0022	-0.0006	-0.0885	-4.23E-6	1.60E-5	5.71E-7
	CC4	-0.0021	-0.0006	-0.0864	-3.86E-6	1.49E-5	5.81E-7
	CC5	-0.0021	-0.0006	-0.0864	-3.86E-6	1.49E-5	5.81E-7
	CC6	0.0309	-0.0575	-0.1046	-4.99E-4	-2.80E-4	-6.23E-5
	CC7	0.0305	-0.0548	-0.1037	-4.75E-4	-2.76E-4	-5.95E-5
	CC8	0.0300	-0.0881	-0.1149	-7.67E-4	-2.76E-4	-7.10E-5
	CC9	0.0296	-0.0853	-0.1140	-7.43E-4	-2.73E-4	-6.83E-5
	CC10	-0.0337	0.0842	-0.0574	7.36E-4	3.02E-4	6.94E-5
	CC11	-0.0341	0.0869	-0.0565	7.60E-4	3.06E-4	7.22E-5
	CC12	-0.0346	0.0536	-0.0678	4.67E-4	3.05E-4	6.07E-5
	CC13	-0.0350	0.0564	-0.0669	4.91E-4	3.09E-4	6.35E-5
	CC14	0.0097	0.0250	-0.0769	2.22E-4	-8.37E-5	-8.86E-6
	CC15	0.0086	0.0333	-0.0742	2.95E-4	-7.19E-5	-4.26E-7
	CC16	-0.0096	0.0675	-0.0628	5.92E-4	9.06E-5	3.07E-5
	CC17	-0.0108	0.0758	-0.0601	6.65E-4	1.02E-4	3.91E-5
	CC18	0.0067	-0.0770	-0.1114	-6.73E-4	-7.34E-5	-3.79E-5

	CC19	0.0055	-0.0686	-0.1086	-6.00E-4	-6.15E-5	-2.95E-5
	CC20	-0.0126	-0.0344	-0.0972	-3.03E-4	1.01E-4	1.59E-6
	CC21	-0.0138	-0.0261	-0.0945	-2.30E-4	1.13E-4	1.00E-5
249	CC1	-0.0008	-0.0003	-0.0866	-4.48E-6	1.59E-5	3.37E-7
	CC2	-0.0008	-0.0003	-0.0866	-4.48E-6	1.59E-5	3.37E-7
	CC3	-0.0008	-0.0003	-0.0866	-4.48E-6	1.59E-5	3.37E-7
	CC4	-0.0008	-0.0002	-0.0846	-4.19E-6	1.48E-5	3.47E-7
	CC5	-0.0008	-0.0002	-0.0846	-4.19E-6	1.48E-5	3.47E-7
	CC6	0.0097	-0.0189	-0.0735	-3.73E-4	-1.96E-4	-4.27E-5
	CC7	0.0096	-0.0180	-0.0732	-3.55E-4	-1.94E-4	-4.08E-5
	CC8	0.0092	-0.0288	-0.0769	-5.70E-4	-1.87E-4	-5.23E-5
	CC9	0.0091	-0.0279	-0.0766	-5.53E-4	-1.85E-4	-5.04E-5
	CC10	-0.0106	0.0274	-0.0913	5.45E-4	2.14E-4	5.11E-5
	CC11	-0.0107	0.0283	-0.0910	5.62E-4	2.16E-4	5.30E-5
	CC12	-0.0111	0.0175	-0.0946	3.47E-4	2.23E-4	4.15E-5
	CC13	-0.0112	0.0184	-0.0943	3.65E-4	2.25E-4	4.34E-5
	CC14	0.0032	0.0080	-0.0761	1.61E-4	-6.53E-5	-7.34E-7
	CC15	0.0029	0.0108	-0.0753	2.14E-4	-5.84E-5	5.13E-6
	CC16	-0.0028	0.0219	-0.0815	4.36E-4	5.76E-5	2.74E-5
	CC17	-0.0032	0.0246	-0.0806	4.90E-4	6.45E-5	3.33E-5
	CC18	0.0017	-0.0251	-0.0873	-4.98E-4	-3.55E-5	-3.26E-5
	CC19	0.0014	-0.0224	-0.0864	-4.44E-4	-2.87E-5	-2.67E-5
	CC20	-0.0044	-0.0112	-0.0926	-2.23E-4	8.73E-5	-4.43E-6
	CC21	-0.0047	-0.0085	-0.0917	-1.69E-4	9.42E-5	1.43E-6
250	CC1	-0.0018	-0.0009	-0.0875	-1.03E-5	3.97E-6	-3.03E-7
	CC2	-0.0018	-0.0009	-0.0875	-1.03E-5	3.97E-6	-3.03E-7
	CC3	-0.0018	-0.0009	-0.0875	-1.03E-5	3.97E-6	-3.03E-7
	CC4	-0.0017	-0.0008	-0.0855	-9.70E-6	3.80E-6	-3.03E-7
	CC5	-0.0017	-0.0008	-0.0855	-9.70E-6	3.80E-6	-3.03E-7
	CC6	0.0510	-0.1004	-0.0233	-5.26E-4	-2.83E-4	-7.24E-5
	CC7	0.0508	-0.0956	-0.0264	-5.01E-4	-2.82E-4	-6.92E-5
	CC8	0.0522	-0.1543	0.0126	-8.14E-4	-2.88E-4	-7.62E-5
	CC9	0.0520	-0.1495	0.0095	-7.89E-4	-2.87E-4	-7.31E-5
	CC10	-0.0553	0.1479	-0.1793	7.70E-4	2.95E-4	7.24E-5
	CC11	-0.0555	0.1527	-0.1824	7.95E-4	2.96E-4	7.56E-5
	CC12	-0.0541	0.0940	-0.1434	4.82E-4	2.89E-4	6.86E-5
	CC13	-0.0543	0.0988	-0.1464	5.07E-4	2.90E-4	7.18E-5
	CC14	0.0126	0.0445	-0.1168	2.38E-4	-7.49E-5	-2.05E-5
	CC15	0.0120	0.0591	-0.1261	3.15E-4	-7.19E-5	-1.09E-5
	CC16	-0.0193	0.1189	-0.1636	6.27E-4	9.83E-5	2.30E-5
	CC17	-0.0199	0.1336	-0.1729	7.04E-4	1.01E-4	3.25E-5
	CC18	0.0166	-0.1352	0.0031	-7.22E-4	-9.38E-5	-3.32E-5
	CC19	0.0160	-0.1206	-0.0062	-6.45E-4	-9.08E-5	-2.36E-5
	CC20	-0.0153	-0.0607	-0.0437	-3.34E-4	7.94E-5	1.03E-5
	CC21	-0.0159	-0.0461	-0.0530	-2.57E-4	8.24E-5	1.99E-5
251	CC1	-0.0012	-0.0002	-0.0866	-5.33E-6	8.81E-6	-1.09E-6
	CC2	-0.0012	-0.0002	-0.0866	-5.33E-6	8.81E-6	-1.09E-6
	CC3	-0.0012	-0.0002	-0.0866	-5.33E-6	8.81E-6	-1.09E-6
	CC4	-0.0012	-0.0002	-0.0846	-4.92E-6	8.40E-6	-1.05E-6
	CC5	-0.0012	-0.0002	-0.0846	-4.92E-6	8.40E-6	-1.05E-6
	CC6	0.0276	-0.0561	-0.0336	-4.85E-4	-2.51E-4	-7.16E-5
	CC7	0.0275	-0.0534	-0.0361	-4.62E-4	-2.50E-4	-6.84E-5
	CC8	0.0284	-0.0860	-0.0045	-7.46E-4	-2.58E-4	-8.46E-5
	CC9	0.0283	-0.0833	-0.0070	-7.22E-4	-2.57E-4	-8.14E-5
	CC10	-0.0306	0.0829	-0.1609	7.13E-4	2.73E-4	7.94E-5
	CC11	-0.0307	0.0856	-0.1634	7.36E-4	2.75E-4	8.25E-5
	CC12	-0.0298	0.0530	-0.1319	4.52E-4	2.66E-4	6.64E-5
	CC13	-0.0299	0.0557	-0.1344	4.76E-4	2.68E-4	6.95E-5
	CC14	0.0064	0.0247	-0.1095	2.14E-4	-6.04E-5	-6.73E-6
	CC15	0.0061	0.0329	-0.1171	2.85E-4	-5.70E-5	2.83E-6
	CC16	-0.0110	0.0664	-0.1477	5.74E-4	9.69E-5	3.86E-5
	CC17	-0.0114	0.0746	-0.1553	6.44E-4	1.00E-4	4.81E-5
	CC18	0.0091	-0.0750	-0.0127	-6.54E-4	-8.38E-5	-5.02E-5
	CC19	0.0087	-0.0668	-0.0203	-5.83E-4	-8.04E-5	-4.06E-5
	CC20	-0.0084	-0.0333	-0.0509	-2.95E-4	7.35E-5	-4.89E-6
	CC21	-0.0088	-0.0251	-0.0585	-2.24E-4	7.69E-5	4.67E-6
252	CC1	-0.0004	0.0000	-0.0856	-7.22E-7	8.70E-6	-8.00E-7
	CC2	-0.0004	0.0000	-0.0856	-7.22E-7	8.70E-6	-8.00E-7
	CC3	-0.0004	0.0000	-0.0856	-7.22E-7	8.70E-6	-8.00E-7
	CC4	-0.0004	0.0000	-0.0837	-5.43E-7	8.30E-6	-7.63E-7
	CC5	-0.0004	0.0000	-0.0837	-5.43E-7	8.30E-6	-7.63E-7
	CC6	0.0087	-0.0184	-0.0460	-3.64E-4	-1.76E-4	-4.92E-5

	CC7	0.0086	-0.0175	-0.0479	-3.46E-4	-1.75E-4	-4.70E-5
	CC8	0.0089	-0.0282	-0.0250	-5.58E-4	-1.83E-4	-6.19E-5
	CC9	0.0088	-0.0274	-0.0268	-5.40E-4	-1.82E-4	-5.97E-5
	CC10	-0.0097	0.0274	-0.1393	5.39E-4	1.99E-4	5.82E-5
	CC11	-0.0097	0.0283	-0.1411	5.57E-4	2.00E-4	6.04E-5
	CC12	-0.0095	0.0176	-0.1182	3.45E-4	1.92E-4	4.55E-5
	CC13	-0.0095	0.0185	-0.1200	3.63E-4	1.93E-4	4.77E-5
	CC14	0.0020	0.0082	-0.1014	1.61E-4	-3.75E-5	1.01E-6
	CC15	0.0019	0.0108	-0.1069	2.14E-4	-3.48E-5	7.66E-6
	CC16	-0.0035	0.0219	-0.1293	4.32E-4	7.50E-5	3.32E-5
	CC17	-0.0036	0.0246	-0.1349	4.85E-4	7.77E-5	3.99E-5
	CC18	0.0028	-0.0245	-0.0312	-4.86E-4	-6.13E-5	-4.14E-5
	CC19	0.0027	-0.0219	-0.0368	-4.33E-4	-5.86E-5	-3.47E-5
	CC20	-0.0027	-0.0108	-0.0592	-2.15E-4	5.11E-5	-9.16E-6
	CC21	-0.0028	-0.0081	-0.0647	-1.62E-4	5.39E-5	-2.51E-6
253	CC1	-0.0029	-0.0024	-0.0916	-1.39E-5	-2.31E-6	-4.59E-6
	CC2	-0.0029	-0.0024	-0.0916	-1.39E-5	-2.31E-6	-4.59E-6
	CC3	-0.0029	-0.0024	-0.0916	-1.39E-5	-2.31E-6	-4.59E-6
	CC4	-0.0028	-0.0023	-0.0894	-1.31E-5	-2.15E-6	-4.23E-6
	CC5	-0.0028	-0.0023	-0.0894	-1.31E-5	-2.15E-6	-4.23E-6
	CC6	0.0833	-0.1493	-0.0260	-4.96E-4	-9.71E-5	-7.25E-5
	CC7	0.0821	-0.1422	-0.0240	-4.72E-4	-9.24E-5	-6.96E-5
	CC8	0.0820	-0.2274	-0.0508	-7.69E-4	-1.58E-4	-6.51E-5
	CC9	0.0809	-0.2202	-0.0488	-7.45E-4	-1.53E-4	-6.22E-5
	CC10	-0.0863	0.2158	-0.1285	7.19E-4	1.49E-4	5.40E-5
	CC11	-0.0875	0.2229	-0.1266	7.43E-4	1.54E-4	5.69E-5
	CC12	-0.0876	0.1377	-0.1533	4.47E-4	8.82E-5	6.14E-5
	CC13	-0.0887	0.1449	-0.1514	4.71E-4	9.29E-5	6.43E-5
	CC14	0.0265	0.0623	-0.0349	2.23E-4	5.49E-5	-3.98E-5
	CC15	0.0230	0.0840	-0.0290	2.96E-4	6.94E-5	-3.10E-5
	CC16	-0.0244	0.1718	-0.0656	5.88E-4	1.29E-4	-1.88E-6
	CC17	-0.0279	0.1935	-0.0598	6.61E-4	1.43E-4	6.95E-6
	CC18	0.0225	-0.1979	-0.1176	-6.86E-4	-1.47E-4	-1.52E-5
	CC19	0.0190	-0.1763	-0.1117	-6.13E-4	-1.33E-4	-6.33E-6
	CC20	-0.0284	-0.0884	-0.1483	-3.22E-4	-7.36E-5	2.28E-5
	CC21	-0.0319	-0.0667	-0.1425	-2.48E-4	-5.91E-5	3.16E-5
254	CC1	0.0000	0.0000	-0.0855	-2.57E-6	1.90E-5	4.45E-7
	CC2	0.0000	0.0000	-0.0855	-2.57E-6	1.90E-5	4.45E-7
	CC3	0.0000	0.0000	-0.0855	-2.57E-6	1.90E-5	4.45E-7
	CC4	0.0000	0.0000	-0.0835	-2.38E-6	1.83E-5	4.07E-7
	CC5	0.0000	0.0000	-0.0835	-2.38E-6	1.83E-5	4.07E-7
	CC6	0.0018	-0.0056	-0.0695	-9.71E-5	-2.40E-4	-1.40E-4
	CC7	0.0017	-0.0054	-0.0696	-9.24E-5	-2.48E-4	-1.34E-4
	CC8	0.0025	-0.0077	-0.0690	-1.49E-4	-1.41E-4	-1.91E-4
	CC9	0.0024	-0.0074	-0.0690	-1.45E-4	-1.49E-4	-1.85E-4
	CC10	-0.0024	0.0075	-0.0967	1.40E-4	1.85E-4	1.85E-4
	CC11	-0.0025	0.0077	-0.0968	1.45E-4	1.78E-4	1.92E-4
	CC12	-0.0017	0.0054	-0.0962	8.78E-5	2.84E-4	1.35E-4
	CC13	-0.0018	0.0057	-0.0963	9.25E-5	2.76E-4	1.41E-4
	CC14	-0.0004	0.0011	-0.0796	4.22E-5	1.99E-4	2.66E-5
	CC15	-0.0007	0.0018	-0.0798	5.64E-5	-2.22E-4	4.57E-5
	CC16	-0.0017	0.0050	-0.0877	1.13E-4	-7.16E-5	1.24E-4
	CC17	-0.0020	0.0058	-0.0880	1.28E-4	-9.41E-5	1.43E-4
	CC18	0.0019	-0.0057	-0.0778	-1.32E-4	1.30E-4	-1.43E-4
	CC19	0.0017	-0.0050	-0.0780	-1.18E-4	1.08E-4	-1.23E-4
	CC20	0.0007	-0.0018	-0.0859	-6.10E-5	2.58E-4	-4.49E-5
	CC21	0.0004	-0.0010	-0.0862	-4.68E-5	2.35E-4	-2.58E-5
255	CC1	-0.0032	-0.0018	-0.0905	-9.37E-6	2.55E-6	-1.13E-6
	CC2	-0.0032	-0.0018	-0.0905	-9.37E-6	2.55E-6	-1.13E-6
	CC3	-0.0032	-0.0018	-0.0905	-9.37E-6	2.55E-6	-1.13E-6
	CC4	-0.0030	-0.0017	-0.0884	-8.75E-6	2.48E-6	-1.14E-6
	CC5	-0.0030	-0.0017	-0.0884	-8.75E-6	2.48E-6	-1.14E-6
	CC6	0.0561	-0.1121	-0.0252	-4.69E-4	-3.04E-4	-5.70E-5
	CC7	0.0554	-0.1068	-0.0234	-4.46E-4	-2.98E-4	-5.47E-5
	CC8	0.0542	-0.1671	-0.0494	-7.15E-4	-3.20E-4	-5.18E-5
	CC9	0.0534	-0.1618	-0.0476	-6.93E-4	-3.15E-4	-4.95E-5
	CC10	-0.0593	0.1586	-0.1277	6.75E-4	3.19E-4	4.72E-5
	CC11	-0.0600	0.1639	-0.1259	6.98E-4	3.25E-4	4.95E-5
	CC12	-0.0612	0.1036	-0.1519	4.29E-4	3.03E-4	5.24E-5
	CC13	-0.0620	0.1089	-0.1501	4.52E-4	3.09E-4	5.47E-5
	CC14	0.0188	0.0415	-0.0346	1.96E-4	-7.20E-5	-2.90E-5
	CC15	0.0166	0.0576	-0.0293	2.65E-4	-5.60E-5	-2.19E-5

	CC16	-0.0158	0.1227	-0.0654	5.40E-4	1.15E-4	2.30E-6
	CC17	-0.0180	0.1388	-0.0601	6.08E-4	1.31E-4	9.40E-6
	CC18	0.0122	-0.1420	-0.1152	-6.25E-4	-1.26E-4	-1.17E-5
	CC19	0.0100	-0.1259	-0.1099	-5.57E-4	-1.10E-4	-4.58E-6
	CC20	-0.0224	-0.0608	-0.1460	-2.82E-4	6.09E-5	1.96E-5
	CC21	-0.0246	-0.0447	-0.1407	-2.13E-4	7.69E-5	2.67E-5
256	CC1	-0.0026	-0.0010	-0.0895	-6.68E-6	1.03E-5	-1.24E-6
	CC2	-0.0026	-0.0010	-0.0895	-6.68E-6	1.03E-5	-1.24E-6
	CC3	-0.0026	-0.0010	-0.0895	-6.68E-6	1.03E-5	-1.24E-6
	CC4	-0.0024	-0.0010	-0.0874	-6.16E-6	9.66E-6	-1.26E-6
	CC5	-0.0024	-0.0010	-0.0874	-6.16E-6	9.66E-6	-1.26E-6
	CC6	0.0316	-0.0745	-0.0369	-3.99E-4	-2.58E-4	-9.24E-5
	CC7	0.0312	-0.0710	-0.0356	-3.79E-4	-2.55E-4	-8.84E-5
	CC8	0.0296	-0.1097	-0.0556	-6.09E-4	-2.49E-4	-1.13E-4
	CC9	0.0292	-0.1062	-0.0542	-5.90E-4	-2.46E-4	-1.09E-4
	CC10	-0.0340	0.1043	-0.1191	5.78E-4	2.65E-4	1.06E-4
	CC11	-0.0343	0.1078	-0.1178	5.97E-4	2.68E-4	1.10E-4
	CC12	-0.0360	0.0691	-0.1378	3.67E-4	2.74E-4	8.59E-5
	CC13	-0.0363	0.0726	-0.1364	3.87E-4	2.77E-4	8.99E-5
	CC14	0.0113	0.0257	-0.0453	1.69E-4	-8.91E-5	-3.50E-6
	CC15	0.0102	0.0363	-0.0412	2.27E-4	-8.00E-5	8.72E-6
	CC16	-0.0083	0.0793	-0.0700	4.62E-4	6.80E-5	5.60E-5
	CC17	-0.0095	0.0899	-0.0659	5.20E-4	7.70E-5	6.83E-5
	CC18	0.0047	-0.0918	-0.1075	-5.32E-4	-5.82E-5	-7.08E-5
	CC19	0.0036	-0.0812	-0.1034	-4.74E-4	-4.91E-5	-5.86E-5
	CC20	-0.0149	-0.0382	-0.1321	-2.39E-4	9.89E-5	-1.12E-5
	CC21	-0.0161	-0.0276	-0.1281	-1.81E-4	1.08E-4	9.73E-7
257	CC1	-0.0015	-0.0005	-0.0883	-7.19E-6	1.32E-5	-5.55E-7
	CC2	-0.0015	-0.0005	-0.0883	-7.19E-6	1.32E-5	-5.55E-7
	CC3	-0.0015	-0.0005	-0.0883	-7.19E-6	1.32E-5	-5.55E-7
	CC4	-0.0015	-0.0004	-0.0862	-6.76E-6	1.22E-5	-5.98E-7
	CC5	-0.0015	-0.0004	-0.0862	-6.76E-6	1.22E-5	-5.98E-7
	CC6	0.0127	-0.0413	-0.0492	-3.98E-4	-1.73E-4	-1.37E-4
	CC7	0.0126	-0.0394	-0.0482	-3.79E-4	-1.69E-4	-1.31E-4
	CC8	0.0109	-0.0597	-0.0621	-5.91E-4	-1.86E-4	-1.85E-4
	CC9	0.0108	-0.0578	-0.0612	-5.73E-4	-1.82E-4	-1.79E-4
	CC10	-0.0137	0.0570	-0.1099	5.59E-4	2.06E-4	1.77E-4
	CC11	-0.0138	0.0589	-0.1089	5.78E-4	2.09E-4	1.84E-4
	CC12	-0.0155	0.0386	-0.1228	3.66E-4	1.93E-4	1.29E-4
	CC13	-0.0156	0.0405	-0.1219	3.85E-4	1.97E-4	1.36E-4
	CC14	0.0057	0.0126	-0.0562	1.44E-4	-3.05E-5	2.29E-5
	CC15	0.0054	0.0184	-0.0535	2.00E-4	-1.86E-5	4.15E-5
	CC16	-0.0022	0.0421	-0.0744	4.31E-4	8.32E-5	1.17E-4
	CC17	-0.0025	0.0479	-0.0717	4.88E-4	9.51E-5	1.36E-4
	CC18	-0.0004	-0.0488	-0.0994	-5.01E-4	-7.13E-5	-1.37E-4
	CC19	-0.0006	-0.0429	-0.0966	-4.44E-4	-5.94E-5	-1.18E-4
	CC20	-0.0083	-0.0193	-0.1176	-2.14E-4	4.24E-5	-4.27E-5
	CC21	-0.0085	-0.0134	-0.1148	-1.57E-4	5.43E-5	-2.41E-5
258	CC1	-0.0018	-0.0021	-0.0882	-1.25E-5	-2.67E-6	-4.30E-6
	CC2	-0.0018	-0.0021	-0.0882	-1.25E-5	-2.67E-6	-4.30E-6
	CC3	-0.0018	-0.0021	-0.0882	-1.25E-5	-2.67E-6	-4.30E-6
	CC4	-0.0017	-0.0020	-0.0863	-1.17E-5	-2.52E-6	-3.91E-6
	CC5	-0.0017	-0.0020	-0.0863	-1.17E-5	-2.52E-6	-3.91E-6
	CC6	0.0761	-0.1490	-0.0156	-4.97E-4	-9.97E-5	-7.22E-5
	CC7	0.0758	-0.1419	-0.0191	-4.73E-4	-9.48E-5	-6.93E-5
	CC8	0.0778	-0.2271	0.0248	-7.81E-4	-1.63E-4	-6.48E-5
	CC9	0.0775	-0.2199	0.0213	-7.56E-4	-1.58E-4	-6.19E-5
	CC10	-0.0808	0.2161	-0.1925	7.33E-4	1.53E-4	5.43E-5
	CC11	-0.0812	0.2232	-0.1960	7.58E-4	1.58E-4	5.72E-5
	CC12	-0.0791	0.1380	-0.1521	4.50E-4	8.98E-5	6.17E-5
	CC13	-0.0794	0.1452	-0.1556	4.75E-4	9.47E-5	6.46E-5
	CC14	0.0195	0.0626	-0.1211	2.39E-4	5.76E-5	-3.95E-5
	CC15	0.0185	0.0843	-0.1318	3.13E-4	7.24E-5	-3.07E-5
	CC16	-0.0276	0.1721	-0.1742	6.08E-4	1.33E-4	-1.55E-6
	CC17	-0.0286	0.1938	-0.1849	6.82E-4	1.48E-4	7.28E-6
	CC18	0.0252	-0.1976	0.0136	-7.05E-4	-1.53E-4	-1.48E-5
	CC19	0.0243	-0.1760	0.0030	-6.31E-4	-1.38E-4	-6.00E-6
	CC20	-0.0218	-0.0881	-0.0394	-3.35E-4	-7.73E-5	2.31E-5
	CC21	-0.0228	-0.0664	-0.0501	-2.62E-4	-6.25E-5	3.20E-5
259	CC1	0.0000	0.0000	-0.0850	-2.86E-6	9.19E-6	1.12E-6
	CC2	0.0000	0.0000	-0.0850	-2.86E-6	9.19E-6	1.12E-6
	CC3	0.0000	0.0000	-0.0850	-2.86E-6	9.19E-6	1.12E-6

	CC4	0.0000	0.0000	-0.0831	-2.73E-6	9.09E-6	1.08E-6
	CC5	0.0000	0.0000	-0.0831	-2.73E-6	9.09E-6	1.08E-6
	CC6	-0.0005	-0.0057	-0.0545	9.69E-5	-1.59E-4	-1.34E-4
	CC7	-0.0004	-0.0054	-0.0558	1.00E-4	-1.52E-4	-1.27E-4
	CC8	-0.0007	-0.0078	-0.0394	5.94E-5	-2.36E-4	-1.82E-4
	CC9	-0.0006	-0.0075	-0.0408	6.25E-5	-2.28E-4	-1.76E-4
	CC10	0.0006	0.0076	-0.1241	-6.78E-5	2.46E-4	1.78E-4
	CC11	0.0007	0.0079	-0.1254	-6.47E-5	2.54E-4	1.84E-4
	CC12	0.0004	0.0055	-0.1090	-1.05E-4	1.70E-4	1.30E-4
	CC13	0.0005	0.0058	-0.1104	-1.02E-4	1.77E-4	1.36E-4
	CC14	0.0001	0.0011	-0.0950	7.99E-5	6.46E-5	2.56E-5
	CC15	0.0002	0.0019	-0.0992	8.93E-5	8.79E-5	4.39E-5
	CC16	0.0005	0.0051	-0.1159	3.04E-5	1.86E-4	1.19E-4
	CC17	0.0005	0.0059	-0.1200	3.99E-5	2.10E-4	1.37E-4
	CC18	-0.0005	-0.0058	-0.0448	-4.52E-5	-1.91E-4	-1.35E-4
	CC19	-0.0005	-0.0050	-0.0489	-3.58E-5	-1.68E-4	-1.17E-4
	CC20	-0.0002	-0.0018	-0.0657	-9.47E-5	-6.98E-5	-4.18E-5
	CC21	-0.0001	-0.0010	-0.0698	-8.52E-5	-4.65E-5	-2.35E-5
260	CC1	-0.0018	-0.0014	-0.0878	-9.22E-6	2.39E-6	-1.21E-6
	CC2	-0.0018	-0.0014	-0.0878	-9.22E-6	2.39E-6	-1.21E-6
	CC3	-0.0018	-0.0014	-0.0878	-9.22E-6	2.39E-6	-1.21E-6
	CC4	-0.0017	-0.0013	-0.0858	-8.59E-6	2.28E-6	-1.11E-6
	CC5	-0.0017	-0.0013	-0.0858	-8.59E-6	2.28E-6	-1.11E-6
	CC6	0.0517	-0.1114	-0.0209	-4.72E-4	-2.77E-4	-6.63E-5
	CC7	0.0513	-0.1062	-0.0240	-4.50E-4	-2.78E-4	-6.34E-5
	CC8	0.0544	-0.1663	0.0138	-7.21E-4	-2.54E-4	-6.68E-5
	CC9	0.0540	-0.1610	0.0106	-6.98E-4	-2.55E-4	-6.39E-5
	CC10	-0.0574	0.1585	-0.1809	6.82E-4	2.59E-4	6.18E-5
	CC11	-0.0578	0.1638	-0.1841	7.04E-4	2.58E-4	6.46E-5
	CC12	-0.0547	0.1037	-0.1462	4.33E-4	2.83E-4	6.13E-5
	CC13	-0.0551	0.1089	-0.1494	4.56E-4	2.82E-4	6.41E-5
	CC14	0.0108	0.0416	-0.1141	1.99E-4	-1.15E-4	-2.38E-5
	CC15	0.0096	0.0576	-0.1237	2.68E-4	-1.19E-4	-1.51E-5
	CC16	-0.0219	0.1226	-0.1621	5.45E-4	4.56E-5	1.47E-5
	CC17	-0.0231	0.1386	-0.1717	6.14E-4	4.24E-5	2.33E-5
	CC18	0.0197	-0.1411	0.0014	-6.31E-4	-3.79E-5	-2.54E-5
	CC19	0.0186	-0.1251	-0.0082	-5.62E-4	-4.11E-5	-1.68E-5
	CC20	-0.0130	-0.0601	-0.0466	-2.85E-4	1.23E-4	1.30E-5
	CC21	-0.0142	-0.0441	-0.0562	-2.16E-4	1.20E-4	2.16E-5
261	CC1	-0.0014	-0.0007	-0.0873	-7.55E-6	6.00E-6	-2.27E-7
	CC2	-0.0014	-0.0007	-0.0873	-7.55E-6	6.00E-6	-2.27E-7
	CC3	-0.0014	-0.0007	-0.0873	-7.55E-6	6.00E-6	-2.27E-7
	CC4	-0.0014	-0.0006	-0.0853	-7.06E-6	5.71E-6	-1.60E-7
	CC5	-0.0014	-0.0006	-0.0853	-7.06E-6	5.71E-6	-1.60E-7
	CC6	0.0297	-0.0739	-0.0288	-3.93E-4	-2.37E-4	-9.45E-5
	CC7	0.0293	-0.0704	-0.0315	-3.74E-4	-2.36E-4	-9.02E-5
	CC8	0.0329	-0.1090	0.0007	-6.00E-4	-2.40E-4	-1.17E-4
	CC9	0.0326	-0.1055	-0.0020	-5.81E-4	-2.39E-4	-1.12E-4
	CC10	-0.0352	0.1043	-0.1672	5.67E-4	2.51E-4	1.12E-4
	CC11	-0.0356	0.1078	-0.1700	5.86E-4	2.52E-4	1.16E-4
	CC12	-0.0320	0.0692	-0.1377	3.60E-4	2.47E-4	9.00E-5
	CC13	-0.0323	0.0727	-0.1405	3.79E-4	2.48E-4	9.42E-5
	CC14	0.0035	0.0259	-0.1089	1.65E-4	-6.29E-5	-7.23E-7
	CC15	0.0024	0.0365	-0.1171	2.23E-4	-6.02E-5	1.22E-5
	CC16	-0.0159	0.0794	-0.1504	4.54E-4	8.33E-5	6.13E-5
	CC17	-0.0171	0.0899	-0.1587	5.11E-4	8.60E-5	7.42E-5
	CC18	0.0144	-0.0911	-0.0106	-5.24E-4	-7.48E-5	-7.45E-5
	CC19	0.0133	-0.0805	-0.0188	-4.67E-4	-7.20E-5	-6.15E-5
	CC20	-0.0050	-0.0377	-0.0521	-2.36E-4	7.14E-5	-1.25E-5
	CC21	-0.0062	-0.0271	-0.0604	-1.79E-4	7.42E-5	4.47E-7
262	CC1	-0.0008	-0.0002	-0.0866	-2.93E-6	7.27E-6	1.36E-6
	CC2	-0.0008	-0.0002	-0.0866	-2.93E-6	7.27E-6	1.36E-6
	CC3	-0.0008	-0.0002	-0.0866	-2.93E-6	7.27E-6	1.36E-6
	CC4	-0.0008	-0.0001	-0.0846	-2.56E-6	6.90E-6	1.36E-6
	CC5	-0.0008	-0.0001	-0.0846	-2.56E-6	6.90E-6	1.36E-6
	CC6	0.0129	-0.0409	-0.0368	-4.00E-4	-1.51E-4	-1.31E-4
	CC7	0.0126	-0.0389	-0.0391	-3.81E-4	-1.50E-4	-1.24E-4
	CC8	0.0160	-0.0592	-0.0122	-5.95E-4	-1.49E-4	-1.76E-4
	CC9	0.0156	-0.0573	-0.0145	-5.76E-4	-1.48E-4	-1.70E-4
	CC10	-0.0172	0.0570	-0.1534	5.71E-4	1.62E-4	1.73E-4
	CC11	-0.0176	0.0589	-0.1557	5.90E-4	1.62E-4	1.79E-4
	CC12	-0.0142	0.0387	-0.1289	3.76E-4	1.64E-4	1.27E-4

	CC13	-0.0145	0.0406	-0.1312	3.95E-4	1.64E-4	1.33E-4
	CC14	-0.0008	0.0128	-0.1039	1.48E-4	-4.36E-5	2.28E-5
	CC15	-0.0018	0.0186	-0.1108	2.06E-4	-4.27E-5	4.11E-5
	CC16	-0.0099	0.0422	-0.1388	4.39E-4	5.02E-5	1.14E-4
	CC17	-0.0109	0.0480	-0.1458	4.97E-4	5.11E-5	1.32E-4
	CC18	0.0093	-0.0483	-0.0221	-5.02E-4	-3.76E-5	-1.29E-4
	CC19	0.0083	-0.0425	-0.0291	-4.44E-4	-3.66E-5	-1.11E-4
	CC20	0.0002	-0.0189	-0.0571	-2.10E-4	5.62E-5	-3.84E-5
	CC21	-0.0008	-0.0131	-0.0641	-1.53E-4	5.72E-5	-2.01E-5
263	CC1	-0.0010	-0.0027	-0.1068	-1.98E-5	7.22E-6	1.67E-6
	CC2	-0.0010	-0.0027	-0.1068	-1.98E-5	7.22E-6	1.67E-6
	CC3	-0.0010	-0.0027	-0.1068	-1.98E-5	7.22E-6	1.67E-6
	CC4	-0.0009	-0.0025	-0.1029	-1.86E-5	6.56E-6	1.56E-6
	CC5	-0.0009	-0.0025	-0.1029	-1.86E-5	6.56E-6	1.56E-6
	CC6	0.0848	-0.0076	-0.0502	-2.15E-6	1.51E-4	-6.69E-5
	CC7	0.0837	-0.0065	-0.0506	1.35E-6	1.49E-4	-6.40E-5
	CC8	0.0837	-0.1011	-0.0561	-4.19E-4	1.49E-4	-5.95E-5
	CC9	0.0826	-0.1000	-0.0565	-4.15E-4	1.47E-4	-5.66E-5
	CC10	-0.0843	0.0951	-0.1467	3.79E-4	-1.34E-4	5.96E-5
	CC11	-0.0854	0.0962	-0.1471	3.82E-4	-1.36E-4	6.25E-5
	CC12	-0.0854	0.0016	-0.1526	-3.77E-5	-1.36E-4	6.70E-5
	CC13	-0.0865	0.0027	-0.1530	-3.42E-5	-1.38E-4	6.99E-5
	CC14	0.0281	0.1362	-0.0767	6.14E-4	5.56E-5	-3.42E-5
	CC15	0.0247	0.1395	-0.0779	6.24E-4	4.92E-5	-2.54E-5
	CC16	-0.0226	0.1670	-0.1056	7.28E-4	-3.00E-5	3.75E-6
	CC17	-0.0260	0.1703	-0.1069	7.39E-4	-3.64E-5	1.26E-5
	CC18	0.0243	-0.1752	-0.0963	-7.75E-4	4.91E-5	-9.53E-6
	CC19	0.0209	-0.1719	-0.0976	-7.64E-4	4.26E-5	-7.03E-7
	CC20	-0.0264	-0.1444	-0.1253	-6.61E-4	-3.65E-5	2.84E-5
	CC21	-0.0298	-0.1411	-0.1265	-6.50E-4	-4.29E-5	3.73E-5
264	CC1	-0.0008	-0.0029	-0.1059	-1.91E-5	1.96E-6	1.11E-6
	CC2	-0.0008	-0.0029	-0.1059	-1.91E-5	1.96E-6	1.11E-6
	CC3	-0.0008	-0.0029	-0.1059	-1.91E-5	1.96E-6	1.11E-6
	CC4	-0.0008	-0.0027	-0.1021	-1.79E-5	1.69E-6	9.99E-7
	CC5	-0.0008	-0.0027	-0.1021	-1.79E-5	1.69E-6	9.99E-7
	CC6	0.0850	0.0032	-0.0536	4.13E-5	-1.88E-4	-6.75E-5
	CC7	0.0838	0.0038	-0.0540	4.30E-5	-1.85E-4	-6.45E-5
	CC8	0.0838	-0.0915	-0.0597	-3.83E-4	-1.89E-4	-6.01E-5
	CC9	0.0827	-0.0908	-0.0601	-3.81E-4	-1.86E-4	-5.71E-5
	CC10	-0.0842	0.0855	-0.1416	3.46E-4	1.89E-4	5.91E-5
	CC11	-0.0853	0.0861	-0.1420	3.48E-4	1.92E-4	6.20E-5
	CC12	-0.0853	-0.0091	-0.1477	-7.80E-5	1.88E-4	6.65E-5
	CC13	-0.0864	-0.0085	-0.1480	-7.63E-5	1.91E-4	6.94E-5
	CC14	0.0282	0.1417	-0.0770	6.41E-4	-5.70E-5	-3.48E-5
	CC15	0.0248	0.1437	-0.0781	6.46E-4	-4.90E-5	-2.59E-5
	CC16	-0.0225	0.1664	-0.1034	7.32E-4	5.60E-5	3.19E-6
	CC17	-0.0259	0.1684	-0.1045	7.37E-4	6.40E-5	1.20E-5
	CC18	0.0244	-0.1737	-0.0972	-7.72E-4	-6.08E-5	-1.01E-5
	CC19	0.0210	-0.1718	-0.0983	-7.67E-4	-5.28E-5	-1.26E-6
	CC20	-0.0263	-0.1490	-0.1236	-6.81E-4	5.22E-5	2.79E-5
	CC21	-0.0297	-0.1471	-0.1247	-6.76E-4	6.02E-5	3.67E-5
265	CC1	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	2.29E-1
	CC2	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	2.29E-1
	CC3	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	2.29E-1
	CC4	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	2.24E-1
	CC5	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	2.24E-1
	CC6	0.0000	0.0000	-0.0677	0.00E+0	0.00E+0	6.46E-9
	CC7	0.0000	0.0000	-0.0678	0.00E+0	0.00E+0	6.73E-9
	CC8	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	5.20E-9
	CC9	0.0000	0.0000	-0.0728	0.00E+0	0.00E+0	5.47E-9
	CC10	0.0000	0.0000	-0.1157	0.00E+0	0.00E+0	-5.03E-9
	CC11	0.0000	0.0000	-0.1158	0.00E+0	0.00E+0	-4.76E-9
	CC12	0.0000	0.0000	-0.1207	0.00E+0	0.00E+0	-6.29E-9
	CC13	0.0000	0.0000	-0.1207	0.00E+0	0.00E+0	-6.01E-9
	CC14	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	3.63E-9
	CC15	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	4.45E-9
	CC16	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	1.84E-1
	CC17	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	1.01E-9
	CC18	0.0000	0.0000	-0.0952	0.00E+0	0.00E+0	-5.64E-1
	CC19	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	2.60E-1
	CC20	0.0000	0.0000	-0.1096	0.00E+0	0.00E+0	-4.01E-9
	CC21	0.0000	0.0000	-0.1098	0.00E+0	0.00E+0	-3.19E-9

266	CC1	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.25E-1
	CC2	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.25E-1
	CC3	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.25E-1
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.26E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.26E-1
	CC6	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	1.24E-8
	CC7	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	1.18E-8
	CC8	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	1.79E-8
	CC9	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	1.73E-8
	CC10	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	-1.70E-8
	CC11	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	-1.76E-8
	CC12	0.0000	0.0000	-0.1165	0.00E+0	0.00E+0	-1.16E-8
	CC13	0.0000	0.0000	-0.1166	0.00E+0	0.00E+0	-1.21E-8
	CC14	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	-3.67E-9
	CC15	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	-5.45E-9
	CC16	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	-1.25E-8
	CC17	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	-1.43E-8
	CC18	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	1.45E-8
	CC19	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	1.27E-8
	CC20	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	5.71E-9
	CC21	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	3.92E-9
267	CC1	-0.0004	-0.0010	-0.1056	-1.21E-5	5.57E-6	1.51E-6
	CC2	-0.0004	-0.0010	-0.1056	-1.21E-5	5.57E-6	1.51E-6
	CC3	-0.0004	-0.0010	-0.1056	-1.21E-5	5.57E-6	1.51E-6
	CC4	-0.0004	-0.0010	-0.1017	-1.13E-5	5.07E-6	1.45E-6
	CC5	-0.0004	-0.0010	-0.1017	-1.13E-5	5.07E-6	1.45E-6
	CC6	0.0646	-0.0113	-0.0550	-5.42E-5	-2.93E-4	-5.02E-5
	CC7	0.0638	-0.0104	-0.0554	-4.87E-5	-2.89E-4	-4.80E-5
	CC8	0.0637	-0.0695	-0.0606	-4.31E-4	-2.90E-4	-4.50E-5
	CC9	0.0628	-0.0685	-0.0609	-4.25E-4	-2.86E-4	-4.29E-5
	CC10	-0.0636	0.0666	-0.1400	4.03E-4	2.96E-4	4.57E-5
	CC11	-0.0644	0.0676	-0.1403	4.09E-4	3.00E-4	4.79E-5
	CC12	-0.0645	0.0085	-0.1455	2.66E-5	2.99E-4	5.09E-5
	CC13	-0.0654	0.0094	-0.1458	3.21E-5	3.03E-4	5.31E-5
	CC14	0.0217	0.0828	-0.0780	5.40E-4	-9.56E-5	-2.49E-5
	CC15	0.0192	0.0858	-0.0789	5.56E-4	-8.36E-5	-1.82E-5
	CC16	-0.0167	0.1062	-0.1034	6.77E-4	8.11E-5	3.89E-6
	CC17	-0.0193	0.1092	-0.1044	6.94E-4	9.31E-5	1.06E-5
	CC18	0.0186	-0.1111	-0.0964	-7.16E-4	-8.33E-5	-7.70E-6
	CC19	0.0160	-0.1081	-0.0974	-6.99E-4	-7.13E-5	-1.03E-6
	CC20	-0.0199	-0.0877	-0.1219	-5.78E-4	9.34E-5	2.11E-5
	CC21	-0.0225	-0.0847	-0.1229	-5.62E-4	1.05E-4	2.77E-5
268	CC1	-0.0001	-0.0003	-0.1034	-5.36E-6	2.35E-6	1.05E-6
	CC2	-0.0001	-0.0003	-0.1034	-5.36E-6	2.35E-6	1.05E-6
	CC3	-0.0001	-0.0003	-0.1034	-5.36E-6	2.35E-6	1.05E-6
	CC4	-0.0001	-0.0003	-0.0996	-5.02E-6	2.27E-6	1.01E-6
	CC5	-0.0001	-0.0003	-0.0996	-5.02E-6	2.27E-6	1.01E-6
	CC6	0.0368	-0.0063	-0.0583	-5.72E-5	-3.29E-4	-3.35E-5
	CC7	0.0363	-0.0058	-0.0585	-5.22E-5	-3.25E-4	-3.20E-5
	CC8	0.0362	-0.0349	-0.0636	-3.55E-4	-3.24E-4	-3.02E-5
	CC9	0.0358	-0.0344	-0.0639	-3.50E-4	-3.20E-4	-2.87E-5
	CC10	-0.0359	0.0338	-0.1329	3.40E-4	3.24E-4	3.07E-5
	CC11	-0.0364	0.0343	-0.1332	3.45E-4	3.28E-4	3.22E-5
	CC12	-0.0365	0.0052	-0.1383	4.24E-5	3.29E-4	3.40E-5
	CC13	-0.0370	0.0057	-0.1386	4.74E-5	3.33E-4	3.55E-5
	CC14	0.0125	0.0406	-0.0779	4.25E-4	-1.10E-4	-1.64E-5
	CC15	0.0110	0.0421	-0.0787	4.40E-4	-9.73E-5	-1.19E-5
	CC16	-0.0093	0.0526	-0.1003	5.44E-4	8.56E-5	2.87E-6
	CC17	-0.0108	0.0542	-0.1011	5.59E-4	9.86E-5	7.33E-6
	CC18	0.0106	-0.0547	-0.0958	-5.69E-4	-9.41E-5	-5.34E-6
	CC19	0.0092	-0.0532	-0.0965	-5.54E-4	-8.11E-5	-8.85E-7
	CC20	-0.0112	-0.0427	-0.1182	-4.50E-4	1.02E-4	1.39E-5
	CC21	-0.0127	-0.0411	-0.1189	-4.35E-4	1.15E-4	1.84E-5
269	CC1	0.0000	0.0000	-0.1011	-1.31E-6	6.34E-7	5.41E-7
	CC2	0.0000	0.0000	-0.1011	-1.31E-6	6.34E-7	5.41E-7
	CC3	0.0000	0.0000	-0.1011	-1.31E-6	6.34E-7	5.41E-7
	CC4	0.0000	0.0000	-0.0975	-1.23E-6	7.19E-7	5.17E-7
	CC5	0.0000	0.0000	-0.0975	-1.23E-6	7.19E-7	5.17E-7
	CC6	0.0114	-0.0019	-0.0623	-3.95E-5	-2.37E-4	-1.66E-5
	CC7	0.0112	-0.0018	-0.0625	-3.63E-5	-2.34E-4	-1.59E-5
	CC8	0.0112	-0.0097	-0.0675	-2.12E-4	-2.33E-4	-1.45E-5
	CC9	0.0110	-0.0096	-0.0677	-2.09E-4	-2.30E-4	-1.38E-5

	CC10	-0.0110	0.0095	-0.1250	2.07E-4	2.32E-4	1.48E-5
	CC11	-0.0112	0.0097	-0.1252	2.10E-4	2.35E-4	1.55E-5
	CC12	-0.0112	0.0017	-0.1302	3.39E-5	2.35E-4	1.69E-5
	CC13	-0.0114	0.0018	-0.1303	3.71E-5	2.39E-4	1.76E-5
	CC14	0.0039	0.0111	-0.0780	2.45E-4	-8.05E-5	-8.81E-6
	CC15	0.0034	0.0115	-0.0786	2.55E-4	-7.11E-5	-6.61E-6
	CC16	-0.0028	0.0145	-0.0968	3.19E-4	6.02E-5	6.06E-7
	CC17	-0.0033	0.0150	-0.0974	3.29E-4	6.95E-5	2.80E-6
	CC18	0.0033	-0.0150	-0.0953	-3.31E-4	-6.80E-5	-1.78E-6
	CC19	0.0028	-0.0146	-0.0958	-3.21E-4	-5.87E-5	4.14E-7
	CC20	-0.0034	-0.0116	-0.1141	-2.57E-4	7.26E-5	7.63E-6
	CC21	-0.0039	-0.0112	-0.1146	-2.48E-4	8.19E-5	9.83E-6
270	CC1	-0.0007	-0.0015	-0.1043	-1.34E-5	2.14E-6	2.00E-7
	CC2	-0.0007	-0.0015	-0.1043	-1.34E-5	2.14E-6	2.00E-7
	CC3	-0.0007	-0.0015	-0.1043	-1.34E-5	2.14E-6	2.00E-7
	CC4	-0.0006	-0.0014	-0.1006	-1.26E-5	1.92E-6	1.56E-7
	CC5	-0.0006	-0.0014	-0.1006	-1.26E-5	1.92E-6	1.56E-7
	CC6	0.0597	0.0049	-0.0760	4.41E-5	-2.99E-4	-4.75E-5
	CC7	0.0589	0.0052	-0.0761	4.54E-5	-2.95E-4	-4.54E-5
	CC8	0.0588	-0.0548	-0.0819	-3.44E-4	-2.95E-4	-4.49E-5
	CC9	0.0580	-0.0545	-0.0819	-3.43E-4	-2.91E-4	-4.28E-5
	CC10	-0.0591	0.0518	-0.1168	3.19E-4	2.95E-4	4.31E-5
	CC11	-0.0599	0.0520	-0.1168	3.20E-4	2.99E-4	4.52E-5
	CC12	-0.0601	-0.0079	-0.1227	-6.99E-5	2.98E-4	4.57E-5
	CC13	-0.0608	-0.0077	-0.1227	-6.87E-5	3.02E-4	4.78E-5
	CC14	0.0200	0.0907	-0.0834	5.92E-4	-9.90E-5	-2.09E-5
	CC15	0.0176	0.0915	-0.0835	5.96E-4	-8.70E-5	-1.47E-5
	CC16	-0.0157	0.1048	-0.0957	6.75E-4	7.91E-5	6.24E-6
	CC17	-0.0180	0.1056	-0.0958	6.78E-4	9.11E-5	1.25E-5
	CC18	0.0169	-0.1083	-0.1029	-7.03E-4	-8.74E-5	-1.22E-5
	CC19	0.0145	-0.1075	-0.1030	-6.99E-4	-7.54E-5	-5.95E-6
	CC20	-0.0188	-0.0943	-0.1152	-6.21E-4	9.07E-5	1.50E-5
	CC21	-0.0211	-0.0935	-0.1153	-6.17E-4	1.03E-4	2.12E-5
271	CC1	-0.0004	-0.0006	-0.1026	-7.66E-6	3.22E-6	7.14E-8
	CC2	-0.0004	-0.0006	-0.1026	-7.66E-6	3.22E-6	7.14E-8
	CC3	-0.0004	-0.0006	-0.1026	-7.66E-6	3.22E-6	7.14E-8
	CC4	-0.0004	-0.0006	-0.0990	-7.15E-6	2.94E-6	4.82E-8
	CC5	-0.0004	-0.0006	-0.0990	-7.15E-6	2.94E-6	4.82E-8
	CC6	0.0345	0.0020	-0.0770	2.53E-5	-2.81E-4	-2.87E-5
	CC7	0.0340	0.0021	-0.0770	2.67E-5	-2.77E-4	-2.74E-5
	CC8	0.0339	-0.0273	-0.0826	-2.81E-4	-2.77E-4	-2.94E-5
	CC9	0.0334	-0.0271	-0.0826	-2.79E-4	-2.73E-4	-2.82E-5
	CC10	-0.0342	0.0260	-0.1131	2.65E-4	2.79E-4	2.83E-5
	CC11	-0.0347	0.0262	-0.1130	2.67E-4	2.82E-4	2.95E-5
	CC12	-0.0348	-0.0032	-0.1186	-4.07E-5	2.83E-4	2.75E-5
	CC13	-0.0353	-0.0031	-0.1186	-3.93E-5	2.87E-4	2.88E-5
	CC14	0.0116	0.0444	-0.0832	4.65E-4	-9.37E-5	-9.14E-6
	CC15	0.0102	0.0448	-0.0832	4.69E-4	-8.26E-5	-5.30E-6
	CC16	-0.0090	0.0516	-0.0940	5.37E-4	7.41E-5	7.94E-6
	CC17	-0.0104	0.0521	-0.0940	5.41E-4	8.53E-5	1.18E-5
	CC18	0.0096	-0.0532	-0.1017	-5.55E-4	-7.96E-5	-1.17E-5
	CC19	0.0082	-0.0527	-0.1016	-5.51E-4	-6.84E-5	-7.86E-6
	CC20	-0.0110	-0.0459	-0.1125	-4.83E-4	8.83E-5	5.38E-6
	CC21	-0.0124	-0.0455	-0.1125	-4.79E-4	9.94E-5	9.22E-6
272	CC1	-0.0002	-0.0001	-0.1009	-3.27E-6	3.43E-6	1.55E-8
	CC2	-0.0002	-0.0001	-0.1009	-3.27E-6	3.43E-6	1.55E-8
	CC3	-0.0002	-0.0001	-0.1009	-3.27E-6	3.43E-6	1.55E-8
	CC4	-0.0002	-0.0001	-0.0974	-3.04E-6	3.14E-6	6.40E-9
	CC5	-0.0002	-0.0001	-0.0974	-3.04E-6	3.14E-6	6.40E-9
	CC6	0.0120	0.0005	-0.0777	1.10E-5	-2.28E-4	-1.28E-5
	CC7	0.0118	0.0005	-0.0777	1.20E-5	-2.25E-4	-1.22E-5
	CC8	0.0118	-0.0075	-0.0829	-1.66E-4	-2.24E-4	-1.44E-5
	CC9	0.0116	-0.0075	-0.0829	-1.65E-4	-2.21E-4	-1.38E-5
	CC10	-0.0119	0.0072	-0.1095	1.59E-4	2.27E-4	1.38E-5
	CC11	-0.0121	0.0073	-0.1095	1.60E-4	2.30E-4	1.44E-5
	CC12	-0.0121	-0.0007	-0.1148	-1.79E-5	2.31E-4	1.22E-5
	CC13	-0.0123	-0.0007	-0.1147	-1.70E-5	2.34E-4	1.28E-5
	CC14	0.0041	0.0121	-0.0827	2.68E-4	-7.66E-5	-2.24E-6
	CC15	0.0036	0.0122	-0.0826	2.71E-4	-6.76E-5	-4.96E-7
	CC16	-0.0031	0.0142	-0.0923	3.13E-4	5.99E-5	5.75E-6
	CC17	-0.0036	0.0143	-0.0922	3.15E-4	6.89E-5	7.49E-6
	CC18	0.0033	-0.0145	-0.1002	-3.21E-4	-6.28E-5	-7.48E-6

	CC19	0.0028	-0.0144	-0.1001	-3.19E-4	-5.38E-5	-5.74E-6
	CC20	-0.0039	-0.0125	-0.1098	-2.77E-4	7.37E-5	5.03E-7
	CC21	-0.0043	-0.0124	-0.1097	-2.74E-4	8.27E-5	2.24E-6
273	CC1	-0.0006	-0.0029	-0.1063	-1.83E-5	-6.21E-6	-1.88E-6
	CC2	-0.0006	-0.0029	-0.1063	-1.83E-5	-6.21E-6	-1.88E-6
	CC3	-0.0006	-0.0029	-0.1063	-1.83E-5	-6.21E-6	-1.88E-6
	CC4	-0.0005	-0.0027	-0.1025	-1.72E-5	-5.84E-6	-1.80E-6
	CC5	-0.0005	-0.0027	-0.1025	-1.72E-5	-5.84E-6	-1.80E-6
	CC6	0.0852	0.0159	-0.0896	9.97E-5	-1.39E-4	-7.02E-5
	CC7	0.0841	0.0160	-0.0895	9.91E-5	-1.37E-4	-6.73E-5
	CC8	0.0841	-0.0801	-0.0956	-3.38E-4	-1.41E-4	-6.28E-5
	CC9	0.0829	-0.0800	-0.0955	-3.39E-4	-1.39E-4	-5.99E-5
	CC10	-0.0839	0.0747	-0.1070	3.05E-4	1.27E-4	5.63E-5
	CC11	-0.0850	0.0748	-0.1068	3.05E-4	1.29E-4	5.92E-5
	CC12	-0.0850	-0.0213	-0.1130	-1.33E-4	1.26E-4	6.37E-5
	CC13	-0.0862	-0.0212	-0.1128	-1.33E-4	1.27E-4	6.66E-5
	CC14	0.0285	0.1484	-0.0889	6.83E-4	-4.52E-5	-3.75E-5
	CC15	0.0251	0.1487	-0.0884	6.82E-4	-3.98E-5	-2.87E-5
	CC16	-0.0223	0.1661	-0.0941	7.45E-4	3.46E-5	4.47E-7
	CC17	-0.0257	0.1663	-0.0936	7.43E-4	4.01E-5	9.28E-6
	CC18	0.0247	-0.1716	-0.1089	-7.77E-4	-5.15E-5	-1.28E-5
	CC19	0.0213	-0.1714	-0.1084	-7.79E-4	-4.61E-5	-4.00E-6
	CC20	-0.0260	-0.1540	-0.1141	-7.15E-4	2.84E-5	2.51E-5
	CC21	-0.0294	-0.1537	-0.1136	-7.17E-4	3.38E-5	3.40E-5
274	CC1	-0.0004	-0.0027	-0.1067	-1.74E-5	-2.86E-6	-2.70E-6
	CC2	-0.0004	-0.0027	-0.1067	-1.74E-5	-2.86E-6	-2.70E-6
	CC3	-0.0004	-0.0027	-0.1067	-1.74E-5	-2.86E-6	-2.70E-6
	CC4	-0.0004	-0.0025	-0.1028	-1.63E-5	-2.75E-6	-2.59E-6
	CC5	-0.0004	-0.0025	-0.1028	-1.63E-5	-2.75E-6	-2.59E-6
	CC6	0.0853	0.0222	-0.1098	1.30E-4	-1.70E-4	-7.10E-5
	CC7	0.0842	0.0221	-0.1094	1.28E-4	-1.68E-4	-6.81E-5
	CC8	0.0842	-0.0744	-0.1156	-3.15E-4	-1.71E-4	-6.36E-5
	CC9	0.0831	-0.0746	-0.1153	-3.17E-4	-1.69E-4	-6.07E-5
	CC10	-0.0837	0.0697	-0.0879	2.85E-4	1.64E-4	5.55E-5
	CC11	-0.0849	0.0695	-0.0875	2.84E-4	1.66E-4	5.85E-5
	CC12	-0.0849	-0.0270	-0.0937	-1.60E-4	1.62E-4	6.29E-5
	CC13	-0.0860	-0.0271	-0.0934	-1.61E-4	1.65E-4	6.59E-5
	CC14	0.0286	0.1518	-0.0956	7.05E-4	-5.40E-5	-3.83E-5
	CC15	0.0252	0.1513	-0.0945	6.99E-4	-4.70E-5	-2.95E-5
	CC16	-0.0221	0.1661	-0.0890	7.52E-4	4.62E-5	-3.34E-7
	CC17	-0.0255	0.1655	-0.0880	7.46E-4	5.32E-5	8.50E-6
	CC18	0.0248	-0.1704	-0.1152	-7.78E-4	-5.86E-5	-1.36E-5
	CC19	0.0214	-0.1710	-0.1141	-7.83E-4	-5.16E-5	-4.78E-6
	CC20	-0.0259	-0.1562	-0.1086	-7.31E-4	4.15E-5	2.43E-5
	CC21	-0.0293	-0.1567	-0.1075	-7.37E-4	4.85E-5	3.32E-5
275	CC1	-0.0003	-0.0025	-0.1068	-1.79E-5	-9.09E-7	-2.46E-6
	CC2	-0.0003	-0.0025	-0.1068	-1.79E-5	-9.09E-7	-2.46E-6
	CC3	-0.0003	-0.0025	-0.1068	-1.79E-5	-9.09E-7	-2.46E-6
	CC4	-0.0002	-0.0023	-0.1030	-1.67E-5	-9.44E-7	-2.40E-6
	CC5	-0.0002	-0.0023	-0.1030	-1.67E-5	-9.44E-7	-2.40E-6
	CC6	0.0855	0.0648	-0.1236	1.56E-4	-1.63E-4	-7.08E-5
	CC7	0.0843	0.0644	-0.1230	1.53E-4	-1.61E-4	-6.79E-5
	CC8	0.0843	-0.0326	-0.1293	-2.92E-4	-1.64E-4	-6.34E-5
	CC9	0.0832	-0.0330	-0.1288	-2.95E-4	-1.62E-4	-6.05E-5
	CC10	-0.0836	0.0286	-0.0747	2.63E-4	1.60E-4	5.57E-5
	CC11	-0.0847	0.0281	-0.0742	2.60E-4	1.62E-4	5.86E-5
	CC12	-0.0847	-0.0688	-0.0804	-1.85E-4	1.59E-4	6.31E-5
	CC13	-0.0858	-0.0692	-0.0799	-1.88E-4	1.61E-4	6.60E-5
	CC14	0.0288	0.1661	-0.1004	7.19E-4	-5.03E-5	-3.81E-5
	CC15	0.0254	0.1648	-0.0987	7.11E-4	-4.35E-5	-2.93E-5
	CC16	-0.0220	0.1553	-0.0857	7.51E-4	4.66E-5	-1.53E-7
	CC17	-0.0253	0.1539	-0.0840	7.43E-4	5.34E-5	8.68E-6
	CC18	0.0250	-0.1584	-0.1195	-7.75E-4	-5.53E-5	-1.34E-5
	CC19	0.0216	-0.1597	-0.1178	-7.84E-4	-4.85E-5	-4.60E-6
	CC20	-0.0257	-0.1692	-0.1048	-7.43E-4	4.16E-5	2.45E-5
	CC21	-0.0291	-0.1706	-0.1031	-7.52E-4	4.84E-5	3.34E-5
276	CC1	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	8.77E-11
	CC2	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	8.77E-11
	CC3	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	8.77E-11
	CC4	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	9.85E-11
	CC5	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	9.85E-11
	CC6	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	2.16E-8

	CC7	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	2.06E-8
	CC8	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	2.73E-8
	CC9	0.0000	0.0000	-0.0876	0.00E+0	0.00E+0	2.63E-8
	CC10	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	-2.61E-8
	CC11	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	-2.71E-8
	CC12	0.0000	0.0000	-0.1066	0.00E+0	0.00E+0	-2.04E-8
	CC13	0.0000	0.0000	-0.1064	0.00E+0	0.00E+0	-2.14E-8
	CC14	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-7.92E-1
	CC15	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	-3.78E-9
	CC16	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	-1.51E-8
	CC17	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	-1.81E-8
	CC18	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	1.83E-8
	CC19	0.0000	0.0000	-0.0998	0.00E+0	0.00E+0	1.53E-8
	CC20	0.0000	0.0000	-0.1058	0.00E+0	0.00E+0	3.98E-9
	CC21	0.0000	0.0000	-0.1054	0.00E+0	0.00E+0	9.96E-1
277	CC1	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-4.32E-1
	CC2	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-4.32E-1
	CC3	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-4.32E-1
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-4.21E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-4.21E-1
	CC6	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	-1.64E-8
	CC7	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	-1.57E-8
	CC8	0.0000	0.0000	-0.0892	0.00E+0	0.00E+0	-1.93E-8
	CC9	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	-1.85E-8
	CC10	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	1.77E-8
	CC11	0.0000	0.0000	-0.0999	0.00E+0	0.00E+0	1.84E-8
	CC12	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	1.48E-8
	CC13	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	1.56E-8
	CC14	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	-1.84E-9
	CC15	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	3.44E-1
	CC16	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	8.39E-9
	CC17	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.06E-8
	CC18	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-1.14E-8
	CC19	0.0000	0.0000	-0.1000	0.00E+0	0.00E+0	-9.23E-9
	CC20	0.0000	0.0000	-0.1054	0.00E+0	0.00E+0	-1.18E-9
	CC21	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	1.00E-9
278	CC1	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.22E-9
	CC2	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.22E-9
	CC3	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.22E-9
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.20E-9
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.20E-9
	CC6	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	3.99E-8
	CC7	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	3.82E-8
	CC8	0.0000	0.0000	-0.1054	0.00E+0	0.00E+0	4.62E-8
	CC9	0.0000	0.0000	-0.1052	0.00E+0	0.00E+0	4.45E-8
	CC10	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-4.21E-8
	CC11	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	-4.38E-8
	CC12	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-3.58E-8
	CC13	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-3.75E-8
	CC14	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	5.60E-9
	CC15	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	3.44E-1
	CC16	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	-1.90E-8
	CC17	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	-2.43E-8
	CC18	0.0000	0.0000	-0.1054	0.00E+0	0.00E+0	2.66E-8
	CC19	0.0000	0.0000	-0.1047	0.00E+0	0.00E+0	2.14E-8
	CC20	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	2.03E-9
	CC21	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	-3.23E-9
279	CC1	-0.0002	-0.0009	-0.1051	-1.12E-5	2.15E-6	-1.28E-6
	CC2	-0.0002	-0.0009	-0.1051	-1.12E-5	2.15E-6	-1.28E-6
	CC3	-0.0002	-0.0009	-0.1051	-1.12E-5	2.15E-6	-1.28E-6
	CC4	-0.0001	-0.0008	-0.1013	-1.04E-5	1.90E-6	-1.26E-6
	CC5	-0.0001	-0.0008	-0.1013	-1.04E-5	1.90E-6	-1.26E-6
	CC6	0.0599	0.0390	-0.1331	2.39E-4	-2.98E-4	-5.05E-5
	CC7	0.0591	0.0386	-0.1324	2.36E-4	-2.94E-4	-4.84E-5
	CC8	0.0590	-0.0220	-0.1384	-1.63E-4	-2.94E-4	-4.71E-5
	CC9	0.0582	-0.0224	-0.1377	-1.66E-4	-2.90E-4	-4.50E-5
	CC10	-0.0585	0.0207	-0.0625	1.46E-4	2.93E-4	4.24E-5
	CC11	-0.0592	0.0203	-0.0618	1.43E-4	2.97E-4	4.46E-5
	CC12	-0.0593	-0.0402	-0.0678	-2.56E-4	2.97E-4	4.58E-5
	CC13	-0.0601	-0.0406	-0.0671	-2.59E-4	3.01E-4	4.79E-5
	CC14	0.0203	0.1041	-0.1029	6.77E-4	-9.91E-5	-2.40E-5
	CC15	0.0179	0.1029	-0.1007	6.68E-4	-8.72E-5	-1.76E-5

	CC16	-0.0152	0.0986	-0.0817	6.49E-4	7.82E-5	3.84E-6
	CC17	-0.0176	0.0974	-0.0795	6.40E-4	9.01E-5	1.02E-5
	CC18	0.0173	-0.0990	-0.1206	-6.61E-4	-8.65E-5	-1.28E-5
	CC19	0.0150	-0.1003	-0.1185	-6.70E-4	-7.46E-5	-6.35E-6
	CC20	-0.0182	-0.1045	-0.0995	-6.88E-4	9.08E-5	1.51E-5
	CC21	-0.0205	-0.1057	-0.0973	-6.98E-4	1.03E-4	2.15E-5
280	CC1	0.0000	-0.0002	-0.1031	-4.68E-6	2.25E-6	-9.51E-7
	CC2	0.0000	-0.0002	-0.1031	-4.68E-6	2.25E-6	-9.51E-7
	CC3	0.0000	-0.0002	-0.1031	-4.68E-6	2.25E-6	-9.51E-7
	CC4	0.0000	-0.0002	-0.0994	-4.29E-6	1.93E-6	-9.33E-7
	CC5	0.0000	-0.0002	-0.0994	-4.29E-6	1.93E-6	-9.33E-7
	CC6	0.0343	0.0196	-0.1233	2.00E-4	-2.85E-4	-3.20E-5
	CC7	0.0339	0.0195	-0.1227	1.98E-4	-2.81E-4	-3.07E-5
	CC8	0.0338	-0.0100	-0.1284	-1.13E-4	-2.81E-4	-3.15E-5
	CC9	0.0333	-0.0102	-0.1278	-1.15E-4	-2.77E-4	-3.01E-5
	CC10	-0.0333	0.0098	-0.0686	1.06E-4	2.81E-4	2.83E-5
	CC11	-0.0337	0.0096	-0.0680	1.04E-4	2.84E-4	2.96E-5
	CC12	-0.0338	-0.0199	-0.0738	-2.06E-4	2.85E-4	2.88E-5
	CC13	-0.0342	-0.0201	-0.0732	-2.08E-4	2.88E-4	3.01E-5
	CC14	0.0117	0.0510	-0.0988	5.34E-4	-9.57E-5	-1.29E-5
	CC15	0.0104	0.0505	-0.0970	5.27E-4	-8.45E-5	-8.80E-6
	CC16	-0.0086	0.0481	-0.0824	5.06E-4	7.39E-5	5.21E-6
	CC17	-0.0099	0.0475	-0.0806	4.99E-4	8.51E-5	9.29E-6
	CC18	0.0100	-0.0479	-0.1158	-5.08E-4	-8.15E-5	-1.11E-5
	CC19	0.0086	-0.0485	-0.1140	-5.14E-4	-7.03E-5	-7.06E-6
	CC20	-0.0103	-0.0509	-0.0994	-5.36E-4	8.81E-5	6.94E-6
	CC21	-0.0117	-0.0514	-0.0976	-5.42E-4	9.93E-5	1.10E-5
281	CC1	0.0001	0.0000	-0.1010	-9.35E-7	-2.28E-8	-4.79E-7
	CC2	0.0001	0.0000	-0.1010	-9.35E-7	-2.28E-8	-4.79E-7
	CC3	0.0001	0.0000	-0.1010	-9.35E-7	-2.28E-8	-4.79E-7
	CC4	0.0001	0.0000	-0.0975	-8.23E-7	-1.83E-7	-4.68E-7
	CC5	0.0001	0.0000	-0.0975	-8.23E-7	-1.83E-7	-4.68E-7
	CC6	0.0116	0.0055	-0.1121	1.20E-4	-2.22E-4	-1.51E-5
	CC7	0.0114	0.0054	-0.1116	1.19E-4	-2.19E-4	-1.44E-5
	CC8	0.0114	-0.0026	-0.1170	-5.88E-5	-2.19E-4	-1.58E-5
	CC9	0.0112	-0.0026	-0.1165	-6.00E-5	-2.16E-4	-1.52E-5
	CC10	-0.0111	0.0026	-0.0761	5.84E-5	2.15E-4	1.43E-5
	CC11	-0.0112	0.0026	-0.0756	5.73E-5	2.18E-4	1.49E-5
	CC12	-0.0113	-0.0055	-0.0810	-1.20E-4	2.19E-4	1.35E-5
	CC13	-0.0114	-0.0055	-0.0806	-1.21E-4	2.22E-4	1.41E-5
	CC14	0.0040	0.0139	-0.0942	3.08E-4	-7.61E-5	-4.58E-6
	CC15	0.0036	0.0138	-0.0928	3.05E-4	-6.75E-5	-2.63E-6
	CC16	-0.0028	0.0131	-0.0834	2.90E-4	5.52E-5	4.22E-6
	CC17	-0.0032	0.0129	-0.0820	2.86E-4	6.39E-5	6.16E-6
	CC18	0.0034	-0.0130	-0.1106	-2.88E-4	-6.43E-5	-7.09E-6
	CC19	0.0029	-0.0131	-0.1092	-2.91E-4	-5.57E-5	-5.15E-6
	CC20	-0.0034	-0.0138	-0.0998	-3.06E-4	6.70E-5	1.70E-6
	CC21	-0.0039	-0.0140	-0.0984	-3.10E-4	7.56E-5	3.65E-6
282	CC1	-0.0010	-0.0029	-0.0956	-1.53E-5	2.63E-6	1.17E-6
	CC2	-0.0010	-0.0029	-0.0956	-1.53E-5	2.63E-6	1.17E-6
	CC3	-0.0010	-0.0029	-0.0956	-1.53E-5	2.63E-6	1.17E-6
	CC4	-0.0009	-0.0027	-0.0928	-1.43E-5	2.45E-6	1.14E-6
	CC5	-0.0009	-0.0027	-0.0928	-1.43E-5	2.45E-6	1.14E-6
	CC6	0.0747	0.0093	-0.0489	3.78E-5	-2.92E-4	-6.73E-5
	CC7	0.0747	0.0096	-0.0484	3.74E-5	-2.92E-4	-6.44E-5
	CC8	0.0770	-0.0860	-0.0643	-2.06E-4	-2.89E-4	-5.99E-5
	CC9	0.0770	-0.0857	-0.0638	-2.07E-4	-2.88E-4	-5.70E-5
	CC10	-0.0788	0.0804	-0.1198	1.79E-4	2.93E-4	5.92E-5
	CC11	-0.0788	0.0808	-0.1193	1.78E-4	2.94E-4	6.21E-5
	CC12	-0.0764	-0.0149	-0.1352	-6.54E-5	2.96E-4	6.66E-5
	CC13	-0.0765	-0.0145	-0.1347	-6.58E-5	2.97E-4	6.96E-5
	CC14	0.0183	0.1449	-0.0563	3.72E-4	-9.11E-5	-3.46E-5
	CC15	0.0182	0.1461	-0.0547	3.71E-4	-9.02E-5	-2.58E-5
	CC16	-0.0277	0.1663	-0.0776	4.15E-4	8.45E-5	3.36E-6
	CC17	-0.0278	0.1674	-0.0760	4.14E-4	8.53E-5	1.22E-5
	CC18	0.0261	-0.1727	-0.1076	-4.42E-4	-8.06E-5	-9.92E-6
	CC19	0.0259	-0.1715	-0.1060	-4.43E-4	-7.97E-5	-1.09E-6
	CC20	-0.0200	-0.1513	-0.1289	-3.99E-4	9.50E-5	2.80E-5
	CC21	-0.0201	-0.1502	-0.1273	-4.00E-4	9.58E-5	3.69E-5
283	CC1	-0.0008	-0.0028	-0.0943	-1.68E-5	1.68E-6	3.05E-6
	CC2	-0.0008	-0.0028	-0.0943	-1.68E-5	1.68E-6	3.05E-6
	CC3	-0.0008	-0.0028	-0.0943	-1.68E-5	1.68E-6	3.05E-6

	CC4	-0.0008	-0.0026	-0.0915	-1.59E-5	1.46E-6	2.97E-6
	CC5	-0.0008	-0.0026	-0.0915	-1.59E-5	1.46E-6	2.97E-6
	CC6	0.0731	0.0089	-0.0526	4.99E-5	-2.98E-4	-6.55E-5
	CC7	0.0733	0.0093	-0.0521	4.97E-5	-2.99E-4	-6.26E-5
	CC8	0.0759	-0.0863	-0.0454	-2.33E-4	-3.05E-4	-5.81E-5
	CC9	0.0761	-0.0859	-0.0448	-2.33E-4	-3.06E-4	-5.52E-5
	CC10	-0.0776	0.0810	-0.1364	2.02E-4	3.09E-4	6.10E-5
	CC11	-0.0774	0.0814	-0.1359	2.02E-4	3.08E-4	6.40E-5
	CC12	-0.0747	-0.0143	-0.1292	-8.08E-5	3.02E-4	6.85E-5
	CC13	-0.0745	-0.0139	-0.1286	-8.10E-5	3.01E-4	7.14E-5
	CC14	0.0169	0.1448	-0.0910	4.33E-4	-7.67E-5	-3.28E-5
	CC15	0.0174	0.1460	-0.0893	4.32E-4	-7.88E-5	-2.40E-5
	CC16	-0.0283	0.1664	-0.1161	4.79E-4	1.05E-4	5.17E-6
	CC17	-0.0278	0.1676	-0.1145	4.78E-4	1.03E-4	1.40E-5
	CC18	0.0263	-0.1726	-0.0668	-5.09E-4	-1.00E-4	-8.11E-6
	CC19	0.0269	-0.1714	-0.0651	-5.10E-4	-1.03E-4	7.18E-7
	CC20	-0.0189	-0.1510	-0.0919	-4.63E-4	8.16E-5	2.98E-5
	CC21	-0.0183	-0.1498	-0.0903	-4.64E-4	7.95E-5	3.87E-5
284	CC1	-0.0006	-0.0026	-0.0930	-1.67E-5	-8.13E-7	2.62E-6
	CC2	-0.0006	-0.0026	-0.0930	-1.67E-5	-8.13E-7	2.62E-6
	CC3	-0.0006	-0.0026	-0.0930	-1.67E-5	-8.13E-7	2.62E-6
	CC4	-0.0005	-0.0024	-0.0903	-1.59E-5	-9.66E-7	2.54E-6
	CC5	-0.0005	-0.0024	-0.0903	-1.59E-5	-9.66E-7	2.54E-6
	CC6	0.0716	0.0085	-0.0544	1.48E-5	-2.88E-4	-6.59E-5
	CC7	0.0720	0.0089	-0.0538	1.43E-5	-2.90E-4	-6.30E-5
	CC8	0.0750	-0.0867	-0.0250	-2.47E-4	-3.00E-4	-5.85E-5
	CC9	0.0754	-0.0863	-0.0244	-2.47E-4	-3.02E-4	-5.56E-5
	CC10	-0.0764	0.0815	-0.1544	2.16E-4	3.00E-4	6.06E-5
	CC11	-0.0760	0.0819	-0.1538	2.15E-4	2.98E-4	6.35E-5
	CC12	-0.0731	-0.0136	-0.1249	-4.55E-5	2.88E-4	6.80E-5
	CC13	-0.0727	-0.0132	-0.1244	-4.60E-5	2.86E-4	7.09E-5
	CC14	0.0154	0.1447	-0.1243	3.91E-4	-6.65E-5	-3.32E-5
	CC15	0.0167	0.1459	-0.1225	3.89E-4	-7.15E-5	-2.44E-5
	CC16	-0.0290	0.1666	-0.1543	4.51E-4	1.10E-4	4.74E-6
	CC17	-0.0277	0.1678	-0.1525	4.50E-4	1.05E-4	1.36E-5
	CC18	0.0267	-0.1726	-0.0262	-4.81E-4	-1.07E-4	-8.54E-6
	CC19	0.0280	-0.1713	-0.0245	-4.82E-4	-1.12E-4	2.93E-7
	CC20	-0.0177	-0.1507	-0.0562	-4.20E-4	6.95E-5	2.94E-5
	CC21	-0.0165	-0.1494	-0.0544	-4.22E-4	6.45E-5	3.83E-5
285	CC1	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.03E-9
	CC2	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.03E-9
	CC3	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.03E-9
	CC4	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-9.83E-1
	CC5	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-9.83E-1
	CC6	0.0000	0.0000	-0.0678	0.00E+0	0.00E+0	3.56E-8
	CC7	0.0000	0.0000	-0.0675	0.00E+0	0.00E+0	3.41E-8
	CC8	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	3.23E-8
	CC9	0.0000	0.0000	-0.0641	0.00E+0	0.00E+0	3.08E-8
	CC10	0.0000	0.0000	-0.1068	0.00E+0	0.00E+0	-3.28E-8
	CC11	0.0000	0.0000	-0.1065	0.00E+0	0.00E+0	-3.42E-8
	CC12	0.0000	0.0000	-0.1034	0.00E+0	0.00E+0	-3.61E-8
	CC13	0.0000	0.0000	-0.1031	0.00E+0	0.00E+0	-3.75E-8
	CC14	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	1.70E-8
	CC15	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.26E-8
	CC16	0.0000	0.0000	-0.0975	0.00E+0	0.00E+0	-3.47E-9
	CC17	0.0000	0.0000	-0.0965	0.00E+0	0.00E+0	-7.89E-9
	CC18	0.0000	0.0000	-0.0744	0.00E+0	0.00E+0	5.96E-9
	CC19	0.0000	0.0000	-0.0734	0.00E+0	0.00E+0	1.54E-9
	CC20	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-1.45E-8
	CC21	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	-1.90E-8
286	CC1	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	3.19E-1
	CC2	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	3.19E-1
	CC3	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	3.19E-1
	CC4	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	3.03E-1
	CC5	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	3.03E-1
	CC6	0.0000	0.0000	-0.0689	0.00E+0	0.00E+0	9.57E-9
	CC7	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	9.97E-9
	CC8	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	9.09E-9
	CC9	0.0000	0.0000	-0.0634	0.00E+0	0.00E+0	9.49E-9
	CC10	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	-8.90E-9
	CC11	0.0000	0.0000	-0.1069	0.00E+0	0.00E+0	-8.50E-9
	CC12	0.0000	0.0000	-0.1021	0.00E+0	0.00E+0	-9.38E-9

	CC13	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-8.98E-9
	CC14	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	3.26E-9
	CC15	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	4.48E-9
	CC16	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	-2.28E-9
	CC17	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.07E-9
	CC18	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	1.66E-9
	CC19	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	2.87E-9
	CC20	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	-3.88E-9
	CC21	0.0000	0.0000	-0.0819	0.00E+0	0.00E+0	-2.67E-9
287	CC1	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-3.03E-1
	CC2	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-3.03E-1
	CC3	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-3.03E-1
	CC4	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-2.90E-1
	CC5	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-2.90E-1
	CC6	0.0000	0.0000	-0.0701	0.00E+0	0.00E+0	3.89E-9
	CC7	0.0000	0.0000	-0.0698	0.00E+0	0.00E+0	3.83E-9
	CC8	0.0000	0.0000	-0.0632	0.00E+0	0.00E+0	3.83E-9
	CC9	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	3.76E-9
	CC10	0.0000	0.0000	-0.1076	0.00E+0	0.00E+0	-4.33E-9
	CC11	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	-4.40E-9
	CC12	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-4.40E-9
	CC13	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	-4.46E-9
	CC14	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	1.15E-9
	CC15	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	9.56E-1
	CC16	0.0000	0.0000	-0.1029	0.00E+0	0.00E+0	-1.31E-9
	CC17	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	-1.51E-9
	CC18	0.0000	0.0000	-0.0684	0.00E+0	0.00E+0	9.40E-1
	CC19	0.0000	0.0000	-0.0675	0.00E+0	0.00E+0	7.41E-1
	CC20	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	-1.53E-9
	CC21	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	-1.73E-9
288	CC1	-0.0007	-0.0019	-0.0950	-1.11E-5	4.55E-6	1.35E-6
	CC2	-0.0007	-0.0019	-0.0950	-1.11E-5	4.55E-6	1.35E-6
	CC3	-0.0007	-0.0019	-0.0950	-1.11E-5	4.55E-6	1.35E-6
	CC4	-0.0007	-0.0018	-0.0921	-1.04E-5	4.25E-6	1.27E-6
	CC5	-0.0007	-0.0018	-0.0921	-1.04E-5	4.25E-6	1.27E-6
	CC6	0.0527	0.0042	-0.0489	4.65E-5	-2.96E-4	-4.97E-5
	CC7	0.0525	0.0045	-0.0484	4.75E-5	-2.95E-4	-4.75E-5
	CC8	0.0535	-0.0589	-0.0783	-3.04E-4	-3.02E-4	-4.45E-5
	CC9	0.0533	-0.0587	-0.0778	-3.03E-4	-3.01E-4	-4.23E-5
	CC10	-0.0546	0.0552	-0.1045	2.83E-4	3.09E-4	4.48E-5
	CC11	-0.0548	0.0555	-0.1040	2.84E-4	3.10E-4	4.70E-5
	CC12	-0.0538	-0.0080	-0.1339	-6.77E-5	3.03E-4	5.00E-5
	CC13	-0.0540	-0.0077	-0.1334	-6.68E-5	3.04E-4	5.22E-5
	CC14	0.0144	0.0955	-0.0345	5.38E-4	-7.84E-5	-2.49E-5
	CC15	0.0139	0.0964	-0.0330	5.41E-4	-7.50E-5	-1.84E-5
	CC16	-0.0178	0.1108	-0.0512	6.09E-4	1.03E-4	3.41E-6
	CC17	-0.0183	0.1117	-0.0497	6.12E-4	1.06E-4	9.97E-6
	CC18	0.0170	-0.1152	-0.1326	-6.32E-4	-9.81E-5	-7.49E-6
	CC19	0.0165	-0.1143	-0.1311	-6.29E-4	-9.46E-5	-9.28E-7
	CC20	-0.0152	-0.0999	-0.1493	-5.61E-4	8.33E-5	2.09E-5
	CC21	-0.0157	-0.0990	-0.1478	-5.58E-4	8.67E-5	2.74E-5
289	CC1	-0.0004	-0.0011	-0.0931	-8.94E-6	4.27E-6	1.17E-6
	CC2	-0.0004	-0.0011	-0.0931	-8.94E-6	4.27E-6	1.17E-6
	CC3	-0.0004	-0.0011	-0.0931	-8.94E-6	4.27E-6	1.17E-6
	CC4	-0.0003	-0.0010	-0.0903	-8.33E-6	3.90E-6	1.10E-6
	CC5	-0.0003	-0.0010	-0.0903	-8.33E-6	3.90E-6	1.10E-6
	CC6	0.0276	0.0314	-0.0543	2.40E-5	-2.73E-4	-3.26E-5
	CC7	0.0275	0.0316	-0.0539	2.54E-5	-2.73E-4	-3.11E-5
	CC8	0.0280	-0.0033	-0.0745	-2.81E-4	-2.71E-4	-3.00E-5
	CC9	0.0279	-0.0031	-0.0740	-2.80E-4	-2.70E-4	-2.85E-5
	CC10	-0.0286	0.0012	-0.1047	2.64E-4	2.78E-4	3.07E-5
	CC11	-0.0286	0.0014	-0.1042	2.65E-4	2.79E-4	3.21E-5
	CC12	-0.0282	-0.0335	-0.1248	-4.16E-5	2.80E-4	3.33E-5
	CC13	-0.0283	-0.0333	-0.1244	-4.03E-5	2.81E-4	3.47E-5
	CC14	0.0076	0.0611	-0.0489	4.63E-4	-8.40E-5	-1.49E-5
	CC15	0.0074	0.0616	-0.0476	4.67E-4	-8.12E-5	-1.06E-5
	CC16	-0.0092	0.0520	-0.0640	5.34E-4	8.15E-5	4.04E-6
	CC17	-0.0095	0.0526	-0.0626	5.39E-4	8.42E-5	8.37E-6
	CC18	0.0089	-0.0545	-0.1161	-5.55E-4	-7.67E-5	-6.21E-6
	CC19	0.0086	-0.0539	-0.1147	-5.51E-4	-7.39E-5	-1.88E-6
	CC20	-0.0080	-0.0636	-0.1312	-4.83E-4	8.88E-5	1.28E-5
	CC21	-0.0083	-0.0630	-0.1298	-4.79E-4	9.15E-5	1.71E-5

290	CC1	-0.0001	-0.0004	-0.0911	-6.87E-6	2.63E-6	5.76E-7
	CC2	-0.0001	-0.0004	-0.0911	-6.87E-6	2.63E-6	5.76E-7
	CC3	-0.0001	-0.0004	-0.0911	-6.87E-6	2.63E-6	5.76E-7
	CC4	-0.0001	-0.0003	-0.0884	-6.41E-6	2.37E-6	5.45E-7
	CC5	-0.0001	-0.0003	-0.0884	-6.41E-6	2.37E-6	5.45E-7
	CC6	0.0079	0.0106	-0.0603	2.05E-4	-1.74E-4	-1.61E-5
	CC7	0.0079	0.0106	-0.0599	2.07E-4	-1.73E-4	-1.54E-5
	CC8	0.0081	-0.0007	-0.0702	-1.81E-5	-1.72E-4	-1.58E-5
	CC9	0.0081	-0.0006	-0.0698	-1.68E-5	-1.71E-4	-1.51E-5
	CC10	-0.0082	0.0000	-0.1052	4.31E-6	1.76E-4	1.62E-5
	CC11	-0.0082	0.0001	-0.1048	5.61E-6	1.76E-4	1.69E-5
	CC12	-0.0080	-0.0113	-0.1151	-2.19E-4	1.78E-4	1.65E-5
	CC13	-0.0081	-0.0112	-0.1147	-2.18E-4	1.78E-4	1.72E-5
	CC14	0.0021	0.0200	-0.0649	3.94E-4	-5.42E-5	-5.88E-6
	CC15	0.0020	0.0202	-0.0637	3.98E-4	-5.25E-5	-3.72E-6
	CC16	-0.0027	0.0168	-0.0783	3.34E-4	5.05E-5	3.82E-6
	CC17	-0.0028	0.0170	-0.0771	3.38E-4	5.22E-5	5.98E-6
	CC18	0.0027	-0.0177	-0.0979	-3.50E-4	-4.76E-5	-4.91E-6
	CC19	0.0026	-0.0175	-0.0967	-3.46E-4	-4.59E-5	-2.75E-6
	CC20	-0.0022	-0.0209	-0.1113	-4.11E-4	5.71E-5	4.78E-6
	CC21	-0.0022	-0.0206	-0.1101	-4.07E-4	5.88E-5	6.95E-6
291	CC1	-0.0006	-0.0013	-0.0910	-1.25E-5	-5.08E-8	8.23E-8
	CC2	-0.0006	-0.0013	-0.0910	-1.25E-5	-5.08E-8	8.23E-8
	CC3	-0.0006	-0.0013	-0.0910	-1.25E-5	-5.08E-8	8.23E-8
	CC4	-0.0006	-0.0011	-0.0884	-1.16E-5	-2.04E-7	1.62E-7
	CC5	-0.0006	-0.0011	-0.0884	-1.16E-5	-2.04E-7	1.62E-7
	CC6	0.0511	0.0044	-0.0567	2.47E-5	-2.12E-4	-3.93E-5
	CC7	0.0516	0.0047	-0.0562	2.66E-5	-2.14E-4	-3.74E-5
	CC8	0.0530	-0.0595	-0.0142	-3.47E-4	-2.37E-4	-5.38E-5
	CC9	0.0534	-0.0591	-0.0137	-3.45E-4	-2.39E-4	-5.19E-5
	CC10	-0.0545	0.0569	-0.1613	3.22E-4	2.39E-4	5.23E-5
	CC11	-0.0541	0.0573	-0.1608	3.24E-4	2.37E-4	5.42E-5
	CC12	-0.0527	-0.0069	-0.1189	-4.91E-5	2.14E-4	3.78E-5
	CC13	-0.0522	-0.0066	-0.1183	-4.73E-5	2.12E-4	3.97E-5
	CC14	0.0115	0.0970	-0.1435	5.60E-4	-2.36E-5	7.84E-6
	CC15	0.0129	0.0980	-0.1418	5.66E-4	-2.98E-5	1.34E-5
	CC16	-0.0202	0.1127	-0.1749	6.49E-4	1.12E-4	3.53E-5
	CC17	-0.0188	0.1137	-0.1732	6.55E-4	1.06E-4	4.09E-5
	CC18	0.0177	-0.1159	-0.0018	-6.78E-4	-1.06E-4	-4.05E-5
	CC19	0.0191	-0.1149	-0.0001	-6.72E-4	-1.12E-4	-3.49E-5
	CC20	-0.0140	-0.1002	-0.0332	-5.88E-4	2.93E-5	-1.31E-5
	CC21	-0.0125	-0.0992	-0.0315	-5.83E-4	2.31E-5	-7.46E-6
292	CC1	-0.0006	-0.0004	-0.0904	-7.89E-6	-1.05E-6	-3.66E-7
	CC2	-0.0006	-0.0004	-0.0904	-7.89E-6	-1.05E-6	-3.66E-7
	CC3	-0.0006	-0.0004	-0.0904	-7.89E-6	-1.05E-6	-3.66E-7
	CC4	-0.0006	-0.0003	-0.0877	-7.37E-6	-1.16E-6	-2.58E-7
	CC5	-0.0006	-0.0003	-0.0877	-7.37E-6	-1.16E-6	-2.58E-7
	CC6	0.0329	0.0019	-0.0597	2.77E-5	-1.76E-4	5.76E-5
	CC7	0.0332	0.0022	-0.0592	2.86E-5	-1.77E-4	5.88E-5
	CC8	0.0333	-0.0349	-0.0271	-2.28E-4	-1.87E-4	2.29E-5
	CC9	0.0336	-0.0347	-0.0266	-2.27E-4	-1.88E-4	2.42E-5
	CC10	-0.0347	0.0340	-0.1471	2.12E-4	1.86E-4	-2.46E-5
	CC11	-0.0344	0.0343	-0.1467	2.13E-4	1.84E-4	-2.34E-5
	CC12	-0.0344	-0.0028	-0.1145	-4.30E-5	1.75E-4	-5.92E-5
	CC13	-0.0341	-0.0026	-0.1140	-4.21E-5	1.73E-4	-5.80E-5
	CC14	0.0085	0.0559	-0.1289	3.89E-4	-3.45E-5	6.79E-5
	CC15	0.0095	0.0566	-0.1274	3.92E-4	-3.89E-5	7.17E-5
	CC16	-0.0118	0.0655	-0.1551	4.44E-4	7.39E-5	4.33E-5
	CC17	-0.0108	0.0662	-0.1536	4.47E-4	6.96E-5	4.70E-5
	CC18	0.0097	-0.0668	-0.0201	-4.62E-4	-7.20E-5	-4.75E-5
	CC19	0.0106	-0.0662	-0.0186	-4.59E-4	-7.63E-5	-4.37E-5
	CC20	-0.0106	-0.0572	-0.0463	-4.06E-4	3.65E-5	-7.21E-5
	CC21	-0.0097	-0.0565	-0.0448	-4.04E-4	3.21E-5	-6.84E-5
293	CC1	-0.0004	0.0000	-0.0896	-8.67E-7	7.29E-6	-9.79E-8
	CC2	-0.0004	0.0000	-0.0896	-8.67E-7	7.29E-6	-9.79E-8
	CC3	-0.0004	0.0000	-0.0896	-8.67E-7	7.29E-6	-9.79E-8
	CC4	-0.0004	0.0000	-0.0870	-5.27E-7	6.84E-6	4.56E-9
	CC5	-0.0004	0.0000	-0.0870	-5.27E-7	6.84E-6	4.56E-9
	CC6	0.0150	0.0142	-0.0644	2.64E-4	-2.82E-4	7.14E-5
	CC7	0.0151	0.0143	-0.0640	2.66E-4	-2.85E-4	7.23E-5
	CC8	0.0147	-0.0004	-0.0428	-1.24E-5	-2.77E-4	1.99E-5
	CC9	0.0149	-0.0003	-0.0424	-1.06E-5	-2.80E-4	2.09E-5

	CC10	-0.0157	0.0004	-0.1299	9.81E-6	2.93E-4	-2.08E-5
	CC11	-0.0155	0.0005	-0.1295	1.16E-5	2.90E-4	-1.99E-5
	CC12	-0.0159	-0.0142	-0.1082	-2.66E-4	2.98E-4	-7.22E-5
	CC13	-0.0158	-0.0141	-0.1078	-2.65E-4	2.95E-4	-7.13E-5
	CC14	0.0044	0.0263	-0.1130	4.95E-4	-8.40E-5	9.82E-5
	CC15	0.0049	0.0266	-0.1117	5.01E-4	-9.23E-5	1.01E-4
	CC16	-0.0048	0.0222	-0.1326	4.19E-4	8.84E-5	7.05E-5
	CC17	-0.0043	0.0225	-0.1314	4.25E-4	8.02E-5	7.34E-5
	CC18	0.0035	-0.0224	-0.0408	-4.25E-4	-6.68E-5	-7.33E-5
	CC19	0.0040	-0.0221	-0.0396	-4.20E-4	-7.51E-5	-7.05E-5
	CC20	-0.0057	-0.0265	-0.0605	-5.02E-4	1.06E-4	-1.01E-4
	CC21	-0.0052	-0.0262	-0.0592	-4.96E-4	9.74E-5	-9.81E-5
294	CC1	0.0003	-0.0015	-0.0929	9.24E-6	-1.06E-6	3.39E-6
	CC2	0.0003	-0.0015	-0.0929	9.24E-6	-1.06E-6	3.39E-6
	CC3	0.0003	-0.0015	-0.0929	9.24E-6	-1.06E-6	3.39E-6
	CC4	0.0003	-0.0013	-0.0902	9.46E-6	-1.22E-6	3.28E-6
	CC5	0.0003	-0.0013	-0.0902	9.46E-6	-1.22E-6	3.28E-6
	CC6	0.0721	0.0616	-0.1130	1.88E-4	-2.55E-4	-6.52E-5
	CC7	0.0726	0.0599	-0.1130	1.88E-4	-2.56E-4	-6.23E-5
	CC8	0.0756	-0.0389	-0.0993	8.97E-5	-2.60E-4	-5.78E-5
	CC9	0.0761	-0.0406	-0.0993	8.92E-5	-2.61E-4	-5.49E-5
	CC10	-0.0755	0.0381	-0.0794	-7.01E-5	2.58E-4	6.14E-5
	CC11	-0.0750	0.0364	-0.0794	-7.06E-5	2.57E-4	6.43E-5
	CC12	-0.0720	-0.0624	-0.0657	-1.69E-4	2.54E-4	6.88E-5
	CC13	-0.0715	-0.0641	-0.0657	-1.69E-4	2.53E-4	7.17E-5
	CC14	0.0160	0.1723	-0.1172	2.13E-4	-6.87E-5	-3.25E-5
	CC15	0.0174	0.1672	-0.1171	2.12E-4	-7.25E-5	-2.37E-5
	CC16	-0.0283	0.1652	-0.1071	1.36E-4	8.54E-5	5.47E-6
	CC17	-0.0269	0.1602	-0.1070	1.34E-4	8.15E-5	1.43E-5
	CC18	0.0275	-0.1626	-0.0717	-1.15E-4	-8.41E-5	-7.81E-6
	CC19	0.0289	-0.1677	-0.0716	-1.16E-4	-8.79E-5	1.02E-6
	CC20	-0.0168	-0.1697	-0.0616	-1.92E-4	6.99E-5	3.02E-5
	CC21	-0.0154	-0.1747	-0.0615	-1.94E-4	6.61E-5	3.90E-5
295	CC1	0.0000	-0.0018	-0.0928	-8.77E-6	-1.80E-7	3.68E-6
	CC2	0.0000	-0.0018	-0.0928	-8.77E-6	-1.80E-7	3.68E-6
	CC3	0.0000	-0.0018	-0.0928	-8.77E-6	-1.80E-7	3.68E-6
	CC4	0.0000	-0.0016	-0.0901	-7.85E-6	-3.31E-7	3.54E-6
	CC5	0.0000	-0.0016	-0.0901	-7.85E-6	-3.31E-7	3.54E-6
	CC6	0.0736	0.0617	-0.1027	1.22E-4	-2.69E-4	-6.49E-5
	CC7	0.0738	0.0600	-0.1028	1.21E-4	-2.69E-4	-6.20E-5
	CC8	0.0765	-0.0389	-0.0960	4.35E-5	-2.63E-4	-5.75E-5
	CC9	0.0768	-0.0406	-0.0961	4.28E-5	-2.64E-4	-5.46E-5
	CC10	-0.0767	0.0375	-0.0824	-5.79E-5	2.63E-4	6.16E-5
	CC11	-0.0765	0.0358	-0.0824	-5.86E-5	2.62E-4	6.45E-5
	CC12	-0.0738	-0.0631	-0.0757	-1.36E-4	2.69E-4	6.90E-5
	CC13	-0.0736	-0.0648	-0.0757	-1.37E-4	2.68E-4	7.19E-5
	CC14	0.0174	0.1722	-0.1034	1.51E-4	-8.90E-5	-3.22E-5
	CC15	0.0181	0.1671	-0.1035	1.49E-4	-9.03E-5	-2.34E-5
	CC16	-0.0277	0.1650	-0.0973	9.70E-5	7.05E-5	5.71E-6
	CC17	-0.0270	0.1598	-0.0974	9.50E-5	6.93E-5	1.45E-5
	CC18	0.0271	-0.1629	-0.0811	-1.10E-4	-7.00E-5	-7.57E-6
	CC19	0.0278	-0.1681	-0.0812	-1.12E-4	-7.13E-5	1.26E-6
	CC20	-0.0180	-0.1702	-0.0750	-1.64E-4	8.95E-5	3.04E-5
	CC21	-0.0173	-0.1753	-0.0751	-1.66E-4	8.83E-5	3.92E-5
296	CC1	-0.0003	-0.0021	-0.0945	-2.94E-5	-1.06E-6	2.98E-6
	CC2	-0.0003	-0.0021	-0.0945	-2.94E-5	-1.06E-6	2.98E-6
	CC3	-0.0003	-0.0021	-0.0945	-2.94E-5	-1.06E-6	2.98E-6
	CC4	-0.0002	-0.0019	-0.0917	-2.75E-5	-1.13E-6	2.86E-6
	CC5	-0.0002	-0.0019	-0.0917	-2.75E-5	-1.13E-6	2.86E-6
	CC6	0.0753	0.0618	-0.0965	9.16E-5	-2.79E-4	-6.56E-5
	CC7	0.0752	0.0600	-0.0967	8.99E-5	-2.79E-4	-6.27E-5
	CC8	0.0776	-0.0389	-0.0984	-2.01E-5	-2.70E-4	-5.82E-5
	CC9	0.0776	-0.0406	-0.0985	-2.17E-5	-2.70E-4	-5.53E-5
	CC10	-0.0780	0.0369	-0.0830	-3.20E-5	2.68E-4	6.09E-5
	CC11	-0.0780	0.0351	-0.0831	-3.36E-5	2.68E-4	6.38E-5
	CC12	-0.0757	-0.0638	-0.0848	-1.44E-4	2.77E-4	6.83E-5
	CC13	-0.0757	-0.0655	-0.0849	-1.45E-4	2.77E-4	7.12E-5
	CC14	0.0189	0.1722	-0.0895	1.80E-4	-9.91E-5	-3.29E-5
	CC15	0.0188	0.1670	-0.0899	1.75E-4	-9.80E-5	-2.41E-5
	CC16	-0.0271	0.1647	-0.0855	1.43E-4	6.50E-5	5.04E-6
	CC17	-0.0272	0.1595	-0.0859	1.38E-4	6.61E-5	1.39E-5
	CC18	0.0268	-0.1632	-0.0956	-1.92E-4	-6.84E-5	-8.24E-6

	CC19	0.0266	-0.1685	-0.0960	-1.97E-4	-6.73E-5	5.89E-7
	CC20	-0.0192	-0.1707	-0.0915	-2.29E-4	9.57E-5	2.97E-5
	CC21	-0.0193	-0.1759	-0.0919	-2.34E-4	9.68E-5	3.85E-5
297	CC1	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	3.84E-12
	CC2	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	3.84E-12
	CC3	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	3.84E-12
	CC4	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	5.03E-12
	CC5	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	5.03E-12
	CC6	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	3.71E-9
	CC7	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	3.58E-9
	CC8	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	1.06E-9
	CC9	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	9.21E-1
	CC10	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-9.11E-1
	CC11	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-1.04E-9
	CC12	0.0000	0.0000	-0.0766	0.00E+0	0.00E+0	-3.57E-9
	CC13	0.0000	0.0000	-0.0765	0.00E+0	0.00E+0	-3.70E-9
	CC14	0.0000	0.0000	-0.1032	0.00E+0	0.00E+0	5.33E-9
	CC15	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	4.92E-9
	CC16	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	3.94E-9
	CC17	0.0000	0.0000	-0.1007	0.00E+0	0.00E+0	3.53E-9
	CC18	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	-3.52E-9
	CC19	0.0000	0.0000	-0.0697	0.00E+0	0.00E+0	-3.93E-9
	CC20	0.0000	0.0000	-0.0677	0.00E+0	0.00E+0	-4.91E-9
	CC21	0.0000	0.0000	-0.0674	0.00E+0	0.00E+0	-5.32E-9
298	CC1	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	6.96E-11
	CC2	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	6.96E-11
	CC3	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	6.96E-11
	CC4	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	6.63E-11
	CC5	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	6.63E-11
	CC6	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	1.73E-9
	CC7	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	1.81E-9
	CC8	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	1.68E-9
	CC9	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	1.75E-9
	CC10	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	-1.62E-9
	CC11	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	-1.55E-9
	CC12	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-1.68E-9
	CC13	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-1.60E-9
	CC14	0.0000	0.0000	-0.1007	0.00E+0	0.00E+0	5.41E-1
	CC15	0.0000	0.0000	-0.1005	0.00E+0	0.00E+0	7.67E-1
	CC16	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	-4.65E-1
	CC17	0.0000	0.0000	-0.0981	0.00E+0	0.00E+0	-2.40E-1
	CC18	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	3.70E-1
	CC19	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	5.96E-1
	CC20	0.0000	0.0000	-0.0702	0.00E+0	0.00E+0	-6.36E-1
	CC21	0.0000	0.0000	-0.0701	0.00E+0	0.00E+0	-4.11E-1
299	CC1	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.72E-1
	CC2	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.72E-1
	CC3	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.72E-1
	CC4	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-2.60E-1
	CC5	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-2.60E-1
	CC6	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	4.96E-9
	CC7	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	4.82E-9
	CC8	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	2.33E-9
	CC9	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	2.19E-9
	CC10	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	-2.70E-9
	CC11	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-2.84E-9
	CC12	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-5.34E-9
	CC13	0.0000	0.0000	-0.0777	0.00E+0	0.00E+0	-5.47E-9
	CC14	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	5.49E-9
	CC15	0.0000	0.0000	-0.0982	0.00E+0	0.00E+0	5.07E-9
	CC16	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	3.19E-9
	CC17	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	2.78E-9
	CC18	0.0000	0.0000	-0.0753	0.00E+0	0.00E+0	-3.29E-9
	CC19	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-3.70E-9
	CC20	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	-5.59E-9
	CC21	0.0000	0.0000	-0.0726	0.00E+0	0.00E+0	-6.00E-9
300	CC1	0.0002	-0.0011	-0.0925	-7.98E-6	-1.88E-6	1.22E-6
	CC2	0.0002	-0.0011	-0.0925	-7.98E-6	-1.88E-6	1.22E-6
	CC3	0.0002	-0.0011	-0.0925	-7.98E-6	-1.88E-6	1.22E-6
	CC4	0.0002	-0.0010	-0.0899	-7.20E-6	-1.98E-6	1.18E-6
	CC5	0.0002	-0.0010	-0.0899	-7.20E-6	-1.98E-6	1.18E-6
	CC6	0.0482	0.0446	-0.1224	2.04E-4	-2.59E-4	-5.87E-5

	CC7	0.0487	0.0434	-0.1222	1.99E-4	-2.62E-4	-5.63E-5
	CC8	0.0505	-0.0294	-0.0975	-1.34E-4	-2.76E-4	-3.71E-5
	CC9	0.0510	-0.0306	-0.0973	-1.39E-4	-2.79E-4	-3.47E-5
	CC10	-0.0505	0.0287	-0.0808	1.25E-4	2.75E-4	3.71E-5
	CC11	-0.0500	0.0274	-0.0807	1.20E-4	2.72E-4	3.95E-5
	CC12	-0.0482	-0.0453	-0.0559	-2.13E-4	2.58E-4	5.87E-5
	CC13	-0.0477	-0.0466	-0.0557	-2.18E-4	2.55E-4	6.11E-5
	CC14	0.0104	0.1267	-0.1371	5.76E-4	-4.98E-5	-5.28E-5
	CC15	0.0119	0.1229	-0.1366	5.60E-4	-5.76E-5	-4.56E-5
	CC16	-0.0192	0.1219	-0.1246	5.53E-4	1.10E-4	-2.41E-5
	CC17	-0.0177	0.1181	-0.1241	5.36E-4	1.02E-4	-1.69E-5
	CC18	0.0181	-0.1201	-0.0540	-5.50E-4	-1.06E-4	1.92E-5
	CC19	0.0196	-0.1238	-0.0535	-5.66E-4	-1.14E-4	2.64E-5
	CC20	-0.0115	-0.1248	-0.0415	-5.73E-4	5.36E-5	4.79E-5
	CC21	-0.0100	-0.1286	-0.0410	-5.90E-4	4.58E-5	5.51E-5
301	CC1	0.0001	-0.0004	-0.0913	-6.83E-6	-7.34E-7	2.75E-7
	CC2	0.0001	-0.0004	-0.0913	-6.83E-6	-7.34E-7	2.75E-7
	CC3	0.0001	-0.0004	-0.0913	-6.83E-6	-7.34E-7	2.75E-7
	CC4	0.0001	-0.0004	-0.0887	-6.20E-6	-8.22E-7	2.60E-7
	CC5	0.0001	-0.0004	-0.0887	-6.20E-6	-8.22E-7	2.60E-7
	CC6	0.0260	0.0277	-0.1147	1.90E-4	-2.37E-4	-4.41E-5
	CC7	0.0263	0.0269	-0.1145	1.85E-4	-2.39E-4	-4.24E-5
	CC8	0.0271	-0.0174	-0.0925	-1.30E-4	-2.48E-4	-1.93E-5
	CC9	0.0273	-0.0182	-0.0923	-1.36E-4	-2.51E-4	-1.76E-5
	CC10	-0.0271	0.0175	-0.0834	1.24E-4	2.49E-4	1.81E-5
	CC11	-0.0269	0.0167	-0.0832	1.18E-4	2.46E-4	1.98E-5
	CC12	-0.0261	-0.0276	-0.0612	-1.97E-4	2.38E-4	4.29E-5
	CC13	-0.0258	-0.0284	-0.0610	-2.02E-4	2.35E-4	4.46E-5
	CC14	0.0059	0.0774	-0.1298	5.47E-4	-5.14E-5	-5.30E-5
	CC15	0.0067	0.0751	-0.1293	5.31E-4	-5.87E-5	-4.79E-5
	CC16	-0.0100	0.0744	-0.1204	5.27E-4	9.43E-5	-3.43E-5
	CC17	-0.0092	0.0721	-0.1199	5.11E-4	8.70E-5	-2.93E-5
	CC18	0.0094	-0.0728	-0.0558	-5.23E-4	-8.87E-5	2.98E-5
	CC19	0.0102	-0.0751	-0.0552	-5.39E-4	-9.60E-5	3.48E-5
	CC20	-0.0065	-0.0758	-0.0464	-5.43E-4	5.70E-5	4.84E-5
	CC21	-0.0057	-0.0781	-0.0458	-5.59E-4	4.97E-5	5.35E-5
302	CC1	0.0000	0.0000	-0.0900	-1.90E-6	-5.50E-7	-8.77E-8
	CC2	0.0000	0.0000	-0.0900	-1.90E-6	-5.50E-7	-8.77E-8
	CC3	0.0000	0.0000	-0.0900	-1.90E-6	-5.50E-7	-8.77E-8
	CC4	0.0000	0.0000	-0.0875	-1.57E-6	-5.98E-7	-9.08E-8
	CC5	0.0000	0.0000	-0.0875	-1.57E-6	-5.98E-7	-9.08E-8
	CC6	0.0079	0.0109	-0.1053	1.90E-4	-1.62E-4	-2.39E-5
	CC7	0.0080	0.0106	-0.1051	1.84E-4	-1.63E-4	-2.31E-5
	CC8	0.0082	-0.0064	-0.0876	-1.16E-4	-1.68E-4	-6.52E-6
	CC9	0.0083	-0.0067	-0.0874	-1.22E-4	-1.70E-4	-5.67E-6
	CC10	-0.0082	0.0067	-0.0858	1.19E-4	1.68E-4	5.48E-6
	CC11	-0.0081	0.0064	-0.0856	1.13E-4	1.67E-4	6.34E-6
	CC12	-0.0079	-0.0106	-0.0681	-1.87E-4	1.62E-4	2.29E-5
	CC13	-0.0078	-0.0109	-0.0679	-1.93E-4	1.61E-4	2.37E-5
	CC14	0.0018	0.0299	-0.1193	5.27E-4	-3.73E-5	-3.48E-5
	CC15	0.0021	0.0290	-0.1188	5.11E-4	-4.24E-5	-3.22E-5
	CC16	-0.0030	0.0287	-0.1134	5.06E-4	6.17E-5	-2.60E-5
	CC17	-0.0028	0.0278	-0.1129	4.90E-4	5.66E-5	-2.34E-5
	CC18	0.0028	-0.0278	-0.0602	-4.93E-4	-5.79E-5	2.32E-5
	CC19	0.0031	-0.0287	-0.0598	-5.09E-4	-6.30E-5	2.58E-5
	CC20	-0.0020	-0.0291	-0.0544	-5.14E-4	4.12E-5	3.20E-5
	CC21	-0.0018	-0.0300	-0.0539	-5.30E-4	3.61E-5	3.46E-5
303	CC1	-0.0004	-0.0009	-0.0951	-8.41E-6	2.18E-6	2.36E-6
	CC2	-0.0004	-0.0009	-0.0951	-8.41E-6	2.18E-6	2.36E-6
	CC3	-0.0004	-0.0009	-0.0951	-8.41E-6	2.18E-6	2.36E-6
	CC4	-0.0003	-0.0008	-0.0923	-7.57E-6	1.95E-6	2.25E-6
	CC5	-0.0003	-0.0008	-0.0923	-7.57E-6	1.95E-6	2.25E-6
	CC6	0.0516	0.0468	-0.0896	2.28E-4	-3.00E-4	-4.40E-5
	CC7	0.0515	0.0455	-0.0899	2.22E-4	-2.99E-4	-4.20E-5
	CC8	0.0531	-0.0276	-0.1032	-1.20E-4	-3.06E-4	-4.55E-5
	CC9	0.0529	-0.0289	-0.1035	-1.26E-4	-3.05E-4	-4.34E-5
	CC10	-0.0536	0.0274	-0.0791	1.11E-4	3.09E-4	4.79E-5
	CC11	-0.0538	0.0260	-0.0794	1.05E-4	3.10E-4	4.99E-5
	CC12	-0.0521	-0.0470	-0.0927	-2.36E-4	3.03E-4	4.64E-5
	CC13	-0.0523	-0.0483	-0.0930	-2.42E-4	3.04E-4	4.84E-5
	CC14	0.0133	0.1281	-0.0696	5.98E-4	-8.20E-5	-1.22E-5
	CC15	0.0127	0.1241	-0.0706	5.80E-4	-7.86E-5	-6.07E-6

	CC16	-0.0183	0.1223	-0.0665	5.63E-4	1.01E-4	1.53E-5
	CC17	-0.0189	0.1183	-0.0674	5.45E-4	1.04E-4	2.15E-5
	CC18	0.0182	-0.1198	-0.1152	-5.59E-4	-1.00E-4	-1.71E-5
	CC19	0.0176	-0.1238	-0.1161	-5.77E-4	-9.70E-5	-1.09E-5
	CC20	-0.0134	-0.1256	-0.1120	-5.94E-4	8.24E-5	1.05E-5
	CC21	-0.0140	-0.1296	-0.1130	-6.12E-4	8.57E-5	1.66E-5
304	CC1	-0.0002	-0.0005	-0.0931	-3.29E-6	2.57E-6	2.00E-6
	CC2	-0.0002	-0.0005	-0.0931	-3.29E-6	2.57E-6	2.00E-6
	CC3	-0.0002	-0.0005	-0.0931	-3.29E-6	2.57E-6	2.00E-6
	CC4	-0.0002	-0.0004	-0.0903	-2.83E-6	2.32E-6	1.91E-6
	CC5	-0.0002	-0.0004	-0.0903	-2.83E-6	2.32E-6	1.91E-6
	CC6	0.0267	0.0280	-0.0896	2.20E-4	-2.65E-4	-2.46E-5
	CC7	0.0266	0.0272	-0.0898	2.14E-4	-2.64E-4	-2.34E-5
	CC8	0.0276	-0.0159	-0.0995	-1.28E-4	-2.70E-4	-3.10E-5
	CC9	0.0275	-0.0167	-0.0997	-1.34E-4	-2.69E-4	-2.98E-5
	CC10	-0.0279	0.0160	-0.0791	1.29E-4	2.73E-4	3.36E-5
	CC11	-0.0280	0.0152	-0.0793	1.23E-4	2.74E-4	3.48E-5
	CC12	-0.0269	-0.0280	-0.0889	-2.19E-4	2.68E-4	2.71E-5
	CC13	-0.0270	-0.0288	-0.0892	-2.25E-4	2.69E-4	2.83E-5
	CC14	0.0066	0.0759	-0.0741	6.00E-4	-7.16E-5	2.07E-6
	CC15	0.0063	0.0735	-0.0749	5.82E-4	-6.85E-5	5.74E-6
	CC16	-0.0098	0.0723	-0.0710	5.73E-4	8.99E-5	1.95E-5
	CC17	-0.0101	0.0699	-0.0717	5.54E-4	9.30E-5	2.32E-5
	CC18	0.0098	-0.0706	-0.1070	-5.60E-4	-8.85E-5	-1.94E-5
	CC19	0.0095	-0.0730	-0.1078	-5.78E-4	-8.54E-5	-1.58E-5
	CC20	-0.0066	-0.0743	-0.1039	-5.87E-4	7.30E-5	-1.99E-6
	CC21	-0.0069	-0.0766	-0.1046	-6.06E-4	7.61E-5	1.68E-6
305	CC1	0.0000	-0.0002	-0.0911	-3.10E-6	1.60E-6	1.05E-6
	CC2	0.0000	-0.0002	-0.0911	-3.10E-6	1.60E-6	1.05E-6
	CC3	0.0000	-0.0002	-0.0911	-3.10E-6	1.60E-6	1.05E-6
	CC4	0.0000	-0.0002	-0.0884	-2.78E-6	1.44E-6	1.00E-6
	CC5	0.0000	-0.0002	-0.0884	-2.78E-6	1.44E-6	1.00E-6
	CC6	0.0076	0.0101	-0.0906	1.88E-4	-1.65E-4	-9.60E-6
	CC7	0.0075	0.0098	-0.0908	1.83E-4	-1.64E-4	-9.08E-6
	CC8	0.0080	-0.0055	-0.0942	-1.05E-4	-1.70E-4	-1.60E-5
	CC9	0.0080	-0.0058	-0.0944	-1.10E-4	-1.69E-4	-1.55E-5
	CC10	-0.0081	0.0055	-0.0806	1.05E-4	1.72E-4	1.75E-5
	CC11	-0.0081	0.0052	-0.0807	9.96E-5	1.73E-4	1.80E-5
	CC12	-0.0076	-0.0101	-0.0842	-1.88E-4	1.67E-4	1.11E-5
	CC13	-0.0076	-0.0104	-0.0844	-1.93E-4	1.68E-4	1.16E-5
	CC14	0.0016	0.0269	-0.0827	5.06E-4	-4.13E-5	6.81E-6
	CC15	0.0015	0.0261	-0.0832	4.90E-4	-3.93E-5	8.38E-6
	CC16	-0.0031	0.0255	-0.0797	4.81E-4	5.98E-5	1.49E-5
	CC17	-0.0032	0.0247	-0.0801	4.65E-4	6.17E-5	1.65E-5
	CC18	0.0031	-0.0250	-0.0948	-4.70E-4	-5.90E-5	-1.45E-5
	CC19	0.0030	-0.0259	-0.0952	-4.86E-4	-5.70E-5	-1.29E-5
	CC20	-0.0016	-0.0264	-0.0918	-4.95E-4	4.21E-5	-6.41E-6
	CC21	-0.0017	-0.0273	-0.0922	-5.11E-4	4.40E-5	-4.83E-6
306	CC1	0.0000	-0.0018	-0.0932	-1.35E-5	-7.48E-7	-6.23E-6
	CC2	0.0000	-0.0018	-0.0932	-1.35E-5	-7.48E-7	-6.23E-6
	CC3	0.0000	-0.0018	-0.0932	-1.35E-5	-7.48E-7	-6.23E-6
	CC4	0.0001	-0.0016	-0.0906	-1.23E-5	-6.83E-7	-6.13E-6
	CC5	0.0001	-0.0016	-0.0906	-1.23E-5	-6.83E-7	-6.13E-6
	CC6	0.0706	0.0577	-0.0939	1.96E-4	1.09E-5	-7.45E-5
	CC7	0.0713	0.0569	-0.0936	1.92E-4	1.06E-5	-7.16E-5
	CC8	0.0745	-0.0407	-0.0714	-2.42E-4	-1.34E-5	-6.71E-5
	CC9	0.0752	-0.0415	-0.0712	-2.46E-4	-1.37E-5	-6.42E-5
	CC10	-0.0750	0.0384	-0.1081	2.22E-4	1.23E-5	5.20E-5
	CC11	-0.0744	0.0376	-0.1079	2.18E-4	1.21E-5	5.49E-5
	CC12	-0.0711	-0.0600	-0.0857	-2.16E-4	-1.20E-5	5.94E-5
	CC13	-0.0704	-0.0608	-0.0855	-2.20E-4	-1.22E-5	6.23E-5
	CC14	0.0143	0.1666	-0.1253	7.21E-4	4.00E-5	-4.18E-5
	CC15	0.0164	0.1640	-0.1245	7.08E-4	3.93E-5	-3.30E-5
	CC16	-0.0293	0.1608	-0.1296	7.29E-4	4.05E-5	-3.87E-6
	CC17	-0.0273	0.1583	-0.1288	7.15E-4	3.97E-5	4.96E-6
	CC18	0.0275	-0.1614	-0.0506	-7.39E-4	-4.10E-5	-1.72E-5
	CC19	0.0295	-0.1640	-0.0498	-7.53E-4	-4.18E-5	-8.32E-6
	CC20	-0.0162	-0.1672	-0.0548	-7.31E-4	-4.06E-5	2.08E-5
	CC21	-0.0142	-0.1697	-0.0540	-7.45E-4	-4.14E-5	2.96E-5
307	CC1	0.0001	-0.0013	-0.0935	-7.65E-6	-4.24E-7	-4.43E-6
	CC2	0.0001	-0.0013	-0.0935	-7.65E-6	-4.24E-7	-4.43E-6
	CC3	0.0001	-0.0013	-0.0935	-7.65E-6	-4.24E-7	-4.43E-6

	CC4	0.0002	-0.0012	-0.0909	-6.74E-6	-3.74E-7	-4.41E-6
	CC5	0.0002	-0.0012	-0.0909	-6.74E-6	-3.74E-7	-4.41E-6
	CC6	0.0706	0.0560	-0.1049	2.17E-4	1.20E-5	-7.28E-5
	CC7	0.0713	0.0549	-0.1047	2.11E-4	1.17E-5	-6.99E-5
	CC8	0.0746	-0.0431	-0.0826	-2.05E-4	-1.14E-5	-6.54E-5
	CC9	0.0753	-0.0442	-0.0824	-2.10E-4	-1.17E-5	-6.25E-5
	CC10	-0.0749	0.0420	-0.0976	1.97E-4	1.09E-5	5.37E-5
	CC11	-0.0742	0.0409	-0.0974	1.92E-4	1.07E-5	5.66E-5
	CC12	-0.0709	-0.0571	-0.0752	-2.24E-4	-1.25E-5	6.11E-5
	CC13	-0.0702	-0.0582	-0.0750	-2.29E-4	-1.27E-5	6.40E-5
	CC14	0.0143	0.1678	-0.1287	7.07E-4	3.92E-5	-4.01E-5
	CC15	0.0164	0.1644	-0.1280	6.91E-4	3.84E-5	-3.13E-5
	CC16	-0.0293	0.1636	-0.1265	7.01E-4	3.89E-5	-2.18E-6
	CC17	-0.0272	0.1602	-0.1258	6.86E-4	3.81E-5	6.65E-6
	CC18	0.0276	-0.1624	-0.0541	-6.98E-4	-3.88E-5	-1.55E-5
	CC19	0.0297	-0.1658	-0.0535	-7.14E-4	-3.96E-5	-6.63E-6
	CC20	-0.0161	-0.1666	-0.0519	-7.04E-4	-3.91E-5	2.25E-5
	CC21	-0.0140	-0.1700	-0.0513	-7.20E-4	-4.00E-5	3.13E-5
308	CC1	0.0003	-0.0011	-0.0938	-1.14E-6	-6.33E-8	4.43E-7
	CC2	0.0003	-0.0011	-0.0938	-1.14E-6	-6.33E-8	4.43E-7
	CC3	0.0003	-0.0011	-0.0938	-1.14E-6	-6.33E-8	4.43E-7
	CC4	0.0003	-0.0010	-0.0911	-5.36E-7	-2.97E-8	3.02E-7
	CC5	0.0003	-0.0010	-0.0911	-5.36E-7	-2.97E-8	3.02E-7
	CC6	0.0706	0.0584	-0.1160	2.29E-4	1.27E-5	-6.82E-5
	CC7	0.0713	0.0570	-0.1158	2.24E-4	1.24E-5	-6.53E-5
	CC8	0.0747	-0.0414	-0.0925	-1.67E-4	-9.28E-6	-6.08E-5
	CC9	0.0753	-0.0427	-0.0924	-1.73E-4	-9.58E-6	-5.79E-5
	CC10	-0.0747	0.0409	-0.0881	1.72E-4	9.55E-6	5.84E-5
	CC11	-0.0740	0.0396	-0.0880	1.66E-4	9.24E-6	6.13E-5
	CC12	-0.0707	-0.0588	-0.0647	-2.24E-4	-1.24E-5	6.58E-5
	CC13	-0.0700	-0.0602	-0.0645	-2.30E-4	-1.28E-5	6.87E-5
	CC14	0.0144	0.1700	-0.1338	6.77E-4	3.76E-5	-3.55E-5
	CC15	0.0165	0.1658	-0.1333	6.60E-4	3.67E-5	-2.66E-5
	CC16	-0.0292	0.1648	-0.1254	6.60E-4	3.66E-5	2.48E-6
	CC17	-0.0271	0.1606	-0.1249	6.43E-4	3.57E-5	1.13E-5
	CC18	0.0277	-0.1624	-0.0556	-6.44E-4	-3.57E-5	-1.08E-5
	CC19	0.0299	-0.1666	-0.0550	-6.61E-4	-3.67E-5	-1.97E-6
	CC20	-0.0159	-0.1676	-0.0472	-6.61E-4	-3.67E-5	2.72E-5
	CC21	-0.0137	-0.1718	-0.0467	-6.78E-4	-3.76E-5	3.60E-5
309	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.20E-1
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.20E-1
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.20E-1
	CC4	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.06E-1
	CC5	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.06E-1
	CC6	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	1.38E-9
	CC7	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	1.43E-9
	CC8	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	5.87E-1
	CC9	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	6.33E-1
	CC10	0.0000	0.0000	-0.0974	0.00E+0	0.00E+0	-4.29E-1
	CC11	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	-3.84E-1
	CC12	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	-1.22E-9
	CC13	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-1.18E-9
	CC14	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	1.63E-9
	CC15	0.0000	0.0000	-0.1029	0.00E+0	0.00E+0	1.77E-9
	CC16	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	1.09E-9
	CC17	0.0000	0.0000	-0.1067	0.00E+0	0.00E+0	1.22E-9
	CC18	0.0000	0.0000	-0.0634	0.00E+0	0.00E+0	-1.02E-9
	CC19	0.0000	0.0000	-0.0628	0.00E+0	0.00E+0	-8.84E-1
	CC20	0.0000	0.0000	-0.0672	0.00E+0	0.00E+0	-1.56E-9
	CC21	0.0000	0.0000	-0.0665	0.00E+0	0.00E+0	-1.43E-9
310	CC1	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-3.80E-11
	CC2	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-3.80E-11
	CC3	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-3.80E-11
	CC4	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-4.30E-11
	CC5	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-4.30E-11
	CC6	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	3.57E-9
	CC7	0.0000	0.0000	-0.0876	0.00E+0	0.00E+0	3.68E-9
	CC8	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	-5.52E-1
	CC9	0.0000	0.0000	-0.0756	0.00E+0	0.00E+0	-4.37E-1
	CC10	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	3.48E-1
	CC11	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	4.63E-1
	CC12	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	-3.77E-9

	CC13	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-3.66E-9
	CC14	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	7.13E-9
	CC15	0.0000	0.0000	-0.1039	0.00E+0	0.00E+0	7.48E-9
	CC16	0.0000	0.0000	-0.1065	0.00E+0	0.00E+0	6.17E-9
	CC17	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	6.52E-9
	CC18	0.0000	0.0000	-0.0643	0.00E+0	0.00E+0	-6.60E-9
	CC19	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	-6.26E-9
	CC20	0.0000	0.0000	-0.0663	0.00E+0	0.00E+0	-7.57E-9
	CC21	0.0000	0.0000	-0.0658	0.00E+0	0.00E+0	-7.22E-9
311	CC1	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-1.56E-12
	CC2	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-1.56E-12
	CC3	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-1.56E-12
	CC4	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-1.06E-11
	CC5	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-1.06E-11
	CC6	0.0000	0.0000	-0.0934	0.00E+0	0.00E+0	-2.75E-9
	CC7	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	-2.64E-9
	CC8	0.0000	0.0000	-0.0815	0.00E+0	0.00E+0	4.87E-9
	CC9	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	4.98E-9
	CC10	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	-5.01E-9
	CC11	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-4.90E-9
	CC12	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	2.61E-9
	CC13	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	2.72E-9
	CC14	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	-1.25E-8
	CC15	0.0000	0.0000	-0.1055	0.00E+0	0.00E+0	-1.22E-8
	CC16	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	-1.32E-8
	CC17	0.0000	0.0000	-0.1042	0.00E+0	0.00E+0	-1.29E-8
	CC18	0.0000	0.0000	-0.0663	0.00E+0	0.00E+0	1.29E-8
	CC19	0.0000	0.0000	-0.0658	0.00E+0	0.00E+0	1.32E-8
	CC20	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	1.22E-8
	CC21	0.0000	0.0000	-0.0645	0.00E+0	0.00E+0	1.25E-8
312	CC1	-0.0002	-0.0004	-0.0919	-2.57E-6	5.82E-6	-1.64E-6
	CC2	-0.0002	-0.0004	-0.0919	-2.57E-6	5.82E-6	-1.64E-6
	CC3	-0.0002	-0.0004	-0.0919	-2.57E-6	5.82E-6	-1.64E-6
	CC4	-0.0002	-0.0003	-0.0892	-2.17E-6	5.47E-6	-1.62E-6
	CC5	-0.0002	-0.0003	-0.0892	-2.17E-6	5.47E-6	-1.62E-6
	CC6	0.0499	0.0433	-0.0847	2.87E-4	-8.86E-5	-4.51E-5
	CC7	0.0504	0.0429	-0.0844	2.84E-4	-9.19E-5	-4.33E-5
	CC8	0.0512	-0.0215	-0.0639	-1.67E-4	-1.38E-4	-4.23E-5
	CC9	0.0516	-0.0218	-0.0636	-1.70E-4	-1.41E-4	-4.04E-5
	CC10	-0.0520	0.0212	-0.1131	1.66E-4	1.52E-4	3.72E-5
	CC11	-0.0515	0.0208	-0.1128	1.63E-4	1.49E-4	3.91E-5
	CC12	-0.0507	-0.0436	-0.0923	-2.88E-4	1.03E-4	4.00E-5
	CC13	-0.0503	-0.0440	-0.0920	-2.91E-4	9.93E-5	4.19E-5
	CC14	0.0123	0.1115	-0.1193	7.77E-4	5.65E-5	-2.15E-5
	CC15	0.0137	0.1104	-0.1184	7.68E-4	4.66E-5	-1.58E-5
	CC16	-0.0183	0.1049	-0.1278	7.41E-4	1.29E-4	3.18E-6
	CC17	-0.0169	0.1038	-0.1269	7.32E-4	1.19E-4	8.87E-6
	CC18	0.0165	-0.1044	-0.0498	-7.36E-4	-1.08E-4	-1.21E-5
	CC19	0.0179	-0.1055	-0.0489	-7.45E-4	-1.18E-4	-6.41E-6
	CC20	-0.0141	-0.1111	-0.0583	-7.72E-4	-3.58E-5	1.26E-5
	CC21	-0.0127	-0.1122	-0.0574	-7.81E-4	-4.58E-5	1.83E-5
313	CC1	-0.0003	-0.0001	-0.0908	-2.95E-6	5.69E-7	-4.76E-7
	CC2	-0.0003	-0.0001	-0.0908	-2.95E-6	5.69E-7	-4.76E-7
	CC3	-0.0003	-0.0001	-0.0908	-2.95E-6	5.69E-7	-4.76E-7
	CC4	-0.0002	-0.0001	-0.0881	-2.67E-6	5.19E-7	-4.78E-7
	CC5	-0.0002	-0.0001	-0.0881	-2.67E-6	5.19E-7	-4.78E-7
	CC6	0.0313	0.0214	-0.0839	2.19E-4	-1.06E-4	-2.33E-5
	CC7	0.0316	0.0212	-0.0837	2.17E-4	-1.09E-4	-2.23E-5
	CC8	0.0307	-0.0096	-0.0660	-1.09E-4	-1.14E-4	-2.04E-5
	CC9	0.0310	-0.0097	-0.0657	-1.10E-4	-1.16E-4	-1.94E-5
	CC10	-0.0314	0.0095	-0.1088	1.05E-4	1.17E-4	1.84E-5
	CC11	-0.0311	0.0094	-0.1085	1.03E-4	1.15E-4	1.94E-5
	CC12	-0.0321	-0.0214	-0.0908	-2.22E-4	1.10E-4	2.14E-5
	CC13	-0.0318	-0.0216	-0.0906	-2.24E-4	1.07E-4	2.24E-5
	CC14	0.0098	0.0535	-0.1139	5.63E-4	-1.71E-5	-1.31E-5
	CC15	0.0107	0.0530	-0.1131	5.57E-4	-2.36E-5	-1.02E-5
	CC16	-0.0090	0.0500	-0.1213	5.29E-4	5.00E-5	-5.79E-7
	CC17	-0.0081	0.0495	-0.1205	5.23E-4	4.34E-5	2.34E-6
	CC18	0.0077	-0.0497	-0.0540	-5.28E-4	-4.24E-5	-3.30E-6
	CC19	0.0086	-0.0502	-0.0532	-5.34E-4	-4.90E-5	-3.79E-7
	CC20	-0.0112	-0.0533	-0.0615	-5.62E-4	2.46E-5	9.23E-6
	CC21	-0.0103	-0.0537	-0.0607	-5.68E-4	1.81E-5	1.21E-5

314	CC1	-0.0002	0.0000	-0.0896	-1.13E-7	1.40E-6	-7.63E-8
	CC2	-0.0002	0.0000	-0.0896	-1.13E-7	1.40E-6	-7.63E-8
	CC3	-0.0002	0.0000	-0.0896	-1.13E-7	1.40E-6	-7.63E-8
	CC4	-0.0002	0.0000	-0.0870	-1.22E-7	1.30E-6	-8.08E-8
	CC5	-0.0002	0.0000	-0.0870	-1.22E-7	1.30E-6	-8.08E-8
	CC6	0.0147	0.0059	-0.0831	1.33E-4	-1.07E-4	-6.45E-6
	CC7	0.0148	0.0059	-0.0828	1.32E-4	-1.09E-4	-6.19E-6
	CC8	0.0137	-0.0024	-0.0681	-5.71E-5	-1.09E-4	-5.16E-6
	CC9	0.0138	-0.0024	-0.0679	-5.80E-5	-1.11E-4	-4.90E-6
	CC10	-0.0141	0.0024	-0.1044	5.78E-5	1.13E-4	4.73E-6
	CC11	-0.0140	0.0023	-0.1042	5.68E-5	1.11E-4	4.99E-6
	CC12	-0.0151	-0.0059	-0.0895	-1.32E-4	1.11E-4	6.03E-6
	CC13	-0.0150	-0.0059	-0.0892	-1.33E-4	1.09E-4	6.29E-6
	CC14	0.0056	0.0144	-0.1083	3.29E-4	-2.54E-5	-4.31E-6
	CC15	0.0061	0.0143	-0.1075	3.26E-4	-3.10E-5	-3.53E-6
	CC16	-0.0030	0.0133	-0.1147	3.07E-4	4.06E-5	-9.56E-7
	CC17	-0.0026	0.0132	-0.1139	3.04E-4	3.50E-5	-1.72E-7
	CC18	0.0023	-0.0132	-0.0584	-3.04E-4	-3.24E-5	6.93E-9
	CC19	0.0027	-0.0133	-0.0576	-3.07E-4	-3.80E-5	7.91E-7
	CC20	-0.0064	-0.0143	-0.0648	-3.27E-4	3.35E-5	3.36E-6
	CC21	-0.0059	-0.0144	-0.0640	-3.30E-4	2.79E-5	4.15E-6
315	CC1	0.0009	-0.0016	-0.1107	-2.61E-5	4.45E-6	-5.65E-7
	CC2	0.0009	-0.0016	-0.1107	-2.61E-5	4.45E-6	-5.65E-7
	CC3	0.0009	-0.0016	-0.1107	-2.61E-5	4.45E-6	-5.65E-7
	CC4	0.0009	-0.0015	-0.1080	-2.39E-5	4.05E-6	-5.19E-7
	CC5	0.0009	-0.0015	-0.1080	-2.39E-5	4.05E-6	-5.19E-7
	CC6	0.0711	0.1066	-0.1557	2.35E-4	-1.70E-4	-6.89E-5
	CC7	0.0718	0.1029	-0.1552	2.27E-4	-1.72E-4	-6.60E-5
	CC8	0.0751	0.0010	-0.1304	-3.38E-5	-1.88E-4	-6.15E-5
	CC9	0.0759	-0.0027	-0.1299	-4.18E-5	-1.89E-4	-5.86E-5
	CC10	-0.0741	-0.0003	-0.0843	-4.60E-6	1.97E-4	5.76E-5
	CC11	-0.0734	-0.0040	-0.0838	-1.26E-5	1.96E-4	6.05E-5
	CC12	-0.0701	-0.1059	-0.0590	-2.74E-4	1.80E-4	6.50E-5
	CC13	-0.0694	-0.1096	-0.0585	-2.82E-4	1.78E-4	6.79E-5
	CC14	0.0148	0.1962	-0.1607	4.73E-4	-1.90E-5	-3.62E-5
	CC15	0.0170	0.1850	-0.1593	4.49E-4	-2.42E-5	-2.74E-5
	CC16	-0.0287	0.1641	-0.1393	4.01E-4	9.12E-5	1.72E-6
	CC17	-0.0266	0.1529	-0.1379	3.77E-4	8.60E-5	1.06E-5
	CC18	0.0283	-0.1559	-0.0764	-4.23E-4	-7.81E-5	-1.16E-5
	CC19	0.0305	-0.1670	-0.0749	-4.48E-4	-8.34E-5	-2.73E-6
	CC20	-0.0153	-0.1879	-0.0550	-4.95E-4	3.21E-5	2.64E-5
	CC21	-0.0131	-0.1991	-0.0535	-5.20E-4	2.68E-5	3.52E-5
316	CC1	0.0005	-0.0019	-0.1101	-2.79E-5	-1.06E-5	-1.44E-6
	CC2	0.0005	-0.0019	-0.1101	-2.79E-5	-1.06E-5	-1.44E-6
	CC3	0.0005	-0.0019	-0.1101	-2.79E-5	-1.06E-5	-1.44E-6
	CC4	0.0005	-0.0018	-0.1074	-2.53E-5	-1.06E-5	-1.28E-6
	CC5	0.0005	-0.0018	-0.1074	-2.53E-5	-1.06E-5	-1.28E-6
	CC6	0.0707	0.0912	-0.1338	2.36E-4	-1.69E-4	-6.96E-5
	CC7	0.0715	0.0882	-0.1330	2.28E-4	-1.71E-4	-6.67E-5
	CC8	0.0748	-0.0127	-0.1050	-4.99E-5	-1.85E-4	-6.22E-5
	CC9	0.0755	-0.0157	-0.1042	-5.78E-5	-1.86E-4	-5.93E-5
	CC10	-0.0745	0.0123	-0.1087	8.85E-6	1.65E-4	5.69E-5
	CC11	-0.0738	0.0092	-0.1079	9.77E-7	1.63E-4	5.98E-5
	CC12	-0.0704	-0.0917	-0.0799	-2.77E-4	1.50E-4	6.43E-5
	CC13	-0.0697	-0.0947	-0.0792	-2.85E-4	1.48E-4	6.72E-5
	CC14	0.0145	0.1879	-0.1593	4.98E-4	-3.29E-5	-3.70E-5
	CC15	0.0166	0.1787	-0.1570	4.74E-4	-3.77E-5	-2.81E-5
	CC16	-0.0291	0.1642	-0.1518	4.30E-4	6.74E-5	1.00E-6
	CC17	-0.0269	0.1551	-0.1494	4.06E-4	6.27E-5	9.83E-6
	CC18	0.0280	-0.1585	-0.0635	-4.55E-4	-8.39E-5	-1.23E-5
	CC19	0.0301	-0.1677	-0.0611	-4.79E-4	-8.86E-5	-3.45E-6
	CC20	-0.0156	-0.1822	-0.0560	-5.23E-4	1.64E-5	2.57E-5
	CC21	-0.0135	-0.1914	-0.0536	-5.47E-4	1.17E-5	3.45E-5
317	CC1	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	4.32E-1
	CC2	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	4.32E-1
	CC3	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	4.32E-1
	CC4	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	4.04E-1
	CC5	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	4.04E-1
	CC6	0.0000	0.0000	-0.1302	0.00E+0	0.00E+0	8.00E-9
	CC7	0.0000	0.0000	-0.1297	0.00E+0	0.00E+0	7.74E-9
	CC8	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	6.17E-9
	CC9	0.0000	0.0000	-0.1077	0.00E+0	0.00E+0	5.91E-9

	CC10	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	-5.12E-9
	CC11	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	-5.38E-9
	CC12	0.0000	0.0000	-0.0663	0.00E+0	0.00E+0	-6.95E-9
	CC13	0.0000	0.0000	-0.0658	0.00E+0	0.00E+0	-7.21E-9
	CC14	0.0000	0.0000	-0.1417	0.00E+0	0.00E+0	5.80E-9
	CC15	0.0000	0.0000	-0.1402	0.00E+0	0.00E+0	5.02E-9
	CC16	0.0000	0.0000	-0.1291	0.00E+0	0.00E+0	1.86E-9
	CC17	0.0000	0.0000	-0.1276	0.00E+0	0.00E+0	1.08E-9
	CC18	0.0000	0.0000	-0.0684	0.00E+0	0.00E+0	-2.92E-1
	CC19	0.0000	0.0000	-0.0669	0.00E+0	0.00E+0	-1.08E-9
	CC20	0.0000	0.0000	-0.0558	0.00E+0	0.00E+0	-4.23E-9
	CC21	0.0000	0.0000	-0.0543	0.00E+0	0.00E+0	-5.01E-9
318	CC1	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-4.30E-1
	CC2	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-4.30E-1
	CC3	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-4.30E-1
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-4.07E-1
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-4.07E-1
	CC6	0.0000	0.0000	-0.1259	0.00E+0	0.00E+0	1.36E-8
	CC7	0.0000	0.0000	-0.1254	0.00E+0	0.00E+0	1.31E-8
	CC8	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	1.05E-8
	CC9	0.0000	0.0000	-0.1031	0.00E+0	0.00E+0	9.94E-9
	CC10	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	-1.07E-8
	CC11	0.0000	0.0000	-0.0919	0.00E+0	0.00E+0	-1.13E-8
	CC12	0.0000	0.0000	-0.0702	0.00E+0	0.00E+0	-1.39E-8
	CC13	0.0000	0.0000	-0.0696	0.00E+0	0.00E+0	-1.44E-8
	CC14	0.0000	0.0000	-0.1407	0.00E+0	0.00E+0	9.34E-9
	CC15	0.0000	0.0000	-0.1391	0.00E+0	0.00E+0	7.56E-9
	CC16	0.0000	0.0000	-0.1307	0.00E+0	0.00E+0	2.02E-9
	CC17	0.0000	0.0000	-0.1291	0.00E+0	0.00E+0	2.46E-1
	CC18	0.0000	0.0000	-0.0665	0.00E+0	0.00E+0	-1.04E-9
	CC19	0.0000	0.0000	-0.0649	0.00E+0	0.00E+0	-2.82E-9
	CC20	0.0000	0.0000	-0.0564	0.00E+0	0.00E+0	-8.36E-9
	CC21	0.0000	0.0000	-0.0548	0.00E+0	0.00E+0	-1.01E-8
319	CC1	0.0009	0.0001	-0.1084	-1.02E-5	-1.83E-6	-1.32E-6
	CC2	0.0009	0.0001	-0.1084	-1.02E-5	-1.83E-6	-1.32E-6
	CC3	0.0009	0.0001	-0.1084	-1.02E-5	-1.83E-6	-1.32E-6
	CC4	0.0008	0.0001	-0.1058	-9.51E-6	-1.92E-6	-1.22E-6
	CC5	0.0008	0.0001	-0.1058	-9.51E-6	-1.92E-6	-1.22E-6
	CC6	0.0498	0.0855	-0.1608	3.97E-4	-2.60E-4	-6.50E-5
	CC7	0.0503	0.0825	-0.1605	3.83E-4	-2.63E-4	-6.24E-5
	CC8	0.0520	0.0058	-0.1374	9.26E-6	-2.77E-4	-4.76E-5
	CC9	0.0525	0.0029	-0.1370	-4.67E-6	-2.80E-4	-4.50E-5
	CC10	-0.0508	-0.0027	-0.0729	-1.39E-5	2.76E-4	4.26E-5
	CC11	-0.0503	-0.0057	-0.0725	-2.78E-5	2.74E-4	4.52E-5
	CC12	-0.0486	-0.0824	-0.0494	-4.01E-4	2.59E-4	6.00E-5
	CC13	-0.0481	-0.0854	-0.0491	-4.15E-4	2.57E-4	6.26E-5
	CC14	0.0114	0.1506	-0.1578	7.19E-4	-5.02E-5	-5.03E-5
	CC15	0.0129	0.1415	-0.1567	6.77E-4	-5.82E-5	-4.24E-5
	CC16	-0.0187	0.1241	-0.1314	5.96E-4	1.11E-4	-1.80E-5
	CC17	-0.0172	0.1151	-0.1303	5.54E-4	1.03E-4	-1.01E-5
	CC18	0.0189	-0.1150	-0.0796	-5.72E-4	-1.07E-4	7.73E-6
	CC19	0.0204	-0.1240	-0.0785	-6.14E-4	-1.15E-4	1.56E-5
	CC20	-0.0113	-0.1414	-0.0532	-6.95E-4	5.43E-5	4.00E-5
	CC21	-0.0098	-0.1504	-0.0521	-7.38E-4	4.63E-5	4.79E-5
320	CC1	0.0006	0.0005	-0.1061	6.76E-7	-3.65E-6	-1.08E-6
	CC2	0.0006	0.0005	-0.1061	6.76E-7	-3.65E-6	-1.08E-6
	CC3	0.0006	0.0005	-0.1061	6.76E-7	-3.65E-6	-1.08E-6
	CC4	0.0006	0.0004	-0.1036	4.72E-7	-3.61E-6	-1.00E-6
	CC5	0.0006	0.0004	-0.1036	4.72E-7	-3.61E-6	-1.00E-6
	CC6	0.0274	0.0482	-0.1522	4.39E-4	-2.47E-4	-4.24E-5
	CC7	0.0277	0.0465	-0.1518	4.23E-4	-2.50E-4	-4.08E-5
	CC8	0.0284	0.0041	-0.1292	2.90E-5	-2.59E-4	-3.10E-5
	CC9	0.0287	0.0024	-0.1288	1.37E-5	-2.61E-4	-2.93E-5
	CC10	-0.0275	-0.0016	-0.0766	-1.29E-5	2.54E-4	2.73E-5
	CC11	-0.0272	-0.0033	-0.0762	-2.82E-5	2.51E-4	2.90E-5
	CC12	-0.0265	-0.0457	-0.0537	-4.23E-4	2.43E-4	3.88E-5
	CC13	-0.0262	-0.0474	-0.0533	-4.38E-4	2.40E-4	4.05E-5
	CC14	0.0067	0.0839	-0.1529	7.74E-4	-5.61E-5	-3.31E-5
	CC15	0.0075	0.0789	-0.1517	7.28E-4	-6.36E-5	-2.80E-5
	CC16	-0.0097	0.0690	-0.1303	6.39E-4	9.43E-5	-1.22E-5
	CC17	-0.0089	0.0639	-0.1290	5.92E-4	8.68E-5	-7.06E-6
	CC18	0.0101	-0.0631	-0.0764	-5.91E-4	-9.40E-5	5.10E-6

	CC19	0.0109	-0.0682	-0.0752	-6.38E-4	-1.01E-4	1.02E-5
	CC20	-0.0063	-0.0781	-0.0538	-7.27E-4	5.64E-5	2.60E-5
	CC21	-0.0055	-0.0831	-0.0525	-7.73E-4	4.89E-5	3.11E-5
321	CC1	0.0003	0.0002	-0.1038	4.07E-6	-4.36E-6	-5.04E-7
	CC2	0.0003	0.0002	-0.1038	4.07E-6	-4.36E-6	-5.04E-7
	CC3	0.0003	0.0002	-0.1038	4.07E-6	-4.36E-6	-5.04E-7
	CC4	0.0002	0.0002	-0.1013	3.63E-6	-4.26E-6	-4.69E-7
	CC5	0.0002	0.0002	-0.1013	3.63E-6	-4.26E-6	-4.69E-7
	CC6	0.0086	0.0146	-0.1421	3.09E-4	-1.75E-4	-1.69E-5
	CC7	0.0087	0.0141	-0.1416	2.99E-4	-1.77E-4	-1.63E-5
	CC8	0.0088	0.0014	-0.1197	2.79E-5	-1.81E-4	-1.42E-5
	CC9	0.0089	0.0009	-0.1192	1.72E-5	-1.83E-4	-1.36E-5
	CC10	-0.0084	-0.0005	-0.0816	-1.03E-5	1.74E-4	1.26E-5
	CC11	-0.0084	-0.0010	-0.0812	-2.09E-5	1.72E-4	1.33E-5
	CC12	-0.0082	-0.0137	-0.0592	-2.92E-4	1.68E-4	1.53E-5
	CC13	-0.0081	-0.0142	-0.0588	-3.02E-4	1.66E-4	1.60E-5
	CC14	0.0022	0.0252	-0.1476	5.37E-4	-4.40E-5	-1.04E-5
	CC15	0.0025	0.0237	-0.1462	5.04E-4	-4.92E-5	-8.36E-6
	CC16	-0.0029	0.0206	-0.1294	4.41E-4	6.07E-5	-1.56E-6
	CC17	-0.0026	0.0191	-0.1281	4.08E-4	5.55E-5	5.13E-7
	CC18	0.0031	-0.0187	-0.0728	-4.01E-4	-6.40E-5	-1.43E-6
	CC19	0.0034	-0.0203	-0.0714	-4.34E-4	-6.92E-5	6.44E-7
	CC20	-0.0020	-0.0233	-0.0546	-4.97E-4	4.07E-5	7.45E-6
	CC21	-0.0017	-0.0248	-0.0533	-5.30E-4	3.55E-5	9.52E-6
322	CC1	-0.0001	-0.0001	-0.1076	-1.20E-5	-3.18E-6	8.43E-7
	CC2	-0.0001	-0.0001	-0.1076	-1.20E-5	-3.18E-6	8.43E-7
	CC3	-0.0001	-0.0001	-0.1076	-1.20E-5	-3.18E-6	8.43E-7
	CC4	-0.0001	-0.0001	-0.1049	-1.10E-5	-3.25E-6	8.14E-7
	CC5	-0.0001	-0.0001	-0.1049	-1.10E-5	-3.25E-6	8.14E-7
	CC6	0.0511	0.0648	-0.1043	3.20E-4	-2.58E-4	-4.17E-5
	CC7	0.0517	0.0627	-0.1035	3.10E-4	-2.61E-4	-3.98E-5
	CC8	0.0538	-0.0112	-0.0764	-6.24E-5	-2.74E-4	-4.69E-5
	CC9	0.0543	-0.0133	-0.0756	-7.30E-5	-2.77E-4	-4.50E-5
	CC10	-0.0545	0.0130	-0.1325	5.16E-5	2.70E-4	4.66E-5
	CC11	-0.0539	0.0109	-0.1317	4.10E-5	2.67E-4	4.85E-5
	CC12	-0.0518	-0.0629	-0.1046	-3.31E-4	2.54E-4	4.14E-5
	CC13	-0.0513	-0.0650	-0.1038	-3.42E-4	2.52E-4	4.34E-5
	CC14	0.0106	0.1374	-0.1476	6.83E-4	-5.26E-5	-6.75E-6
	CC15	0.0122	0.1311	-0.1452	6.51E-4	-6.04E-5	-9.50E-7
	CC16	-0.0211	0.1219	-0.1561	6.03E-4	1.06E-4	1.98E-5
	CC17	-0.0195	0.1156	-0.1536	5.71E-4	9.81E-5	2.56E-5
	CC18	0.0194	-0.1158	-0.0545	-5.92E-4	-1.05E-4	-2.39E-5
	CC19	0.0210	-0.1221	-0.0520	-6.24E-4	-1.12E-4	-1.81E-5
	CC20	-0.0123	-0.1313	-0.0629	-6.73E-4	5.38E-5	2.56E-6
	CC21	-0.0107	-0.1377	-0.0605	-7.05E-4	4.60E-5	8.36E-6
323	CC1	-0.0002	0.0004	-0.1055	-2.33E-7	3.47E-7	8.35E-7
	CC2	-0.0002	0.0004	-0.1055	-2.33E-7	3.47E-7	8.35E-7
	CC3	-0.0002	0.0004	-0.1055	-2.33E-7	3.47E-7	8.35E-7
	CC4	-0.0002	0.0004	-0.1029	-4.23E-7	2.99E-7	7.87E-7
	CC5	-0.0002	0.0004	-0.1029	-4.23E-7	2.99E-7	7.87E-7
	CC6	0.0283	0.0357	-0.1274	3.35E-4	-2.57E-4	-2.62E-5
	CC7	0.0286	0.0346	-0.1267	3.24E-4	-2.59E-4	-2.50E-5
	CC8	0.0297	-0.0058	-0.1013	-5.58E-5	-2.70E-4	-3.04E-5
	CC9	0.0300	-0.0070	-0.1006	-6.66E-5	-2.73E-4	-2.92E-5
	CC10	-0.0304	0.0076	-0.1036	6.57E-5	2.74E-4	3.07E-5
	CC11	-0.0301	0.0065	-0.1028	5.48E-5	2.71E-4	3.19E-5
	CC12	-0.0290	-0.0339	-0.0775	-3.25E-4	2.60E-4	2.65E-5
	CC13	-0.0287	-0.0351	-0.0767	-3.36E-4	2.57E-4	2.77E-5
	CC14	0.0058	0.0756	-0.1502	7.07E-4	-5.27E-5	-2.60E-6
	CC15	0.0067	0.0721	-0.1480	6.74E-4	-6.07E-5	1.11E-6
	CC16	-0.0118	0.0672	-0.1431	6.26E-4	1.06E-4	1.45E-5
	CC17	-0.0109	0.0637	-0.1409	5.93E-4	9.84E-5	1.82E-5
	CC18	0.0105	-0.0630	-0.0632	-5.94E-4	-9.78E-5	-1.66E-5
	CC19	0.0114	-0.0665	-0.0610	-6.27E-4	-1.06E-4	-1.29E-5
	CC20	-0.0071	-0.0715	-0.0561	-6.75E-4	6.13E-5	4.35E-7
	CC21	-0.0062	-0.0749	-0.0539	-7.08E-4	5.32E-5	4.14E-6
324	CC1	-0.0001	0.0002	-0.1033	3.74E-6	2.40E-6	4.29E-7
	CC2	-0.0001	0.0002	-0.1033	3.74E-6	2.40E-6	4.29E-7
	CC3	-0.0001	0.0002	-0.1033	3.74E-6	2.40E-6	4.29E-7
	CC4	-0.0001	0.0002	-0.1008	3.24E-6	2.34E-6	4.04E-7
	CC5	-0.0001	0.0002	-0.1008	3.24E-6	2.34E-6	4.04E-7
	CC6	0.0088	0.0106	-0.1227	2.28E-4	-1.81E-4	-1.38E-5

	CC7	0.0089	0.0103	-0.1221	2.21E-4	-1.83E-4	-1.31E-5
	CC8	0.0092	-0.0017	-0.0985	-3.59E-5	-1.91E-4	-1.40E-5
	CC9	0.0093	-0.0020	-0.0979	-4.32E-5	-1.93E-4	-1.34E-5
	CC10	-0.0095	0.0024	-0.1020	4.93E-5	1.97E-4	1.42E-5
	CC11	-0.0094	0.0021	-0.1014	4.21E-5	1.95E-4	1.48E-5
	CC12	-0.0091	-0.0099	-0.0778	-2.15E-4	1.88E-4	1.39E-5
	CC13	-0.0090	-0.0103	-0.0772	-2.22E-4	1.86E-4	1.46E-5
	CC14	0.0018	0.0224	-0.1444	4.81E-4	-3.63E-5	-4.31E-6
	CC15	0.0021	0.0214	-0.1424	4.59E-4	-4.21E-5	-2.42E-6
	CC16	-0.0037	0.0200	-0.1381	4.27E-4	7.73E-5	4.08E-6
	CC17	-0.0034	0.0190	-0.1362	4.05E-4	7.15E-5	5.97E-6
	CC18	0.0032	-0.0186	-0.0637	-3.99E-4	-6.69E-5	-5.18E-6
	CC19	0.0035	-0.0196	-0.0617	-4.21E-4	-7.27E-5	-3.29E-6
	CC20	-0.0023	-0.0211	-0.0575	-4.53E-4	4.67E-5	3.21E-6
	CC21	-0.0020	-0.0221	-0.0555	-4.75E-4	4.09E-5	5.10E-6
325	CC1	0.0000	0.0000	-0.1018	0.00E+0	0.00E+0	-1.00E-9
	CC2	0.0000	0.0000	-0.1018	0.00E+0	0.00E+0	-1.00E-9
	CC3	0.0000	0.0000	-0.1018	0.00E+0	0.00E+0	-1.00E-9
	CC4	0.0000	0.0000	-0.0995	0.00E+0	0.00E+0	-9.59E-1
	CC5	0.0000	0.0000	-0.0995	0.00E+0	0.00E+0	-9.59E-1
	CC6	0.0000	0.0000	-0.1164	0.00E+0	0.00E+0	1.07E-7
	CC7	0.0000	0.0000	-0.1167	0.00E+0	0.00E+0	1.03E-7
	CC8	0.0000	0.0000	-0.1221	0.00E+0	0.00E+0	5.00E-8
	CC9	0.0000	0.0000	-0.1224	0.00E+0	0.00E+0	4.56E-8
	CC10	0.0000	0.0000	-0.0750	0.00E+0	0.00E+0	-4.75E-8
	CC11	0.0000	0.0000	-0.0753	0.00E+0	0.00E+0	-5.19E-8
	CC12	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-1.05E-7
	CC13	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	-1.09E-7
	CC14	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	1.24E-7
	CC15	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	1.11E-7
	CC16	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	7.77E-8
	CC17	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	6.46E-8
	CC18	0.0000	0.0000	-0.1140	0.00E+0	0.00E+0	-6.64E-8
	CC19	0.0000	0.0000	-0.1147	0.00E+0	0.00E+0	-7.96E-8
	CC20	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	-1.13E-7
	CC21	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	-1.26E-7
326	CC1	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-2.89E-1
	CC2	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-2.89E-1
	CC3	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-2.89E-1
	CC4	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	-2.65E-1
	CC5	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	-2.65E-1
	CC6	0.0000	0.0000	-0.1212	0.00E+0	0.00E+0	8.07E-8
	CC7	0.0000	0.0000	-0.1212	0.00E+0	0.00E+0	7.74E-8
	CC8	0.0000	0.0000	-0.1187	0.00E+0	0.00E+0	3.94E-8
	CC9	0.0000	0.0000	-0.1188	0.00E+0	0.00E+0	3.61E-8
	CC10	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	-3.66E-8
	CC11	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	-3.99E-8
	CC12	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	-7.79E-8
	CC13	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	-8.12E-8
	CC14	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	9.12E-8
	CC15	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	8.12E-8
	CC16	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	5.60E-8
	CC17	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	4.60E-8
	CC18	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	-4.66E-8
	CC19	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-5.65E-8
	CC20	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-8.18E-8
	CC21	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	-9.17E-8
327	CC1	0.0028	-0.0011	-0.1086	-4.70E-6	-5.10E-6	8.51E-7
	CC2	0.0028	-0.0011	-0.1086	-4.70E-6	-5.10E-6	8.51E-7
	CC3	0.0028	-0.0011	-0.1086	-4.70E-6	-5.10E-6	8.51E-7
	CC4	0.0027	-0.0010	-0.1061	-4.11E-6	-5.07E-6	7.98E-7
	CC5	0.0027	-0.0010	-0.1061	-4.11E-6	-5.07E-6	7.98E-7
	CC6	0.0626	0.0984	-0.1211	5.13E-4	-3.17E-4	-5.54E-5
	CC7	0.0618	0.0948	-0.1229	4.94E-4	-3.12E-4	-5.30E-5
	CC8	0.0616	0.0224	-0.1597	1.15E-4	-3.09E-4	-4.81E-5
	CC9	0.0608	0.0188	-0.1614	9.59E-5	-3.05E-4	-4.57E-5
	CC10	-0.0555	-0.0207	-0.0490	-1.04E-4	2.95E-4	4.73E-5
	CC11	-0.0562	-0.0244	-0.0508	-1.22E-4	2.99E-4	4.97E-5
	CC12	-0.0565	-0.0967	-0.0876	-5.02E-4	3.02E-4	5.46E-5
	CC13	-0.0572	-0.1004	-0.0894	-5.20E-4	3.06E-4	5.70E-5
	CC14	0.0232	0.1490	-0.0491	7.80E-4	-1.15E-4	-3.04E-5
	CC15	0.0209	0.1380	-0.0545	7.23E-4	-1.02E-4	-2.32E-5

	CC16	-0.0122	0.1133	-0.0275	5.95E-4	6.82E-5	3.56E-7
	CC17	-0.0145	0.1023	-0.0328	5.39E-4	8.10E-5	7.61E-6
	CC18	0.0199	-0.1043	-0.1776	-5.46E-4	-9.11E-5	-6.05E-6
	CC19	0.0176	-0.1153	-0.1830	-6.03E-4	-7.83E-5	1.20E-6
	CC20	-0.0155	-0.1400	-0.1560	-7.31E-4	9.23E-5	2.48E-5
	CC21	-0.0179	-0.1510	-0.1614	-7.88E-4	1.05E-4	3.20E-5
328	CC1	0.0020	-0.0008	-0.1064	-3.83E-6	-1.37E-5	1.60E-7
	CC2	0.0020	-0.0008	-0.1064	-3.83E-6	-1.37E-5	1.60E-7
	CC3	0.0020	-0.0008	-0.1064	-3.83E-6	-1.37E-5	1.60E-7
	CC4	0.0019	-0.0007	-0.1039	-3.39E-6	-1.31E-5	1.23E-7
	CC5	0.0019	-0.0007	-0.1039	-3.39E-6	-1.31E-5	1.23E-7
	CC6	0.0352	0.0553	-0.1173	4.71E-4	-3.08E-4	-4.62E-5
	CC7	0.0347	0.0533	-0.1187	4.54E-4	-3.04E-4	-4.42E-5
	CC8	0.0348	0.0125	-0.1478	1.09E-4	-3.00E-4	-3.60E-5
	CC9	0.0344	0.0105	-0.1492	9.19E-5	-2.96E-4	-3.41E-5
	CC10	-0.0307	-0.0119	-0.0570	-9.83E-5	2.71E-4	3.43E-5
	CC11	-0.0311	-0.0140	-0.0584	-1.16E-4	2.75E-4	3.62E-5
	CC12	-0.0310	-0.0547	-0.0875	-4.60E-4	2.78E-4	4.45E-5
	CC13	-0.0315	-0.0568	-0.0889	-4.78E-4	2.82E-4	4.64E-5
	CC14	0.0129	0.0839	-0.0592	7.12E-4	-1.18E-4	-3.18E-5
	CC15	0.0116	0.0777	-0.0634	6.59E-4	-1.07E-4	-2.60E-5
	CC16	-0.0069	0.0637	-0.0411	5.41E-4	5.52E-5	-7.71E-6
	CC17	-0.0081	0.0575	-0.0454	4.88E-4	6.70E-5	-1.84E-6
	CC18	0.0118	-0.0589	-0.1609	-4.95E-4	-9.27E-5	2.06E-6
	CC19	0.0106	-0.0652	-0.1651	-5.47E-4	-8.09E-5	7.93E-6
	CC20	-0.0079	-0.0791	-0.1428	-6.66E-4	8.09E-5	2.62E-5
	CC21	-0.0092	-0.0853	-0.1471	-7.18E-4	9.27E-5	3.21E-5
329	CC1	0.0007	-0.0004	-0.1042	-5.97E-6	-1.37E-5	-1.47E-7
	CC2	0.0007	-0.0004	-0.1042	-5.97E-6	-1.37E-5	-1.47E-7
	CC3	0.0007	-0.0004	-0.1042	-5.97E-6	-1.37E-5	-1.47E-7
	CC4	0.0007	-0.0003	-0.1018	-5.60E-6	-1.30E-5	-1.66E-7
	CC5	0.0007	-0.0003	-0.1018	-5.60E-6	-1.30E-5	-1.66E-7
	CC6	0.0112	0.0186	-0.1133	3.62E-4	-2.25E-4	-2.90E-5
	CC7	0.0111	0.0179	-0.1143	3.49E-4	-2.23E-4	-2.78E-5
	CC8	0.0115	0.0041	-0.1339	8.12E-5	-2.28E-4	-2.04E-5
	CC9	0.0113	0.0034	-0.1348	6.77E-5	-2.26E-4	-1.92E-5
	CC10	-0.0100	-0.0041	-0.0672	-7.87E-5	2.00E-4	1.89E-5
	CC11	-0.0101	-0.0048	-0.0681	-9.21E-5	2.03E-4	2.01E-5
	CC12	-0.0097	-0.0186	-0.0877	-3.60E-4	1.97E-4	2.75E-5
	CC13	-0.0098	-0.0193	-0.0887	-3.73E-4	2.00E-4	2.87E-5
	CC14	0.0036	0.0283	-0.0723	5.49E-4	-7.53E-5	-2.35E-5
	CC15	0.0032	0.0262	-0.0751	5.08E-4	-6.75E-5	-1.99E-5
	CC16	-0.0027	0.0215	-0.0584	4.17E-4	5.24E-5	-9.10E-6
	CC17	-0.0031	0.0194	-0.0613	3.76E-4	6.02E-5	-5.51E-6
	CC18	0.0045	-0.0201	-0.1407	-3.87E-4	-8.58E-5	5.16E-6
	CC19	0.0041	-0.0222	-0.1436	-4.28E-4	-7.80E-5	8.75E-6
	CC20	-0.0019	-0.0269	-0.1269	-5.19E-4	4.19E-5	1.95E-5
	CC21	-0.0023	-0.0290	-0.1297	-5.60E-4	4.97E-5	2.31E-5
330	CC1	0.0024	-0.0011	-0.1066	-1.01E-5	-6.03E-6	-3.06E-7
	CC2	0.0024	-0.0011	-0.1066	-1.01E-5	-6.03E-6	-3.06E-7
	CC3	0.0024	-0.0011	-0.1066	-1.01E-5	-6.03E-6	-3.06E-7
	CC4	0.0023	-0.0010	-0.1043	-9.36E-6	-5.94E-6	-2.78E-7
	CC5	0.0023	-0.0010	-0.1043	-9.36E-6	-5.94E-6	-2.78E-7
	CC6	0.0569	0.0988	-0.1495	5.13E-4	-2.79E-4	-5.47E-5
	CC7	0.0567	0.0952	-0.1482	4.94E-4	-2.78E-4	-5.24E-5
	CC8	0.0586	0.0225	-0.1182	1.11E-4	-2.87E-4	-4.77E-5
	CC9	0.0584	0.0188	-0.1169	9.25E-5	-2.86E-4	-4.54E-5
	CC10	-0.0538	-0.0207	-0.0901	-1.11E-4	2.74E-4	4.49E-5
	CC11	-0.0539	-0.0243	-0.0888	-1.30E-4	2.75E-4	4.72E-5
	CC12	-0.0521	-0.0971	-0.0588	-5.12E-4	2.67E-4	5.18E-5
	CC13	-0.0523	-0.1007	-0.0575	-5.31E-4	2.68E-4	5.41E-5
	CC14	0.0164	0.1498	-0.1666	7.82E-4	-7.77E-5	-3.03E-5
	CC15	0.0159	0.1388	-0.1626	7.25E-4	-7.46E-5	-2.33E-5
	CC16	-0.0168	0.1140	-0.1488	5.95E-4	8.85E-5	-4.51E-7
	CC17	-0.0173	0.1029	-0.1447	5.38E-4	9.15E-5	6.54E-6
	CC18	0.0219	-0.1048	-0.0622	-5.56E-4	-1.03E-4	-7.07E-6
	CC19	0.0214	-0.1158	-0.0582	-6.13E-4	-1.00E-4	-8.66E-8
	CC20	-0.0113	-0.1406	-0.0444	-7.43E-4	6.28E-5	2.28E-5
	CC21	-0.0118	-0.1517	-0.0404	-8.00E-4	6.59E-5	2.98E-5
331	CC1	0.0016	-0.0003	-0.1050	-6.44E-6	-1.14E-5	3.88E-7
	CC2	0.0016	-0.0003	-0.1050	-6.44E-6	-1.14E-5	3.88E-7
	CC3	0.0016	-0.0003	-0.1050	-6.44E-6	-1.14E-5	3.88E-7

	CC4	0.0016	-0.0003	-0.1027	-5.92E-6	-1.10E-5	3.90E-7
	CC5	0.0016	-0.0003	-0.1027	-5.92E-6	-1.10E-5	3.90E-7
	CC6	0.0326	0.0558	-0.1417	4.72E-4	-2.76E-4	-4.34E-5
	CC7	0.0325	0.0537	-0.1407	4.55E-4	-2.76E-4	-4.16E-5
	CC8	0.0334	0.0129	-0.1178	1.07E-4	-2.85E-4	-3.35E-5
	CC9	0.0334	0.0108	-0.1167	8.97E-5	-2.84E-4	-3.17E-5
	CC10	-0.0303	-0.0113	-0.0870	-1.01E-4	2.63E-4	3.24E-5
	CC11	-0.0303	-0.0134	-0.0860	-1.19E-4	2.63E-4	3.43E-5
	CC12	-0.0294	-0.0542	-0.0631	-4.66E-4	2.54E-4	4.23E-5
	CC13	-0.0295	-0.0563	-0.0620	-4.84E-4	2.55E-4	4.41E-5
	CC14	0.0097	0.0844	-0.1516	7.15E-4	-7.84E-5	-3.02E-5
	CC15	0.0094	0.0782	-0.1485	6.63E-4	-7.59E-5	-2.47E-5
	CC16	-0.0092	0.0642	-0.1352	5.43E-4	8.33E-5	-7.46E-6
	CC17	-0.0095	0.0580	-0.1321	4.91E-4	8.57E-5	-1.99E-6
	CC18	0.0126	-0.0585	-0.0717	-5.02E-4	-1.08E-4	2.77E-6
	CC19	0.0123	-0.0648	-0.0686	-5.55E-4	-1.05E-4	8.24E-6
	CC20	-0.0063	-0.0787	-0.0553	-6.74E-4	5.41E-5	2.55E-5
	CC21	-0.0065	-0.0849	-0.0522	-7.27E-4	5.65E-5	3.10E-5
332	CC1	0.0006	0.0000	-0.1034	-1.10E-6	-1.12E-5	5.34E-7
	CC2	0.0006	0.0000	-0.1034	-1.10E-6	-1.12E-5	5.34E-7
	CC3	0.0006	0.0000	-0.1034	-1.10E-6	-1.12E-5	5.34E-7
	CC4	0.0006	0.0000	-0.1010	-8.51E-7	-1.09E-5	5.26E-7
	CC5	0.0006	0.0000	-0.1010	-8.51E-7	-1.09E-5	5.26E-7
	CC6	0.0107	0.0188	-0.1326	3.65E-4	-2.13E-4	-2.64E-5
	CC7	0.0107	0.0182	-0.1320	3.52E-4	-2.12E-4	-2.53E-5
	CC8	0.0110	0.0044	-0.1179	8.49E-5	-2.18E-4	-1.78E-5
	CC9	0.0110	0.0037	-0.1173	7.15E-5	-2.18E-4	-1.67E-5
	CC10	-0.0098	-0.0037	-0.0832	-7.31E-5	1.96E-4	1.78E-5
	CC11	-0.0098	-0.0044	-0.0826	-8.65E-5	1.97E-4	1.89E-5
	CC12	-0.0095	-0.0181	-0.0686	-3.53E-4	1.91E-4	2.63E-5
	CC13	-0.0096	-0.0188	-0.0680	-3.67E-4	1.91E-4	2.74E-5
	CC14	0.0032	0.0285	-0.1330	5.53E-4	-6.41E-5	-2.20E-5
	CC15	0.0031	0.0264	-0.1311	5.12E-4	-6.24E-5	-1.87E-5
	CC16	-0.0029	0.0217	-0.1182	4.21E-4	5.87E-5	-8.74E-6
	CC17	-0.0030	0.0197	-0.1163	3.80E-4	6.04E-5	-5.45E-6
	CC18	0.0041	-0.0196	-0.0842	-3.82E-4	-8.19E-5	6.49E-6
	CC19	0.0041	-0.0217	-0.0824	-4.23E-4	-8.02E-5	9.79E-6
	CC20	-0.0020	-0.0264	-0.0694	-5.14E-4	4.09E-5	1.97E-5
	CC21	-0.0021	-0.0285	-0.0676	-5.54E-4	4.26E-5	2.30E-5
333	CC1	0.0027	-0.0023	-0.1104	-1.14E-5	1.39E-6	2.08E-6
	CC2	0.0027	-0.0023	-0.1104	-1.14E-5	1.39E-6	2.08E-6
	CC3	0.0027	-0.0023	-0.1104	-1.14E-5	1.39E-6	2.08E-6
	CC4	0.0027	-0.0021	-0.1078	-1.05E-5	1.16E-6	1.84E-6
	CC5	0.0027	-0.0021	-0.1078	-1.05E-5	1.16E-6	1.84E-6
	CC6	0.0885	0.1457	-0.1250	5.61E-4	-2.28E-4	-6.67E-5
	CC7	0.0874	0.1403	-0.1270	5.41E-4	-2.27E-4	-6.37E-5
	CC8	0.0873	0.0357	-0.1774	1.07E-4	-2.84E-4	-5.93E-5
	CC9	0.0862	0.0304	-0.1794	8.66E-5	-2.83E-4	-5.63E-5
	CC10	-0.0809	-0.0345	-0.0345	-1.07E-4	2.85E-4	5.99E-5
	CC11	-0.0820	-0.0399	-0.0365	-1.27E-4	2.86E-4	6.28E-5
	CC12	-0.0821	-0.1444	-0.0869	-5.61E-4	2.29E-4	6.73E-5
	CC13	-0.0832	-0.1498	-0.0889	-5.81E-4	2.30E-4	7.02E-5
	CC14	0.0318	0.2164	-0.0301	8.77E-4	1.60E-5	-3.40E-5
	CC15	0.0283	0.2000	-0.0363	8.16E-4	1.89E-5	-2.51E-5
	CC16	-0.0191	0.1623	-0.0029	6.77E-4	1.70E-4	3.99E-6
	CC17	-0.0225	0.1460	-0.0092	6.16E-4	1.73E-4	1.28E-5
	CC18	0.0278	-0.1501	-0.2047	-6.37E-4	-1.71E-4	-9.29E-6
	CC19	0.0244	-0.1665	-0.2110	-6.97E-4	-1.68E-4	-4.63E-7
	CC20	-0.0230	-0.2041	-0.1776	-8.37E-4	-1.68E-5	2.87E-5
	CC21	-0.0265	-0.2205	-0.1838	-8.97E-4	-1.38E-5	3.75E-5
334	CC1	0.0000	-0.0001	-0.1032	-3.12E-6	-2.31E-5	1.20E-6
	CC2	0.0000	-0.0001	-0.1032	-3.12E-6	-2.31E-5	1.20E-6
	CC3	0.0000	-0.0001	-0.1032	-3.12E-6	-2.31E-5	1.20E-6
	CC4	0.0000	-0.0001	-0.1008	-2.86E-6	-2.24E-5	1.15E-6
	CC5	0.0000	-0.0001	-0.1008	-2.86E-6	-2.24E-5	1.15E-6
	CC6	0.0022	0.0069	-0.1182	1.19E-4	-9.12E-5	-1.31E-4
	CC7	0.0021	0.0066	-0.1189	1.15E-4	-9.65E-5	-1.26E-4
	CC8	0.0008	0.0032	-0.1362	2.55E-5	-2.47E-4	-6.06E-5
	CC9	0.0007	0.0029	-0.1369	2.12E-5	-2.52E-4	-5.53E-5
	CC10	-0.0008	-0.0030	-0.0631	-2.67E-5	2.08E-4	5.75E-5
	CC11	-0.0008	-0.0033	-0.0638	-3.11E-5	2.03E-4	6.29E-5
	CC12	-0.0022	-0.0067	-0.0811	-1.20E-4	5.22E-5	1.28E-4

	CC13	-0.0023	-0.0070	-0.0818	-1.25E-4	4.69E-5	1.33E-4
	CC14	0.0029	0.0080	-0.0773	1.82E-4	2.01E-4	-1.53E-4
	CC15	0.0027	0.0071	-0.0794	1.69E-4	1.85E-4	-1.37E-4
	CC16	0.0020	0.0050	-0.0608	1.38E-4	2.90E-4	-9.62E-5
	CC17	0.0018	0.0042	-0.0629	1.25E-4	2.75E-4	-8.00E-5
	CC18	-0.0018	-0.0043	-0.1372	-1.31E-4	-3.19E-4	8.23E-5
	CC19	-0.0021	-0.0051	-0.1393	-1.44E-4	-3.35E-4	9.85E-5
	CC20	-0.0027	-0.0073	-0.1206	-1.74E-4	-2.29E-4	1.39E-4
	CC21	-0.0030	-0.0081	-0.1228	-1.88E-4	-2.45E-4	1.55E-4
335	CC1	0.0030	-0.0018	-0.1092	-6.52E-6	9.51E-7	2.43E-6
	CC2	0.0030	-0.0018	-0.1092	-6.52E-6	9.51E-7	2.43E-6
	CC3	0.0030	-0.0018	-0.1092	-6.52E-6	9.51E-7	2.43E-6
	CC4	0.0029	-0.0016	-0.1067	-5.94E-6	6.78E-7	2.17E-6
	CC5	0.0029	-0.0016	-0.1067	-5.94E-6	6.78E-7	2.17E-6
	CC6	0.0612	0.1114	-0.1324	3.93E-4	-3.43E-4	-1.12E-4
	CC7	0.0605	0.1072	-0.1343	3.78E-4	-3.36E-4	-1.08E-4
	CC8	0.0628	0.0319	-0.1841	9.76E-5	-2.80E-4	-6.08E-5
	CC9	0.0620	0.0277	-0.1859	8.30E-5	-2.73E-4	-5.64E-5
	CC10	-0.0564	-0.0309	-0.0258	-9.45E-5	2.75E-4	6.06E-5
	CC11	-0.0571	-0.0351	-0.0276	-1.09E-4	2.81E-4	6.50E-5
	CC12	-0.0548	-0.1104	-0.0775	-3.90E-4	3.38E-4	1.12E-4
	CC13	-0.0556	-0.1145	-0.0793	-4.04E-4	3.44E-4	1.17E-4
	CC14	0.0190	0.1586	-0.0330	5.82E-4	-2.07E-4	-1.16E-4
	CC15	0.0168	0.1459	-0.0385	5.38E-4	-1.87E-4	-1.03E-4
	CC16	-0.0162	0.1159	-0.0010	4.35E-4	-2.17E-5	-6.45E-5
	CC17	-0.0185	0.1032	-0.0065	3.91E-4	-1.33E-6	-5.11E-5
	CC18	0.0242	-0.1063	-0.2052	-4.03E-4	2.51E-6	5.53E-5
	CC19	0.0219	-0.1190	-0.2107	-4.47E-4	2.28E-5	6.87E-5
	CC20	-0.0111	-0.1490	-0.1732	-5.49E-4	1.88E-4	1.07E-4
	CC21	-0.0134	-0.1617	-0.1787	-5.93E-4	2.08E-4	1.21E-4
336	CC1	0.0026	-0.0012	-0.1080	-5.28E-6	-8.96E-6	6.32E-6
	CC2	0.0026	-0.0012	-0.1080	-5.28E-6	-8.96E-6	6.32E-6
	CC3	0.0026	-0.0012	-0.1080	-5.28E-6	-8.96E-6	6.32E-6
	CC4	0.0025	-0.0011	-0.1055	-4.71E-6	-8.70E-6	6.00E-6
	CC5	0.0025	-0.0011	-0.1055	-4.71E-6	-8.70E-6	6.00E-6
	CC6	0.0363	0.0768	-0.1318	3.93E-4	-2.44E-4	-1.28E-4
	CC7	0.0360	0.0739	-0.1334	3.79E-4	-2.42E-4	-1.23E-4
	CC8	0.0389	0.0236	-0.1755	9.40E-5	-2.71E-4	-5.95E-5
	CC9	0.0385	0.0207	-0.1770	7.96E-5	-2.69E-4	-5.42E-5
	CC10	-0.0336	-0.0229	-0.0323	-8.87E-5	2.52E-4	6.60E-5
	CC11	-0.0340	-0.0258	-0.0339	-1.03E-4	2.54E-4	7.13E-5
	CC12	-0.0311	-0.0761	-0.0760	-3.88E-4	2.25E-4	1.35E-4
	CC13	-0.0315	-0.0790	-0.0775	-4.02E-4	2.27E-4	1.40E-4
	CC14	0.0093	0.1070	-0.0445	5.88E-4	-4.18E-5	-1.46E-4
	CC15	0.0081	0.0981	-0.0492	5.45E-4	-3.60E-5	-1.30E-4
	CC16	-0.0117	0.0771	-0.0146	4.44E-4	1.07E-4	-8.78E-5
	CC17	-0.0129	0.0682	-0.0194	4.00E-4	1.13E-4	-7.18E-5
	CC18	0.0177	-0.0705	-0.1900	-4.09E-4	-1.30E-4	8.36E-5
	CC19	0.0165	-0.0793	-0.1947	-4.53E-4	-1.24E-4	9.96E-5
	CC20	-0.0033	-0.1004	-0.1601	-5.54E-4	1.88E-5	1.42E-4
	CC21	-0.0045	-0.1092	-0.1649	-5.97E-4	2.45E-5	1.58E-4
337	CC1	0.0016	-0.0007	-0.1067	-7.44E-6	-1.25E-5	5.35E-6
	CC2	0.0016	-0.0007	-0.1067	-7.44E-6	-1.25E-5	5.35E-6
	CC3	0.0016	-0.0007	-0.1067	-7.44E-6	-1.25E-5	5.35E-6
	CC4	0.0016	-0.0007	-0.1042	-6.90E-6	-1.19E-5	5.15E-6
	CC5	0.0016	-0.0007	-0.1042	-6.90E-6	-1.19E-5	5.15E-6
	CC6	0.0163	0.0448	-0.1299	3.72E-4	-2.11E-4	-1.70E-4
	CC7	0.0161	0.0430	-0.1312	3.58E-4	-2.08E-4	-1.63E-4
	CC8	0.0188	0.0154	-0.1670	1.02E-4	-1.82E-4	-6.90E-5
	CC9	0.0187	0.0137	-0.1684	8.83E-5	-1.79E-4	-6.22E-5
	CC10	-0.0156	-0.0150	-0.0385	-1.02E-4	1.55E-4	7.23E-5
	CC11	-0.0157	-0.0167	-0.0398	-1.16E-4	1.59E-4	7.91E-5
	CC12	-0.0130	-0.0444	-0.0756	-3.71E-4	1.84E-4	1.73E-4
	CC13	-0.0131	-0.0461	-0.0770	-3.85E-4	1.88E-4	1.80E-4
	CC14	0.0023	0.0599	-0.0531	5.35E-4	-1.21E-4	-2.09E-4
	CC15	0.0019	0.0547	-0.0572	4.93E-4	-1.10E-4	-1.89E-4
	CC16	-0.0073	0.0420	-0.0257	3.93E-4	-1.07E-5	-1.37E-4
	CC17	-0.0077	0.0367	-0.0298	3.51E-4	4.29E-7	-1.16E-4
	CC18	0.0108	-0.0380	-0.1770	-3.64E-4	-2.38E-5	1.26E-4
	CC19	0.0104	-0.0433	-0.1811	-4.06E-4	-1.27E-5	1.47E-4
	CC20	0.0013	-0.0560	-0.1496	-5.06E-4	8.62E-5	1.99E-4
	CC21	0.0008	-0.0612	-0.1537	-5.49E-4	9.73E-5	2.20E-4

338	CC1	0.0027	-0.0017	-0.1082	-8.25E-6	-1.46E-6	-8.91E-7
	CC2	0.0027	-0.0017	-0.1082	-8.25E-6	-1.46E-6	-8.91E-7
	CC3	0.0027	-0.0017	-0.1082	-8.25E-6	-1.46E-6	-8.91E-7
	CC4	0.0026	-0.0015	-0.1059	-7.49E-6	-1.66E-6	-1.10E-6
	CC5	0.0026	-0.0015	-0.1059	-7.49E-6	-1.66E-6	-1.10E-6
	CC6	0.0804	0.1470	-0.1781	5.38E-4	-2.94E-4	-6.96E-5
	CC7	0.0801	0.1416	-0.1764	5.19E-4	-2.90E-4	-6.67E-5
	CC8	0.0821	0.0370	-0.1422	1.04E-4	-2.45E-4	-6.22E-5
	CC9	0.0818	0.0316	-0.1404	8.52E-5	-2.41E-4	-5.93E-5
	CC10	-0.0765	-0.0344	-0.0697	-9.97E-5	2.37E-4	5.69E-5
	CC11	-0.0769	-0.0399	-0.0680	-1.19E-4	2.41E-4	5.98E-5
	CC12	-0.0748	-0.1445	-0.0337	-5.34E-4	2.86E-4	6.43E-5
	CC13	-0.0751	-0.1499	-0.0320	-5.53E-4	2.91E-4	6.72E-5
	CC14	0.0237	0.2174	-0.1839	8.41E-4	-1.70E-4	-3.69E-5
	CC15	0.0228	0.2009	-0.1787	7.83E-4	-1.57E-4	-2.81E-5
	CC16	-0.0233	0.1629	-0.1514	6.50E-4	-1.06E-5	1.05E-6
	CC17	-0.0243	0.1465	-0.1462	5.92E-4	2.40E-6	9.88E-6
	CC18	0.0295	-0.1494	-0.0640	-6.06E-4	-5.85E-6	-1.22E-5
	CC19	0.0286	-0.1658	-0.0588	-6.64E-4	7.18E-6	-3.40E-6
	CC20	-0.0175	-0.2038	-0.0314	-7.98E-4	1.53E-4	2.57E-5
	CC21	-0.0185	-0.2202	-0.0263	-8.55E-4	1.67E-4	3.46E-5
339	CC1	0.0000	0.0000	-0.1028	-2.63E-6	-1.81E-5	5.39E-7
	CC2	0.0000	0.0000	-0.1028	-2.63E-6	-1.81E-5	5.39E-7
	CC3	0.0000	0.0000	-0.1028	-2.63E-6	-1.81E-5	5.39E-7
	CC4	0.0000	0.0000	-0.1005	-2.50E-6	-1.81E-5	4.98E-7
	CC5	0.0000	0.0000	-0.1005	-2.50E-6	-1.81E-5	4.98E-7
	CC6	-0.0012	0.0076	-0.1400	9.26E-5	-3.04E-4	-1.23E-4
	CC7	-0.0011	0.0073	-0.1395	8.93E-5	-2.97E-4	-1.18E-4
	CC8	-0.0006	0.0036	-0.1299	1.62E-5	-1.96E-4	-5.83E-5
	CC9	-0.0005	0.0033	-0.1294	1.30E-5	-1.89E-4	-5.33E-5
	CC10	0.0005	-0.0033	-0.0700	-1.79E-5	1.53E-4	5.42E-5
	CC11	0.0005	-0.0036	-0.0695	-2.11E-5	1.60E-4	5.92E-5
	CC12	0.0011	-0.0074	-0.0599	-9.42E-5	2.61E-4	1.19E-4
	CC13	0.0011	-0.0077	-0.0594	-9.75E-5	2.68E-4	1.24E-4
	CC14	-0.0013	0.0088	-0.1278	1.46E-4	-2.76E-4	-1.42E-4
	CC15	-0.0012	0.0079	-0.1263	1.36E-4	-2.56E-4	-1.27E-4
	CC16	-0.0008	0.0055	-0.1068	1.13E-4	-1.39E-4	-8.89E-5
	CC17	-0.0007	0.0046	-0.1053	1.03E-4	-1.19E-4	-7.37E-5
	CC18	0.0007	-0.0046	-0.0941	-1.08E-4	8.33E-5	7.47E-5
	CC19	0.0008	-0.0056	-0.0926	-1.18E-4	1.03E-4	8.99E-5
	CC20	0.0012	-0.0079	-0.0731	-1.41E-4	2.20E-4	1.28E-4
	CC21	0.0013	-0.0089	-0.0716	-1.51E-4	2.40E-4	1.43E-4
340	CC1	0.0027	-0.0013	-0.1075	-6.38E-6	1.55E-6	1.99E-6
	CC2	0.0027	-0.0013	-0.1075	-6.38E-6	1.55E-6	1.99E-6
	CC3	0.0027	-0.0013	-0.1075	-6.38E-6	1.55E-6	1.99E-6
	CC4	0.0026	-0.0012	-0.1052	-5.74E-6	1.55E-6	1.81E-6
	CC5	0.0026	-0.0012	-0.1052	-5.74E-6	1.55E-6	1.81E-6
	CC6	0.0601	0.1120	-0.1939	4.14E-4	-1.94E-4	-8.08E-5
	CC7	0.0598	0.1078	-0.1923	3.98E-4	-1.97E-4	-7.75E-5
	CC8	0.0586	0.0331	-0.1643	1.06E-4	-2.73E-4	-5.38E-5
	CC9	0.0582	0.0289	-0.1626	9.10E-5	-2.75E-4	-5.06E-5
	CC10	-0.0531	-0.0311	-0.0461	-1.02E-4	2.79E-4	5.41E-5
	CC11	-0.0534	-0.0353	-0.0445	-1.17E-4	2.76E-4	5.74E-5
	CC12	-0.0546	-0.1100	-0.0165	-4.09E-4	2.00E-4	8.10E-5
	CC13	-0.0550	-0.1142	-0.0149	-4.25E-4	1.97E-4	8.43E-5
	CC14	0.0227	0.1582	-0.1785	6.07E-4	6.58E-5	-6.84E-5
	CC15	0.0216	0.1455	-0.1735	5.61E-4	5.73E-5	-5.84E-5
	CC16	-0.0113	0.1153	-0.1341	4.53E-4	2.08E-4	-2.79E-5
	CC17	-0.0123	0.1025	-0.1292	4.06E-4	1.99E-4	-1.80E-5
	CC18	0.0175	-0.1048	-0.0796	-4.17E-4	-1.96E-4	2.15E-5
	CC19	0.0165	-0.1175	-0.0746	-4.64E-4	-2.04E-4	3.14E-5
	CC20	-0.0165	-0.1477	-0.0352	-5.72E-4	-5.42E-5	6.19E-5
	CC21	-0.0175	-0.1605	-0.0303	-6.18E-4	-6.26E-5	7.19E-5
341	CC1	0.0022	-0.0007	-0.1066	-6.86E-6	-7.66E-6	-6.17E-6
	CC2	0.0022	-0.0007	-0.1066	-6.86E-6	-7.66E-6	-6.17E-6
	CC3	0.0022	-0.0007	-0.1066	-6.86E-6	-7.66E-6	-6.17E-6
	CC4	0.0022	-0.0006	-0.1043	-6.34E-6	-7.59E-6	-6.23E-6
	CC5	0.0022	-0.0006	-0.1043	-6.34E-6	-7.59E-6	-6.23E-6
	CC6	0.0396	0.0773	-0.1853	3.80E-4	-2.63E-4	-1.33E-4
	CC7	0.0392	0.0744	-0.1839	3.66E-4	-2.61E-4	-1.28E-4
	CC8	0.0363	0.0246	-0.1607	8.70E-5	-2.45E-4	-7.79E-5
	CC9	0.0360	0.0217	-0.1593	7.31E-5	-2.42E-4	-7.28E-5

	CC10	-0.0316	-0.0229	-0.0477	-8.55E-5	2.27E-4	6.03E-5
	CC11	-0.0319	-0.0258	-0.0464	-9.93E-5	2.30E-4	6.54E-5
	CC12	-0.0349	-0.0755	-0.0232	-3.79E-4	2.46E-4	1.15E-4
	CC13	-0.0352	-0.0784	-0.0218	-3.92E-4	2.48E-4	1.20E-4
	CC14	0.0188	0.1066	-0.1672	5.73E-4	-1.16E-4	-1.34E-4
	CC15	0.0178	0.0977	-0.1630	5.31E-4	-1.09E-4	-1.19E-4
	CC16	-0.0026	0.0765	-0.1260	4.34E-4	3.12E-5	-7.65E-5
	CC17	-0.0035	0.0677	-0.1218	3.91E-4	3.86E-5	-6.12E-5
	CC18	0.0079	-0.0688	-0.0852	-4.04E-4	-5.37E-5	4.87E-5
	CC19	0.0069	-0.0777	-0.0811	-4.46E-4	-4.63E-5	6.40E-5
	CC20	-0.0135	-0.0989	-0.0440	-5.43E-4	9.35E-5	1.07E-4
	CC21	-0.0144	-0.1078	-0.0398	-5.86E-4	1.01E-4	1.22E-4
342	CC1	0.0014	-0.0003	-0.1058	-2.62E-6	-1.36E-5	-4.70E-6
	CC2	0.0014	-0.0003	-0.1058	-2.62E-6	-1.36E-5	-4.70E-6
	CC3	0.0014	-0.0003	-0.1058	-2.62E-6	-1.36E-5	-4.70E-6
	CC4	0.0014	-0.0002	-0.1034	-2.13E-6	-1.32E-5	-4.77E-6
	CC5	0.0014	-0.0002	-0.1034	-2.13E-6	-1.32E-5	-4.77E-6
	CC6	0.0203	0.0453	-0.1775	3.80E-4	-1.89E-4	-1.74E-4
	CC7	0.0201	0.0436	-0.1763	3.66E-4	-1.89E-4	-1.67E-4
	CC8	0.0170	0.0163	-0.1567	1.15E-4	-2.00E-4	-8.68E-5
	CC9	0.0168	0.0146	-0.1555	1.01E-4	-2.00E-4	-8.01E-5
	CC10	-0.0140	-0.0150	-0.0499	-1.05E-4	1.74E-4	7.05E-5
	CC11	-0.0143	-0.0167	-0.0487	-1.19E-4	1.74E-4	7.73E-5
	CC12	-0.0173	-0.0440	-0.0290	-3.70E-4	1.63E-4	1.58E-4
	CC13	-0.0175	-0.0458	-0.0278	-3.84E-4	1.63E-4	1.65E-4
	CC14	0.0124	0.0598	-0.1584	5.34E-4	-4.89E-5	-1.97E-4
	CC15	0.0117	0.0546	-0.1548	4.91E-4	-4.94E-5	-1.77E-4
	CC16	0.0021	0.0418	-0.1201	3.88E-4	6.00E-5	-1.24E-4
	CC17	0.0014	0.0365	-0.1165	3.45E-4	5.95E-5	-1.03E-4
	CC18	0.0014	-0.0369	-0.0889	-3.49E-4	-8.55E-5	9.38E-5
	CC19	0.0007	-0.0422	-0.0852	-3.92E-4	-8.60E-5	1.14E-4
	CC20	-0.0089	-0.0550	-0.0506	-4.95E-4	2.34E-5	1.67E-4
	CC21	-0.0096	-0.0603	-0.0469	-5.38E-4	2.29E-5	1.88E-4
343	CC1	-0.0004	-0.0026	-0.0919	-1.68E-5	0.00E+0	-5.26E-7
	CC2	-0.0004	-0.0026	-0.0919	-1.68E-5	0.00E+0	-5.26E-7
	CC3	-0.0004	-0.0026	-0.0919	-1.68E-5	0.00E+0	-5.26E-7
	CC4	-0.0003	-0.0024	-0.0892	-1.58E-5	0.00E+0	-4.41E-7
	CC5	-0.0003	-0.0024	-0.0892	-1.58E-5	0.00E+0	-4.41E-7
	CC6	0.0703	0.0140	-0.0643	9.85E-5	5.25E-29	-6.88E-5
	CC7	0.0710	0.0142	-0.0637	9.81E-5	5.25E-29	-6.59E-5
	CC8	0.0742	-0.0817	-0.0229	-3.34E-4	1.98E-29	-6.14E-5
	CC9	0.0749	-0.0816	-0.0224	-3.35E-4	1.98E-29	-5.85E-5
	CC10	-0.0754	0.0769	-0.1542	3.04E-4	-1.98E-29	5.77E-5
	CC11	-0.0748	0.0771	-0.1537	3.03E-4	-1.98E-29	6.06E-5
	CC12	-0.0715	-0.0189	-0.1129	-1.29E-4	-5.25E-29	6.51E-5
	CC13	-0.0709	-0.0187	-0.1123	-1.29E-4	-5.25E-29	6.80E-5
	CC14	0.0141	0.1476	-0.1444	6.76E-4	6.53E-29	-3.61E-5
	CC15	0.0161	0.1481	-0.1429	6.74E-4	6.53E-29	-2.73E-5
	CC16	-0.0297	0.1664	-0.1714	7.37E-4	4.36E-29	1.81E-6
	CC17	-0.0277	0.1670	-0.1699	7.36E-4	4.36E-29	1.06E-5
	CC18	0.0271	-0.1716	-0.0067	-7.67E-4	-4.36E-29	-1.15E-5
	CC19	0.0291	-0.1711	-0.0052	-7.68E-4	-4.36E-29	-2.64E-6
	CC20	-0.0166	-0.1528	-0.0337	-7.05E-4	-6.53E-29	2.65E-5
	CC21	-0.0146	-0.1522	-0.0322	-7.06E-4	-6.53E-29	3.53E-5
344	CC1	-0.0003	-0.0025	-0.0922	-1.84E-5	0.00E+0	-1.20E-6
	CC2	-0.0003	-0.0025	-0.0922	-1.84E-5	0.00E+0	-1.20E-6
	CC3	-0.0003	-0.0025	-0.0922	-1.84E-5	0.00E+0	-1.20E-6
	CC4	-0.0002	-0.0023	-0.0895	-1.72E-5	0.00E+0	-1.11E-6
	CC5	-0.0002	-0.0023	-0.0895	-1.72E-5	0.00E+0	-1.11E-6
	CC6	0.0704	0.0201	-0.0718	1.19E-4	2.57E-29	-6.95E-5
	CC7	0.0711	0.0200	-0.0714	1.17E-4	2.57E-29	-6.66E-5
	CC8	0.0743	-0.0763	-0.0382	-3.07E-4	9.60E-3	-6.21E-5
	CC9	0.0750	-0.0764	-0.0377	-3.09E-4	9.60E-3	-5.92E-5
	CC10	-0.0754	0.0719	-0.1395	2.75E-4	-9.60E-3	5.70E-5
	CC11	-0.0747	0.0718	-0.1390	2.74E-4	-9.60E-3	5.99E-5
	CC12	-0.0714	-0.0245	-0.1058	-1.51E-4	-2.57E-29	6.44E-5
	CC13	-0.0708	-0.0246	-0.1054	-1.52E-4	-2.57E-29	6.73E-5
	CC14	0.0142	0.1508	-0.1351	6.72E-4	3.21E-29	-3.68E-5
	CC15	0.0161	0.1506	-0.1338	6.68E-4	3.21E-29	-2.80E-5
	CC16	-0.0296	0.1663	-0.1554	7.19E-4	2.15E-29	1.14E-6
	CC17	-0.0276	0.1661	-0.1541	7.15E-4	2.15E-29	9.97E-6
	CC18	0.0272	-0.1706	-0.0231	-7.48E-4	-2.15E-29	-1.21E-5

	CC19	0.0292	-0.1708	-0.0217	-7.53E-4	-2.15E-29	-3.31E-6
	CC20	-0.0165	-0.1551	-0.0434	-7.01E-4	-3.21E-29	2.58E-5
	CC21	-0.0146	-0.1553	-0.0420	-7.06E-4	-3.21E-29	3.46E-5
345	CC1	-0.0002	-0.0023	-0.0925	-1.88E-5	0.00E+0	-2.51E-6
	CC2	-0.0002	-0.0023	-0.0925	-1.88E-5	0.00E+0	-2.51E-6
	CC3	-0.0002	-0.0023	-0.0925	-1.88E-5	0.00E+0	-2.51E-6
	CC4	-0.0001	-0.0022	-0.0898	-1.75E-5	0.00E+0	-2.41E-6
	CC5	-0.0001	-0.0022	-0.0898	-1.75E-5	0.00E+0	-2.41E-6
	CC6	0.0705	0.0670	-0.0785	1.41E-4	1.76E-29	-7.08E-5
	CC7	0.0711	0.0667	-0.0782	1.38E-4	1.76E-29	-6.79E-5
	CC8	0.0744	-0.0301	-0.0507	-2.92E-4	6.79E-3	-6.34E-5
	CC9	0.0751	-0.0304	-0.0503	-2.95E-4	6.79E-3	-6.05E-5
	CC10	-0.0753	0.0262	-0.1276	2.60E-4	-6.79E-3	5.57E-5
	CC11	-0.0746	0.0259	-0.1272	2.58E-4	-6.79E-3	5.86E-5
	CC12	-0.0714	-0.0709	-0.0997	-1.72E-4	-1.76E-29	6.31E-5
	CC13	-0.0707	-0.0712	-0.0994	-1.75E-4	-1.76E-29	6.60E-5
	CC14	0.0143	0.1663	-0.1285	6.90E-4	2.17E-29	-3.81E-5
	CC15	0.0162	0.1653	-0.1274	6.83E-4	2.17E-29	-2.93E-5
	CC16	-0.0295	0.1541	-0.1432	7.26E-4	1.44E-29	-1.53E-7
	CC17	-0.0275	0.1531	-0.1421	7.19E-4	1.44E-29	8.68E-6
	CC18	0.0273	-0.1573	-0.0358	-7.53E-4	-1.44E-29	-1.34E-5
	CC19	0.0293	-0.1583	-0.0346	-7.60E-4	-1.44E-29	-4.60E-6
	CC20	-0.0165	-0.1695	-0.0505	-7.17E-4	-2.17E-29	2.45E-5
	CC21	-0.0145	-0.1705	-0.0493	-7.24E-4	-2.17E-29	3.34E-5
346	CC1	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.14E-1
	CC2	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.14E-1
	CC3	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.14E-1
	CC4	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.30E-1
	CC5	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.30E-1
	CC6	0.0000	0.0000	-0.0739	0.00E+0	0.00E+0	1.09E-8
	CC7	0.0000	0.0000	-0.0736	0.00E+0	0.00E+0	1.10E-8
	CC8	0.0000	0.0000	-0.0638	0.00E+0	0.00E+0	9.60E-1
	CC9	0.0000	0.0000	-0.0635	0.00E+0	0.00E+0	1.07E-9
	CC10	0.0000	0.0000	-0.1066	0.00E+0	0.00E+0	-8.04E-1
	CC11	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	-6.91E-1
	CC12	0.0000	0.0000	-0.0965	0.00E+0	0.00E+0	-1.07E-8
	CC13	0.0000	0.0000	-0.0963	0.00E+0	0.00E+0	-1.06E-8
	CC14	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	1.83E-8
	CC15	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	1.86E-8
	CC16	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	1.48E-8
	CC17	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	1.51E-8
	CC18	0.0000	0.0000	-0.0639	0.00E+0	0.00E+0	-1.48E-8
	CC19	0.0000	0.0000	-0.0630	0.00E+0	0.00E+0	-1.45E-8
	CC20	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	-1.84E-8
	CC21	0.0000	0.0000	-0.0728	0.00E+0	0.00E+0	-1.80E-8
347	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	4.35E-11
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	4.35E-11
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	4.35E-11
	CC4	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	4.48E-11
	CC5	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	4.48E-11
	CC6	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	1.17E-9
	CC7	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	1.20E-9
	CC8	0.0000	0.0000	-0.0654	0.00E+0	0.00E+0	9.99E-1
	CC9	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	1.02E-9
	CC10	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	-9.29E-1
	CC11	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	-9.08E-1
	CC12	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	-1.11E-9
	CC13	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	-1.08E-9
	CC14	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	6.22E-1
	CC15	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	6.86E-1
	CC16	0.0000	0.0000	-0.1080	0.00E+0	0.00E+0	-8.87E-12
	CC17	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	5.53E-11
	CC18	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	3.53E-11
	CC19	0.0000	0.0000	-0.0620	0.00E+0	0.00E+0	9.94E-11
	CC20	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	-5.96E-1
	CC21	0.0000	0.0000	-0.0706	0.00E+0	0.00E+0	-5.32E-1
348	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-8.13E-11
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-8.13E-11
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-8.13E-11
	CC4	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-7.08E-11
	CC5	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-7.08E-11
	CC6	0.0000	0.0000	-0.0791	0.00E+0	0.00E+0	1.23E-9

	CC7	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	1.27E-9
	CC8	0.0000	0.0000	-0.0676	0.00E+0	0.00E+0	8.59E-1
	CC9	0.0000	0.0000	-0.0673	0.00E+0	0.00E+0	9.05E-1
	CC10	0.0000	0.0000	-0.1026	0.00E+0	0.00E+0	-1.04E-9
	CC11	0.0000	0.0000	-0.1024	0.00E+0	0.00E+0	-9.94E-1
	CC12	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	-1.41E-9
	CC13	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	-1.36E-9
	CC14	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	8.13E-1
	CC15	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	9.53E-1
	CC16	0.0000	0.0000	-0.1081	0.00E+0	0.00E+0	1.34E-1
	CC17	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	2.73E-1
	CC18	0.0000	0.0000	-0.0626	0.00E+0	0.00E+0	-4.08E-1
	CC19	0.0000	0.0000	-0.0619	0.00E+0	0.00E+0	-2.68E-1
	CC20	0.0000	0.0000	-0.0697	0.00E+0	0.00E+0	-1.09E-9
	CC21	0.0000	0.0000	-0.0689	0.00E+0	0.00E+0	-9.48E-1
349	CC1	-0.0027	-0.0025	-0.0903	0.00E+0	-3.48E-6	6.69E-6
	CC2	-0.0027	-0.0025	-0.0903	0.00E+0	-3.48E-6	6.69E-6
	CC3	-0.0027	-0.0025	-0.0903	0.00E+0	-3.48E-6	6.69E-6
	CC4	-0.0026	-0.0023	-0.0882	0.00E+0	-3.19E-6	6.17E-6
	CC5	-0.0026	-0.0023	-0.0882	0.00E+0	-3.19E-6	6.17E-6
	CC6	0.0811	-0.1538	-0.0518	5.25E-29	-3.12E-4	-6.24E-5
	CC7	0.0802	-0.1465	-0.0516	5.25E-29	-3.09E-4	-5.95E-5
	CC8	0.0803	-0.2314	-0.0580	1.97E-29	-3.16E-4	-5.50E-5
	CC9	0.0794	-0.2241	-0.0578	1.97E-29	-3.13E-4	-5.21E-5
	CC10	-0.0845	0.2195	-0.1173	-1.97E-29	3.06E-4	6.41E-5
	CC11	-0.0854	0.2268	-0.1170	-1.97E-29	3.10E-4	6.70E-5
	CC12	-0.0852	0.1419	-0.1235	-5.25E-29	3.03E-4	7.15E-5
	CC13	-0.0861	0.1492	-0.1232	-5.25E-29	3.06E-4	7.44E-5
	CC14	0.0249	0.0599	-0.0677	6.54E-29	-9.47E-5	-2.97E-5
	CC15	0.0221	0.0822	-0.0670	6.54E-29	-8.40E-5	-2.09E-5
	CC16	-0.0248	0.1719	-0.0874	4.37E-29	9.09E-5	8.22E-6
	CC17	-0.0276	0.1942	-0.0866	4.37E-29	1.02E-4	1.70E-5
	CC18	0.0225	-0.1987	-0.0884	-4.37E-29	-1.08E-4	-5.06E-6
	CC19	0.0198	-0.1765	-0.0877	-4.37E-29	-9.70E-5	3.77E-6
	CC20	-0.0272	-0.0867	-0.1080	-6.54E-29	7.78E-5	3.29E-5
	CC21	-0.0299	-0.0645	-0.1073	-6.54E-29	8.86E-5	4.17E-5
350	CC1	-0.0021	-0.0024	-0.0892	0.00E+0	-1.91E-6	6.52E-6
	CC2	-0.0021	-0.0024	-0.0892	0.00E+0	-1.91E-6	6.52E-6
	CC3	-0.0021	-0.0024	-0.0892	0.00E+0	-1.91E-6	6.52E-6
	CC4	-0.0020	-0.0022	-0.0872	0.00E+0	-1.78E-6	6.00E-6
	CC5	-0.0020	-0.0022	-0.0872	0.00E+0	-1.78E-6	6.00E-6
	CC6	0.0785	-0.1537	-0.0423	2.57E-29	-3.01E-4	-6.26E-5
	CC7	0.0778	-0.1464	-0.0440	2.57E-29	-2.99E-4	-5.97E-5
	CC8	0.0796	-0.2313	-0.0256	9.68E-3	-3.04E-4	-5.52E-5
	CC9	0.0789	-0.2240	-0.0272	9.68E-3	-3.02E-4	-5.23E-5
	CC10	-0.0828	0.2196	-0.1458	-9.68E-3	2.99E-4	6.39E-5
	CC11	-0.0835	0.2269	-0.1474	-9.68E-3	3.01E-4	6.68E-5
	CC12	-0.0817	0.1420	-0.1290	-2.57E-29	2.96E-4	7.13E-5
	CC13	-0.0824	0.1494	-0.1307	-2.57E-29	2.98E-4	7.42E-5
	CC14	0.0214	0.0600	-0.0964	3.20E-29	-8.94E-5	-2.99E-5
	CC15	0.0195	0.0823	-0.1014	3.20E-29	-8.36E-5	-2.11E-5
	CC16	-0.0270	0.1720	-0.1274	2.14E-29	9.06E-5	8.05E-6
	CC17	-0.0289	0.1943	-0.1324	2.14E-29	9.64E-5	1.69E-5
	CC18	0.0250	-0.1986	-0.0406	-2.14E-29	-9.99E-5	-5.23E-6
	CC19	0.0231	-0.1764	-0.0456	-2.14E-29	-9.41E-5	3.60E-6
	CC20	-0.0234	-0.0866	-0.0716	-3.20E-29	8.02E-5	3.27E-5
	CC21	-0.0253	-0.0644	-0.0766	-3.20E-29	8.60E-5	4.16E-5
351	CC1	0.0000	0.0001	-0.0868	-3.13E-6	1.92E-5	-1.90E-7
	CC2	0.0000	0.0001	-0.0868	-3.13E-6	1.92E-5	-1.90E-7
	CC3	0.0000	0.0001	-0.0868	-3.13E-6	1.92E-5	-1.90E-7
	CC4	0.0000	0.0001	-0.0848	-2.81E-6	1.85E-5	-1.87E-7
	CC5	0.0000	0.0001	-0.0848	-2.81E-6	1.85E-5	-1.87E-7
	CC6	-0.0007	-0.0155	-0.0571	-1.80E-4	-1.49E-4	1.63E-5
	CC7	-0.0007	-0.0148	-0.0574	-1.71E-4	-1.51E-4	1.56E-5
	CC8	-0.0005	-0.0211	-0.0556	-2.80E-4	-1.09E-4	2.18E-5
	CC9	-0.0005	-0.0204	-0.0558	-2.71E-4	-1.11E-4	2.11E-5
	CC10	0.0005	0.0206	-0.1124	2.65E-4	1.47E-4	-2.14E-5
	CC11	0.0004	0.0213	-0.1126	2.74E-4	1.45E-4	-2.22E-5
	CC12	0.0007	0.0150	-0.1108	1.66E-4	1.88E-4	-1.60E-5
	CC13	0.0007	0.0157	-0.1111	1.75E-4	1.86E-4	-1.67E-5
	CC14	-0.0005	0.0029	-0.0779	8.33E-5	-9.07E-5	-2.54E-6
	CC15	-0.0006	0.0050	-0.0788	1.10E-4	-9.69E-5	-4.73E-6

	CC16	-0.0002	0.0137	-0.0945	2.17E-4	-1.68E-6	-1.39E-5
	CC17	-0.0002	0.0158	-0.0954	2.44E-4	-7.90E-6	-1.61E-5
	CC18	0.0002	-0.0157	-0.0728	-2.49E-4	4.45E-5	1.57E-5
	CC19	0.0001	-0.0136	-0.0737	-2.22E-4	3.83E-5	1.35E-5
	CC20	0.0006	-0.0049	-0.0894	-1.15E-4	1.33E-4	4.36E-6
	CC21	0.0005	-0.0028	-0.0903	-8.87E-5	1.27E-4	2.17E-6
352	CC1	0.0000	0.0001	-0.0864	-5.60E-6	1.57E-5	-6.29E-8
	CC2	0.0000	0.0001	-0.0864	-5.60E-6	1.57E-5	-6.29E-8
	CC3	0.0000	0.0001	-0.0864	-5.60E-6	1.57E-5	-6.29E-8
	CC4	0.0000	0.0001	-0.0844	-5.26E-6	1.52E-5	-6.66E-8
	CC5	0.0000	0.0001	-0.0844	-5.26E-6	1.52E-5	-6.66E-8
	CC6	0.0029	-0.0155	-0.0519	-1.80E-4	-1.56E-4	1.73E-5
	CC7	0.0028	-0.0148	-0.0531	-1.71E-4	-1.53E-4	1.66E-5
	CC8	0.0040	-0.0210	-0.0406	-2.81E-4	-1.76E-4	2.30E-5
	CC9	0.0039	-0.0203	-0.0418	-2.72E-4	-1.73E-4	2.23E-5
	CC10	-0.0039	0.0205	-0.1256	2.62E-4	2.03E-4	-2.24E-5
	CC11	-0.0041	0.0212	-0.1268	2.71E-4	2.06E-4	-2.32E-5
	CC12	-0.0029	0.0150	-0.1144	1.61E-4	1.83E-4	-1.67E-5
	CC13	-0.0030	0.0157	-0.1155	1.69E-4	1.86E-4	-1.75E-5
	CC14	-0.0006	0.0029	-0.0897	8.48E-5	-9.84E-6	-2.45E-6
	CC15	-0.0010	0.0050	-0.0932	1.11E-4	-5.75E-7	-4.76E-6
	CC16	-0.0026	0.0137	-0.1118	2.17E-4	9.80E-5	-1.44E-5
	CC17	-0.0030	0.0158	-0.1153	2.43E-4	1.07E-4	-1.67E-5
	CC18	0.0030	-0.0156	-0.0521	-2.54E-4	-7.71E-5	1.65E-5
	CC19	0.0026	-0.0135	-0.0556	-2.28E-4	-6.78E-5	1.42E-5
	CC20	0.0009	-0.0048	-0.0743	-1.21E-4	3.08E-5	4.62E-6
	CC21	0.0005	-0.0027	-0.0777	-9.51E-5	4.00E-5	2.31E-6
353	CC1	0.0023	-0.0022	-0.1100	2.49E-5	8.95E-7	-1.39E-5
	CC2	0.0023	-0.0022	-0.1100	2.49E-5	8.95E-7	-1.39E-5
	CC3	0.0023	-0.0022	-0.1100	2.49E-5	8.95E-7	-1.39E-5
	CC4	0.0023	-0.0020	-0.1075	2.46E-5	4.79E-7	-1.35E-5
	CC5	0.0023	-0.0020	-0.1075	2.46E-5	4.79E-7	-1.35E-5
	CC6	0.0866	0.1519	-0.1440	2.64E-4	-3.75E-4	-8.19E-5
	CC7	0.0856	0.1462	-0.1452	2.56E-4	-3.67E-4	-7.90E-5
	CC8	0.0857	0.0413	-0.1830	8.51E-5	-2.92E-4	-7.45E-5
	CC9	0.0847	0.0356	-0.1842	7.69E-5	-2.84E-4	-7.16E-5
	CC10	-0.0802	-0.0395	-0.0291	-2.78E-5	2.85E-4	4.47E-5
	CC11	-0.0812	-0.0452	-0.0303	-3.60E-5	2.92E-4	4.76E-5
	CC12	-0.0811	-0.1501	-0.0681	-2.07E-4	3.68E-4	5.21E-5
	CC13	-0.0820	-0.1558	-0.0693	-2.15E-4	3.75E-4	5.50E-5
	CC14	0.0302	0.2197	-0.0570	3.79E-4	-2.49E-4	-4.92E-5
	CC15	0.0272	0.2025	-0.0607	3.55E-4	-2.25E-4	-4.03E-5
	CC16	-0.0199	0.1622	-0.0226	2.92E-4	-5.09E-5	-1.12E-5
	CC17	-0.0228	0.1451	-0.0263	2.67E-4	-2.75E-5	-2.39E-6
	CC18	0.0274	-0.1490	-0.1870	-2.18E-4	2.81E-5	-2.45E-5
	CC19	0.0244	-0.1662	-0.1907	-2.43E-4	5.16E-5	-1.57E-5
	CC20	-0.0227	-0.2064	-0.1526	-3.06E-4	2.26E-4	1.35E-5
	CC21	-0.0256	-0.2236	-0.1563	-3.30E-4	2.49E-4	2.23E-5
354	CC1	0.0000	-0.0001	-0.1053	-3.26E-6	-2.66E-5	-2.30E-7
	CC2	0.0000	-0.0001	-0.1053	-3.26E-6	-2.66E-5	-2.30E-7
	CC3	0.0000	-0.0001	-0.1053	-3.26E-6	-2.66E-5	-2.30E-7
	CC4	0.0000	-0.0001	-0.1029	-2.81E-6	-2.59E-5	-2.27E-7
	CC5	0.0000	-0.0001	-0.1029	-2.81E-6	-2.59E-5	-2.27E-7
	CC6	-0.0003	0.0181	-0.1365	2.21E-4	-1.84E-4	-1.68E-5
	CC7	-0.0003	0.0174	-0.1372	2.13E-4	-1.86E-4	-1.61E-5
	CC8	-0.0010	0.0084	-0.1590	4.94E-5	-2.77E-4	-6.47E-6
	CC9	-0.0011	0.0077	-0.1597	4.15E-5	-2.79E-4	-5.84E-6
	CC10	0.0010	-0.0080	-0.0444	-4.68E-5	2.28E-4	5.38E-6
	CC11	0.0010	-0.0087	-0.0451	-5.47E-5	2.26E-4	6.01E-6
	CC12	0.0002	-0.0176	-0.0669	-2.18E-4	1.35E-4	1.57E-5
	CC13	0.0002	-0.0184	-0.0676	-2.26E-4	1.33E-4	1.63E-5
	CC14	0.0011	0.0210	-0.0773	3.35E-4	7.09E-5	-2.17E-5
	CC15	0.0010	0.0188	-0.0794	3.11E-4	6.49E-5	-1.98E-5
	CC16	0.0014	0.0132	-0.0496	2.55E-4	1.94E-4	-1.50E-5
	CC17	0.0013	0.0110	-0.0518	2.31E-4	1.88E-4	-1.31E-5
	CC18	-0.0014	-0.0112	-0.1524	-2.36E-4	-2.40E-4	1.27E-5
	CC19	-0.0015	-0.0134	-0.1545	-2.60E-4	-2.46E-4	1.46E-5
	CC20	-0.0010	-0.0190	-0.1247	-3.16E-4	-1.16E-4	1.93E-5
	CC21	-0.0011	-0.0213	-0.1269	-3.40E-4	-1.22E-4	2.12E-5
355	CC1	0.0012	-0.0079	-0.0945	-2.06E-5	-2.57E-5	9.53E-7
	CC2	0.0012	-0.0079	-0.0945	-2.06E-5	-2.57E-5	9.53E-7
	CC3	0.0012	-0.0079	-0.0945	-2.06E-5	-2.57E-5	9.53E-7

	CC4	0.0011	-0.0074	-0.0922	-1.91E-5	-2.38E-5	1.02E-6
	CC5	0.0011	-0.0074	-0.0922	-1.91E-5	-2.38E-5	1.02E-6
	CC6	0.1941	-0.3362	-0.0983	-5.32E-4	-3.22E-4	-1.71E-4
	CC7	0.1919	-0.3197	-0.0980	-5.05E-4	-3.19E-4	-1.64E-4
	CC8	0.1975	-0.5373	-0.1030	-8.51E-4	-3.24E-4	-1.43E-4
	CC9	0.1953	-0.5207	-0.1027	-8.25E-4	-3.21E-4	-1.36E-4
	CC10	-0.1933	0.5062	-0.0802	7.88E-4	2.75E-4	1.38E-4
	CC11	-0.1954	0.5228	-0.0799	8.14E-4	2.78E-4	1.45E-4
	CC12	-0.1899	0.3052	-0.0849	4.68E-4	2.72E-4	1.66E-4
	CC13	-0.1920	0.3218	-0.0845	4.94E-4	2.75E-4	1.73E-4
	CC14	0.0568	0.1763	-0.0869	2.76E-4	-1.13E-4	-1.04E-4
	CC15	0.0502	0.2266	-0.0858	3.56E-4	-1.04E-4	-8.19E-5
	CC16	-0.0594	0.4290	-0.0815	6.72E-4	6.61E-5	-1.11E-5
	CC17	-0.0660	0.4794	-0.0804	7.52E-4	7.46E-5	1.08E-5
	CC18	0.0681	-0.4938	-0.1025	-7.89E-4	-1.21E-4	-8.71E-6
	CC19	0.0615	-0.4435	-0.1014	-7.09E-4	-1.12E-4	1.32E-5
	CC20	-0.0481	-0.2411	-0.0970	-3.93E-4	5.80E-5	8.39E-5
	CC21	-0.0547	-0.1908	-0.0960	-3.14E-4	6.65E-5	1.06E-4
356	CC1	0.0012	-0.0078	-0.0926	-1.86E-5	-2.00E-5	2.98E-7
	CC2	0.0012	-0.0078	-0.0926	-1.86E-5	-2.00E-5	2.98E-7
	CC3	0.0012	-0.0078	-0.0926	-1.86E-5	-2.00E-5	2.98E-7
	CC4	0.0011	-0.0073	-0.0904	-1.74E-5	-1.87E-5	4.26E-7
	CC5	0.0011	-0.0073	-0.0904	-1.74E-5	-1.87E-5	4.26E-7
	CC6	0.1873	-0.3362	-0.0480	-5.11E-4	-3.17E-4	-1.72E-4
	CC7	0.1858	-0.3196	-0.0501	-4.86E-4	-3.14E-4	-1.65E-4
	CC8	0.1933	-0.5372	-0.0224	-8.18E-4	-3.29E-4	-1.43E-4
	CC9	0.1918	-0.5206	-0.0245	-7.93E-4	-3.27E-4	-1.36E-4
	CC10	-0.1896	0.5063	-0.1549	7.59E-4	2.90E-4	1.37E-4
	CC11	-0.1910	0.5229	-0.1570	7.84E-4	2.92E-4	1.44E-4
	CC12	-0.1836	0.3053	-0.1293	4.52E-4	2.78E-4	1.66E-4
	CC13	-0.1851	0.3219	-0.1314	4.77E-4	2.80E-4	1.73E-4
	CC14	0.0499	0.1764	-0.1132	2.66E-4	-9.20E-5	-1.04E-4
	CC15	0.0454	0.2267	-0.1196	3.43E-4	-8.53E-5	-8.24E-5
	CC16	-0.0632	0.4291	-0.1453	6.47E-4	9.00E-5	-1.17E-5
	CC17	-0.0676	0.4794	-0.1517	7.24E-4	9.67E-5	1.02E-5
	CC18	0.0698	-0.4937	-0.0278	-7.58E-4	-1.33E-4	-9.28E-6
	CC19	0.0654	-0.4434	-0.0342	-6.81E-4	-1.27E-4	1.26E-5
	CC20	-0.0432	-0.2410	-0.0599	-3.77E-4	4.88E-5	8.34E-5
	CC21	-0.0477	-0.1907	-0.0663	-3.00E-4	5.54E-5	1.05E-4
357	CC1	-0.0012	-0.0059	-0.0958	-1.54E-5	-1.23E-5	1.33E-6
	CC2	-0.0012	-0.0059	-0.0958	-1.54E-5	-1.23E-5	1.33E-6
	CC3	-0.0012	-0.0059	-0.0958	-1.54E-5	-1.23E-5	1.33E-6
	CC4	-0.0011	-0.0055	-0.0934	-1.43E-5	-1.16E-5	1.20E-6
	CC5	-0.0011	-0.0055	-0.0934	-1.43E-5	-1.16E-5	1.20E-6
	CC6	0.1736	-0.2884	-0.1442	-6.01E-4	-3.52E-4	-1.45E-4
	CC7	0.1711	-0.2742	-0.1415	-5.71E-4	-3.47E-4	-1.39E-4
	CC8	0.1721	-0.4587	-0.1769	-9.91E-4	-3.55E-4	-1.21E-4
	CC9	0.1696	-0.4445	-0.1742	-9.61E-4	-3.50E-4	-1.15E-4
	CC10	-0.1718	0.4337	-0.0110	9.33E-4	3.27E-4	1.17E-4
	CC11	-0.1743	0.4478	-0.0083	9.64E-4	3.32E-4	1.23E-4
	CC12	-0.1733	0.2634	-0.0437	5.43E-4	3.24E-4	1.41E-4
	CC13	-0.1758	0.2776	-0.0410	5.73E-4	3.29E-4	1.47E-4
	CC14	0.0569	0.1485	-0.0621	3.61E-4	-1.17E-4	-8.68E-5
	CC15	0.0494	0.1915	-0.0541	4.52E-4	-1.01E-4	-6.83E-5
	CC16	-0.0467	0.3652	-0.0221	8.21E-4	8.71E-5	-8.23E-6
	CC17	-0.0543	0.4082	-0.0141	9.13E-4	1.03E-4	1.02E-5
	CC18	0.0521	-0.4190	-0.1711	-9.40E-4	-1.25E-4	-7.94E-6
	CC19	0.0445	-0.3760	-0.1631	-8.49E-4	-1.10E-4	1.05E-5
	CC20	-0.0516	-0.2024	-0.1311	-4.80E-4	7.82E-5	7.06E-5
	CC21	-0.0591	-0.1593	-0.1231	-3.88E-4	9.38E-5	8.91E-5
358	CC1	-0.0018	-0.0048	-0.0946	-1.17E-5	-2.69E-6	1.00E-6
	CC2	-0.0018	-0.0048	-0.0946	-1.17E-5	-2.69E-6	1.00E-6
	CC3	-0.0018	-0.0048	-0.0946	-1.17E-5	-2.69E-6	1.00E-6
	CC4	-0.0017	-0.0045	-0.0922	-1.08E-5	-2.81E-6	9.15E-7
	CC5	-0.0017	-0.0045	-0.0922	-1.08E-5	-2.81E-6	9.15E-7
	CC6	0.1421	-0.2363	-0.1395	-5.88E-4	-3.56E-4	-1.21E-4
	CC7	0.1401	-0.2248	-0.1370	-5.59E-4	-3.50E-4	-1.16E-4
	CC8	0.1410	-0.3728	-0.1695	-9.69E-4	-3.63E-4	-1.04E-4
	CC9	0.1390	-0.3613	-0.1670	-9.39E-4	-3.58E-4	-9.87E-5
	CC10	-0.1423	0.3526	-0.0159	9.18E-4	3.52E-4	1.01E-4
	CC11	-0.1443	0.3641	-0.0135	9.48E-4	3.58E-4	1.06E-4
	CC12	-0.1434	0.2161	-0.0459	5.38E-4	3.44E-4	1.17E-4

	CC13	-0.1454	0.2276	-0.0434	5.67E-4	3.50E-4	1.23E-4
	CC14	0.0459	0.1173	-0.0638	3.53E-4	-1.05E-4	-6.83E-5
	CC15	0.0398	0.1522	-0.0563	4.42E-4	-8.75E-5	-5.28E-5
	CC16	-0.0394	0.2939	-0.0267	8.05E-4	1.07E-4	-1.89E-6
	CC17	-0.0455	0.3289	-0.0193	8.94E-4	1.25E-4	1.36E-5
	CC18	0.0422	-0.3376	-0.1637	-9.15E-4	-1.30E-4	-1.18E-5
	CC19	0.0361	-0.3027	-0.1562	-8.26E-4	-1.13E-4	3.66E-6
	CC20	-0.0431	-0.1610	-0.1266	-4.63E-4	8.18E-5	5.46E-5
	CC21	-0.0492	-0.1260	-0.1192	-3.74E-4	9.92E-5	7.00E-5
359	CC1	-0.0020	-0.0037	-0.0934	-1.26E-5	-3.23E-6	9.21E-7
	CC2	-0.0020	-0.0037	-0.0934	-1.26E-5	-3.23E-6	9.21E-7
	CC3	-0.0020	-0.0037	-0.0934	-1.26E-5	-3.23E-6	9.21E-7
	CC4	-0.0019	-0.0035	-0.0911	-1.17E-5	-3.14E-6	8.58E-7
	CC5	-0.0019	-0.0035	-0.0911	-1.17E-5	-3.14E-6	8.58E-7
	CC6	0.1112	-0.1869	-0.1333	-5.40E-4	-3.38E-4	-9.62E-5
	CC7	0.1096	-0.1779	-0.1311	-5.13E-4	-3.33E-4	-9.21E-5
	CC8	0.1099	-0.2916	-0.1594	-8.83E-4	-3.45E-4	-8.54E-5
	CC9	0.1084	-0.2825	-0.1573	-8.57E-4	-3.39E-4	-8.13E-5
	CC10	-0.1121	0.2757	-0.0235	8.34E-4	3.33E-4	8.30E-5
	CC11	-0.1136	0.2847	-0.0213	8.60E-4	3.38E-4	8.71E-5
	CC12	-0.1134	0.1710	-0.0496	4.90E-4	3.26E-4	9.38E-5
	CC13	-0.1149	0.1801	-0.0475	5.17E-4	3.32E-4	9.79E-5
	CC14	0.0360	0.0879	-0.0665	3.15E-4	-1.01E-4	-5.02E-5
	CC15	0.0314	0.1153	-0.0599	3.96E-4	-8.46E-5	-3.77E-5
	CC16	-0.0310	0.2267	-0.0336	7.27E-4	1.01E-4	3.56E-6
	CC17	-0.0356	0.2541	-0.0270	8.08E-4	1.17E-4	1.60E-5
	CC18	0.0319	-0.2609	-0.1538	-8.31E-4	-1.23E-4	-1.43E-5
	CC19	0.0272	-0.2335	-0.1472	-7.50E-4	-1.07E-4	-1.88E-6
	CC20	-0.0351	-0.1221	-0.1208	-4.19E-4	7.84E-5	3.94E-5
	CC21	-0.0397	-0.0947	-0.1142	-3.38E-4	9.44E-5	5.19E-5
360	CC1	-0.0001	-0.0060	-0.0903	-1.87E-5	-1.07E-5	-3.81E-7
	CC2	-0.0001	-0.0060	-0.0903	-1.87E-5	-1.07E-5	-3.81E-7
	CC3	-0.0001	-0.0060	-0.0903	-1.87E-5	-1.07E-5	-3.81E-7
	CC4	-0.0001	-0.0056	-0.0882	-1.76E-5	-1.01E-5	-3.22E-7
	CC5	-0.0001	-0.0056	-0.0882	-1.76E-5	-1.01E-5	-3.22E-7
	CC6	0.1543	-0.2859	0.0002	-5.84E-4	-3.08E-4	-1.48E-4
	CC7	0.1537	-0.2719	-0.0042	-5.54E-4	-3.06E-4	-1.42E-4
	CC8	0.1610	-0.4545	0.0546	-9.60E-4	-3.30E-4	-1.26E-4
	CC9	0.1604	-0.4405	0.0502	-9.31E-4	-3.28E-4	-1.20E-4
	CC10	-0.1606	0.4295	-0.2253	8.97E-4	3.08E-4	1.19E-4
	CC11	-0.1613	0.4435	-0.2297	9.26E-4	3.10E-4	1.26E-4
	CC12	-0.1539	0.2609	-0.1709	5.20E-4	2.86E-4	1.42E-4
	CC13	-0.1546	0.2749	-0.1753	5.49E-4	2.88E-4	1.48E-4
	CC14	0.0369	0.1469	-0.1376	3.45E-4	-6.77E-5	-8.68E-5
	CC15	0.0350	0.1895	-0.1511	4.33E-4	-6.32E-5	-6.79E-5
	CC16	-0.0576	0.3615	-0.2053	7.89E-4	1.17E-4	-6.50E-6
	CC17	-0.0595	0.4041	-0.2188	8.77E-4	1.22E-4	1.24E-5
	CC18	0.0593	-0.4151	0.0437	-9.11E-4	-1.42E-4	-1.30E-5
	CC19	0.0573	-0.3725	0.0302	-8.23E-4	-1.37E-4	5.90E-6
	CC20	-0.0352	-0.2005	-0.0240	-4.67E-4	4.32E-5	6.73E-5
	CC21	-0.0372	-0.1579	-0.0375	-3.79E-4	4.78E-5	8.62E-5
361	CC1	-0.0008	-0.0045	-0.0897	-1.62E-5	-6.20E-6	-5.58E-8
	CC2	-0.0008	-0.0045	-0.0897	-1.62E-5	-6.20E-6	-5.58E-8
	CC3	-0.0008	-0.0045	-0.0897	-1.62E-5	-6.20E-6	-5.58E-8
	CC4	-0.0008	-0.0042	-0.0877	-1.51E-5	-5.92E-6	-1.84E-8
	CC5	-0.0008	-0.0042	-0.0877	-1.51E-5	-5.92E-6	-1.84E-8
	CC6	0.1277	-0.2360	-0.0035	-5.62E-4	-3.02E-4	-1.23E-4
	CC7	0.1272	-0.2244	-0.0077	-5.34E-4	-3.01E-4	-1.17E-4
	CC8	0.1324	-0.3723	0.0476	-9.24E-4	-3.24E-4	-1.06E-4
	CC9	0.1319	-0.3608	0.0434	-8.96E-4	-3.22E-4	-1.01E-4
	CC10	-0.1335	0.3526	-0.2174	8.67E-4	3.11E-4	1.01E-4
	CC11	-0.1340	0.3641	-0.2217	8.95E-4	3.12E-4	1.06E-4
	CC12	-0.1288	0.2162	-0.1663	5.05E-4	2.89E-4	1.17E-4
	CC13	-0.1293	0.2278	-0.1705	5.33E-4	2.90E-4	1.23E-4
	CC14	0.0312	0.1174	-0.1337	3.32E-4	-6.37E-5	-6.84E-5
	CC15	0.0297	0.1523	-0.1465	4.16E-4	-5.92E-5	-5.27E-5
	CC16	-0.0471	0.2940	-0.1979	7.60E-4	1.20E-4	-1.25E-6
	CC17	-0.0487	0.3289	-0.2107	8.45E-4	1.25E-4	1.44E-5
	CC18	0.0471	-0.3371	0.0367	-8.75E-4	-1.36E-4	-1.44E-5
	CC19	0.0455	-0.3022	0.0239	-7.90E-4	-1.32E-4	1.24E-6
	CC20	-0.0313	-0.1605	-0.0275	-4.46E-4	4.75E-5	5.27E-5
	CC21	-0.0328	-0.1256	-0.0403	-3.61E-4	5.20E-5	6.84E-5

362	CC1	-0.0013	-0.0032	-0.0891	-1.39E-5	-4.22E-6	6.07E-7
	CC2	-0.0013	-0.0032	-0.0891	-1.39E-5	-4.22E-6	6.07E-7
	CC3	-0.0013	-0.0032	-0.0891	-1.39E-5	-4.22E-6	6.07E-7
	CC4	-0.0012	-0.0030	-0.0871	-1.30E-5	-4.02E-6	5.93E-7
	CC5	-0.0012	-0.0030	-0.0871	-1.30E-5	-4.02E-6	5.93E-7
	CC6	0.1014	-0.1883	-0.0086	-5.28E-4	-2.93E-4	-9.57E-5
	CC7	0.1010	-0.1792	-0.0126	-5.02E-4	-2.92E-4	-9.16E-5
	CC8	0.1044	-0.2940	0.0383	-8.65E-4	-3.10E-4	-8.48E-5
	CC9	0.1040	-0.2849	0.0344	-8.39E-4	-3.09E-4	-8.07E-5
	CC10	-0.1065	0.2791	-0.2072	8.14E-4	3.01E-4	8.19E-5
	CC11	-0.1069	0.2882	-0.2111	8.40E-4	3.02E-4	8.59E-5
	CC12	-0.1035	0.1734	-0.1603	4.77E-4	2.84E-4	9.28E-5
	CC13	-0.1039	0.1825	-0.1642	5.03E-4	2.85E-4	9.69E-5
	CC14	0.0255	0.0893	-0.1289	3.07E-4	-6.66E-5	-5.05E-5
	CC15	0.0244	0.1170	-0.1408	3.87E-4	-6.28E-5	-3.81E-5
	CC16	-0.0368	0.2296	-0.1885	7.10E-4	1.12E-4	2.76E-6
	CC17	-0.0380	0.2572	-0.2004	7.89E-4	1.16E-4	1.51E-5
	CC18	0.0356	-0.2630	0.0276	-8.14E-4	-1.24E-4	-1.40E-5
	CC19	0.0344	-0.2354	0.0157	-7.35E-4	-1.20E-4	-1.58E-6
	CC20	-0.0268	-0.1228	-0.0320	-4.12E-4	5.49E-5	3.93E-5
	CC21	-0.0280	-0.0951	-0.0439	-3.33E-4	5.87E-5	5.17E-5
363	CC1	0.0010	-0.0080	-0.0954	-2.48E-5	-3.82E-6	-2.48E-7
	CC2	0.0010	-0.0080	-0.0954	-2.48E-5	-3.82E-6	-2.48E-7
	CC3	0.0010	-0.0080	-0.0954	-2.48E-5	-3.82E-6	-2.48E-7
	CC4	0.0009	-0.0075	-0.0931	-2.33E-5	-3.59E-6	-2.22E-7
	CC5	0.0009	-0.0075	-0.0931	-2.33E-5	-3.59E-6	-2.22E-7
	CC6	0.2027	-0.3475	-0.1498	-5.77E-4	-8.89E-5	-1.73E-4
	CC7	0.1998	-0.3305	-0.1469	-5.49E-4	-8.46E-5	-1.65E-4
	CC8	0.2017	-0.5467	-0.1886	-9.27E-4	-1.43E-4	-1.44E-4
	CC9	0.1987	-0.5296	-0.1857	-8.99E-4	-1.38E-4	-1.37E-4
	CC10	-0.1970	0.5150	0.0010	8.53E-4	1.31E-4	1.36E-4
	CC11	-0.2000	0.5321	0.0039	8.82E-4	1.36E-4	1.44E-4
	CC12	-0.1981	0.3159	-0.0378	5.03E-4	7.75E-5	1.65E-4
	CC13	-0.2010	0.3329	-0.0349	5.32E-4	8.19E-5	1.72E-4
	CC14	0.0670	0.1694	-0.0547	3.03E-4	4.67E-5	-1.05E-4
	CC15	0.0581	0.2212	-0.0459	3.89E-4	5.99E-5	-8.31E-5
	CC16	-0.0530	0.4282	-0.0095	7.32E-4	1.13E-4	-1.24E-5
	CC17	-0.0619	0.4799	-0.0006	8.18E-4	1.26E-4	9.53E-6
	CC18	0.0636	-0.4945	-0.1841	-8.64E-4	-1.33E-4	-9.96E-6
	CC19	0.0547	-0.4428	-0.1752	-7.78E-4	-1.20E-4	1.19E-5
	CC20	-0.0564	-0.2358	-0.1388	-4.35E-4	-6.69E-5	8.27E-5
	CC21	-0.0653	-0.1840	-0.1300	-3.49E-4	-5.37E-5	1.05E-4
364	CC1	-0.0009	-0.0065	-0.0938	-1.70E-5	-1.62E-5	-1.38E-7
	CC2	-0.0009	-0.0065	-0.0938	-1.70E-5	-1.62E-5	-1.38E-7
	CC3	-0.0009	-0.0065	-0.0938	-1.70E-5	-1.62E-5	-1.38E-7
	CC4	-0.0009	-0.0060	-0.0915	-1.59E-5	-1.52E-5	-1.79E-7
	CC5	-0.0009	-0.0060	-0.0915	-1.59E-5	-1.52E-5	-1.79E-7
	CC6	0.1731	-0.3047	0.0092	-6.27E-4	-3.54E-4	-1.25E-4
	CC7	0.1706	-0.2899	0.0121	-5.96E-4	-3.48E-4	-1.20E-4
	CC8	0.1715	-0.4699	-0.0325	-1.00E-3	-3.60E-4	-8.89E-5
	CC9	0.1690	-0.4551	-0.0295	-9.69E-4	-3.54E-4	-8.39E-5
	CC10	-0.1707	0.4434	-0.1521	9.37E-4	3.25E-4	8.35E-5
	CC11	-0.1732	0.4582	-0.1491	9.68E-4	3.30E-4	8.85E-5
	CC12	-0.1723	0.2781	-0.1937	5.65E-4	3.18E-4	1.19E-4
	CC13	-0.1748	0.2930	-0.1908	5.96E-4	3.24E-4	1.25E-4
	CC14	0.0572	0.1348	-0.0017	3.24E-4	-1.15E-4	-9.91E-5
	CC15	0.0495	0.1797	0.0073	4.18E-4	-9.75E-5	-8.37E-5
	CC16	-0.0459	0.3592	-0.0501	7.93E-4	8.88E-5	-3.66E-5
	CC17	-0.0536	0.4041	-0.0410	8.87E-4	1.06E-4	-2.12E-5
	CC18	0.0519	-0.4159	-0.1406	-9.18E-4	-1.36E-4	2.08E-5
	CC19	0.0442	-0.3710	-0.1315	-8.24E-4	-1.18E-4	3.62E-5
	CC20	-0.0512	-0.1915	-0.1889	-4.49E-4	6.80E-5	8.33E-5
	CC21	-0.0589	-0.1466	-0.1799	-3.55E-4	8.52E-5	9.87E-5
365	CC1	-0.0019	-0.0050	-0.0932	-1.50E-5	-7.58E-6	1.34E-7
	CC2	-0.0019	-0.0050	-0.0932	-1.50E-5	-7.58E-6	1.34E-7
	CC3	-0.0019	-0.0050	-0.0932	-1.50E-5	-7.58E-6	1.34E-7
	CC4	-0.0018	-0.0047	-0.0910	-1.40E-5	-7.23E-6	1.41E-7
	CC5	-0.0018	-0.0047	-0.0910	-1.40E-5	-7.23E-6	1.41E-7
	CC6	0.1423	-0.2517	0.0034	-5.89E-4	-3.49E-4	-1.10E-4
	CC7	0.1403	-0.2396	0.0061	-5.60E-4	-3.44E-4	-1.06E-4
	CC8	0.1404	-0.3857	-0.0352	-9.36E-4	-3.56E-4	-8.79E-5
	CC9	0.1384	-0.3735	-0.0324	-9.07E-4	-3.50E-4	-8.32E-5

	CC10	-0.1420	0.3644	-0.1481	8.80E-4	3.36E-4	8.35E-5
	CC11	-0.1440	0.3765	-0.1453	9.09E-4	3.42E-4	8.82E-5
	CC12	-0.1439	0.2304	-0.1866	5.33E-4	3.29E-4	1.06E-4
	CC13	-0.1459	0.2426	-0.1839	5.62E-4	3.35E-4	1.11E-4
	CC14	0.0471	0.1079	-0.0074	3.00E-4	-1.08E-4	-7.35E-5
	CC15	0.0409	0.1448	0.0009	3.89E-4	-9.05E-5	-5.94E-5
	CC16	-0.0382	0.2927	-0.0529	7.41E-4	9.80E-5	-1.53E-5
	CC17	-0.0444	0.3296	-0.0445	8.29E-4	1.15E-4	-1.22E-6
	CC18	0.0408	-0.3387	-0.1360	-8.56E-4	-1.29E-4	1.51E-6
	CC19	0.0346	-0.3019	-0.1276	-7.68E-4	-1.12E-4	1.56E-5
	CC20	-0.0445	-0.1539	-0.1814	-4.16E-4	7.62E-5	5.97E-5
	CC21	-0.0507	-0.1170	-0.1731	-3.28E-4	9.33E-5	7.38E-5
366	CC1	-0.0025	-0.0037	-0.0924	-1.37E-5	-6.31E-6	3.63E-7
	CC2	-0.0025	-0.0037	-0.0924	-1.37E-5	-6.31E-6	3.63E-7
	CC3	-0.0025	-0.0037	-0.0924	-1.37E-5	-6.31E-6	3.63E-7
	CC4	-0.0024	-0.0035	-0.0902	-1.28E-5	-5.90E-6	4.36E-7
	CC5	-0.0024	-0.0035	-0.0902	-1.28E-5	-5.90E-6	4.36E-7
	CC6	0.1121	-0.2013	-0.0043	-5.65E-4	-3.33E-4	-9.10E-5
	CC7	0.1105	-0.1917	-0.0018	-5.37E-4	-3.28E-4	-8.71E-5
	CC8	0.1102	-0.3060	-0.0389	-8.95E-4	-3.25E-4	-7.96E-5
	CC9	0.1086	-0.2963	-0.0364	-8.67E-4	-3.21E-4	-7.57E-5
	CC10	-0.1133	0.2895	-0.1426	8.42E-4	3.09E-4	7.66E-5
	CC11	-0.1149	0.2992	-0.1401	8.70E-4	3.14E-4	8.05E-5
	CC12	-0.1152	0.1848	-0.1771	5.12E-4	3.17E-4	8.80E-5
	CC13	-0.1168	0.1945	-0.1746	5.40E-4	3.21E-4	9.19E-5
	CC14	0.0370	0.0827	-0.0149	2.84E-4	-1.21E-4	-4.97E-5
	CC15	0.0323	0.1121	-0.0074	3.68E-4	-1.08E-4	-3.78E-5
	CC16	-0.0306	0.2300	-0.0564	7.06E-4	7.13E-5	6.30E-7
	CC17	-0.0353	0.2593	-0.0488	7.90E-4	8.50E-5	1.25E-5
	CC18	0.0306	-0.2661	-0.1301	-8.15E-4	-9.66E-5	-1.16E-5
	CC19	0.0259	-0.2368	-0.1225	-7.31E-4	-8.28E-5	2.90E-7
	CC20	-0.0370	-0.1189	-0.1715	-3.93E-4	9.61E-5	3.87E-5
	CC21	-0.0417	-0.0896	-0.1640	-3.09E-4	1.10E-4	5.06E-5
367	CC1	0.0012	-0.0078	-0.0899	-2.17E-5	-3.33E-6	-4.17E-7
	CC2	0.0012	-0.0078	-0.0899	-2.17E-5	-3.33E-6	-4.17E-7
	CC3	0.0012	-0.0078	-0.0899	-2.17E-5	-3.33E-6	-4.17E-7
	CC4	0.0011	-0.0073	-0.0879	-2.03E-5	-3.12E-6	-3.89E-7
	CC5	0.0011	-0.0073	-0.0879	-2.03E-5	-3.12E-6	-3.89E-7
	CC6	0.1814	-0.3473	0.0018	-5.81E-4	-8.93E-5	-1.73E-4
	CC7	0.1805	-0.3303	-0.0028	-5.53E-4	-8.48E-5	-1.65E-4
	CC8	0.1897	-0.5465	0.0562	-9.46E-4	-1.45E-4	-1.44E-4
	CC9	0.1889	-0.5295	0.0517	-9.17E-4	-1.41E-4	-1.37E-4
	CC10	-0.1867	0.5152	-0.2262	8.77E-4	1.35E-4	1.36E-4
	CC11	-0.1875	0.5323	-0.2308	9.06E-4	1.39E-4	1.43E-4
	CC12	-0.1783	0.3160	-0.1718	5.13E-4	7.87E-5	1.65E-4
	CC13	-0.1792	0.3331	-0.1763	5.42E-4	8.31E-5	1.72E-4
	CC14	0.0437	0.1696	-0.1369	3.25E-4	4.99E-5	-1.05E-4
	CC15	0.0411	0.2213	-0.1507	4.12E-4	6.33E-5	-8.33E-5
	CC16	-0.0667	0.4283	-0.2053	7.62E-4	1.17E-4	-1.25E-5
	CC17	-0.0693	0.4801	-0.2191	8.50E-4	1.30E-4	9.37E-6
	CC18	0.0715	-0.4944	0.0445	-8.90E-4	-1.37E-4	-1.01E-5
	CC19	0.0689	-0.4426	0.0308	-8.02E-4	-1.23E-4	1.18E-5
	CC20	-0.0389	-0.2356	-0.0239	-4.52E-4	-6.94E-5	8.25E-5
	CC21	-0.0415	-0.1838	-0.0376	-3.65E-4	-5.60E-5	1.04E-4
368	CC1	-0.0001	-0.0062	-0.0890	-1.75E-5	-1.19E-5	-5.23E-7
	CC2	-0.0001	-0.0062	-0.0890	-1.75E-5	-1.19E-5	-5.23E-7
	CC3	-0.0001	-0.0062	-0.0890	-1.75E-5	-1.19E-5	-5.23E-7
	CC4	-0.0001	-0.0058	-0.0870	-1.64E-5	-1.13E-5	-4.51E-7
	CC5	-0.0001	-0.0058	-0.0870	-1.64E-5	-1.13E-5	-4.51E-7
	CC6	0.1554	-0.3045	0.0013	-6.25E-4	-3.08E-4	-1.38E-4
	CC7	0.1546	-0.2897	-0.0031	-5.94E-4	-3.06E-4	-1.32E-4
	CC8	0.1622	-0.4696	0.0525	-9.98E-4	-3.24E-4	-1.09E-4
	CC9	0.1614	-0.4548	0.0482	-9.67E-4	-3.22E-4	-1.03E-4
	CC10	-0.1616	0.4434	-0.2210	9.35E-4	3.00E-4	1.03E-4
	CC11	-0.1624	0.4583	-0.2253	9.66E-4	3.02E-4	1.08E-4
	CC12	-0.1547	0.2783	-0.1697	5.62E-4	2.84E-4	1.31E-4
	CC13	-0.1555	0.2931	-0.1741	5.93E-4	2.86E-4	1.37E-4
	CC14	0.0373	0.1349	-0.1318	3.24E-4	-7.76E-5	-9.29E-5
	CC15	0.0348	0.1798	-0.1451	4.18E-4	-7.29E-5	-7.54E-5
	CC16	-0.0578	0.3593	-0.1985	7.92E-4	1.05E-4	-2.08E-5
	CC17	-0.0603	0.4042	-0.2118	8.86E-4	1.09E-4	-3.30E-6
	CC18	0.0601	-0.4156	0.0390	-9.18E-4	-1.32E-4	2.45E-6

	CC19	0.0577	-0.3706	0.0257	-8.24E-4	-1.27E-4	1.99E-5
	CC20	-0.0350	-0.1912	-0.0277	-4.50E-4	5.08E-5	7.46E-5
	CC21	-0.0374	-0.1463	-0.0410	-3.56E-4	5.54E-5	9.21E-5
369	CC1	-0.0009	-0.0048	-0.0888	-1.57E-5	-7.61E-6	-3.71E-7
	CC2	-0.0009	-0.0048	-0.0888	-1.57E-5	-7.61E-6	-3.71E-7
	CC3	-0.0009	-0.0048	-0.0888	-1.57E-5	-7.61E-6	-3.71E-7
	CC4	-0.0009	-0.0044	-0.0868	-1.47E-5	-7.25E-6	-3.11E-7
	CC5	-0.0009	-0.0044	-0.0868	-1.47E-5	-7.25E-6	-3.11E-7
	CC6	0.1287	-0.2515	-0.0020	-5.86E-4	-3.04E-4	-1.15E-4
	CC7	0.1280	-0.2393	-0.0062	-5.57E-4	-3.03E-4	-1.10E-4
	CC8	0.1340	-0.3854	0.0464	-9.32E-4	-3.19E-4	-9.55E-5
	CC9	0.1333	-0.3733	0.0423	-9.03E-4	-3.18E-4	-9.06E-5
	CC10	-0.1351	0.3646	-0.2146	8.75E-4	3.03E-4	9.01E-5
	CC11	-0.1357	0.3768	-0.2188	9.03E-4	3.05E-4	9.50E-5
	CC12	-0.1297	0.2307	-0.1662	5.29E-4	2.89E-4	1.10E-4
	CC13	-0.1304	0.2428	-0.1703	5.58E-4	2.90E-4	1.15E-4
	CC14	0.0308	0.1080	-0.1288	2.99E-4	-7.63E-5	-7.16E-5
	CC15	0.0287	0.1449	-0.1415	3.87E-4	-7.20E-5	-5.67E-5
	CC16	-0.0483	0.2929	-0.1926	7.38E-4	1.06E-4	-9.96E-6
	CC17	-0.0504	0.3298	-0.2053	8.25E-4	1.10E-4	4.91E-6
	CC18	0.0486	-0.3384	0.0329	-8.54E-4	-1.25E-4	-5.49E-6
	CC19	0.0466	-0.3016	0.0202	-7.66E-4	-1.20E-4	9.38E-6
	CC20	-0.0305	-0.1536	-0.0309	-4.16E-4	5.77E-5	5.61E-5
	CC21	-0.0325	-0.1167	-0.0436	-3.28E-4	6.20E-5	7.10E-5
370	CC1	-0.0015	-0.0035	-0.0885	-1.40E-5	-5.14E-6	-2.61E-7
	CC2	-0.0015	-0.0035	-0.0885	-1.40E-5	-5.14E-6	-2.61E-7
	CC3	-0.0015	-0.0035	-0.0885	-1.40E-5	-5.14E-6	-2.61E-7
	CC4	-0.0014	-0.0032	-0.0866	-1.31E-5	-4.88E-6	-2.06E-7
	CC5	-0.0014	-0.0032	-0.0866	-1.31E-5	-4.88E-6	-2.06E-7
	CC6	0.1022	-0.2010	-0.0068	-5.63E-4	-2.98E-4	-8.53E-5
	CC7	0.1017	-0.1914	-0.0107	-5.36E-4	-2.95E-4	-8.17E-5
	CC8	0.1058	-0.3056	0.0379	-8.91E-4	-3.27E-4	-6.99E-5
	CC9	0.1053	-0.2960	0.0340	-8.63E-4	-3.24E-4	-6.63E-5
	CC10	-0.1081	0.2897	-0.2058	8.38E-4	3.15E-4	6.59E-5
	CC11	-0.1086	0.2994	-0.2097	8.65E-4	3.17E-4	6.95E-5
	CC12	-0.1044	0.1851	-0.1610	5.10E-4	2.86E-4	8.13E-5
	CC13	-0.1050	0.1948	-0.1650	5.38E-4	2.88E-4	8.49E-5
	CC14	0.0249	0.0829	-0.1247	2.81E-4	-5.24E-5	-5.39E-5
	CC15	0.0233	0.1122	-0.1366	3.65E-4	-4.45E-5	-4.30E-5
	CC16	-0.0382	0.2302	-0.1844	7.02E-4	1.31E-4	-8.56E-6
	CC17	-0.0398	0.2595	-0.1963	7.85E-4	1.39E-4	2.33E-6
	CC18	0.0370	-0.2657	0.0245	-8.11E-4	-1.49E-4	-2.71E-6
	CC19	0.0354	-0.2364	0.0126	-7.27E-4	-1.41E-4	8.18E-6
	CC20	-0.0261	-0.1185	-0.0352	-3.90E-4	3.49E-5	4.27E-5
	CC21	-0.0277	-0.0892	-0.0471	-3.07E-4	4.28E-5	5.35E-5
371	CC1	0.0001	-0.0094	-0.1129	-2.48E-5	1.93E-5	3.53E-6
	CC2	0.0001	-0.0094	-0.1129	-2.48E-5	1.93E-5	3.53E-6
	CC3	0.0001	-0.0094	-0.1129	-2.48E-5	1.93E-5	3.53E-6
	CC4	0.0002	-0.0087	-0.1087	-2.29E-5	1.78E-5	3.46E-6
	CC5	0.0002	-0.0087	-0.1087	-2.29E-5	1.78E-5	3.46E-6
	CC6	0.2014	0.0078	-0.0419	3.48E-5	1.36E-4	-1.69E-4
	CC7	0.1986	0.0099	-0.0425	3.89E-5	1.34E-4	-1.62E-4
	CC8	0.2004	-0.2505	-0.0488	-5.00E-4	1.39E-4	-1.40E-4
	CC9	0.1975	-0.2484	-0.0493	-4.96E-4	1.37E-4	-1.33E-4
	CC10	-0.1971	0.2313	-0.1652	4.51E-4	-1.03E-4	1.40E-4
	CC11	-0.2000	0.2334	-0.1658	4.55E-4	-1.05E-4	1.47E-4
	CC12	-0.1982	-0.0270	-0.1721	-8.33E-5	-9.95E-5	1.69E-4
	CC13	-0.2010	-0.0249	-0.1727	-7.92E-5	-1.01E-4	1.76E-4
	CC14	0.0661	0.3851	-0.0764	8.00E-4	5.01E-5	-1.01E-4
	CC15	0.0574	0.3915	-0.0782	8.13E-4	4.47E-5	-7.95E-5
	CC16	-0.0535	0.4522	-0.1134	9.25E-4	-2.16E-5	-8.72E-6
	CC17	-0.0622	0.4586	-0.1152	9.37E-4	-2.69E-5	1.32E-5
	CC18	0.0626	-0.4756	-0.0993	-9.82E-4	6.15E-5	-6.31E-6
	CC19	0.0539	-0.4693	-0.1011	-9.70E-4	5.61E-5	1.56E-5
	CC20	-0.0570	-0.4086	-0.1363	-8.57E-4	-1.01E-5	8.63E-5
	CC21	-0.0657	-0.4022	-0.1381	-8.45E-4	-1.55E-5	1.08E-4
372	CC1	0.0000	-0.0098	-0.1111	-2.47E-5	5.82E-6	3.67E-6
	CC2	0.0000	-0.0098	-0.1111	-2.47E-5	5.82E-6	3.67E-6
	CC3	0.0000	-0.0098	-0.1111	-2.47E-5	5.82E-6	3.67E-6
	CC4	0.0001	-0.0092	-0.1070	-2.28E-5	5.24E-6	3.52E-6
	CC5	0.0001	-0.0092	-0.1070	-2.28E-5	5.24E-6	3.52E-6
	CC6	0.2013	0.0293	-0.0413	7.67E-5	-1.65E-4	-1.69E-4

	CC7	0.1985	0.0304	-0.0419	7.91E-5	-1.62E-4	-1.62E-4
	CC8	0.2003	-0.2326	-0.0485	-4.73E-4	-1.67E-4	-1.40E-4
	CC9	0.1974	-0.2314	-0.0491	-4.70E-4	-1.64E-4	-1.33E-4
	CC10	-0.1972	0.2135	-0.1623	4.26E-4	1.75E-4	1.40E-4
	CC11	-0.2000	0.2146	-0.1629	4.28E-4	1.77E-4	1.47E-4
	CC12	-0.1982	-0.0484	-0.1695	-1.24E-4	1.73E-4	1.69E-4
	CC13	-0.2011	-0.0472	-0.1700	-1.21E-4	1.75E-4	1.76E-4
	CC14	0.0660	0.3980	-0.0747	8.37E-4	-4.60E-5	-1.01E-4
	CC15	0.0573	0.4016	-0.0765	8.45E-4	-3.89E-5	-7.94E-5
	CC16	-0.0536	0.4533	-0.1110	9.42E-4	5.58E-5	-8.69E-6
	CC17	-0.0622	0.4569	-0.1128	9.49E-4	6.28E-5	1.32E-5
	CC18	0.0625	-0.4749	-0.0986	-9.94E-4	-5.27E-5	-6.28E-6
	CC19	0.0538	-0.4713	-0.1004	-9.86E-4	-4.57E-5	1.56E-5
	CC20	-0.0571	-0.4196	-0.1349	-8.89E-4	4.90E-5	8.64E-5
	CC21	-0.0658	-0.4160	-0.1367	-8.82E-4	5.61E-5	1.08E-4
373	CC1	0.0000	-0.0101	-0.1109	-2.54E-5	7.70E-7	3.26E-6
	CC2	0.0000	-0.0101	-0.1109	-2.54E-5	7.70E-7	3.26E-6
	CC3	0.0000	-0.0101	-0.1109	-2.54E-5	7.70E-7	3.26E-6
	CC4	0.0001	-0.0094	-0.1069	-2.36E-5	5.23E-7	3.06E-6
	CC5	0.0001	-0.0094	-0.1069	-2.36E-5	5.23E-7	3.06E-6
	CC6	0.2013	0.0407	-0.0557	9.75E-5	-2.49E-4	-1.69E-4
	CC7	0.1985	0.0414	-0.0561	9.90E-5	-2.46E-4	-1.62E-4
	CC8	0.2003	-0.2231	-0.0630	-4.56E-4	-2.52E-4	-1.41E-4
	CC9	0.1974	-0.2224	-0.0633	-4.55E-4	-2.48E-4	-1.34E-4
	CC10	-0.1972	0.2040	-0.1477	4.09E-4	2.49E-4	1.40E-4
	CC11	-0.2000	0.2047	-0.1481	4.10E-4	2.53E-4	1.47E-4
	CC12	-0.1982	-0.0598	-0.1550	-1.45E-4	2.47E-4	1.68E-4
	CC13	-0.2011	-0.0591	-0.1554	-1.43E-4	2.50E-4	1.75E-4
	CC14	0.0660	0.4049	-0.0790	8.51E-4	-7.55E-5	-1.02E-4
	CC15	0.0573	0.4070	-0.0802	8.56E-4	-6.50E-5	-7.99E-5
	CC16	-0.0536	0.4539	-0.1066	9.44E-4	7.40E-5	-9.16E-6
	CC17	-0.0622	0.4560	-0.1078	9.49E-4	8.45E-5	1.27E-5
	CC18	0.0625	-0.4744	-0.1033	-9.95E-4	-8.36E-5	-6.75E-6
	CC19	0.0538	-0.4723	-0.1044	-9.90E-4	-7.31E-5	1.52E-5
	CC20	-0.0571	-0.4254	-0.1309	-9.02E-4	6.59E-5	8.59E-5
	CC21	-0.0658	-0.4233	-0.1320	-8.97E-4	7.64E-5	1.08E-4
374	CC1	0.0006	-0.0071	-0.1130	-1.88E-5	-4.64E-6	2.62E-6
	CC2	0.0006	-0.0071	-0.1130	-1.88E-5	-4.64E-6	2.62E-6
	CC3	0.0006	-0.0071	-0.1130	-1.88E-5	-4.64E-6	2.62E-6
	CC4	0.0006	-0.0066	-0.1087	-1.74E-5	-4.46E-6	2.58E-6
	CC5	0.0006	-0.0066	-0.1087	-1.74E-5	-4.46E-6	2.58E-6
	CC6	0.1793	-0.0120	-0.0458	2.00E-5	-3.48E-4	-1.44E-4
	CC7	0.1768	-0.0095	-0.0463	2.42E-5	-3.43E-4	-1.37E-4
	CC8	0.1783	-0.2237	-0.0522	-4.73E-4	-3.51E-4	-1.20E-4
	CC9	0.1758	-0.2212	-0.0527	-4.69E-4	-3.46E-4	-1.14E-4
	CC10	-0.1746	0.2083	-0.1619	4.35E-4	3.37E-4	1.19E-4
	CC11	-0.1772	0.2108	-0.1624	4.39E-4	3.42E-4	1.25E-4
	CC12	-0.1756	-0.0034	-0.1682	-5.81E-5	3.34E-4	1.43E-4
	CC13	-0.1781	-0.0010	-0.1688	-5.39E-5	3.39E-4	1.49E-4
	CC14	0.0591	0.3097	-0.0785	7.36E-4	-1.11E-4	-8.52E-5
	CC15	0.0515	0.3172	-0.0801	7.49E-4	-9.49E-5	-6.66E-5
	CC16	-0.0471	0.3757	-0.1133	8.61E-4	9.49E-5	-6.39E-6
	CC17	-0.0547	0.3833	-0.1149	8.74E-4	1.11E-4	1.22E-5
	CC18	0.0559	-0.3962	-0.0996	-9.07E-4	-1.19E-4	-7.09E-6
	CC19	0.0482	-0.3887	-0.1012	-8.95E-4	-1.04E-4	1.15E-5
	CC20	-0.0503	-0.3301	-0.1345	-7.83E-4	8.61E-5	7.17E-5
	CC21	-0.0580	-0.3226	-0.1361	-7.70E-4	1.02E-4	9.03E-5
375	CC1	-0.0002	-0.0056	-0.1112	-1.59E-5	-1.18E-5	2.31E-6
	CC2	-0.0002	-0.0056	-0.1112	-1.59E-5	-1.18E-5	2.31E-6
	CC3	-0.0002	-0.0056	-0.1112	-1.59E-5	-1.18E-5	2.31E-6
	CC4	-0.0002	-0.0052	-0.1071	-1.49E-5	-1.10E-5	2.26E-6
	CC5	-0.0002	-0.0052	-0.1071	-1.49E-5	-1.10E-5	2.26E-6
	CC6	0.1442	-0.0145	-0.0475	2.10E-5	-4.27E-4	-1.18E-4
	CC7	0.1422	-0.0124	-0.0480	2.46E-5	-4.20E-4	-1.13E-4
	CC8	0.1432	-0.1846	-0.0536	-4.44E-4	-4.30E-4	-9.97E-5
	CC9	0.1411	-0.1824	-0.0541	-4.41E-4	-4.23E-4	-9.46E-5
	CC10	-0.1415	0.1722	-0.1572	4.11E-4	4.02E-4	9.91E-5
	CC11	-0.1435	0.1744	-0.1577	4.15E-4	4.08E-4	1.04E-4
	CC12	-0.1425	0.0022	-0.1634	-5.37E-5	3.99E-4	1.17E-4
	CC13	-0.1445	0.0043	-0.1639	-5.00E-5	4.05E-4	1.22E-4
	CC14	0.0475	0.2471	-0.0782	6.97E-4	-1.40E-4	-6.85E-5
	CC15	0.0414	0.2535	-0.0797	7.08E-4	-1.20E-4	-5.31E-5

	CC16	-0.0382	0.3031	-0.1112	8.14E-4	1.09E-4	-3.34E-6
	CC17	-0.0443	0.3096	-0.1126	8.25E-4	1.28E-4	1.20E-5
	CC18	0.0440	-0.3198	-0.0987	-8.54E-4	-1.50E-4	-7.53E-6
	CC19	0.0379	-0.3133	-0.1002	-8.43E-4	-1.30E-4	-7.83E-6
	CC20	-0.0417	-0.2637	-0.1316	-7.37E-4	9.90E-5	5.76E-5
	CC21	-0.0478	-0.2573	-0.1331	-7.26E-4	1.18E-4	7.29E-5
376	CC1	-0.0011	-0.0041	-0.1095	-1.68E-5	-6.80E-6	2.00E-6
	CC2	-0.0011	-0.0041	-0.1095	-1.68E-5	-6.80E-6	2.00E-6
	CC3	-0.0011	-0.0041	-0.1095	-1.68E-5	-6.80E-6	2.00E-6
	CC4	-0.0010	-0.0039	-0.1054	-1.58E-5	-6.44E-6	1.94E-6
	CC5	-0.0010	-0.0039	-0.1054	-1.58E-5	-6.44E-6	1.94E-6
	CC6	0.1085	-0.0162	-0.0498	5.27E-6	-3.59E-4	-9.24E-5
	CC7	0.1070	-0.0144	-0.0502	9.09E-6	-3.54E-4	-8.84E-5
	CC8	0.1074	-0.1464	-0.0557	-4.35E-4	-3.62E-4	-7.95E-5
	CC9	0.1059	-0.1446	-0.0562	-4.31E-4	-3.57E-4	-7.55E-5
	CC10	-0.1079	0.1370	-0.1519	4.01E-4	3.44E-4	7.93E-5
	CC11	-0.1093	0.1388	-0.1524	4.04E-4	3.49E-4	8.33E-5
	CC12	-0.1090	0.0068	-0.1578	-4.00E-5	3.41E-4	9.23E-5
	CC13	-0.1105	0.0086	-0.1583	-3.62E-5	3.47E-4	9.63E-5
	CC14	0.0356	0.1874	-0.0782	6.54E-4	-1.15E-4	-5.15E-5
	CC15	0.0311	0.1929	-0.0795	6.65E-4	-9.93E-5	-3.94E-5
	CC16	-0.0293	0.2334	-0.1088	7.72E-4	9.55E-5	1.65E-8
	CC17	-0.0338	0.2388	-0.1101	7.84E-4	1.12E-4	1.21E-5
	CC18	0.0318	-0.2464	-0.0979	-8.15E-4	-1.24E-4	-8.26E-6
	CC19	0.0273	-0.2410	-0.0993	-8.03E-4	-1.08E-4	3.83E-6
	CC20	-0.0331	-0.2005	-0.1286	-6.96E-4	8.67E-5	4.33E-5
	CC21	-0.0376	-0.1950	-0.1299	-6.85E-4	1.03E-4	5.54E-5
377	CC1	-0.0003	-0.0081	-0.1099	-2.17E-5	-2.87E-6	1.50E-6
	CC2	-0.0003	-0.0081	-0.1099	-2.17E-5	-2.87E-6	1.50E-6
	CC3	-0.0003	-0.0081	-0.1099	-2.17E-5	-2.87E-6	1.50E-6
	CC4	-0.0002	-0.0076	-0.1059	-2.03E-5	-2.87E-6	1.32E-6
	CC5	-0.0002	-0.0076	-0.1059	-2.03E-5	-2.87E-6	1.32E-6
	CC6	0.1723	0.0410	-0.0737	1.32E-4	-3.53E-4	-1.45E-4
	CC7	0.1699	0.0412	-0.0738	1.32E-4	-3.48E-4	-1.39E-4
	CC8	0.1714	-0.1788	-0.0808	-3.87E-4	-3.56E-4	-1.22E-4
	CC9	0.1689	-0.1786	-0.0809	-3.87E-4	-3.51E-4	-1.15E-4
	CC10	-0.1692	0.1637	-0.1283	3.48E-4	3.45E-4	1.18E-4
	CC11	-0.1716	0.1639	-0.1284	3.47E-4	3.51E-4	1.24E-4
	CC12	-0.1702	-0.0561	-0.1354	-1.71E-4	3.42E-4	1.41E-4
	CC13	-0.1726	-0.0559	-0.1355	-1.72E-4	3.48E-4	1.48E-4
	CC14	0.0564	0.3402	-0.0844	8.14E-4	-1.11E-4	-8.66E-5
	CC15	0.0490	0.3409	-0.0848	8.12E-4	-9.50E-5	-6.80E-5
	CC16	-0.0460	0.3770	-0.1008	8.78E-4	9.86E-5	-7.73E-6
	CC17	-0.0534	0.3777	-0.1012	8.77E-4	1.15E-4	1.09E-5
	CC18	0.0531	-0.3925	-0.1080	-9.16E-4	-1.20E-4	-8.34E-6
	CC19	0.0457	-0.3919	-0.1083	-9.18E-4	-1.04E-4	1.03E-5
	CC20	-0.0493	-0.3558	-0.1244	-8.52E-4	8.92E-5	7.06E-5
	CC21	-0.0567	-0.3551	-0.1247	-8.53E-4	1.05E-4	8.92E-5
378	CC1	-0.0005	-0.0063	-0.1087	-1.89E-5	-2.28E-6	9.18E-7
	CC2	-0.0005	-0.0063	-0.1087	-1.89E-5	-2.28E-6	9.18E-7
	CC3	-0.0005	-0.0063	-0.1087	-1.89E-5	-2.28E-6	9.18E-7
	CC4	-0.0004	-0.0059	-0.1047	-1.77E-5	-2.30E-6	7.85E-7
	CC5	-0.0004	-0.0059	-0.1047	-1.77E-5	-2.30E-6	7.85E-7
	CC6	0.1414	0.0288	-0.0740	1.29E-4	-3.46E-4	-1.20E-4
	CC7	0.1395	0.0291	-0.0741	1.28E-4	-3.41E-4	-1.15E-4
	CC8	0.1403	-0.1473	-0.0808	-3.57E-4	-3.49E-4	-1.01E-4
	CC9	0.1384	-0.1471	-0.0809	-3.58E-4	-3.44E-4	-9.64E-5
	CC10	-0.1391	0.1354	-0.1260	3.23E-4	3.40E-4	9.79E-5
	CC11	-0.1411	0.1357	-0.1261	3.22E-4	3.45E-4	1.03E-4
	CC12	-0.1402	-0.0407	-0.1327	-1.62E-4	3.37E-4	1.16E-4
	CC13	-0.1422	-0.0405	-0.1328	-1.63E-4	3.42E-4	1.21E-4
	CC14	0.0465	0.2714	-0.0842	7.64E-4	-1.08E-4	-7.01E-5
	CC15	0.0405	0.2722	-0.0845	7.61E-4	-9.24E-5	-5.48E-5
	CC16	-0.0377	0.3034	-0.0998	8.22E-4	9.75E-5	-4.81E-6
	CC17	-0.0436	0.3042	-0.1001	8.19E-4	1.13E-4	1.05E-5
	CC18	0.0429	-0.3158	-0.1068	-8.54E-4	-1.18E-4	-9.03E-6
	CC19	0.0369	-0.3150	-0.1071	-8.57E-4	-1.02E-4	6.29E-6
	CC20	-0.0413	-0.2838	-0.1223	-7.96E-4	8.77E-5	5.62E-5
	CC21	-0.0472	-0.2830	-0.1226	-7.99E-4	1.04E-4	7.16E-5
379	CC1	-0.0006	-0.0047	-0.1073	-1.85E-5	-1.52E-6	5.36E-7
	CC2	-0.0006	-0.0047	-0.1073	-1.85E-5	-1.52E-6	5.36E-7
	CC3	-0.0006	-0.0047	-0.1073	-1.85E-5	-1.52E-6	5.36E-7

	CC4	-0.0006	-0.0044	-0.1035	-1.74E-5	-1.57E-6	4.43E-7
	CC5	-0.0006	-0.0044	-0.1035	-1.74E-5	-1.57E-6	4.43E-7
	CC6	0.1118	0.0177	-0.0744	1.09E-4	-3.24E-4	-9.41E-5
	CC7	0.1103	0.0181	-0.0745	1.09E-4	-3.19E-4	-9.02E-5
	CC8	0.1106	-0.1168	-0.0809	-3.50E-4	-3.27E-4	-8.12E-5
	CC9	0.1091	-0.1164	-0.0810	-3.51E-4	-3.22E-4	-7.72E-5
	CC10	-0.1102	0.1078	-0.1234	3.17E-4	3.18E-4	7.80E-5
	CC11	-0.1117	0.1082	-0.1235	3.16E-4	3.23E-4	8.20E-5
	CC12	-0.1113	-0.0267	-0.1298	-1.43E-4	3.16E-4	9.10E-5
	CC13	-0.1129	-0.0263	-0.1299	-1.44E-4	3.21E-4	9.50E-5
	CC14	0.0370	0.2058	-0.0840	7.19E-4	-1.01E-4	-5.31E-5
	CC15	0.0324	0.2069	-0.0842	7.17E-4	-8.60E-5	-4.10E-5
	CC16	-0.0296	0.2328	-0.0987	7.81E-4	9.19E-5	-1.43E-6
	CC17	-0.0342	0.2339	-0.0989	7.79E-4	1.07E-4	1.06E-5
	CC18	0.0332	-0.2425	-0.1055	-8.13E-4	-1.10E-4	-9.82E-6
	CC19	0.0286	-0.2415	-0.1057	-8.15E-4	-9.51E-5	2.26E-6
	CC20	-0.0334	-0.2155	-0.1201	-7.51E-4	8.28E-5	4.18E-5
	CC21	-0.0380	-0.2144	-0.1204	-7.53E-4	9.76E-5	5.39E-5
380	CC1	0.0000	-0.0104	-0.1115	-2.72E-5	-6.51E-6	6.88E-7
	CC2	0.0000	-0.0104	-0.1115	-2.72E-5	-6.51E-6	6.88E-7
	CC3	0.0000	-0.0104	-0.1115	-2.72E-5	-6.51E-6	6.88E-7
	CC4	0.0001	-0.0097	-0.1074	-2.52E-5	-6.20E-6	3.54E-7
	CC5	0.0001	-0.0097	-0.1074	-2.52E-5	-6.20E-6	3.54E-7
	CC6	0.2013	0.0676	-0.0934	1.47E-4	-2.29E-4	-1.72E-4
	CC7	0.1985	0.0672	-0.0932	1.46E-4	-2.26E-4	-1.65E-4
	CC8	0.2003	-0.2007	-0.1005	-4.16E-4	-2.31E-4	-1.44E-4
	CC9	0.1974	-0.2012	-0.1004	-4.16E-4	-2.28E-4	-1.36E-4
	CC10	-0.1971	0.1822	-0.1118	3.67E-4	2.16E-4	1.37E-4
	CC11	-0.2000	0.1818	-0.1116	3.66E-4	2.19E-4	1.44E-4
	CC12	-0.1982	-0.0861	-0.1189	-1.95E-4	2.14E-4	1.65E-4
	CC13	-0.2010	-0.0866	-0.1187	-1.96E-4	2.17E-4	1.73E-4
	CC14	0.0660	0.4212	-0.0917	8.80E-4	-7.49E-5	-1.05E-4
	CC15	0.0574	0.4199	-0.0912	8.79E-4	-6.58E-5	-8.27E-5
	CC16	-0.0535	0.4556	-0.0972	9.46E-4	5.86E-5	-1.19E-5
	CC17	-0.0622	0.4542	-0.0967	9.45E-4	6.78E-5	9.99E-6
	CC18	0.0625	-0.4732	-0.1155	-9.94E-4	-8.00E-5	-9.50E-6
	CC19	0.0538	-0.4745	-0.1149	-9.95E-4	-7.08E-5	1.24E-5
	CC20	-0.0571	-0.4388	-0.1210	-9.28E-4	5.36E-5	8.32E-5
	CC21	-0.0657	-0.4402	-0.1204	-9.29E-4	6.28E-5	1.05E-4
381	CC1	0.0001	-0.0104	-0.1120	-2.87E-5	-5.75E-6	-2.19E-7
	CC2	0.0001	-0.0104	-0.1120	-2.87E-5	-5.75E-6	-2.19E-7
	CC3	0.0001	-0.0104	-0.1120	-2.87E-5	-5.75E-6	-2.19E-7
	CC4	0.0002	-0.0097	-0.1079	-2.66E-5	-5.51E-6	-5.76E-7
	CC5	0.0002	-0.0097	-0.1079	-2.66E-5	-5.51E-6	-5.76E-7
	CC6	0.2013	0.0832	-0.1203	1.75E-4	-2.33E-4	-1.73E-4
	CC7	0.1985	0.0821	-0.1199	1.73E-4	-2.30E-4	-1.66E-4
	CC8	0.2003	-0.1877	-0.1272	-3.90E-4	-2.35E-4	-1.44E-4
	CC9	0.1974	-0.1888	-0.1267	-3.92E-4	-2.32E-4	-1.37E-4
	CC10	-0.1970	0.1699	-0.0864	3.40E-4	2.21E-4	1.36E-4
	CC11	-0.1999	0.1688	-0.0860	3.38E-4	2.24E-4	1.43E-4
	CC12	-0.1981	-0.1010	-0.0933	-2.25E-4	2.19E-4	1.64E-4
	CC13	-0.2010	-0.1021	-0.0928	-2.27E-4	2.22E-4	1.72E-4
	CC14	0.0661	0.4307	-0.1009	8.93E-4	-7.52E-5	-1.06E-4
	CC15	0.0574	0.4274	-0.0995	8.88E-4	-6.59E-5	-8.36E-5
	CC16	-0.0534	0.4567	-0.0907	9.43E-4	6.10E-5	-1.29E-5
	CC17	-0.0621	0.4534	-0.0893	9.38E-4	7.04E-5	9.05E-6
	CC18	0.0625	-0.4723	-0.1238	-9.89E-4	-8.12E-5	-1.04E-5
	CC19	0.0538	-0.4756	-0.1224	-9.95E-4	-7.19E-5	1.15E-5
	CC20	-0.0570	-0.4463	-0.1136	-9.40E-4	5.50E-5	8.22E-5
	CC21	-0.0657	-0.4496	-0.1123	-9.45E-4	6.44E-5	1.04E-4
382	CC1	0.0001	-0.0103	-0.1125	-3.13E-5	-7.10E-6	-1.01E-6
	CC2	0.0001	-0.0103	-0.1125	-3.13E-5	-7.10E-6	-1.01E-6
	CC3	0.0001	-0.0103	-0.1125	-3.13E-5	-7.10E-6	-1.01E-6
	CC4	0.0002	-0.0096	-0.1084	-2.90E-5	-6.78E-6	-1.30E-6
	CC5	0.0002	-0.0096	-0.1084	-2.90E-5	-6.78E-6	-1.30E-6
	CC6	0.2014	0.0989	-0.1418	2.01E-4	-2.45E-4	-1.74E-4
	CC7	0.1985	0.0971	-0.1410	1.98E-4	-2.42E-4	-1.66E-4
	CC8	0.2003	-0.1746	-0.1484	-3.64E-4	-2.47E-4	-1.45E-4
	CC9	0.1974	-0.1764	-0.1477	-3.67E-4	-2.44E-4	-1.38E-4
	CC10	-0.1970	0.1577	-0.0665	3.11E-4	2.31E-4	1.35E-4
	CC11	-0.1998	0.1559	-0.0657	3.08E-4	2.34E-4	1.42E-4
	CC12	-0.1980	-0.1158	-0.0731	-2.54E-4	2.28E-4	1.64E-4

	CC13	-0.2009	-0.1176	-0.0724	-2.57E-4	2.32E-4	1.71E-4
	CC14	0.0661	0.4403	-0.1084	9.02E-4	-7.91E-5	-1.06E-4
	CC15	0.0575	0.4350	-0.1062	8.93E-4	-6.94E-5	-8.43E-5
	CC16	-0.0534	0.4580	-0.0858	9.35E-4	6.35E-5	-1.36E-5
	CC17	-0.0620	0.4526	-0.0836	9.26E-4	7.32E-5	8.35E-6
	CC18	0.0625	-0.4713	-0.1306	-9.82E-4	-8.66E-5	-1.11E-5
	CC19	0.0539	-0.4767	-0.1283	-9.91E-4	-7.68E-5	1.08E-5
	CC20	-0.0570	-0.4537	-0.1080	-9.49E-4	5.60E-5	8.15E-5
	CC21	-0.0656	-0.4590	-0.1057	-9.58E-4	6.58E-5	1.03E-4
383	CC1	-0.0005	-0.0076	-0.1120	-2.52E-5	1.03E-6	-2.15E-6
	CC2	-0.0005	-0.0076	-0.1120	-2.52E-5	1.03E-6	-2.15E-6
	CC3	-0.0005	-0.0076	-0.1120	-2.52E-5	1.03E-6	-2.15E-6
	CC4	-0.0004	-0.0070	-0.1079	-2.34E-5	7.71E-7	-2.23E-6
	CC5	-0.0004	-0.0070	-0.1079	-2.34E-5	7.71E-7	-2.23E-6
	CC6	0.1740	0.1231	-0.1610	2.25E-4	-3.44E-4	-1.48E-4
	CC7	0.1716	0.1211	-0.1600	2.20E-4	-3.38E-4	-1.42E-4
	CC8	0.1730	-0.1057	-0.1672	-3.13E-4	-3.46E-4	-1.26E-4
	CC9	0.1705	-0.1078	-0.1662	-3.18E-4	-3.41E-4	-1.20E-4
	CC10	-0.1712	0.0941	-0.0469	2.73E-4	3.42E-4	1.15E-4
	CC11	-0.1736	0.0921	-0.0459	2.68E-4	3.47E-4	1.21E-4
	CC12	-0.1722	-0.1348	-0.0531	-2.66E-4	3.40E-4	1.38E-4
	CC13	-0.1746	-0.1368	-0.0521	-2.71E-4	3.45E-4	1.44E-4
	CC14	0.0569	0.3821	-0.1148	8.76E-4	-1.06E-4	-8.84E-5
	CC15	0.0494	0.3760	-0.1117	8.60E-4	-9.03E-5	-6.98E-5
	CC16	-0.0467	0.3733	-0.0806	8.90E-4	9.97E-5	-9.41E-6
	CC17	-0.0541	0.3673	-0.0775	8.75E-4	1.15E-4	9.19E-6
	CC18	0.0535	-0.3809	-0.1356	-9.20E-4	-1.14E-4	-1.37E-5
	CC19	0.0460	-0.3870	-0.1325	-9.35E-4	-9.83E-5	4.89E-6
	CC20	-0.0501	-0.3896	-0.1014	-9.06E-4	9.17E-5	6.53E-5
	CC21	-0.0575	-0.3957	-0.0983	-9.21E-4	1.07E-4	8.39E-5
384	CC1	-0.0002	-0.0056	-0.1103	-1.97E-5	4.12E-6	-1.92E-6
	CC2	-0.0002	-0.0056	-0.1103	-1.97E-5	4.12E-6	-1.92E-6
	CC3	-0.0002	-0.0056	-0.1103	-1.97E-5	4.12E-6	-1.92E-6
	CC4	-0.0001	-0.0052	-0.1063	-1.83E-5	3.64E-6	-1.98E-6
	CC5	-0.0001	-0.0052	-0.1063	-1.83E-5	3.64E-6	-1.98E-6
	CC6	0.1433	0.1017	-0.1560	2.22E-4	-3.48E-4	-1.22E-4
	CC7	0.1413	0.1001	-0.1550	2.17E-4	-3.43E-4	-1.17E-4
	CC8	0.1423	-0.0815	-0.1620	-2.88E-4	-3.51E-4	-1.05E-4
	CC9	0.1403	-0.0830	-0.1610	-2.93E-4	-3.46E-4	-1.00E-4
	CC10	-0.1405	0.0729	-0.0490	2.58E-4	3.53E-4	9.62E-5
	CC11	-0.1425	0.0713	-0.0480	2.52E-4	3.58E-4	1.01E-4
	CC12	-0.1415	-0.1103	-0.0550	-2.53E-4	3.50E-4	1.13E-4
	CC13	-0.1435	-0.1118	-0.0541	-2.58E-4	3.55E-4	1.18E-4
	CC14	0.0472	0.3068	-0.1125	8.36E-4	-1.04E-4	-6.96E-5
	CC15	0.0412	0.3021	-0.1095	8.20E-4	-8.80E-5	-5.43E-5
	CC16	-0.0380	0.2982	-0.0804	8.46E-4	1.06E-4	-4.29E-6
	CC17	-0.0440	0.2935	-0.0774	8.30E-4	1.22E-4	1.10E-5
	CC18	0.0438	-0.3036	-0.1326	-8.66E-4	-1.15E-4	-1.50E-5
	CC19	0.0378	-0.3083	-0.1296	-8.82E-4	-9.90E-5	2.98E-7
	CC20	-0.0413	-0.3123	-0.1005	-8.55E-4	9.49E-5	5.03E-5
	CC21	-0.0473	-0.3170	-0.0975	-8.71E-4	1.11E-4	6.56E-5
385	CC1	0.0001	-0.0040	-0.1087	-1.82E-5	1.69E-6	-1.54E-6
	CC2	0.0001	-0.0040	-0.1087	-1.82E-5	1.69E-6	-1.54E-6
	CC3	0.0001	-0.0040	-0.1087	-1.82E-5	1.69E-6	-1.54E-6
	CC4	0.0001	-0.0037	-0.1048	-1.69E-5	1.41E-6	-1.58E-6
	CC5	0.0001	-0.0037	-0.1048	-1.69E-5	1.41E-6	-1.58E-6
	CC6	0.1133	0.0808	-0.1495	2.15E-4	-3.31E-4	-9.53E-5
	CC7	0.1118	0.0797	-0.1486	2.10E-4	-3.26E-4	-9.13E-5
	CC8	0.1122	-0.0584	-0.1553	-2.69E-4	-3.34E-4	-8.40E-5
	CC9	0.1107	-0.0595	-0.1544	-2.74E-4	-3.29E-4	-8.00E-5
	CC10	-0.1104	0.0524	-0.0526	2.41E-4	3.32E-4	7.68E-5
	CC11	-0.1119	0.0513	-0.0517	2.36E-4	3.37E-4	8.08E-5
	CC12	-0.1115	-0.0868	-0.0584	-2.43E-4	3.28E-4	8.81E-5
	CC13	-0.1130	-0.0879	-0.0575	-2.48E-4	3.33E-4	9.21E-5
	CC14	0.0379	0.2344	-0.1097	7.95E-4	-1.00E-4	-5.23E-5
	CC15	0.0332	0.2310	-0.1070	7.80E-4	-8.47E-5	-4.02E-5
	CC16	-0.0293	0.2259	-0.0806	8.02E-4	9.88E-5	-6.14E-7
	CC17	-0.0339	0.2225	-0.0779	7.88E-4	1.14E-4	1.14E-5
	CC18	0.0342	-0.2297	-0.1291	-8.21E-4	-1.11E-4	-1.46E-5
	CC19	0.0296	-0.2330	-0.1263	-8.35E-4	-9.62E-5	-2.58E-6
	CC20	-0.0329	-0.2382	-0.1000	-8.13E-4	8.73E-5	3.70E-5
	CC21	-0.0376	-0.2415	-0.0972	-8.28E-4	1.03E-4	4.91E-5

386	CC1	0.0006	-0.0105	-0.0993	1.48E-7	-1.59E-6	3.75E-6
	CC2	0.0006	-0.0105	-0.0993	1.48E-7	-1.59E-6	3.75E-6
	CC3	0.0006	-0.0105	-0.0993	1.48E-7	-1.59E-6	3.75E-6
	CC4	0.0007	-0.0098	-0.0963	1.49E-7	-1.60E-6	3.54E-6
	CC5	0.0007	-0.0098	-0.0963	1.49E-7	-1.60E-6	3.54E-6
	CC6	0.1751	0.0506	-0.0412	2.65E-5	-2.85E-4	-1.69E-4
	CC7	0.1749	0.0508	-0.0406	2.65E-5	-2.85E-4	-1.62E-4
	CC8	0.1859	-0.2149	-0.0653	2.52E-5	-2.70E-4	-1.40E-4
	CC9	0.1857	-0.2147	-0.0647	2.52E-5	-2.70E-4	-1.33E-4
	CC10	-0.1844	0.1954	-0.1259	-2.49E-5	2.67E-4	1.40E-4
	CC11	-0.1846	0.1957	-0.1253	-2.49E-5	2.67E-4	1.47E-4
	CC12	-0.1735	-0.0701	-0.1501	-2.62E-5	2.81E-4	1.69E-4
	CC13	-0.1737	-0.0698	-0.1494	-2.62E-5	2.82E-4	1.76E-4
	CC14	0.0369	0.4108	-0.0433	1.01E-5	-1.09E-4	-1.01E-4
	CC15	0.0363	0.4116	-0.0414	1.01E-5	-1.08E-4	-7.94E-5
	CC16	-0.0710	0.4542	-0.0687	-5.28E-6	5.68E-5	-8.69E-6
	CC17	-0.0716	0.4550	-0.0668	-5.34E-6	5.74E-5	1.32E-5
	CC18	0.0729	-0.4743	-0.1238	5.64E-6	-6.06E-5	-6.28E-6
	CC19	0.0723	-0.4735	-0.1219	5.58E-6	-6.00E-5	1.56E-5
	CC20	-0.0349	-0.4308	-0.1492	-9.78E-6	1.05E-4	8.64E-5
	CC21	-0.0355	-0.4300	-0.1473	-9.83E-6	1.06E-4	1.08E-4
387	CC1	0.0009	-0.0104	-0.0970	3.49E-7	-3.74E-6	4.78E-6
	CC2	0.0009	-0.0104	-0.0970	3.49E-7	-3.74E-6	4.78E-6
	CC3	0.0009	-0.0104	-0.0970	3.49E-7	-3.74E-6	4.78E-6
	CC4	0.0010	-0.0098	-0.0941	3.35E-7	-3.59E-6	4.48E-6
	CC5	0.0010	-0.0098	-0.0941	3.35E-7	-3.59E-6	4.48E-6
	CC6	0.1705	0.0494	-0.0478	2.62E-5	-2.81E-4	-1.68E-4
	CC7	0.1709	0.0497	-0.0472	2.63E-5	-2.82E-4	-1.61E-4
	CC8	0.1835	-0.2159	-0.0399	2.54E-5	-2.73E-4	-1.39E-4
	CC9	0.1839	-0.2156	-0.0393	2.55E-5	-2.74E-4	-1.32E-4
	CC10	-0.1819	0.1965	-0.1471	-2.48E-5	2.67E-4	1.41E-4
	CC11	-0.1816	0.1968	-0.1465	-2.48E-5	2.66E-4	1.48E-4
	CC12	-0.1689	-0.0688	-0.1391	-2.56E-5	2.75E-4	1.69E-4
	CC13	-0.1685	-0.0685	-0.1385	-2.55E-5	2.74E-4	1.77E-4
	CC14	0.0316	0.4101	-0.0925	9.15E-6	-9.83E-5	-1.00E-4
	CC15	0.0327	0.4110	-0.0906	9.33E-6	-1.00E-4	-7.85E-5
	CC16	-0.0742	0.4542	-0.1223	-6.17E-6	6.62E-5	-7.78E-6
	CC17	-0.0730	0.4552	-0.1204	-5.98E-6	6.43E-5	1.41E-5
	CC18	0.0750	-0.4743	-0.0660	6.64E-6	-7.13E-5	-5.37E-6
	CC19	0.0762	-0.4733	-0.0641	6.83E-6	-7.33E-5	1.65E-5
	CC20	-0.0307	-0.4301	-0.0957	-8.67E-6	9.32E-5	8.73E-5
	CC21	-0.0296	-0.4292	-0.0939	-8.49E-6	9.12E-5	1.09E-4
388	CC1	0.0013	-0.0103	-0.0948	5.15E-7	-5.53E-6	4.84E-6
	CC2	0.0013	-0.0103	-0.0948	5.15E-7	-5.53E-6	4.84E-6
	CC3	0.0013	-0.0103	-0.0948	5.15E-7	-5.53E-6	4.84E-6
	CC4	0.0013	-0.0097	-0.0921	4.80E-7	-5.16E-6	4.48E-6
	CC5	0.0013	-0.0097	-0.0921	4.80E-7	-5.16E-6	4.48E-6
	CC6	0.1663	0.0482	-0.0529	2.43E-5	-2.61E-4	-1.68E-4
	CC7	0.1673	0.0485	-0.0523	2.44E-5	-2.63E-4	-1.61E-4
	CC8	0.1815	-0.2169	-0.0136	2.49E-5	-2.67E-4	-1.39E-4
	CC9	0.1825	-0.2166	-0.0130	2.50E-5	-2.69E-4	-1.32E-4
	CC10	-0.1798	0.1976	-0.1693	-2.41E-5	2.59E-4	1.41E-4
	CC11	-0.1788	0.1980	-0.1687	-2.39E-5	2.57E-4	1.48E-4
	CC12	-0.1646	-0.0675	-0.1300	-2.35E-5	2.53E-4	1.69E-4
	CC13	-0.1636	-0.0671	-0.1294	-2.34E-5	2.51E-4	1.77E-4
	CC14	0.0264	0.4094	-0.1401	6.58E-6	-7.07E-5	-1.00E-4
	CC15	0.0293	0.4105	-0.1383	6.99E-6	-7.50E-5	-7.85E-5
	CC16	-0.0774	0.4542	-0.1750	-7.94E-6	8.53E-5	-7.79E-6
	CC17	-0.0745	0.4553	-0.1732	-7.53E-6	8.09E-5	1.41E-5
	CC18	0.0772	-0.4743	-0.0091	8.47E-6	-9.10E-5	-5.38E-6
	CC19	0.0801	-0.4732	-0.0073	8.88E-6	-9.54E-5	1.65E-5
	CC20	-0.0266	-0.4294	-0.0440	-6.05E-6	6.50E-5	8.73E-5
	CC21	-0.0237	-0.4283	-0.0422	-5.64E-6	6.06E-5	1.09E-4
389	CC1	0.0000	-0.0083	-0.1007	-2.43E-5	-5.36E-6	2.44E-6
	CC2	0.0000	-0.0083	-0.1007	-2.43E-5	-5.36E-6	2.44E-6
	CC3	0.0000	-0.0083	-0.1007	-2.43E-5	-5.36E-6	2.44E-6
	CC4	0.0001	-0.0077	-0.0976	-2.28E-5	-5.33E-6	2.29E-6
	CC5	0.0001	-0.0077	-0.0976	-2.28E-5	-5.33E-6	2.29E-6
	CC6	0.1570	0.0418	-0.0321	1.24E-4	-3.00E-4	-1.45E-4
	CC7	0.1563	0.0420	-0.0315	1.24E-4	-2.98E-4	-1.38E-4
	CC8	0.1631	-0.1797	-0.0866	-3.96E-4	-3.23E-4	-1.21E-4
	CC9	0.1624	-0.1795	-0.0860	-3.96E-4	-3.22E-4	-1.15E-4

	CC10	-0.1621	0.1643	-0.1071	3.52E-4	3.11E-4	1.20E-4
	CC11	-0.1628	0.1645	-0.1065	3.51E-4	3.13E-4	1.26E-4
	CC12	-0.1560	-0.0571	-0.1616	-1.68E-4	2.87E-4	1.43E-4
	CC13	-0.1567	-0.0569	-0.1610	-1.69E-4	2.89E-4	1.49E-4
	CC14	0.0389	0.3428	0.0046	8.11E-4	-5.96E-5	-8.55E-5
	CC15	0.0369	0.3434	0.0064	8.09E-4	-5.53E-5	-6.69E-5
	CC16	-0.0568	0.3795	-0.0179	8.79E-4	1.24E-4	-6.28E-6
	CC17	-0.0588	0.3801	-0.0161	8.78E-4	1.28E-4	1.24E-5
	CC18	0.0592	-0.3953	-0.1771	-9.22E-4	-1.39E-4	-7.90E-6
	CC19	0.0571	-0.3947	-0.1752	-9.24E-4	-1.34E-4	1.08E-5
	CC20	-0.0366	-0.3585	-0.1996	-8.54E-4	4.46E-5	7.14E-5
	CC21	-0.0386	-0.3579	-0.1977	-8.56E-4	4.89E-5	9.00E-5
390	CC1	-0.0005	-0.0063	-0.0995	-2.10E-5	-6.32E-6	1.90E-6
	CC2	-0.0005	-0.0063	-0.0995	-2.10E-5	-6.32E-6	1.90E-6
	CC3	-0.0005	-0.0063	-0.0995	-2.10E-5	-6.32E-6	1.90E-6
	CC4	-0.0004	-0.0059	-0.0964	-1.97E-5	-6.36E-6	1.79E-6
	CC5	-0.0004	-0.0059	-0.0964	-1.97E-5	-6.36E-6	1.79E-6
	CC6	0.1294	0.0302	-0.0347	1.25E-4	-3.26E-4	-1.19E-4
	CC7	0.1289	0.0305	-0.0341	1.25E-4	-3.24E-4	-1.14E-4
	CC8	0.1339	-0.1462	-0.0854	-3.76E-4	-3.41E-4	-1.02E-4
	CC9	0.1333	-0.1459	-0.0849	-3.77E-4	-3.40E-4	-9.66E-5
	CC10	-0.1341	0.1344	-0.1059	3.39E-4	3.27E-4	1.00E-4
	CC11	-0.1346	0.1347	-0.1054	3.38E-4	3.29E-4	1.05E-4
	CC12	-0.1297	-0.0420	-0.1567	-1.63E-4	3.11E-4	1.18E-4
	CC13	-0.1302	-0.0417	-0.1561	-1.64E-4	3.13E-4	1.23E-4
	CC14	0.0326	0.2722	-0.0011	7.86E-4	-8.01E-5	-6.81E-5
	CC15	0.0310	0.2730	0.0007	7.84E-4	-7.56E-5	-5.27E-5
	CC16	-0.0465	0.3035	-0.0224	8.50E-4	1.16E-4	-2.24E-6
	CC17	-0.0481	0.3043	-0.0207	8.48E-4	1.20E-4	1.31E-5
	CC18	0.0473	-0.3158	-0.1701	-8.87E-4	-1.33E-4	-9.63E-6
	CC19	0.0457	-0.3150	-0.1684	-8.89E-4	-1.28E-4	5.75E-6
	CC20	-0.0318	-0.2845	-0.1915	-8.23E-4	6.28E-5	5.62E-5
	CC21	-0.0334	-0.2837	-0.1898	-8.25E-4	6.74E-5	7.16E-5
391	CC1	-0.0010	-0.0045	-0.0982	-1.82E-5	-3.62E-6	1.42E-6
	CC2	-0.0010	-0.0045	-0.0982	-1.82E-5	-3.62E-6	1.42E-6
	CC3	-0.0010	-0.0045	-0.0982	-1.82E-5	-3.62E-6	1.42E-6
	CC4	-0.0009	-0.0042	-0.0952	-1.71E-5	-3.68E-6	1.34E-6
	CC5	-0.0009	-0.0042	-0.0952	-1.71E-5	-3.68E-6	1.34E-6
	CC6	0.1012	0.0189	-0.0385	1.16E-4	-3.08E-4	-9.34E-5
	CC7	0.1008	0.0193	-0.0380	1.16E-4	-3.07E-4	-8.95E-5
	CC8	0.1044	-0.1147	-0.0837	-3.50E-4	-3.22E-4	-8.14E-5
	CC9	0.1040	-0.1144	-0.0831	-3.51E-4	-3.21E-4	-7.75E-5
	CC10	-0.1057	0.1061	-0.1053	3.17E-4	3.13E-4	8.01E-5
	CC11	-0.1061	0.1064	-0.1047	3.17E-4	3.15E-4	8.41E-5
	CC12	-0.1025	-0.0276	-0.1504	-1.49E-4	2.99E-4	9.21E-5
	CC13	-0.1030	-0.0272	-0.1498	-1.50E-4	3.01E-4	9.61E-5
	CC14	0.0256	0.2050	-0.0098	7.32E-4	-7.56E-5	-5.08E-5
	CC15	0.0243	0.2060	-0.0082	7.30E-4	-7.13E-5	-3.87E-5
	CC16	-0.0365	0.2312	-0.0298	7.92E-4	1.11E-4	1.31E-6
	CC17	-0.0377	0.2321	-0.0282	7.90E-4	1.15E-4	1.34E-5
	CC18	0.0360	-0.2404	-0.1602	-8.23E-4	-1.23E-4	-1.08E-5
	CC19	0.0348	-0.2395	-0.1586	-8.25E-4	-1.18E-4	1.33E-6
	CC20	-0.0261	-0.2143	-0.1802	-7.63E-4	6.39E-5	4.13E-5
	CC21	-0.0273	-0.2133	-0.1786	-7.65E-4	6.82E-5	5.34E-5
392	CC1	0.0009	-0.0080	-0.0925	-2.49E-5	-7.10E-6	3.10E-6
	CC2	0.0009	-0.0080	-0.0925	-2.49E-5	-7.10E-6	3.10E-6
	CC3	0.0009	-0.0080	-0.0925	-2.49E-5	-7.10E-6	3.10E-6
	CC4	0.0010	-0.0075	-0.0898	-2.35E-5	-6.76E-6	2.84E-6
	CC5	0.0010	-0.0075	-0.0898	-2.35E-5	-6.76E-6	2.84E-6
	CC6	0.1398	0.0375	-0.0559	1.21E-4	-2.75E-4	-1.48E-4
	CC7	0.1412	0.0379	-0.0552	1.21E-4	-2.78E-4	-1.42E-4
	CC8	0.1537	-0.1823	0.0132	-4.09E-4	-3.07E-4	-1.06E-4
	CC9	0.1550	-0.1819	0.0139	-4.10E-4	-3.09E-4	-1.00E-4
	CC10	-0.1530	0.1674	-0.1918	3.64E-4	2.96E-4	1.06E-4
	CC11	-0.1517	0.1677	-0.1911	3.64E-4	2.93E-4	1.12E-4
	CC12	-0.1392	-0.0524	-0.1227	-1.67E-4	2.64E-4	1.47E-4
	CC13	-0.1379	-0.0520	-0.1220	-1.67E-4	2.62E-4	1.54E-4
	CC14	0.0199	0.3389	-0.1847	8.25E-4	-3.61E-5	-1.14E-4
	CC15	0.0239	0.3401	-0.1828	8.24E-4	-4.35E-5	-9.54E-5
	CC16	-0.0680	0.3779	-0.2255	8.98E-4	1.35E-4	-3.81E-5
	CC17	-0.0639	0.3791	-0.2235	8.97E-4	1.28E-4	-1.92E-5
	CC18	0.0659	-0.3937	0.0456	-9.43E-4	-1.41E-4	2.48E-5

	CC19	0.0700	-0.3925	0.0476	-9.44E-4	-1.48E-4	4.36E-5
	CC20	-0.0219	-0.3547	0.0049	-8.70E-4	3.02E-5	1.01E-4
	CC21	-0.0179	-0.3535	0.0068	-8.71E-4	2.28E-5	1.20E-4
393	CC1	0.0004	-0.0059	-0.0923	-2.21E-5	-6.20E-6	2.82E-6
	CC2	0.0004	-0.0059	-0.0923	-2.21E-5	-6.20E-6	2.82E-6
	CC3	0.0004	-0.0059	-0.0923	-2.21E-5	-6.20E-6	2.82E-6
	CC4	0.0004	-0.0055	-0.0896	-2.08E-5	-6.09E-6	2.64E-6
	CC5	0.0004	-0.0055	-0.0896	-2.08E-5	-6.09E-6	2.64E-6
	CC6	0.1172	0.0273	-0.0545	1.07E-4	-2.51E-4	-1.21E-4
	CC7	0.1183	0.0277	-0.0538	1.07E-4	-2.54E-4	-1.15E-4
	CC8	0.1274	-0.1485	0.0101	-3.64E-4	-2.92E-4	-8.58E-5
	CC9	0.1285	-0.1481	0.0108	-3.65E-4	-2.94E-4	-8.07E-5
	CC10	-0.1276	0.1373	-0.1883	3.24E-4	2.82E-4	8.59E-5
	CC11	-0.1265	0.1377	-0.1876	3.24E-4	2.80E-4	9.10E-5
	CC12	-0.1174	-0.0385	-0.1236	-1.48E-4	2.42E-4	1.21E-4
	CC13	-0.1163	-0.0381	-0.1229	-1.48E-4	2.39E-4	1.26E-4
	CC14	0.0184	0.2705	-0.1775	7.33E-4	-1.54E-5	-9.39E-5
	CC15	0.0218	0.2717	-0.1754	7.33E-4	-2.26E-5	-7.85E-5
	CC16	-0.0550	0.3035	-0.2176	7.98E-4	1.45E-4	-3.20E-5
	CC17	-0.0516	0.3047	-0.2155	7.98E-4	1.37E-4	-1.65E-5
	CC18	0.0525	-0.3155	0.0381	-8.38E-4	-1.50E-4	2.17E-5
	CC19	0.0559	-0.3143	0.0402	-8.39E-4	-1.57E-4	3.71E-5
	CC20	-0.0210	-0.2825	-0.0020	-7.73E-4	1.05E-5	8.36E-5
	CC21	-0.0176	-0.2813	0.0000	-7.74E-4	3.32E-6	9.91E-5
394	CC1	-0.0001	-0.0041	-0.0920	-1.85E-5	-4.52E-6	2.20E-6
	CC2	-0.0001	-0.0041	-0.0920	-1.85E-5	-4.52E-6	2.20E-6
	CC3	-0.0001	-0.0041	-0.0920	-1.85E-5	-4.52E-6	2.20E-6
	CC4	-0.0001	-0.0038	-0.0893	-1.74E-5	-4.49E-6	2.11E-6
	CC5	-0.0001	-0.0038	-0.0893	-1.74E-5	-4.49E-6	2.11E-6
	CC6	0.0939	0.0173	-0.0543	1.17E-4	-2.76E-4	-8.86E-5
	CC7	0.0948	0.0177	-0.0536	1.17E-4	-2.79E-4	-8.48E-5
	CC8	0.1009	-0.1165	0.0047	-3.81E-4	-3.17E-4	-6.97E-5
	CC9	0.1018	-0.1160	0.0054	-3.81E-4	-3.19E-4	-6.58E-5
	CC10	-0.1019	0.1086	-0.1822	3.47E-4	3.10E-4	7.00E-5
	CC11	-0.1010	0.1090	-0.1816	3.47E-4	3.08E-4	7.38E-5
	CC12	-0.0949	-0.0251	-0.1233	-1.51E-4	2.70E-4	8.89E-5
	CC13	-0.0940	-0.0247	-0.1226	-1.51E-4	2.67E-4	9.27E-5
	CC14	0.0164	0.2048	-0.1685	7.79E-4	-2.04E-5	-5.90E-5
	CC15	0.0191	0.2061	-0.1665	7.78E-4	-2.88E-5	-4.74E-5
	CC16	-0.0424	0.2322	-0.2069	8.48E-4	1.56E-4	-1.15E-5
	CC17	-0.0397	0.2335	-0.2049	8.47E-4	1.47E-4	1.51E-7
	CC18	0.0396	-0.2409	0.0280	-8.81E-4	-1.56E-4	4.00E-6
	CC19	0.0423	-0.2396	0.0301	-8.82E-4	-1.64E-4	1.56E-5
	CC20	-0.0191	-0.2135	-0.0104	-8.12E-4	1.98E-5	5.16E-5
	CC21	-0.0164	-0.2122	-0.0083	-8.13E-4	1.14E-5	6.32E-5
395	CC1	0.0019	-0.0092	-0.0967	-3.38E-5	-1.87E-6	-1.25E-5
	CC2	0.0019	-0.0092	-0.0967	-3.38E-5	-1.87E-6	-1.25E-5
	CC3	0.0019	-0.0092	-0.0967	-3.38E-5	-1.87E-6	-1.25E-5
	CC4	0.0020	-0.0085	-0.0939	-3.14E-5	-1.74E-6	-1.22E-5
	CC5	0.0020	-0.0085	-0.0939	-3.14E-5	-1.74E-6	-1.22E-5
	CC6	0.1624	0.1399	-0.0961	1.90E-4	1.05E-5	-1.84E-4
	CC7	0.1640	0.1371	-0.0957	1.85E-4	1.03E-5	-1.77E-4
	CC8	0.1800	-0.1377	-0.0685	-3.23E-4	-1.80E-5	-1.56E-4
	CC9	0.1816	-0.1404	-0.0681	-3.28E-4	-1.82E-5	-1.49E-4
	CC10	-0.1776	0.1240	-0.1178	2.67E-4	1.48E-5	1.25E-4
	CC11	-0.1760	0.1212	-0.1175	2.62E-4	1.46E-5	1.32E-4
	CC12	-0.1600	-0.1535	-0.0902	-2.47E-4	-1.37E-5	1.53E-4
	CC13	-0.1584	-0.1563	-0.0898	-2.51E-4	-1.39E-5	1.60E-4
	CC14	0.0213	0.4609	-0.1363	8.20E-4	4.55E-5	-1.17E-4
	CC15	0.0261	0.4525	-0.1352	8.07E-4	4.48E-5	-9.50E-5
	CC16	-0.0807	0.4562	-0.1428	8.43E-4	4.68E-5	-2.42E-5
	CC17	-0.0759	0.4477	-0.1418	8.30E-4	4.61E-5	-2.31E-6
	CC18	0.0799	-0.4641	-0.0442	-8.91E-4	-4.95E-5	-2.18E-5
	CC19	0.0847	-0.4726	-0.0431	-9.04E-4	-5.02E-5	1.03E-7
	CC20	-0.0221	-0.4689	-0.0507	-8.68E-4	-4.82E-5	7.09E-5
	CC21	-0.0173	-0.4773	-0.0496	-8.81E-4	-4.89E-5	9.28E-5
396	CC1	0.0019	-0.0082	-0.0974	-3.87E-5	-2.15E-6	-1.03E-5
	CC2	0.0019	-0.0082	-0.0974	-3.87E-5	-2.15E-6	-1.03E-5
	CC3	0.0019	-0.0082	-0.0974	-3.87E-5	-2.15E-6	-1.03E-5
	CC4	0.0020	-0.0075	-0.0947	-3.61E-5	-2.00E-6	-9.98E-6
	CC5	0.0020	-0.0075	-0.0947	-3.61E-5	-2.00E-6	-9.98E-6
	CC6	0.1622	0.1422	-0.1137	1.86E-4	1.03E-5	-1.82E-4

	CC7	0.1638	0.1388	-0.1135	1.81E-4	1.00E-5	-1.75E-4
	CC8	0.1799	-0.1379	-0.0867	-3.18E-4	-1.77E-5	-1.54E-4
	CC9	0.1815	-0.1413	-0.0865	-3.23E-4	-1.80E-5	-1.46E-4
	CC10	-0.1775	0.1268	-0.1010	2.53E-4	1.40E-5	1.27E-4
	CC11	-0.1759	0.1234	-0.1007	2.48E-4	1.37E-5	1.34E-4
	CC12	-0.1598	-0.1533	-0.0740	-2.51E-4	-1.39E-5	1.55E-4
	CC13	-0.1582	-0.1567	-0.0737	-2.57E-4	-1.42E-5	1.62E-4
	CC14	0.0210	0.4671	-0.1410	8.03E-4	4.46E-5	-1.15E-4
	CC15	0.0259	0.4567	-0.1403	7.87E-4	4.37E-5	-9.28E-5
	CC16	-0.0809	0.4624	-0.1372	8.23E-4	4.57E-5	-2.20E-5
	CC17	-0.0760	0.4520	-0.1365	8.07E-4	4.48E-5	-1.08E-7
	CC18	0.0801	-0.4666	-0.0510	-8.77E-4	-4.87E-5	-1.96E-5
	CC19	0.0850	-0.4770	-0.0503	-8.94E-4	-4.96E-5	2.30E-6
	CC20	-0.0219	-0.4712	-0.0471	-8.57E-4	-4.76E-5	7.31E-5
	CC21	-0.0169	-0.4816	-0.0465	-8.74E-4	-4.85E-5	9.50E-5
397	CC1	0.0020	-0.0075	-0.0982	-4.54E-5	-2.52E-6	-6.29E-6
	CC2	0.0020	-0.0075	-0.0982	-4.54E-5	-2.52E-6	-6.29E-6
	CC3	0.0020	-0.0075	-0.0982	-4.54E-5	-2.52E-6	-6.29E-6
	CC4	0.0021	-0.0068	-0.0955	-4.25E-5	-2.36E-6	-5.98E-6
	CC5	0.0021	-0.0068	-0.0955	-4.25E-5	-2.36E-6	-5.98E-6
	CC6	0.1620	0.1581	-0.1302	1.59E-4	8.81E-6	-1.78E-4
	CC7	0.1637	0.1541	-0.1301	1.53E-4	8.47E-6	-1.71E-4
	CC8	0.1799	-0.1245	-0.1033	-3.18E-4	-1.76E-5	-1.50E-4
	CC9	0.1815	-0.1286	-0.1032	-3.24E-4	-1.80E-5	-1.42E-4
	CC10	-0.1774	0.1154	-0.0859	2.41E-4	1.34E-5	1.31E-4
	CC11	-0.1757	0.1113	-0.0858	2.35E-4	1.30E-5	1.38E-4
	CC12	-0.1595	-0.1673	-0.0590	-2.36E-4	-1.31E-5	1.59E-4
	CC13	-0.1578	-0.1713	-0.0589	-2.42E-4	-1.34E-5	1.66E-4
	CC14	0.0207	0.4771	-0.1462	7.49E-4	4.16E-5	-1.11E-4
	CC15	0.0257	0.4647	-0.1459	7.31E-4	4.06E-5	-8.88E-5
	CC16	-0.0811	0.4643	-0.1329	7.74E-4	4.30E-5	-1.80E-5
	CC17	-0.0761	0.4519	-0.1326	7.56E-4	4.20E-5	3.87E-6
	CC18	0.0803	-0.4651	-0.0565	-8.39E-4	-4.66E-5	-1.56E-5
	CC19	0.0853	-0.4775	-0.0562	-8.57E-4	-4.76E-5	6.28E-6
	CC20	-0.0216	-0.4779	-0.0432	-8.14E-4	-4.52E-5	7.70E-5
	CC21	-0.0165	-0.4903	-0.0429	-8.32E-4	-4.62E-5	9.89E-5
398	CC1	0.0012	-0.0067	-0.0953	-1.56E-5	1.88E-6	-7.53E-6
	CC2	0.0012	-0.0067	-0.0953	-1.56E-5	1.88E-6	-7.53E-6
	CC3	0.0012	-0.0067	-0.0953	-1.56E-5	1.88E-6	-7.53E-6
	CC4	0.0012	-0.0061	-0.0926	-1.43E-5	1.59E-6	-7.39E-6
	CC5	0.0012	-0.0061	-0.0926	-1.43E-5	1.59E-6	-7.39E-6
	CC6	0.1381	0.0925	-0.0832	2.61E-4	-9.27E-5	-1.51E-4
	CC7	0.1394	0.0907	-0.0828	2.56E-4	-9.68E-5	-1.45E-4
	CC8	0.1516	-0.1418	-0.0546	-3.41E-4	-1.87E-4	-1.34E-4
	CC9	0.1530	-0.1436	-0.0542	-3.46E-4	-1.91E-4	-1.28E-4
	CC10	-0.1505	0.1317	-0.1291	3.18E-4	1.94E-4	1.13E-4
	CC11	-0.1492	0.1299	-0.1286	3.13E-4	1.90E-4	1.19E-4
	CC12	-0.1369	-0.1026	-0.1004	-2.84E-4	9.98E-5	1.30E-4
	CC13	-0.1356	-0.1044	-0.1000	-2.89E-4	9.57E-5	1.36E-4
	CC14	0.0199	0.3814	-0.1331	9.88E-4	1.22E-4	-8.48E-5
	CC15	0.0239	0.3759	-0.1318	9.72E-4	1.10E-4	-6.64E-5
	CC16	-0.0667	0.3932	-0.1468	1.00E-3	2.08E-4	-5.65E-6
	CC17	-0.0627	0.3877	-0.1456	9.89E-4	1.96E-4	1.28E-5
	CC18	0.0651	-0.3996	-0.0377	-1.02E-3	-1.93E-4	-2.75E-5
	CC19	0.0691	-0.4051	-0.0364	-1.03E-3	-2.05E-4	-9.03E-6
	CC20	-0.0214	-0.3878	-0.0514	-1.00E-3	-1.07E-4	5.17E-5
	CC21	-0.0175	-0.3933	-0.0502	-1.02E-3	-1.19E-4	7.01E-5
399	CC1	0.0006	-0.0052	-0.0946	-1.75E-5	-3.76E-6	-7.52E-6
	CC2	0.0006	-0.0052	-0.0946	-1.75E-5	-3.76E-6	-7.52E-6
	CC3	0.0006	-0.0052	-0.0946	-1.75E-5	-3.76E-6	-7.52E-6
	CC4	0.0007	-0.0048	-0.0918	-1.61E-5	-3.64E-6	-7.34E-6
	CC5	0.0007	-0.0048	-0.0918	-1.61E-5	-3.64E-6	-7.34E-6
	CC6	0.1150	0.0700	-0.0848	2.36E-4	-1.35E-4	-1.25E-4
	CC7	0.1161	0.0686	-0.0844	2.31E-4	-1.38E-4	-1.20E-4
	CC8	0.1245	-0.1145	-0.0573	-3.11E-4	-1.64E-4	-1.13E-4
	CC9	0.1256	-0.1159	-0.0569	-3.16E-4	-1.67E-4	-1.08E-4
	CC10	-0.1243	0.1066	-0.1250	2.85E-4	1.60E-4	9.31E-5
	CC11	-0.1232	0.1052	-0.1246	2.80E-4	1.57E-4	9.80E-5
	CC12	-0.1147	-0.0779	-0.0975	-2.62E-4	1.31E-4	1.06E-4
	CC13	-0.1136	-0.0793	-0.0971	-2.67E-4	1.28E-4	1.11E-4
	CC14	0.0191	0.2994	-0.1313	8.97E-4	5.15E-6	-6.84E-5
	CC15	0.0224	0.2953	-0.1302	8.81E-4	-4.04E-6	-5.33E-5

	CC16	-0.0527	0.3104	-0.1434	9.11E-4	9.38E-5	-2.97E-6
	CC17	-0.0494	0.3063	-0.1422	8.96E-4	8.46E-5	1.21E-5
	CC18	0.0508	-0.3155	-0.0396	-9.27E-4	-9.18E-5	-2.67E-5
	CC19	0.0541	-0.3197	-0.0385	-9.42E-4	-1.01E-4	-1.16E-5
	CC20	-0.0210	-0.3046	-0.0517	-9.12E-4	-3.15E-6	3.88E-5
	CC21	-0.0177	-0.3087	-0.0506	-9.28E-4	-1.23E-5	5.39E-5
400	CC1	0.0002	-0.0041	-0.0938	-7.03E-6	5.88E-6	-5.99E-6
	CC2	0.0002	-0.0041	-0.0938	-7.03E-6	5.88E-6	-5.99E-6
	CC3	0.0002	-0.0041	-0.0938	-7.03E-6	5.88E-6	-5.99E-6
	CC4	0.0003	-0.0038	-0.0911	-6.21E-6	5.53E-6	-5.85E-6
	CC5	0.0003	-0.0038	-0.0911	-6.21E-6	5.53E-6	-5.85E-6
	CC6	0.0924	0.0817	-0.0855	2.52E-4	-9.62E-5	-9.65E-5
	CC7	0.0933	0.0807	-0.0852	2.47E-4	-9.99E-5	-9.27E-5
	CC8	0.0985	-0.0540	-0.0597	-3.08E-4	-1.52E-4	-9.08E-5
	CC9	0.0994	-0.0549	-0.0593	-3.13E-4	-1.55E-4	-8.69E-5
	CC10	-0.0988	0.0475	-0.1210	3.01E-4	1.66E-4	7.54E-5
	CC11	-0.0980	0.0466	-0.1207	2.96E-4	1.63E-4	7.92E-5
	CC12	-0.0927	-0.0881	-0.0952	-2.59E-4	1.11E-4	8.11E-5
	CC13	-0.0918	-0.0891	-0.0948	-2.64E-4	1.07E-4	8.49E-5
	CC14	0.0174	0.2289	-0.1285	9.28E-4	6.42E-5	-4.70E-5
	CC15	0.0200	0.2262	-0.1275	9.12E-4	5.32E-5	-3.52E-5
	CC16	-0.0400	0.2187	-0.1392	9.42E-4	1.43E-4	4.59E-6
	CC17	-0.0373	0.2159	-0.1381	9.27E-4	1.32E-4	1.64E-5
	CC18	0.0379	-0.2233	-0.0422	-9.39E-4	-1.21E-4	-2.80E-5
	CC19	0.0405	-0.2261	-0.0412	-9.54E-4	-1.32E-4	-1.62E-5
	CC20	-0.0195	-0.2336	-0.0529	-9.24E-4	-4.24E-5	2.36E-5
	CC21	-0.0168	-0.2363	-0.0519	-9.40E-4	-5.33E-5	3.54E-5
401	CC1	0.0014	-0.0029	-0.0980	-3.32E-5	-6.19E-6	-2.44E-6
	CC2	0.0014	-0.0029	-0.0980	-3.32E-5	-6.19E-6	-2.44E-6
	CC3	0.0014	-0.0029	-0.0980	-3.32E-5	-6.19E-6	-2.44E-6
	CC4	0.0014	-0.0025	-0.0953	-3.10E-5	-6.32E-6	-2.32E-6
	CC5	0.0014	-0.0025	-0.0953	-3.10E-5	-6.32E-6	-2.32E-6
	CC6	0.1396	0.1538	-0.1449	1.73E-4	-2.64E-4	-1.57E-4
	CC7	0.1410	0.1497	-0.1449	1.64E-4	-2.67E-4	-1.51E-4
	CC8	0.1542	-0.0936	-0.1182	-4.01E-4	-3.09E-4	-1.22E-4
	CC9	0.1556	-0.0977	-0.1182	-4.10E-4	-3.12E-4	-1.16E-4
	CC10	-0.1528	0.0929	-0.0705	3.50E-4	2.99E-4	1.12E-4
	CC11	-0.1513	0.0888	-0.0705	3.40E-4	2.96E-4	1.18E-4
	CC12	-0.1382	-0.1544	-0.0438	-2.24E-4	2.54E-4	1.46E-4
	CC13	-0.1367	-0.1585	-0.0438	-2.34E-4	2.51E-4	1.52E-4
	CC14	0.0188	0.4253	-0.1500	9.15E-4	-1.15E-5	-1.09E-4
	CC15	0.0232	0.4128	-0.1500	8.86E-4	-2.03E-5	-9.03E-5
	CC16	-0.0689	0.4070	-0.1277	9.68E-4	1.57E-4	-2.89E-5
	CC17	-0.0645	0.3945	-0.1277	9.38E-4	1.49E-4	-9.72E-6
	CC18	0.0674	-0.3992	-0.0610	-9.99E-4	-1.61E-4	5.16E-6
	CC19	0.0718	-0.4117	-0.0610	-1.03E-3	-1.70E-4	2.43E-5
	CC20	-0.0203	-0.4175	-0.0387	-9.46E-4	7.60E-6	8.57E-5
	CC21	-0.0159	-0.4300	-0.0387	-9.76E-4	-1.18E-6	1.05E-4
402	CC1	0.0010	-0.0010	-0.0966	-1.09E-5	-2.81E-6	-3.19E-6
	CC2	0.0010	-0.0010	-0.0966	-1.09E-5	-2.81E-6	-3.19E-6
	CC3	0.0010	-0.0010	-0.0966	-1.09E-5	-2.81E-6	-3.19E-6
	CC4	0.0010	-0.0008	-0.0940	-9.80E-6	-2.99E-6	-3.04E-6
	CC5	0.0010	-0.0008	-0.0940	-9.80E-6	-2.99E-6	-3.04E-6
	CC6	0.1164	0.1191	-0.1407	2.16E-4	-2.66E-4	-1.23E-4
	CC7	0.1175	0.1159	-0.1407	2.05E-4	-2.69E-4	-1.18E-4
	CC8	0.1268	-0.0729	-0.1145	-4.46E-4	-3.12E-4	-1.05E-4
	CC9	0.1280	-0.0761	-0.1144	-4.58E-4	-3.15E-4	-1.00E-4
	CC10	-0.1259	0.0747	-0.0717	4.39E-4	3.09E-4	9.45E-5
	CC11	-0.1248	0.0716	-0.0717	4.27E-4	3.06E-4	9.95E-5
	CC12	-0.1155	-0.1173	-0.0454	-2.24E-4	2.62E-4	1.12E-4
	CC13	-0.1143	-0.1204	-0.0454	-2.35E-4	2.60E-4	1.17E-4
	CC14	0.0181	0.3308	-0.1472	1.08E-3	-7.23E-6	-7.31E-5
	CC15	0.0217	0.3212	-0.1471	1.04E-3	-1.61E-5	-5.79E-5
	CC16	-0.0546	0.3175	-0.1265	1.15E-3	1.65E-4	-7.73E-6
	CC17	-0.0510	0.3079	-0.1264	1.11E-3	1.56E-4	7.45E-6
	CC18	0.0531	-0.3092	-0.0597	-1.13E-3	-1.62E-4	-1.34E-5
	CC19	0.0567	-0.3188	-0.0596	-1.16E-3	-1.71E-4	1.75E-6
	CC20	-0.0196	-0.3225	-0.0390	-1.06E-3	1.00E-5	5.19E-5
	CC21	-0.0160	-0.3321	-0.0389	-1.10E-3	1.12E-6	6.71E-5
403	CC1	0.0008	-0.0007	-0.0953	2.16E-6	-2.19E-6	-1.35E-6
	CC2	0.0008	-0.0007	-0.0953	2.16E-6	-2.19E-6	-1.35E-6
	CC3	0.0008	-0.0007	-0.0953	2.16E-6	-2.19E-6	-1.35E-6

	CC4	0.0008	-0.0005	-0.0926	2.67E-6	-2.35E-6	-1.27E-6
	CC5	0.0008	-0.0005	-0.0926	2.67E-6	-2.35E-6	-1.27E-6
	CC6	0.0932	0.0855	-0.1353	3.71E-4	-2.59E-4	-8.72E-5
	CC7	0.0941	0.0833	-0.1352	3.61E-4	-2.62E-4	-8.35E-5
	CC8	0.0999	-0.0512	-0.1093	-1.92E-4	-2.97E-4	-8.62E-5
	CC9	0.1009	-0.0534	-0.1092	-2.01E-4	-3.00E-4	-8.25E-5
	CC10	-0.0992	0.0525	-0.0743	2.07E-4	2.95E-4	8.00E-5
	CC11	-0.0983	0.0503	-0.0742	1.98E-4	2.92E-4	8.37E-5
	CC12	-0.0925	-0.0842	-0.0482	-3.56E-4	2.57E-4	8.10E-5
	CC13	-0.0916	-0.0864	-0.0482	-3.65E-4	2.55E-4	8.47E-5
	CC14	0.0171	0.2357	-0.1444	9.80E-4	-1.86E-5	-3.36E-5
	CC15	0.0199	0.2290	-0.1442	9.51E-4	-2.69E-5	-2.23E-5
	CC16	-0.0407	0.2258	-0.1261	9.30E-4	1.48E-4	1.66E-5
	CC17	-0.0378	0.2191	-0.1259	9.02E-4	1.39E-4	2.79E-5
	CC18	0.0395	-0.2200	-0.0576	-8.96E-4	-1.44E-4	-3.04E-5
	CC19	0.0423	-0.2267	-0.0573	-9.25E-4	-1.53E-4	-1.91E-5
	CC20	-0.0183	-0.2299	-0.0393	-9.45E-4	2.21E-5	1.98E-5
	CC21	-0.0154	-0.2366	-0.0390	-9.74E-4	1.38E-5	3.11E-5
404	CC1	0.0023	-0.0074	-0.1163	-4.01E-5	-5.33E-6	-4.94E-6
	CC2	0.0023	-0.0074	-0.1163	-4.01E-5	-5.33E-6	-4.94E-6
	CC3	0.0023	-0.0074	-0.1163	-4.01E-5	-5.33E-6	-4.94E-6
	CC4	0.0024	-0.0067	-0.1135	-3.66E-5	-5.57E-6	-4.68E-6
	CC5	0.0024	-0.0067	-0.1135	-3.66E-5	-5.57E-6	-4.68E-6
	CC6	0.1621	0.2911	-0.1683	2.61E-4	-2.17E-4	-1.77E-4
	CC7	0.1638	0.2815	-0.1678	2.53E-4	-2.19E-4	-1.70E-4
	CC8	0.1801	-0.0136	-0.1409	-6.03E-5	-2.35E-4	-1.48E-4
	CC9	0.1818	-0.0233	-0.1405	-6.88E-5	-2.38E-4	-1.41E-4
	CC10	-0.1769	0.0103	-0.0847	-1.97E-6	2.26E-4	1.32E-4
	CC11	-0.1752	0.0006	-0.0842	-1.05E-5	2.24E-4	1.39E-4
	CC12	-0.1589	-0.2945	-0.0573	-3.24E-4	2.08E-4	1.60E-4
	CC13	-0.1572	-0.3041	-0.0568	-3.32E-4	2.06E-4	1.68E-4
	CC14	0.0207	0.5582	-0.1714	5.53E-4	-3.86E-5	-1.09E-4
	CC15	0.0259	0.5289	-0.1701	5.27E-4	-4.50E-5	-8.75E-5
	CC16	-0.0810	0.4739	-0.1464	4.74E-4	9.44E-5	-1.67E-5
	CC17	-0.0758	0.4446	-0.1450	4.48E-4	8.80E-5	5.16E-6
	CC18	0.0808	-0.4576	-0.0801	-5.19E-4	-9.93E-5	-1.43E-5
	CC19	0.0859	-0.4869	-0.0788	-5.45E-4	-1.06E-4	7.57E-6
	CC20	-0.0210	-0.5419	-0.0550	-5.98E-4	3.37E-5	7.83E-5
	CC21	-0.0158	-0.5712	-0.0537	-6.24E-4	2.73E-5	1.00E-4
405	CC1	0.0023	-0.0078	-0.1159	-4.36E-5	-3.94E-6	-5.17E-6
	CC2	0.0023	-0.0078	-0.1159	-4.36E-5	-3.94E-6	-5.17E-6
	CC3	0.0023	-0.0078	-0.1159	-4.36E-5	-3.94E-6	-5.17E-6
	CC4	0.0023	-0.0072	-0.1131	-4.00E-5	-4.21E-6	-4.95E-6
	CC5	0.0023	-0.0072	-0.1131	-4.00E-5	-4.21E-6	-4.95E-6
	CC6	0.1621	0.2753	-0.1500	2.90E-4	-2.15E-4	-1.77E-4
	CC7	0.1637	0.2663	-0.1494	2.81E-4	-2.17E-4	-1.70E-4
	CC8	0.1801	-0.0269	-0.1208	-7.00E-5	-2.39E-4	-1.49E-4
	CC9	0.1817	-0.0359	-0.1201	-7.95E-5	-2.41E-4	-1.41E-4
	CC10	-0.1770	0.0220	-0.1041	2.02E-6	2.32E-4	1.32E-4
	CC11	-0.1753	0.0130	-0.1034	-7.47E-6	2.30E-4	1.39E-4
	CC12	-0.1590	-0.2802	-0.0749	-3.58E-4	2.08E-4	1.60E-4
	CC13	-0.1573	-0.2892	-0.0742	-3.68E-4	2.06E-4	1.67E-4
	CC14	0.0207	0.5484	-0.1687	6.19E-4	-2.78E-5	-1.10E-4
	CC15	0.0258	0.5210	-0.1667	5.90E-4	-3.49E-5	-8.78E-5
	CC16	-0.0811	0.4724	-0.1550	5.33E-4	1.06E-4	-1.70E-5
	CC17	-0.0759	0.4450	-0.1530	5.04E-4	9.92E-5	4.87E-6
	CC18	0.0807	-0.4589	-0.0713	-5.81E-4	-1.08E-4	-1.46E-5
	CC19	0.0858	-0.4863	-0.0693	-6.10E-4	-1.15E-4	7.28E-6
	CC20	-0.0211	-0.5349	-0.0575	-6.68E-4	2.63E-5	7.80E-5
	CC21	-0.0159	-0.5623	-0.0555	-6.97E-4	1.92E-5	9.99E-5
406	CC1	0.0022	-0.0082	-0.1156	-5.27E-5	-2.69E-6	-3.47E-6
	CC2	0.0022	-0.0082	-0.1156	-5.27E-5	-2.69E-6	-3.47E-6
	CC3	0.0022	-0.0082	-0.1156	-5.27E-5	-2.69E-6	-3.47E-6
	CC4	0.0023	-0.0075	-0.1127	-4.86E-5	-3.03E-6	-3.35E-6
	CC5	0.0023	-0.0075	-0.1127	-4.86E-5	-3.03E-6	-3.35E-6
	CC6	0.1620	0.2595	-0.1426	2.57E-4	-2.07E-4	-1.76E-4
	CC7	0.1637	0.2512	-0.1417	2.48E-4	-2.10E-4	-1.68E-4
	CC8	0.1800	-0.0401	-0.1110	-7.63E-5	-2.36E-4	-1.47E-4
	CC9	0.1817	-0.0485	-0.1101	-8.49E-5	-2.39E-4	-1.40E-4
	CC10	-0.1771	0.0338	-0.1134	-9.63E-6	2.32E-4	1.33E-4
	CC11	-0.1754	0.0255	-0.1126	-1.82E-5	2.30E-4	1.40E-4
	CC12	-0.1591	-0.2658	-0.0818	-3.43E-4	2.04E-4	1.62E-4

	CC13	-0.1574	-0.2742	-0.0810	-3.51E-4	2.01E-4	1.69E-4
	CC14	0.0206	0.5386	-0.1701	5.61E-4	-1.73E-5	-1.08E-4
	CC15	0.0257	0.5132	-0.1675	5.34E-4	-2.46E-5	-8.62E-5
	CC16	-0.0811	0.4709	-0.1614	4.81E-4	1.15E-4	-1.55E-5
	CC17	-0.0760	0.4455	-0.1587	4.55E-4	1.07E-4	6.44E-6
	CC18	0.0806	-0.4601	-0.0648	-5.49E-4	-1.14E-4	-1.31E-5
	CC19	0.0857	-0.4855	-0.0622	-5.75E-4	-1.21E-4	8.85E-6
	CC20	-0.0211	-0.5278	-0.0561	-6.29E-4	1.83E-5	7.96E-5
	CC21	-0.0160	-0.5533	-0.0534	-6.55E-4	1.10E-5	1.02E-4
407	CC1	0.0020	-0.0046	-0.1155	-1.59E-5	-4.31E-6	-3.11E-6
	CC2	0.0020	-0.0046	-0.1155	-1.59E-5	-4.31E-6	-3.11E-6
	CC3	0.0020	-0.0046	-0.1155	-1.59E-5	-4.31E-6	-3.11E-6
	CC4	0.0020	-0.0042	-0.1127	-1.42E-5	-4.55E-6	-2.85E-6
	CC5	0.0020	-0.0042	-0.1127	-1.42E-5	-4.55E-6	-2.85E-6
	CC6	0.1406	0.2719	-0.1843	6.01E-4	-2.71E-4	-1.72E-4
	CC7	0.1421	0.2628	-0.1840	5.81E-4	-2.74E-4	-1.65E-4
	CC8	0.1557	0.0025	-0.1593	-2.10E-5	-3.15E-4	-1.28E-4
	CC9	0.1572	-0.0066	-0.1591	-4.09E-5	-3.18E-4	-1.21E-4
	CC10	-0.1531	-0.0014	-0.0645	1.35E-5	3.09E-4	1.16E-4
	CC11	-0.1516	-0.0105	-0.0642	-6.36E-6	3.06E-4	1.23E-4
	CC12	-0.1380	-0.2708	-0.0396	-6.09E-4	2.65E-4	1.59E-4
	CC13	-0.1366	-0.2799	-0.0393	-6.29E-4	2.62E-4	1.66E-4
	CC14	0.0187	0.4998	-0.1718	1.14E-3	-1.44E-5	-1.29E-4
	CC15	0.0232	0.4721	-0.1709	1.08E-3	-2.35E-5	-1.08E-4
	CC16	-0.0694	0.4178	-0.1358	9.65E-4	1.60E-4	-4.27E-5
	CC17	-0.0650	0.3901	-0.1350	9.05E-4	1.51E-4	-2.18E-5
	CC18	0.0690	-0.3982	-0.0886	-9.32E-4	-1.60E-4	1.62E-5
	CC19	0.0735	-0.4259	-0.0877	-9.93E-4	-1.69E-4	3.72E-5
	CC20	-0.0191	-0.4802	-0.0526	-1.11E-3	1.42E-5	1.03E-4
	CC21	-0.0147	-0.5079	-0.0518	-1.17E-3	5.11E-6	1.24E-4
408	CC1	0.0016	-0.0037	-0.1139	-5.17E-6	-4.28E-6	-1.97E-6
	CC2	0.0016	-0.0037	-0.1139	-5.17E-6	-4.28E-6	-1.97E-6
	CC3	0.0016	-0.0037	-0.1139	-5.17E-6	-4.28E-6	-1.97E-6
	CC4	0.0016	-0.0034	-0.1112	-4.43E-6	-4.47E-6	-1.79E-6
	CC5	0.0016	-0.0034	-0.1112	-4.43E-6	-4.47E-6	-1.79E-6
	CC6	0.1165	0.2103	-0.1800	7.54E-4	-2.75E-4	-1.34E-4
	CC7	0.1177	0.2032	-0.1797	7.30E-4	-2.78E-4	-1.29E-4
	CC8	0.1275	0.0031	-0.1558	-3.20E-7	-3.22E-4	-1.05E-4
	CC9	0.1287	-0.0040	-0.1555	-2.47E-5	-3.25E-4	-1.00E-4
	CC10	-0.1254	-0.0026	-0.0652	1.63E-5	3.16E-4	9.66E-5
	CC11	-0.1242	-0.0098	-0.0649	-8.04E-6	3.13E-4	1.02E-4
	CC12	-0.1144	-0.2098	-0.0409	-7.38E-4	2.69E-4	1.25E-4
	CC13	-0.1132	-0.2169	-0.0406	-7.63E-4	2.66E-4	1.31E-4
	CC14	0.0178	0.3847	-0.1684	1.40E-3	-1.06E-5	-9.21E-5
	CC15	0.0214	0.3631	-0.1676	1.33E-3	-1.99E-5	-7.56E-5
	CC16	-0.0548	0.3208	-0.1340	1.18E-3	1.67E-4	-2.30E-5
	CC17	-0.0512	0.2992	-0.1331	1.11E-3	1.57E-4	-6.39E-6
	CC18	0.0545	-0.3059	-0.0875	-1.11E-3	-1.67E-4	2.92E-6
	CC19	0.0581	-0.3275	-0.0866	-1.19E-3	-1.76E-4	1.95E-5
	CC20	-0.0181	-0.3698	-0.0530	-1.34E-3	1.08E-5	7.21E-5
	CC21	-0.0144	-0.3913	-0.0522	-1.41E-3	1.50E-6	8.87E-5
409	CC1	0.0012	-0.0032	-0.1123	-9.34E-6	-4.25E-6	-7.29E-7
	CC2	0.0012	-0.0032	-0.1123	-9.34E-6	-4.25E-6	-7.29E-7
	CC3	0.0012	-0.0032	-0.1123	-9.34E-6	-4.25E-6	-7.29E-7
	CC4	0.0013	-0.0030	-0.1096	-8.37E-6	-4.42E-6	-6.51E-7
	CC5	0.0013	-0.0030	-0.1096	-8.37E-6	-4.42E-6	-6.51E-7
	CC6	0.0929	0.1478	-0.1747	6.22E-4	-2.62E-4	-9.08E-5
	CC7	0.0939	0.1427	-0.1744	6.02E-4	-2.64E-4	-8.69E-5
	CC8	0.1000	0.0033	-0.1507	-4.52E-6	-3.03E-4	-8.20E-5
	CC9	0.1010	-0.0018	-0.1504	-2.45E-5	-3.06E-4	-7.82E-5
	CC10	-0.0984	-0.0040	-0.0671	8.40E-6	2.97E-4	7.69E-5
	CC11	-0.0975	-0.0091	-0.0668	-1.16E-5	2.94E-4	8.08E-5
	CC12	-0.0913	-0.1484	-0.0431	-6.19E-4	2.56E-4	8.57E-5
	CC13	-0.0904	-0.1535	-0.0428	-6.39E-4	2.53E-4	8.95E-5
	CC14	0.0167	0.2684	-0.1653	1.16E-3	-1.50E-5	-4.62E-5
	CC15	0.0196	0.2529	-0.1644	1.10E-3	-2.35E-5	-3.46E-5
	CC16	-0.0407	0.2228	-0.1331	9.75E-4	1.53E-4	4.09E-6
	CC17	-0.0378	0.2074	-0.1321	9.14E-4	1.44E-4	1.58E-5
	CC18	0.0404	-0.2132	-0.0854	-9.31E-4	-1.53E-4	-1.70E-5
	CC19	0.0432	-0.2286	-0.0844	-9.91E-4	-1.61E-4	-5.34E-6
	CC20	-0.0170	-0.2587	-0.0531	-1.11E-3	1.46E-5	3.33E-5
	CC21	-0.0142	-0.2741	-0.0521	-1.18E-3	6.07E-6	4.50E-5

410	CC1	0.0016	-0.0045	-0.1140	-2.18E-5	-5.53E-6	2.76E-6
	CC2	0.0016	-0.0045	-0.1140	-2.18E-5	-5.53E-6	2.76E-6
	CC3	0.0016	-0.0045	-0.1140	-2.18E-5	-5.53E-6	2.76E-6
	CC4	0.0016	-0.0041	-0.1111	-2.00E-5	-5.69E-6	2.63E-6
	CC5	0.0016	-0.0041	-0.1111	-2.00E-5	-5.69E-6	2.63E-6
	CC6	0.1406	0.2155	-0.1049	4.79E-4	-2.84E-4	-1.33E-4
	CC7	0.1421	0.2088	-0.1038	4.64E-4	-2.87E-4	-1.27E-4
	CC8	0.1555	-0.0442	-0.0714	-1.16E-4	-3.27E-4	-1.25E-4
	CC9	0.1570	-0.0510	-0.0704	-1.31E-4	-3.30E-4	-1.19E-4
	CC10	-0.1537	0.0430	-0.1499	9.18E-5	3.19E-4	1.24E-4
	CC11	-0.1522	0.0362	-0.1489	7.68E-5	3.16E-4	1.30E-4
	CC12	-0.1387	-0.2168	-0.1165	-5.03E-4	2.76E-4	1.32E-4
	CC13	-0.1373	-0.2235	-0.1155	-5.18E-4	2.73E-4	1.38E-4
	CC14	0.0187	0.4651	-0.1607	1.05E-3	-1.96E-5	-5.78E-5
	CC15	0.0232	0.4445	-0.1575	1.01E-3	-2.90E-5	-4.01E-5
	CC16	-0.0696	0.4133	-0.1742	9.36E-4	1.61E-4	1.92E-5
	CC17	-0.0651	0.3928	-0.1711	8.91E-4	1.52E-4	3.69E-5
	CC18	0.0684	-0.4008	-0.0493	-9.30E-4	-1.63E-4	-3.17E-5
	CC19	0.0729	-0.4213	-0.0461	-9.75E-4	-1.73E-4	-1.40E-5
	CC20	-0.0198	-0.4525	-0.0628	-1.05E-3	1.75E-5	4.53E-5
	CC21	-0.0154	-0.4731	-0.0596	-1.09E-3	8.16E-6	6.30E-5
411	CC1	0.0011	-0.0037	-0.1126	-2.05E-6	-4.27E-6	1.57E-6
	CC2	0.0011	-0.0037	-0.1126	-2.05E-6	-4.27E-6	1.57E-6
	CC3	0.0011	-0.0037	-0.1126	-2.05E-6	-4.27E-6	1.57E-6
	CC4	0.0012	-0.0033	-0.1098	-1.64E-6	-4.42E-6	1.56E-6
	CC5	0.0012	-0.0033	-0.1098	-1.64E-6	-4.42E-6	1.56E-6
	CC6	0.1152	0.1674	-0.1044	5.95E-4	-2.89E-4	-1.14E-4
	CC7	0.1164	0.1621	-0.1034	5.77E-4	-2.92E-4	-1.10E-4
	CC8	0.1261	-0.0336	-0.0718	-1.15E-4	-3.36E-4	-1.02E-4
	CC9	0.1273	-0.0389	-0.0708	-1.33E-4	-3.39E-4	-9.75E-5
	CC10	-0.1249	0.0325	-0.1468	1.30E-4	3.30E-4	1.01E-4
	CC11	-0.1237	0.0272	-0.1458	1.12E-4	3.27E-4	1.06E-4
	CC12	-0.1139	-0.1685	-0.1143	-5.80E-4	2.84E-4	1.13E-4
	CC13	-0.1128	-0.1738	-0.1133	-5.98E-4	2.80E-4	1.18E-4
	CC14	0.0172	0.3601	-0.1583	1.28E-3	-1.53E-5	-5.83E-5
	CC15	0.0208	0.3440	-0.1552	1.23E-3	-2.49E-5	-4.34E-5
	CC16	-0.0548	0.3196	-0.1710	1.14E-3	1.70E-4	6.19E-6
	CC17	-0.0512	0.3036	-0.1680	1.09E-3	1.61E-4	2.11E-5
	CC18	0.0536	-0.3100	-0.0497	-1.09E-3	-1.70E-4	-1.80E-5
	CC19	0.0572	-0.3260	-0.0467	-1.14E-3	-1.79E-4	-3.08E-6
	CC20	-0.0184	-0.3505	-0.0625	-1.23E-3	1.60E-5	4.65E-5
	CC21	-0.0148	-0.3665	-0.0594	-1.28E-3	6.37E-6	6.14E-5
412	CC1	0.0008	-0.0035	-0.1111	-5.32E-6	-3.76E-6	-2.18E-7
	CC2	0.0008	-0.0035	-0.1111	-5.32E-6	-3.76E-6	-2.18E-7
	CC3	0.0008	-0.0035	-0.1111	-5.32E-6	-3.76E-6	-2.18E-7
	CC4	0.0008	-0.0032	-0.1084	-4.53E-6	-3.91E-6	-9.06E-8
	CC5	0.0008	-0.0032	-0.1084	-4.53E-6	-3.91E-6	-9.06E-8
	CC6	0.0907	0.1181	-0.1046	5.01E-4	-2.63E-4	-9.85E-5
	CC7	0.0916	0.1143	-0.1036	4.86E-4	-2.66E-4	-9.44E-5
	CC8	0.0977	-0.0237	-0.0733	-9.85E-5	-3.06E-4	-8.03E-5
	CC9	0.0986	-0.0275	-0.0723	-1.13E-4	-3.09E-4	-7.62E-5
	CC10	-0.0969	0.0213	-0.1426	1.05E-4	3.01E-4	7.61E-5
	CC11	-0.0960	0.0175	-0.1416	9.00E-5	2.98E-4	8.02E-5
	CC12	-0.0899	-0.1205	-0.1112	-4.95E-4	2.58E-4	9.43E-5
	CC13	-0.0890	-0.1243	-0.1103	-5.10E-4	2.55E-4	9.84E-5
	CC14	0.0160	0.2535	-0.1554	1.08E-3	-1.32E-5	-6.28E-5
	CC15	0.0188	0.2419	-0.1525	1.03E-3	-2.18E-5	-5.04E-5
	CC16	-0.0402	0.2245	-0.1668	9.59E-4	1.56E-4	-1.04E-5
	CC17	-0.0375	0.2129	-0.1639	9.13E-4	1.48E-4	1.97E-6
	CC18	0.0392	-0.2191	-0.0510	-9.22E-4	-1.55E-4	-2.06E-6
	CC19	0.0420	-0.2306	-0.0481	-9.67E-4	-1.64E-4	1.03E-5
	CC20	-0.0171	-0.2481	-0.0624	-1.04E-3	1.39E-5	5.03E-5
	CC21	-0.0143	-0.2597	-0.0595	-1.09E-3	5.23E-6	6.27E-5
413	CC1	0.0024	-0.0046	-0.1150	-9.10E-6	4.13E-6	8.13E-7
	CC2	0.0024	-0.0046	-0.1150	-9.10E-6	4.13E-6	8.13E-7
	CC3	0.0024	-0.0046	-0.1150	-9.10E-6	4.13E-6	8.13E-7
	CC4	0.0024	-0.0042	-0.1122	-8.00E-6	3.70E-6	8.18E-7
	CC5	0.0024	-0.0042	-0.1122	-8.00E-6	3.70E-6	8.18E-7
	CC6	0.1762	0.3242	-0.1309	7.47E-4	-3.33E-4	-1.48E-4
	CC7	0.1737	0.3127	-0.1335	7.21E-4	-3.28E-4	-1.42E-4
	CC8	0.1744	0.0546	-0.1890	9.53E-5	-3.42E-4	-1.23E-4
	CC9	0.1719	0.0432	-0.1916	6.99E-5	-3.37E-4	-1.17E-4

	CC10	-0.1672	-0.0512	-0.0311	-8.52E-5	3.44E-4	1.18E-4
	CC11	-0.1696	-0.0627	-0.0336	-1.11E-4	3.49E-4	1.25E-4
	CC12	-0.1689	-0.3208	-0.0892	-7.37E-4	3.35E-4	1.43E-4
	CC13	-0.1714	-0.3322	-0.0917	-7.62E-4	3.40E-4	1.49E-4
	CC14	0.0606	0.5189	-0.0255	1.24E-3	-9.04E-5	-9.00E-5
	CC15	0.0531	0.4842	-0.0333	1.16E-3	-7.56E-5	-7.11E-5
	CC16	-0.0424	0.4063	0.0044	9.92E-4	1.13E-4	-1.01E-5
	CC17	-0.0499	0.3716	-0.0034	9.15E-4	1.28E-4	8.72E-6
	CC18	0.0547	-0.3797	-0.2193	-9.30E-4	-1.20E-4	-7.08E-6
	CC19	0.0472	-0.4144	-0.2271	-1.01E-3	-1.06E-4	1.17E-5
	CC20	-0.0483	-0.4923	-0.1893	-1.18E-3	8.27E-5	7.28E-5
	CC21	-0.0558	-0.5270	-0.1971	-1.26E-3	9.76E-5	9.16E-5
414	CC1	0.0023	-0.0040	-0.1136	-6.13E-6	-3.57E-6	9.27E-7
	CC2	0.0023	-0.0040	-0.1136	-6.13E-6	-3.57E-6	9.27E-7
	CC3	0.0023	-0.0040	-0.1136	-6.13E-6	-3.57E-6	9.27E-7
	CC4	0.0023	-0.0036	-0.1108	-5.18E-6	-3.45E-6	8.97E-7
	CC5	0.0023	-0.0036	-0.1108	-5.18E-6	-3.45E-6	8.97E-7
	CC6	0.1457	0.2556	-0.1290	7.87E-4	-3.56E-4	-1.24E-4
	CC7	0.1437	0.2465	-0.1315	7.61E-4	-3.50E-4	-1.19E-4
	CC8	0.1439	0.0458	-0.1848	9.97E-5	-3.52E-4	-1.02E-4
	CC9	0.1419	0.0367	-0.1873	7.30E-5	-3.46E-4	-9.72E-5
	CC10	-0.1372	-0.0438	-0.0326	-8.27E-5	3.39E-4	9.90E-5
	CC11	-0.1392	-0.0529	-0.0351	-1.09E-4	3.45E-4	1.04E-4
	CC12	-0.1391	-0.2535	-0.0884	-7.70E-4	3.43E-4	1.21E-4
	CC13	-0.1411	-0.2626	-0.0909	-7.97E-4	3.49E-4	1.26E-4
	CC14	0.0509	0.4048	-0.0276	1.31E-3	-1.23E-4	-7.73E-5
	CC15	0.0448	0.3771	-0.0351	1.23E-3	-1.06E-4	-6.15E-5
	CC16	-0.0340	0.3150	0.0013	1.05E-3	8.56E-5	-1.02E-5
	CC17	-0.0401	0.2873	-0.0062	9.70E-4	1.02E-4	5.57E-6
	CC18	0.0447	-0.2944	-0.2137	-9.80E-4	-1.09E-4	-3.79E-6
	CC19	0.0387	-0.3220	-0.2212	-1.06E-3	-9.24E-5	1.20E-5
	CC20	-0.0402	-0.3842	-0.1848	-1.24E-3	9.94E-5	6.32E-5
	CC21	-0.0462	-0.4118	-0.1923	-1.32E-3	1.16E-4	7.90E-5
415	CC1	0.0020	-0.0034	-0.1122	-8.68E-6	-1.56E-6	1.18E-6
	CC2	0.0020	-0.0034	-0.1122	-8.68E-6	-1.56E-6	1.18E-6
	CC3	0.0020	-0.0034	-0.1122	-8.68E-6	-1.56E-6	1.18E-6
	CC4	0.0020	-0.0031	-0.1095	-7.74E-6	-1.71E-6	1.12E-6
	CC5	0.0020	-0.0031	-0.1095	-7.74E-6	-1.71E-6	1.12E-6
	CC6	0.1149	0.1896	-0.1269	6.87E-4	-3.38E-4	-9.77E-5
	CC7	0.1134	0.1827	-0.1292	6.63E-4	-3.33E-4	-9.36E-5
	CC8	0.1136	0.0374	-0.1783	9.03E-5	-3.31E-4	-8.11E-5
	CC9	0.1121	0.0305	-0.1806	6.69E-5	-3.26E-4	-7.70E-5
	CC10	-0.1080	-0.0366	-0.0367	-8.17E-5	3.22E-4	7.92E-5
	CC11	-0.1095	-0.0434	-0.0390	-1.05E-4	3.27E-4	8.33E-5
	CC12	-0.1093	-0.1887	-0.0881	-6.78E-4	3.30E-4	9.58E-5
	CC13	-0.1108	-0.1956	-0.0904	-7.02E-4	3.35E-4	9.99E-5
	CC14	0.0399	0.2949	-0.0330	1.14E-3	-1.21E-4	-5.94E-5
	CC15	0.0353	0.2741	-0.0399	1.07E-3	-1.05E-4	-4.69E-5
	CC16	-0.0269	0.2271	-0.0059	9.07E-4	7.70E-5	-6.37E-6
	CC17	-0.0315	0.2063	-0.0129	8.36E-4	9.30E-5	6.13E-6
	CC18	0.0356	-0.2123	-0.2044	-8.51E-4	-9.65E-5	-3.94E-6
	CC19	0.0310	-0.2331	-0.2113	-9.22E-4	-8.05E-5	8.56E-6
	CC20	-0.0313	-0.2801	-0.1773	-1.08E-3	1.02E-4	4.91E-5
	CC21	-0.0359	-0.3010	-0.1843	-1.15E-3	1.18E-4	6.16E-5
416	CC1	0.0028	-0.0050	-0.1119	-1.43E-5	3.49E-6	6.99E-7
	CC2	0.0028	-0.0050	-0.1119	-1.43E-5	3.49E-6	6.99E-7
	CC3	0.0028	-0.0050	-0.1119	-1.43E-5	3.49E-6	6.99E-7
	CC4	0.0028	-0.0045	-0.1094	-1.31E-5	3.05E-6	6.84E-7
	CC5	0.0028	-0.0045	-0.1094	-1.31E-5	3.05E-6	6.84E-7
	CC6	0.1570	0.3247	-0.1693	7.46E-4	-3.02E-4	-1.46E-4
	CC7	0.1564	0.3132	-0.1673	7.21E-4	-3.01E-4	-1.40E-4
	CC8	0.1655	0.0544	-0.1205	9.18E-5	-3.20E-4	-1.22E-4
	CC9	0.1649	0.0429	-0.1185	6.63E-5	-3.19E-4	-1.16E-4
	CC10	-0.1594	-0.0517	-0.0986	-9.17E-5	3.25E-4	1.17E-4
	CC11	-0.1600	-0.0631	-0.0966	-1.17E-4	3.26E-4	1.24E-4
	CC12	-0.1508	-0.3219	-0.0498	-7.46E-4	3.06E-4	1.41E-4
	CC13	-0.1514	-0.3334	-0.0478	-7.72E-4	3.08E-4	1.47E-4
	CC14	0.0370	0.5200	-0.2036	1.24E-3	-6.31E-5	-8.79E-5
	CC15	0.0351	0.4852	-0.1975	1.16E-3	-5.83E-5	-6.93E-5
	CC16	-0.0580	0.4070	-0.1824	9.91E-4	1.25E-4	-8.79E-6
	CC17	-0.0598	0.3723	-0.1763	9.13E-4	1.30E-4	9.81E-6
	CC18	0.0654	-0.3810	-0.0408	-9.39E-4	-1.24E-4	-8.45E-6

	CC19	0.0635	-0.4158	-0.0347	-1.02E-3	-1.19E-4	1.01E-5
	CC20	-0.0295	-0.4939	-0.0196	-1.19E-3	6.41E-5	7.06E-5
	CC21	-0.0314	-0.5287	-0.0135	-1.27E-3	6.89E-5	8.92E-5
417	CC1	0.0028	-0.0036	-0.1106	-1.48E-5	-2.58E-6	2.82E-7
	CC2	0.0028	-0.0036	-0.1106	-1.48E-5	-2.58E-6	2.82E-7
	CC3	0.0028	-0.0036	-0.1106	-1.48E-5	-2.58E-6	2.82E-7
	CC4	0.0028	-0.0033	-0.1082	-1.36E-5	-2.68E-6	2.81E-7
	CC5	0.0028	-0.0033	-0.1082	-1.36E-5	-2.68E-6	2.81E-7
	CC6	0.1301	0.2562	-0.1664	7.87E-4	-3.08E-4	-1.23E-4
	CC7	0.1296	0.2471	-0.1645	7.60E-4	-3.07E-4	-1.18E-4
	CC8	0.1364	0.0462	-0.1189	9.29E-5	-3.40E-4	-1.03E-4
	CC9	0.1359	0.0371	-0.1170	6.60E-5	-3.38E-4	-9.74E-5
	CC10	-0.1304	-0.0435	-0.0978	-9.24E-5	3.33E-4	9.80E-5
	CC11	-0.1309	-0.0526	-0.0958	-1.19E-4	3.34E-4	1.03E-4
	CC12	-0.1241	-0.2534	-0.0503	-7.87E-4	3.02E-4	1.19E-4
	CC13	-0.1246	-0.2626	-0.0483	-8.13E-4	3.03E-4	1.24E-4
	CC14	0.0320	0.4055	-0.1998	1.32E-3	-4.87E-5	-7.49E-5
	CC15	0.0305	0.3779	-0.1939	1.23E-3	-4.50E-5	-5.93E-5
	CC16	-0.0461	0.3156	-0.1792	1.05E-3	1.44E-4	-8.55E-6
	CC17	-0.0476	0.2880	-0.1733	9.71E-4	1.47E-4	7.02E-6
	CC18	0.0531	-0.2944	-0.0415	-9.97E-4	-1.53E-4	-6.46E-6
	CC19	0.0516	-0.3220	-0.0356	-1.08E-3	-1.49E-4	9.12E-6
	CC20	-0.0250	-0.3843	-0.0209	-1.26E-3	3.96E-5	5.99E-5
	CC21	-0.0265	-0.4119	-0.0150	-1.34E-3	4.32E-5	7.55E-5
418	CC1	0.0025	-0.0024	-0.1094	-1.17E-5	-2.95E-6	-3.03E-7
	CC2	0.0025	-0.0024	-0.1094	-1.17E-5	-2.95E-6	-3.03E-7
	CC3	0.0025	-0.0024	-0.1094	-1.17E-5	-2.95E-6	-3.03E-7
	CC4	0.0025	-0.0022	-0.1070	-1.06E-5	-3.08E-6	-2.79E-7
	CC5	0.0025	-0.0022	-0.1070	-1.06E-5	-3.08E-6	-2.79E-7
	CC6	0.1037	0.1901	-0.1620	6.90E-4	-2.89E-4	-9.81E-5
	CC7	0.1033	0.1832	-0.1602	6.66E-4	-2.88E-4	-9.40E-5
	CC8	0.1071	0.0382	-0.1185	8.86E-5	-3.22E-4	-8.25E-5
	CC9	0.1067	0.0314	-0.1167	6.50E-5	-3.21E-4	-7.84E-5
	CC10	-0.1017	-0.0356	-0.0957	-8.55E-5	3.14E-4	7.79E-5
	CC11	-0.1021	-0.0425	-0.0939	-1.09E-4	3.15E-4	8.20E-5
	CC12	-0.0983	-0.1875	-0.0522	-6.87E-4	2.82E-4	9.34E-5
	CC13	-0.0987	-0.1943	-0.0505	-7.11E-4	2.83E-4	9.75E-5
	CC14	0.0282	0.2952	-0.1913	1.14E-3	-4.05E-5	-5.88E-5
	CC15	0.0270	0.2745	-0.1859	1.07E-3	-3.75E-5	-4.64E-5
	CC16	-0.0334	0.2275	-0.1714	9.12E-4	1.40E-4	-5.98E-6
	CC17	-0.0346	0.2067	-0.1660	8.40E-4	1.43E-4	6.42E-6
	CC18	0.0395	-0.2110	-0.0464	-8.61E-4	-1.50E-4	-6.97E-6
	CC19	0.0383	-0.2318	-0.0410	-9.32E-4	-1.47E-4	5.43E-6
	CC20	-0.0221	-0.2787	-0.0265	-1.09E-3	3.13E-5	4.58E-5
	CC21	-0.0233	-0.2995	-0.0211	-1.16E-3	3.43E-5	5.82E-5
419	CC1	0.0012	-0.0059	-0.1151	-1.40E-5	1.07E-5	-2.63E-6
	CC2	0.0012	-0.0059	-0.1151	-1.40E-5	1.07E-5	-2.63E-6
	CC3	0.0012	-0.0059	-0.1151	-1.40E-5	1.07E-5	-2.63E-6
	CC4	0.0013	-0.0054	-0.1124	-1.28E-5	1.01E-5	-2.37E-6
	CC5	0.0013	-0.0054	-0.1124	-1.28E-5	1.01E-5	-2.37E-6
	CC6	0.2030	0.3967	-0.1322	6.89E-4	-2.39E-4	-1.75E-4
	CC7	0.2000	0.3827	-0.1349	6.66E-4	-2.38E-4	-1.67E-4
	CC8	0.2020	0.0747	-0.2015	1.16E-4	-3.26E-4	-1.46E-4
	CC9	0.1991	0.0607	-0.2042	9.23E-5	-3.25E-4	-1.39E-4
	CC10	-0.1963	-0.0711	-0.0188	-1.17E-4	3.45E-4	1.34E-4
	CC11	-0.1993	-0.0851	-0.0214	-1.40E-4	3.45E-4	1.41E-4
	CC12	-0.1973	-0.3931	-0.0881	-6.91E-4	2.58E-4	1.63E-4
	CC13	-0.2002	-0.4072	-0.0908	-7.14E-4	2.58E-4	1.70E-4
	CC14	0.0673	0.6230	-0.0089	1.10E-3	6.68E-5	-1.07E-4
	CC15	0.0585	0.5804	-0.0170	1.03E-3	6.73E-5	-8.52E-5
	CC16	-0.0525	0.4826	0.0252	8.58E-4	2.42E-4	-1.44E-5
	CC17	-0.0613	0.4400	0.0170	7.87E-4	2.42E-4	7.46E-6
	CC18	0.0641	-0.4504	-0.2400	-8.12E-4	-2.23E-4	-1.20E-5
	CC19	0.0553	-0.4930	-0.2481	-8.83E-4	-2.22E-4	9.87E-6
	CC20	-0.0557	-0.5908	-0.2060	-1.05E-3	-4.76E-5	8.06E-5
	CC21	-0.0645	-0.6334	-0.2141	-1.12E-3	-4.71E-5	1.03E-4
420	CC1	0.0022	-0.0048	-0.1136	-9.50E-6	9.41E-6	2.57E-7
	CC2	0.0022	-0.0048	-0.1136	-9.50E-6	9.41E-6	2.57E-7
	CC3	0.0022	-0.0048	-0.1136	-9.50E-6	9.41E-6	2.57E-7
	CC4	0.0023	-0.0044	-0.1109	-8.58E-6	8.60E-6	3.43E-7
	CC5	0.0023	-0.0044	-0.1109	-8.58E-6	8.60E-6	3.43E-7
	CC6	0.1755	0.3442	-0.1333	7.93E-4	-3.63E-4	-1.26E-4

	CC7	0.1730	0.3319	-0.1361	7.66E-4	-3.56E-4	-1.21E-4
	CC8	0.1743	0.0751	-0.2137	1.36E-4	-3.32E-4	-1.18E-4
	CC9	0.1718	0.0627	-0.2164	1.08E-4	-3.25E-4	-1.12E-4
	CC10	-0.1673	-0.0712	-0.0037	-1.25E-4	3.42E-4	1.13E-4
	CC11	-0.1698	-0.0836	-0.0065	-1.53E-4	3.49E-4	1.19E-4
	CC12	-0.1684	-0.3404	-0.0840	-7.82E-4	3.73E-4	1.22E-4
	CC13	-0.1710	-0.3527	-0.0868	-8.10E-4	3.80E-4	1.27E-4
	CC14	0.0595	0.5254	0.0086	1.27E-3	-1.60E-4	-5.77E-5
	CC15	0.0518	0.4880	0.0002	1.18E-3	-1.38E-4	-4.13E-5
	CC16	-0.0434	0.4007	0.0475	9.91E-4	5.18E-5	1.41E-5
	CC17	-0.0510	0.3633	0.0391	9.08E-4	7.34E-5	3.05E-5
	CC18	0.0556	-0.3718	-0.2592	-9.24E-4	-5.67E-5	-2.98E-5
	CC19	0.0479	-0.4092	-0.2676	-1.01E-3	-3.51E-5	-1.34E-5
	CC20	-0.0473	-0.4965	-0.2203	-1.20E-3	1.55E-4	4.20E-5
	CC21	-0.0549	-0.5339	-0.2287	-1.28E-3	1.76E-4	5.84E-5
421	CC1	0.0027	-0.0039	-0.1127	-1.01E-5	1.98E-6	1.01E-6
	CC2	0.0027	-0.0039	-0.1127	-1.01E-5	1.98E-6	1.01E-6
	CC3	0.0027	-0.0039	-0.1127	-1.01E-5	1.98E-6	1.01E-6
	CC4	0.0027	-0.0036	-0.1101	-9.14E-6	1.65E-6	9.91E-7
	CC5	0.0027	-0.0036	-0.1101	-9.14E-6	1.65E-6	9.91E-7
	CC6	0.1465	0.2770	-0.1316	7.34E-4	-2.96E-4	-9.33E-5
	CC7	0.1444	0.2670	-0.1343	7.08E-4	-2.93E-4	-8.92E-5
	CC8	0.1451	0.0634	-0.2083	1.27E-4	-3.31E-4	-9.07E-5
	CC9	0.1431	0.0534	-0.2109	1.02E-4	-3.28E-4	-8.65E-5
	CC10	-0.1378	-0.0603	-0.0076	-1.20E-4	3.31E-4	8.85E-5
	CC11	-0.1398	-0.0703	-0.0102	-1.45E-4	3.34E-4	9.26E-5
	CC12	-0.1391	-0.2739	-0.0842	-7.26E-4	2.96E-4	9.11E-5
	CC13	-0.1412	-0.2839	-0.0869	-7.51E-4	2.99E-4	9.53E-5
	CC14	0.0507	0.4183	0.0039	1.17E-3	-3.90E-5	-3.71E-5
	CC15	0.0444	0.3880	-0.0041	1.09E-3	-2.91E-5	-2.44E-5
	CC16	-0.0346	0.3171	0.0411	9.12E-4	1.49E-4	1.75E-5
	CC17	-0.0409	0.2868	0.0331	8.35E-4	1.59E-4	3.01E-5
	CC18	0.0462	-0.2937	-0.2516	-8.53E-4	-1.56E-4	-2.82E-5
	CC19	0.0399	-0.3241	-0.2596	-9.30E-4	-1.46E-4	-1.55E-5
	CC20	-0.0391	-0.3949	-0.2144	-1.11E-3	3.22E-5	2.64E-5
	CC21	-0.0453	-0.4253	-0.2224	-1.19E-3	4.20E-5	3.90E-5
422	CC1	0.0028	-0.0031	-0.1117	-8.77E-6	6.22E-7	-1.72E-6
	CC2	0.0028	-0.0031	-0.1117	-8.77E-6	6.22E-7	-1.72E-6
	CC3	0.0028	-0.0031	-0.1117	-8.77E-6	6.22E-7	-1.72E-6
	CC4	0.0028	-0.0028	-0.1091	-7.97E-6	1.94E-7	-1.78E-6
	CC5	0.0028	-0.0028	-0.1091	-7.97E-6	1.94E-7	-1.78E-6
	CC6	0.1173	0.2120	-0.1305	7.50E-4	-3.72E-4	-8.30E-5
	CC7	0.1157	0.2043	-0.1330	7.24E-4	-3.65E-4	-7.96E-5
	CC8	0.1160	0.0521	-0.2011	1.28E-4	-3.38E-4	-7.31E-5
	CC9	0.1144	0.0444	-0.2035	1.02E-4	-3.31E-4	-6.96E-5
	CC10	-0.1088	-0.0499	-0.0129	-1.17E-4	3.31E-4	6.60E-5
	CC11	-0.1104	-0.0576	-0.0154	-1.43E-4	3.38E-4	6.95E-5
	CC12	-0.1101	-0.2098	-0.0835	-7.39E-4	3.65E-4	7.60E-5
	CC13	-0.1117	-0.2175	-0.0859	-7.65E-4	3.72E-4	7.94E-5
	CC14	0.0413	0.3148	-0.0045	1.20E-3	-1.73E-4	-4.60E-5
	CC15	0.0364	0.2913	-0.0119	1.12E-3	-1.52E-4	-3.56E-5
	CC16	-0.0266	0.2362	0.0308	9.38E-4	3.73E-5	-1.27E-6
	CC17	-0.0314	0.2127	0.0233	8.59E-4	5.90E-5	9.14E-6
	CC18	0.0370	-0.2182	-0.2398	-8.75E-4	-5.89E-5	-1.27E-5
	CC19	0.0321	-0.2417	-0.2472	-9.53E-4	-3.72E-5	-2.34E-6
	CC20	-0.0308	-0.2968	-0.2045	-1.14E-3	1.52E-4	3.20E-5
	CC21	-0.0357	-0.3203	-0.2119	-1.21E-3	1.74E-4	4.24E-5
423	CC1	0.0019	-0.0057	-0.1119	-1.08E-5	8.76E-6	-4.17E-6
	CC2	0.0019	-0.0057	-0.1119	-1.08E-5	8.76E-6	-4.17E-6
	CC3	0.0019	-0.0057	-0.1119	-1.08E-5	8.76E-6	-4.17E-6
	CC4	0.0020	-0.0052	-0.1095	-9.77E-6	8.09E-6	-3.89E-6
	CC5	0.0020	-0.0052	-0.1095	-9.77E-6	8.09E-6	-3.89E-6
	CC6	0.1823	0.3987	-0.1949	6.60E-4	-3.41E-4	-1.76E-4
	CC7	0.1815	0.3846	-0.1927	6.38E-4	-3.35E-4	-1.69E-4
	CC8	0.1907	0.0764	-0.1468	1.13E-4	-2.60E-4	-1.48E-4
	CC9	0.1898	0.0623	-0.1445	9.08E-5	-2.54E-4	-1.40E-4
	CC10	-0.1857	-0.0723	-0.0727	-1.10E-4	2.70E-4	1.33E-4
	CC11	-0.1866	-0.0864	-0.0705	-1.32E-4	2.76E-4	1.40E-4
	CC12	-0.1774	-0.3946	-0.0246	-6.57E-4	3.51E-4	1.61E-4
	CC13	-0.1782	-0.4087	-0.0224	-6.79E-4	3.57E-4	1.68E-4
	CC14	0.0447	0.6242	-0.2106	1.05E-3	-2.27E-4	-1.09E-4
	CC15	0.0421	0.5814	-0.2039	9.85E-4	-2.10E-4	-8.67E-5

	CC16	-0.0657	0.4829	-0.1740	8.21E-4	-4.40E-5	-1.60E-5
	CC17	-0.0683	0.4401	-0.1673	7.54E-4	-2.67E-5	5.95E-6
	CC18	0.0724	-0.4501	-0.0500	-7.72E-4	4.25E-5	-1.35E-5
	CC19	0.0698	-0.4929	-0.0433	-8.40E-4	5.97E-5	8.36E-6
	CC20	-0.0380	-0.5914	-0.0134	-1.00E-3	2.26E-4	7.91E-5
	CC21	-0.0406	-0.6342	-0.0067	-1.07E-3	2.43E-4	1.01E-4
424	CC1	0.0027	-0.0045	-0.1106	-1.17E-5	8.15E-6	-2.81E-6
	CC2	0.0027	-0.0045	-0.1106	-1.17E-5	8.15E-6	-2.81E-6
	CC3	0.0027	-0.0045	-0.1106	-1.17E-5	8.15E-6	-2.81E-6
	CC4	0.0028	-0.0041	-0.1083	-1.07E-5	7.57E-6	-2.71E-6
	CC5	0.0028	-0.0041	-0.1083	-1.07E-5	7.57E-6	-2.71E-6
	CC6	0.1584	0.3469	-0.2212	8.12E-4	-2.73E-4	-1.01E-4
	CC7	0.1576	0.3344	-0.2187	7.84E-4	-2.73E-4	-9.67E-5
	CC8	0.1648	0.0778	-0.1730	1.39E-4	-3.36E-4	-1.21E-4
	CC9	0.1640	0.0654	-0.1706	1.11E-4	-3.36E-4	-1.16E-4
	CC10	-0.1585	-0.0732	-0.0444	-1.32E-4	3.50E-4	1.11E-4
	CC11	-0.1593	-0.0856	-0.0419	-1.60E-4	3.50E-4	1.15E-4
	CC12	-0.1521	-0.3423	0.0038	-8.05E-4	2.87E-4	9.14E-5
	CC13	-0.1528	-0.3547	0.0062	-8.33E-4	2.87E-4	9.59E-5
	CC14	0.0408	0.5264	-0.2180	1.30E-3	1.88E-5	-8.72E-6
	CC15	0.0384	0.4887	-0.2105	1.21E-3	1.89E-5	5.06E-6
	CC16	-0.0543	0.4004	-0.1649	1.01E-3	2.06E-4	5.49E-5
	CC17	-0.0567	0.3626	-0.1575	9.27E-4	2.06E-4	6.87E-5
	CC18	0.0622	-0.3705	-0.0574	-9.48E-4	-1.91E-4	-7.41E-5
	CC19	0.0598	-0.4082	-0.0500	-1.03E-3	-1.91E-4	-6.03E-5
	CC20	-0.0328	-0.4965	-0.0044	-1.23E-3	-4.14E-6	-1.04E-5
	CC21	-0.0352	-0.5342	0.0030	-1.32E-3	-4.02E-6	3.37E-6
425	CC1	0.0031	-0.0036	-0.1101	-8.89E-6	3.06E-6	-5.60E-6
	CC2	0.0031	-0.0036	-0.1101	-8.89E-6	3.06E-6	-5.60E-6
	CC3	0.0031	-0.0036	-0.1101	-8.89E-6	3.06E-6	-5.60E-6
	CC4	0.0031	-0.0032	-0.1077	-8.01E-6	2.68E-6	-5.54E-6
	CC5	0.0031	-0.0032	-0.1077	-8.01E-6	2.68E-6	-5.54E-6
	CC6	0.1324	0.2796	-0.2177	7.15E-4	-3.06E-4	-1.34E-4
	CC7	0.1317	0.2695	-0.2153	6.91E-4	-3.03E-4	-1.28E-4
	CC8	0.1373	0.0659	-0.1720	1.28E-4	-2.92E-4	-1.06E-4
	CC9	0.1367	0.0558	-0.1697	1.03E-4	-2.89E-4	-1.01E-4
	CC10	-0.1305	-0.0620	-0.0442	-1.18E-4	2.94E-4	8.96E-5
	CC11	-0.1311	-0.0721	-0.0418	-1.43E-4	2.97E-4	9.50E-5
	CC12	-0.1256	-0.2758	0.0015	-7.06E-4	3.09E-4	1.17E-4
	CC13	-0.1262	-0.2858	0.0038	-7.31E-4	3.12E-4	1.23E-4
	CC14	0.0352	0.4197	-0.2126	1.13E-3	-1.17E-4	-9.30E-5
	CC15	0.0333	0.3891	-0.2055	1.06E-3	-1.07E-4	-7.65E-5
	CC16	-0.0436	0.3173	-0.1605	8.85E-4	6.33E-5	-2.60E-5
	CC17	-0.0455	0.2866	-0.1534	8.09E-4	7.26E-5	-9.59E-6
	CC18	0.0517	-0.2928	-0.0604	-8.25E-4	-6.75E-5	-1.44E-6
	CC19	0.0498	-0.3235	-0.0533	-9.00E-4	-5.82E-5	1.50E-5
	CC20	-0.0272	-0.3953	-0.0084	-1.08E-3	1.13E-4	6.55E-5
	CC21	-0.0291	-0.4259	-0.0012	-1.15E-3	1.22E-4	8.20E-5
426	CC1	0.0030	-0.0028	-0.1094	-9.82E-6	-7.76E-6	2.41E-6
	CC2	0.0030	-0.0028	-0.1094	-9.82E-6	-7.76E-6	2.41E-6
	CC3	0.0030	-0.0028	-0.1094	-9.82E-6	-7.76E-6	2.41E-6
	CC4	0.0030	-0.0025	-0.1070	-8.98E-6	-7.87E-6	2.27E-6
	CC5	0.0030	-0.0025	-0.1070	-8.98E-6	-7.87E-6	2.27E-6
	CC6	0.1058	0.2152	-0.2121	7.64E-4	-3.04E-4	-1.59E-4
	CC7	0.1054	0.2073	-0.2099	7.38E-4	-3.04E-4	-1.52E-4
	CC8	0.1091	0.0544	-0.1707	1.36E-4	-3.60E-4	-8.60E-5
	CC9	0.1086	0.0465	-0.1685	1.09E-4	-3.60E-4	-7.98E-5
	CC10	-0.1027	-0.0514	-0.0440	-1.27E-4	3.44E-4	8.42E-5
	CC11	-0.1032	-0.0592	-0.0418	-1.53E-4	3.44E-4	9.05E-5
	CC12	-0.0994	-0.2122	-0.0025	-7.55E-4	2.88E-4	1.57E-4
	CC13	-0.0999	-0.2201	-0.0004	-7.82E-4	2.88E-4	1.63E-4
	CC14	0.0295	0.3175	-0.2038	1.21E-3	-1.22E-5	-1.65E-4
	CC15	0.0280	0.2936	-0.1972	1.13E-3	-1.16E-5	-1.46E-4
	CC16	-0.0331	0.2375	-0.1533	9.46E-4	1.82E-4	-9.20E-5
	CC17	-0.0345	0.2137	-0.1468	8.66E-4	1.83E-4	-7.30E-5
	CC18	0.0405	-0.2185	-0.0657	-8.83E-4	-1.98E-4	7.74E-5
	CC19	0.0390	-0.2424	-0.0592	-9.63E-4	-1.98E-4	9.64E-5
	CC20	-0.0221	-0.2985	-0.0153	-1.15E-3	-4.19E-6	1.50E-4
	CC21	-0.0235	-0.3224	-0.0087	-1.23E-3	-3.60E-6	1.69E-4
427	CC1	0.0017	-0.0105	-0.0933	-2.86E-5	0.00E+0	2.85E-6
	CC2	0.0017	-0.0105	-0.0933	-2.86E-5	0.00E+0	2.85E-6
	CC3	0.0017	-0.0105	-0.0933	-2.86E-5	0.00E+0	2.85E-6

	CC4	0.0017	-0.0098	-0.0906	-2.69E-5	0.00E+0	2.35E-6
	CC5	0.0017	-0.0098	-0.0906	-2.69E-5	0.00E+0	2.35E-6
	CC6	0.1624	0.0566	-0.0655	1.05E-4	5.41E-29	-1.70E-4
	CC7	0.1639	0.0566	-0.0650	1.05E-4	5.41E-29	-1.63E-4
	CC8	0.1798	-0.2099	-0.0010	-3.93E-4	2.02E-29	-1.42E-4
	CC9	0.1814	-0.2099	-0.0005	-3.93E-4	2.02E-29	-1.34E-4
	CC10	-0.1780	0.1907	-0.1789	3.40E-4	-2.02E-29	1.39E-4
	CC11	-0.1765	0.1907	-0.1784	3.41E-4	-2.02E-29	1.46E-4
	CC12	-0.1606	-0.0758	-0.1143	-1.58E-4	-5.41E-29	1.67E-4
	CC13	-0.1590	-0.0758	-0.1138	-1.58E-4	-5.41E-29	1.74E-4
	CC14	0.0213	0.4145	-0.1810	7.68E-4	6.76E-29	-1.03E-4
	CC15	0.0260	0.4145	-0.1795	7.69E-4	6.76E-29	-8.07E-5
	CC16	-0.0808	0.4547	-0.2150	8.39E-4	4.53E-29	-9.97E-6
	CC17	-0.0761	0.4547	-0.2135	8.40E-4	4.53E-29	1.19E-5
	CC18	0.0795	-0.4739	0.0342	-8.92E-4	-4.53E-29	-7.56E-6
	CC19	0.0842	-0.4739	0.0357	-8.91E-4	-4.53E-29	1.43E-5
	CC20	-0.0226	-0.4337	0.0002	-8.22E-4	-6.76E-29	8.51E-5
	CC21	-0.0179	-0.4337	0.0017	-8.21E-4	-6.76E-29	1.07E-4
428	CC1	0.0018	-0.0105	-0.0940	-2.84E-5	0.00E+0	-3.24E-6
	CC2	0.0018	-0.0105	-0.0940	-2.84E-5	0.00E+0	-3.24E-6
	CC3	0.0018	-0.0105	-0.0940	-2.84E-5	0.00E+0	-3.24E-6
	CC4	0.0018	-0.0098	-0.0913	-2.65E-5	0.00E+0	-3.50E-6
	CC5	0.0018	-0.0098	-0.0913	-2.65E-5	0.00E+0	-3.50E-6
	CC6	0.1625	0.0769	-0.0693	1.51E-4	1.65E-29	-1.76E-4
	CC7	0.1640	0.0760	-0.0688	1.49E-4	1.65E-29	-1.69E-4
	CC8	0.1799	-0.1930	-0.0242	-3.56E-4	6.21E-3	-1.47E-4
	CC9	0.1815	-0.1938	-0.0237	-3.57E-4	6.21E-3	-1.40E-4
	CC10	-0.1779	0.1748	-0.1570	3.05E-4	-6.21E-3	1.33E-4
	CC11	-0.1764	0.1739	-0.1565	3.04E-4	-6.21E-3	1.40E-4
	CC12	-0.1604	-0.0951	-0.1119	-2.01E-4	-1.65E-29	1.61E-4
	CC13	-0.1589	-0.0959	-0.1114	-2.03E-4	-1.65E-29	1.69E-4
	CC14	0.0214	0.4268	-0.1531	7.98E-4	2.05E-29	-1.08E-4
	CC15	0.0261	0.4243	-0.1516	7.93E-4	2.05E-29	-8.65E-5
	CC16	-0.0807	0.4562	-0.1794	8.44E-4	1.37E-29	-1.57E-5
	CC17	-0.0760	0.4537	-0.1779	8.39E-4	1.37E-29	6.16E-6
	CC18	0.0796	-0.4727	-0.0028	-8.91E-4	-1.37E-29	-1.33E-5
	CC19	0.0843	-0.4753	-0.0012	-8.96E-4	-1.37E-29	8.58E-6
	CC20	-0.0225	-0.4433	-0.0291	-8.45E-4	-2.05E-29	7.93E-5
	CC21	-0.0178	-0.4459	-0.0275	-8.50E-4	-2.05E-29	1.01E-4
429	CC1	0.0018	-0.0101	-0.0954	-3.39E-5	0.00E+0	-3.48E-6
	CC2	0.0018	-0.0101	-0.0954	-3.39E-5	0.00E+0	-3.48E-6
	CC3	0.0018	-0.0101	-0.0954	-3.39E-5	0.00E+0	-3.48E-6
	CC4	0.0019	-0.0093	-0.0926	-3.15E-5	0.00E+0	-3.65E-6
	CC5	0.0019	-0.0093	-0.0926	-3.15E-5	0.00E+0	-3.65E-6
	CC6	0.1626	0.0977	-0.0724	1.55E-4	2.10E-29	-1.76E-4
	CC7	0.1641	0.0960	-0.0718	1.53E-4	2.10E-29	-1.69E-4
	CC8	0.1801	-0.1755	-0.0401	-3.22E-4	7.94E-3	-1.47E-4
	CC9	0.1816	-0.1772	-0.0396	-3.24E-4	7.94E-3	-1.40E-4
	CC10	-0.1778	0.1590	-0.1437	2.63E-4	-7.94E-3	1.33E-4
	CC11	-0.1762	0.1573	-0.1432	2.61E-4	-7.94E-3	1.40E-4
	CC12	-0.1603	-0.1142	-0.1115	-2.14E-4	-2.10E-29	1.61E-4
	CC13	-0.1588	-0.1159	-0.1110	-2.16E-4	-2.10E-29	1.69E-4
	CC14	0.0215	0.4397	-0.1355	7.52E-4	2.61E-29	-1.09E-4
	CC15	0.0262	0.4346	-0.1339	7.45E-4	2.61E-29	-8.66E-5
	CC16	-0.0806	0.4581	-0.1569	7.84E-4	1.74E-29	-1.59E-5
	CC17	-0.0759	0.4530	-0.1553	7.77E-4	1.74E-29	6.04E-6
	CC18	0.0797	-0.4711	-0.0281	-8.39E-4	-1.74E-29	-1.35E-5
	CC19	0.0844	-0.4763	-0.0264	-8.46E-4	-1.74E-29	8.45E-6
	CC20	-0.0224	-0.4528	-0.0495	-8.06E-4	-2.61E-29	7.92E-5
	CC21	-0.0177	-0.4579	-0.0478	-8.13E-4	-2.61E-29	1.01E-4
430	CC1	0.0011	-0.0079	-0.0909	0.00E+0	-1.64E-5	1.12E-6
	CC2	0.0011	-0.0079	-0.0909	0.00E+0	-1.64E-5	1.12E-6
	CC3	0.0011	-0.0079	-0.0909	0.00E+0	-1.64E-5	1.12E-6
	CC4	0.0010	-0.0074	-0.0888	0.00E+0	-1.54E-5	1.17E-6
	CC5	0.0010	-0.0074	-0.0888	0.00E+0	-1.54E-5	1.17E-6
	CC6	0.1886	-0.3586	-0.0375	2.56E-29	-3.22E-4	-1.71E-4
	CC7	0.1870	-0.3411	-0.0394	2.56E-29	-3.20E-4	-1.64E-4
	CC8	0.1940	-0.5559	-0.0169	9.56E-3	-3.34E-4	-1.43E-4
	CC9	0.1924	-0.5384	-0.0188	9.56E-3	-3.31E-4	-1.35E-4
	CC10	-0.1904	0.5240	-0.1575	-9.56E-3	3.01E-4	1.38E-4
	CC11	-0.1920	0.5416	-0.1594	-9.56E-3	3.03E-4	1.45E-4
	CC12	-0.1850	0.3267	-0.1368	-2.56E-29	2.89E-4	1.66E-4

	CC13	-0.1866	0.3442	-0.1388	-2.56E-29	2.92E-4	1.73E-4
	CC14	0.0512	0.1627	-0.1016	3.20E-29	-9.31E-5	-1.04E-4
	CC15	0.0463	0.2159	-0.1075	3.20E-29	-8.56E-5	-8.17E-5
	CC16	-0.0625	0.4275	-0.1376	2.14E-29	9.38E-5	-1.10E-5
	CC17	-0.0674	0.4807	-0.1435	2.14E-29	1.01E-4	1.09E-5
	CC18	0.0694	-0.4950	-0.0328	-2.14E-29	-1.31E-4	-8.55E-6
	CC19	0.0644	-0.4419	-0.0387	-2.14E-29	-1.24E-4	1.34E-5
	CC20	-0.0443	-0.2303	-0.0688	-3.20E-29	5.55E-5	8.41E-5
	CC21	-0.0492	-0.1771	-0.0747	-3.20E-29	6.29E-5	1.06E-4
431	CC1	0.0010	-0.0079	-0.0926	0.00E+0	-2.07E-5	1.20E-6
	CC2	0.0010	-0.0079	-0.0926	0.00E+0	-2.07E-5	1.20E-6
	CC3	0.0010	-0.0079	-0.0926	0.00E+0	-2.07E-5	1.20E-6
	CC4	0.0009	-0.0074	-0.0904	0.00E+0	-1.93E-5	1.24E-6
	CC5	0.0009	-0.0074	-0.0904	0.00E+0	-1.93E-5	1.24E-6
	CC6	0.1954	-0.3586	-0.0493	4.50E-29	-3.32E-4	-1.71E-4
	CC7	0.1931	-0.3411	-0.0488	4.50E-29	-3.29E-4	-1.64E-4
	CC8	0.1983	-0.5560	-0.0605	1.72E-29	-3.35E-4	-1.43E-4
	CC9	0.1960	-0.5385	-0.0599	1.72E-29	-3.31E-4	-1.35E-4
	CC10	-0.1942	0.5240	-0.1195	-1.72E-29	2.94E-4	1.38E-4
	CC11	-0.1965	0.5415	-0.1189	-1.72E-29	2.97E-4	1.45E-4
	CC12	-0.1914	0.3266	-0.1306	-4.50E-29	2.91E-4	1.66E-4
	CC13	-0.1937	0.3442	-0.1300	-4.50E-29	2.94E-4	1.74E-4
	CC14	0.0581	0.1627	-0.0615	5.57E-29	-1.13E-4	-1.04E-4
	CC15	0.0511	0.2158	-0.0598	5.57E-29	-1.03E-4	-8.17E-5
	CC16	-0.0588	0.4275	-0.0825	3.70E-29	7.49E-5	-1.09E-5
	CC17	-0.0658	0.4806	-0.0809	3.70E-29	8.49E-5	1.10E-5
	CC18	0.0676	-0.4951	-0.0985	-3.70E-29	-1.23E-4	-8.49E-6
	CC19	0.0606	-0.4419	-0.0969	-3.70E-29	-1.13E-4	1.34E-5
	CC20	-0.0493	-0.2303	-0.1196	-5.57E-29	6.51E-5	8.42E-5
	CC21	-0.0563	-0.1771	-0.1179	-5.57E-29	7.51E-5	1.06E-4
432	CC1	0.0012	-0.0056	-0.1137	1.58E-5	9.04E-6	-1.35E-6
	CC2	0.0012	-0.0056	-0.1137	1.58E-5	9.04E-6	-1.35E-6
	CC3	0.0012	-0.0056	-0.1137	1.58E-5	9.04E-6	-1.35E-6
	CC4	0.0013	-0.0051	-0.1111	1.55E-5	8.20E-6	-1.36E-6
	CC5	0.0013	-0.0051	-0.1111	1.55E-5	8.20E-6	-1.36E-6
	CC6	0.1979	0.4124	-0.1480	2.80E-4	-3.37E-4	-1.74E-4
	CC7	0.1954	0.3977	-0.1496	2.72E-4	-3.32E-4	-1.66E-4
	CC8	0.2000	0.0878	-0.1990	3.32E-5	-3.08E-4	-1.45E-4
	CC9	0.1975	0.0731	-0.2006	2.51E-5	-3.03E-4	-1.38E-4
	CC10	-0.1948	-0.0830	-0.0198	5.62E-6	3.19E-4	1.35E-4
	CC11	-0.1974	-0.0976	-0.0214	-2.47E-6	3.24E-4	1.42E-4
	CC12	-0.1927	-0.4075	-0.0709	-2.41E-4	3.48E-4	1.64E-4
	CC13	-0.1952	-0.4222	-0.0725	-2.49E-4	3.53E-4	1.71E-4
	CC14	0.0604	0.6326	-0.0419	4.81E-4	-1.47E-4	-1.06E-4
	CC15	0.0528	0.5880	-0.0468	4.56E-4	-1.31E-4	-8.43E-5
	CC16	-0.0574	0.4840	-0.0034	3.98E-4	4.96E-5	-1.35E-5
	CC17	-0.0650	0.4394	-0.0083	3.74E-4	6.60E-5	8.39E-6
	CC18	0.0677	-0.4493	-0.2121	-3.43E-4	-5.01E-5	-1.11E-5
	CC19	0.0601	-0.4938	-0.2170	-3.67E-4	-3.38E-5	1.08E-5
	CC20	-0.0502	-0.5979	-0.1737	-4.25E-4	1.47E-4	8.15E-5
	CC21	-0.0578	-0.6424	-0.1786	-4.50E-4	1.63E-4	1.03E-4
433	CC1	0.0094	-0.0157	-0.0958	-2.32E-5	-3.59E-5	-1.01E-5
	CC2	0.0094	-0.0157	-0.0958	-2.32E-5	-3.59E-5	-1.01E-5
	CC3	0.0094	-0.0157	-0.0958	-2.32E-5	-3.59E-5	-1.01E-5
	CC4	0.0088	-0.0147	-0.0935	-2.15E-5	-3.32E-5	-8.90E-6
	CC5	0.0088	-0.0147	-0.0935	-2.15E-5	-3.32E-5	-8.90E-6
	CC6	0.3061	-0.5302	-0.1012	-5.72E-4	-3.19E-4	-2.78E-4
	CC7	0.3029	-0.5037	-0.1007	-5.44E-4	-3.17E-4	-2.67E-4
	CC8	0.3107	-0.8599	-0.1072	-9.22E-4	-3.25E-4	-2.37E-4
	CC9	0.3075	-0.8334	-0.1068	-8.94E-4	-3.22E-4	-2.26E-4
	CC10	-0.2904	0.8046	-0.0786	8.52E-4	2.57E-4	2.09E-4
	CC11	-0.2936	0.8311	-0.0781	8.80E-4	2.60E-4	2.20E-4
	CC12	-0.2858	0.4749	-0.0846	5.02E-4	2.52E-4	2.50E-4
	CC13	-0.2890	0.5014	-0.0842	5.30E-4	2.55E-4	2.61E-4
	CC14	0.0953	0.2947	-0.0867	3.06E-4	-1.14E-4	-1.67E-4
	CC15	0.0855	0.3751	-0.0853	3.92E-4	-1.06E-4	-1.32E-4
	CC16	-0.0837	0.6952	-0.0799	7.33E-4	5.90E-5	-2.05E-5
	CC17	-0.0934	0.7755	-0.0785	8.19E-4	6.73E-5	1.38E-5
	CC18	0.1106	-0.8043	-0.1068	-8.61E-4	-1.32E-4	-3.08E-5
	CC19	0.1008	-0.7239	-0.1055	-7.75E-4	-1.24E-4	3.51E-6
	CC20	-0.0684	-0.4039	-0.1001	-4.34E-4	4.10E-5	1.15E-4
	CC21	-0.0781	-0.3235	-0.0987	-3.48E-4	4.94E-5	1.50E-4

434	CC1	0.0083	-0.0156	-0.0937	-2.03E-5	-2.94E-5	-1.15E-5
	CC2	0.0083	-0.0156	-0.0937	-2.03E-5	-2.94E-5	-1.15E-5
	CC3	0.0083	-0.0156	-0.0937	-2.03E-5	-2.94E-5	-1.15E-5
	CC4	0.0078	-0.0146	-0.0915	-1.91E-5	-2.73E-5	-1.02E-5
	CC5	0.0078	-0.0146	-0.0915	-1.91E-5	-2.73E-5	-1.02E-5
	CC6	0.2946	-0.5301	-0.0473	-5.53E-4	-3.02E-4	-2.79E-4
	CC7	0.2924	-0.5036	-0.0495	-5.26E-4	-3.00E-4	-2.68E-4
	CC8	0.3031	-0.8598	-0.0202	-8.93E-4	-3.13E-4	-2.39E-4
	CC9	0.3009	-0.8333	-0.0224	-8.65E-4	-3.11E-4	-2.27E-4
	CC10	-0.2857	0.8047	-0.1592	8.28E-4	2.57E-4	2.08E-4
	CC11	-0.2878	0.8312	-0.1614	8.56E-4	2.59E-4	2.19E-4
	CC12	-0.2772	0.4750	-0.1321	4.88E-4	2.47E-4	2.48E-4
	CC13	-0.2793	0.5015	-0.1343	5.16E-4	2.49E-4	2.60E-4
	CC14	0.0837	0.2948	-0.1159	2.99E-4	-9.59E-5	-1.68E-4
	CC15	0.0773	0.3752	-0.1226	3.82E-4	-9.01E-5	-1.34E-4
	CC16	-0.0904	0.6953	-0.1495	7.13E-4	7.19E-5	-2.18E-5
	CC17	-0.0968	0.7757	-0.1562	7.97E-4	7.77E-5	1.25E-5
	CC18	0.1120	-0.8042	-0.0254	-8.34E-4	-1.31E-4	-3.21E-5
	CC19	0.1056	-0.7238	-0.0321	-7.51E-4	-1.25E-4	2.24E-6
	CC20	-0.0620	-0.4038	-0.0590	-4.19E-4	3.68E-5	1.14E-4
	CC21	-0.0685	-0.3234	-0.0657	-3.36E-4	4.26E-5	1.48E-4
435	CC1	0.0067	-0.0132	-0.0983	-2.08E-5	-2.42E-5	2.10E-6
	CC2	0.0067	-0.0132	-0.0983	-2.08E-5	-2.42E-5	2.10E-6
	CC3	0.0067	-0.0132	-0.0983	-2.08E-5	-2.42E-5	2.10E-6
	CC4	0.0063	-0.0123	-0.0958	-1.93E-5	-2.26E-5	1.92E-6
	CC5	0.0063	-0.0123	-0.0958	-1.93E-5	-2.26E-5	1.92E-6
	CC6	0.2877	-0.4843	-0.1521	-5.74E-4	-3.42E-4	-2.41E-4
	CC7	0.2837	-0.4601	-0.1492	-5.45E-4	-3.38E-4	-2.31E-4
	CC8	0.2883	-0.7834	-0.1896	-9.64E-4	-3.49E-4	-2.01E-4
	CC9	0.2844	-0.7593	-0.1866	-9.35E-4	-3.44E-4	-1.91E-4
	CC10	-0.2722	0.7352	-0.0034	8.97E-4	3.00E-4	1.95E-4
	CC11	-0.2761	0.7594	-0.0004	9.26E-4	3.05E-4	2.05E-4
	CC12	-0.2715	0.4360	-0.0409	5.07E-4	2.94E-4	2.35E-4
	CC13	-0.2755	0.4602	-0.0379	5.37E-4	2.98E-4	2.45E-4
	CC14	0.0950	0.2670	-0.0594	3.65E-4	-1.14E-4	-1.45E-4
	CC15	0.0830	0.3403	-0.0504	4.55E-4	-1.01E-4	-1.14E-4
	CC16	-0.0730	0.6328	-0.0147	8.07E-4	7.91E-5	-1.41E-5
	CC17	-0.0849	0.7062	-0.0058	8.97E-4	9.21E-5	1.66E-5
	CC18	0.0972	-0.7303	-0.1843	-9.34E-4	-1.36E-4	-1.29E-5
	CC19	0.0852	-0.6569	-0.1753	-8.44E-4	-1.23E-4	1.78E-5
	CC20	-0.0708	-0.3644	-0.1396	-4.93E-4	5.65E-5	1.18E-4
	CC21	-0.0828	-0.2911	-0.1307	-4.03E-4	6.95E-5	1.49E-4
436	CC1	0.0050	-0.0116	-0.0978	-1.59E-5	-1.61E-5	1.78E-6
	CC2	0.0050	-0.0116	-0.0978	-1.59E-5	-1.61E-5	1.78E-6
	CC3	0.0050	-0.0116	-0.0978	-1.59E-5	-1.61E-5	1.78E-6
	CC4	0.0047	-0.0109	-0.0954	-1.47E-5	-1.52E-5	1.66E-6
	CC5	0.0047	-0.0109	-0.0954	-1.47E-5	-1.52E-5	1.66E-6
	CC6	0.2587	-0.4328	-0.1514	-5.86E-4	-3.44E-4	-2.19E-4
	CC7	0.2551	-0.4113	-0.1484	-5.56E-4	-3.40E-4	-2.10E-4
	CC8	0.2581	-0.6970	-0.1885	-9.85E-4	-3.53E-4	-1.84E-4
	CC9	0.2546	-0.6755	-0.1855	-9.55E-4	-3.48E-4	-1.75E-4
	CC10	-0.2455	0.6542	-0.0036	9.26E-4	3.19E-4	1.78E-4
	CC11	-0.2491	0.6758	-0.0006	9.56E-4	3.23E-4	1.87E-4
	CC12	-0.2460	0.3900	-0.0407	5.28E-4	3.10E-4	2.13E-4
	CC13	-0.2496	0.4115	-0.0377	5.58E-4	3.14E-4	2.22E-4
	CC14	0.0865	0.2340	-0.0593	3.77E-4	-1.07E-4	-1.30E-4
	CC15	0.0757	0.2993	-0.0504	4.68E-4	-9.28E-5	-1.02E-4
	CC16	-0.0648	0.5601	-0.0150	8.31E-4	9.22E-5	-1.11E-5
	CC17	-0.0756	0.6254	-0.0061	9.22E-4	1.06E-4	1.69E-5
	CC18	0.0847	-0.6467	-0.1830	-9.50E-4	-1.36E-4	-1.36E-5
	CC19	0.0739	-0.5814	-0.1741	-8.59E-4	-1.22E-4	1.44E-5
	CC20	-0.0666	-0.3206	-0.1387	-4.97E-4	6.31E-5	1.06E-4
	CC21	-0.0774	-0.2553	-0.1298	-4.05E-4	7.69E-5	1.34E-4
437	CC1	0.0036	-0.0102	-0.0974	-1.78E-5	-1.92E-5	1.69E-6
	CC2	0.0036	-0.0102	-0.0974	-1.78E-5	-1.92E-5	1.69E-6
	CC3	0.0036	-0.0102	-0.0974	-1.78E-5	-1.92E-5	1.69E-6
	CC4	0.0033	-0.0096	-0.0950	-1.65E-5	-1.79E-5	1.60E-6
	CC5	0.0033	-0.0096	-0.0950	-1.65E-5	-1.79E-5	1.60E-6
	CC6	0.2296	-0.3821	-0.1497	-5.72E-4	-3.39E-4	-1.97E-4
	CC7	0.2265	-0.3632	-0.1469	-5.43E-4	-3.35E-4	-1.89E-4
	CC8	0.2287	-0.6127	-0.1858	-9.55E-4	-3.43E-4	-1.67E-4
	CC9	0.2255	-0.5938	-0.1829	-9.26E-4	-3.39E-4	-1.59E-4

	CC10	-0.2192	0.5751	-0.0053	8.94E-4	3.04E-4	1.62E-4
	CC11	-0.2223	0.5940	-0.0025	9.23E-4	3.08E-4	1.70E-4
	CC12	-0.2201	0.3445	-0.0414	5.11E-4	3.00E-4	1.92E-4
	CC13	-0.2233	0.3634	-0.0385	5.40E-4	3.04E-4	2.00E-4
	CC14	0.0769	0.2028	-0.0600	3.59E-4	-1.14E-4	-1.15E-4
	CC15	0.0673	0.2601	-0.0513	4.46E-4	-1.01E-4	-9.01E-5
	CC16	-0.0578	0.4899	-0.0167	7.98E-4	7.90E-5	-7.72E-6
	CC17	-0.0674	0.5473	-0.0080	8.86E-4	9.15E-5	1.76E-5
	CC18	0.0738	-0.5660	-0.1803	-9.18E-4	-1.27E-4	-1.45E-5
	CC19	0.0641	-0.5086	-0.1716	-8.31E-4	-1.14E-4	1.09E-5
	CC20	-0.0609	-0.2788	-0.1370	-4.78E-4	6.64E-5	9.32E-5
	CC21	-0.0705	-0.2215	-0.1283	-3.91E-4	7.89E-5	1.19E-4
438	CC1	0.0056	-0.0135	-0.0915	-2.29E-5	-1.84E-5	-1.32E-6
	CC2	0.0056	-0.0135	-0.0915	-2.29E-5	-1.84E-5	-1.32E-6
	CC3	0.0056	-0.0135	-0.0915	-2.29E-5	-1.84E-5	-1.32E-6
	CC4	0.0052	-0.0126	-0.0895	-2.14E-5	-1.73E-5	-1.25E-6
	CC5	0.0052	-0.0126	-0.0895	-2.14E-5	-1.73E-5	-1.25E-6
	CC6	0.2584	-0.4814	0.0056	-5.53E-4	-2.98E-4	-2.47E-4
	CC7	0.2574	-0.4574	0.0007	-5.25E-4	-2.97E-4	-2.36E-4
	CC8	0.2697	-0.7784	0.0658	-9.27E-4	-3.08E-4	-2.09E-4
	CC9	0.2687	-0.7544	0.0609	-8.99E-4	-3.08E-4	-1.99E-4
	CC10	-0.2585	0.7297	-0.2385	8.57E-4	2.74E-4	1.96E-4
	CC11	-0.2595	0.7537	-0.2434	8.86E-4	2.74E-4	2.07E-4
	CC12	-0.2472	0.4327	-0.1783	4.83E-4	2.63E-4	2.34E-4
	CC13	-0.2482	0.4567	-0.1831	5.11E-4	2.64E-4	2.44E-4
	CC14	0.0653	0.2646	-0.1452	3.48E-4	-8.62E-5	-1.46E-4
	CC15	0.0623	0.3374	-0.1599	4.34E-4	-8.46E-5	-1.15E-4
	CC16	-0.0898	0.6279	-0.2184	7.71E-4	8.53E-5	-1.31E-5
	CC17	-0.0927	0.7007	-0.2331	8.57E-4	8.69E-5	1.81E-5
	CC18	0.1029	-0.7254	0.0555	-8.99E-4	-1.21E-4	-2.06E-5
	CC19	0.1000	-0.6526	0.0408	-8.13E-4	-1.19E-4	1.07E-5
	CC20	-0.0521	-0.3621	-0.0177	-4.76E-4	5.07E-5	1.12E-4
	CC21	-0.0550	-0.2893	-0.0324	-3.90E-4	5.23E-5	1.44E-4
439	CC1	0.0041	-0.0115	-0.0913	-2.21E-5	-1.51E-5	-6.82E-7
	CC2	0.0041	-0.0115	-0.0913	-2.21E-5	-1.51E-5	-6.82E-7
	CC3	0.0041	-0.0115	-0.0913	-2.21E-5	-1.51E-5	-6.82E-7
	CC4	0.0039	-0.0108	-0.0893	-2.07E-5	-1.43E-5	-6.25E-7
	CC5	0.0039	-0.0108	-0.0893	-2.07E-5	-1.43E-5	-6.25E-7
	CC6	0.2327	-0.4325	0.0051	-5.54E-4	-3.04E-4	-2.22E-4
	CC7	0.2318	-0.4110	0.0003	-5.26E-4	-3.03E-4	-2.12E-4
	CC8	0.2433	-0.6965	0.0647	-9.26E-4	-3.14E-4	-1.87E-4
	CC9	0.2424	-0.6750	0.0599	-8.98E-4	-3.14E-4	-1.78E-4
	CC10	-0.2349	0.6540	-0.2371	8.58E-4	2.86E-4	1.76E-4
	CC11	-0.2358	0.6755	-0.2419	8.86E-4	2.86E-4	1.86E-4
	CC12	-0.2242	0.3899	-0.1775	4.85E-4	2.75E-4	2.11E-4
	CC13	-0.2252	0.4114	-0.1823	5.13E-4	2.76E-4	2.20E-4
	CC14	0.0576	0.2339	-0.1443	3.46E-4	-8.60E-5	-1.32E-4
	CC15	0.0548	0.2992	-0.1588	4.31E-4	-8.46E-5	-1.04E-4
	CC16	-0.0827	0.5599	-0.2169	7.70E-4	9.09E-5	-1.26E-5
	CC17	-0.0855	0.6251	-0.2315	8.55E-4	9.23E-5	1.55E-5
	CC18	0.0930	-0.6462	0.0543	-8.95E-4	-1.20E-4	-1.67E-5
	CC19	0.0902	-0.5809	0.0397	-8.10E-4	-1.19E-4	1.14E-5
	CC20	-0.0472	-0.3203	-0.0183	-4.72E-4	5.66E-5	1.03E-4
	CC21	-0.0500	-0.2550	-0.0329	-3.87E-4	5.80E-5	1.31E-4
440	CC1	0.0028	-0.0096	-0.0911	-2.13E-5	-1.53E-5	-3.38E-7
	CC2	0.0028	-0.0096	-0.0911	-2.13E-5	-1.53E-5	-3.38E-7
	CC3	0.0028	-0.0096	-0.0911	-2.13E-5	-1.53E-5	-3.38E-7
	CC4	0.0026	-0.0090	-0.0890	-1.99E-5	-1.45E-5	-2.88E-7
	CC5	0.0026	-0.0090	-0.0890	-1.99E-5	-1.45E-5	-2.88E-7
	CC6	0.2068	-0.3841	0.0042	-5.54E-4	-3.07E-4	-1.97E-4
	CC7	0.2059	-0.3651	-0.0006	-5.26E-4	-3.06E-4	-1.89E-4
	CC8	0.2167	-0.6164	0.0626	-9.22E-4	-3.20E-4	-1.66E-4
	CC9	0.2158	-0.5974	0.0579	-8.95E-4	-3.20E-4	-1.57E-4
	CC10	-0.2107	0.5798	-0.2346	8.56E-4	2.91E-4	1.57E-4
	CC11	-0.2116	0.5988	-0.2393	8.83E-4	2.92E-4	1.65E-4
	CC12	-0.2008	0.3475	-0.1761	4.87E-4	2.78E-4	1.88E-4
	CC13	-0.2017	0.3666	-0.1809	5.15E-4	2.79E-4	1.96E-4
	CC14	0.0500	0.2049	-0.1427	3.42E-4	-8.31E-5	-1.18E-4
	CC15	0.0474	0.2627	-0.1571	4.26E-4	-8.09E-5	-9.32E-5
	CC16	-0.0752	0.4941	-0.2144	7.64E-4	9.65E-5	-1.21E-5
	CC17	-0.0779	0.5519	-0.2287	8.49E-4	9.87E-5	1.29E-5
	CC18	0.0830	-0.5694	0.0520	-8.88E-4	-1.27E-4	-1.35E-5

	CC19	0.0803	-0.5116	0.0377	-8.03E-4	-1.25E-4	1.16E-5
	CC20	-0.0423	-0.2803	-0.0196	-4.65E-4	5.26E-5	9.27E-5
	CC21	-0.0449	-0.2225	-0.0340	-3.81E-4	5.48E-5	1.18E-4
441	CC1	0.0096	-0.0153	-0.0968	-2.99E-5	-4.61E-6	1.20E-5
	CC2	0.0096	-0.0153	-0.0968	-2.99E-5	-4.61E-6	1.20E-5
	CC3	0.0096	-0.0153	-0.0968	-2.99E-5	-4.61E-6	1.20E-5
	CC4	0.0089	-0.0144	-0.0944	-2.81E-5	-4.33E-6	1.10E-5
	CC5	0.0089	-0.0144	-0.0944	-2.81E-5	-4.33E-6	1.10E-5
	CC6	0.3186	-0.5474	-0.1537	-5.56E-4	-8.56E-5	-2.59E-4
	CC7	0.3142	-0.5201	-0.1506	-5.28E-4	-8.13E-5	-2.47E-4
	CC8	0.3189	-0.8744	-0.1953	-9.03E-4	-1.39E-4	-2.18E-4
	CC9	0.3145	-0.8472	-0.1922	-8.75E-4	-1.35E-4	-2.07E-4
	CC10	-0.2972	0.8191	0.0049	8.20E-4	1.26E-4	2.28E-4
	CC11	-0.3016	0.8463	0.0080	8.48E-4	1.31E-4	2.39E-4
	CC12	-0.2968	0.4920	-0.0367	4.73E-4	7.29E-5	2.69E-4
	CC13	-0.3012	0.5193	-0.0336	5.01E-4	7.72E-5	2.80E-4
	CC14	0.1071	0.2848	-0.0528	3.02E-4	4.65E-5	-1.47E-4
	CC15	0.0937	0.3674	-0.0434	3.86E-4	5.95E-5	-1.13E-4
	CC16	-0.0776	0.6947	-0.0052	7.14E-4	1.10E-4	-1.33E-6
	CC17	-0.0910	0.7773	0.0042	7.99E-4	1.23E-4	3.30E-5
	CC18	0.1083	-0.8054	-0.1915	-8.54E-4	-1.32E-4	-1.16E-5
	CC19	0.0949	-0.7228	-0.1821	-7.69E-4	-1.19E-4	2.27E-5
	CC20	-0.0764	-0.3955	-0.1439	-4.41E-4	-6.80E-5	1.34E-4
	CC21	-0.0898	-0.3129	-0.1345	-3.57E-4	-5.49E-5	1.69E-4
442	CC1	0.0070	-0.0131	-0.0952	-2.05E-5	-2.52E-5	8.15E-9
	CC2	0.0070	-0.0131	-0.0952	-2.05E-5	-2.52E-5	8.15E-9
	CC3	0.0070	-0.0131	-0.0952	-2.05E-5	-2.52E-5	8.15E-9
	CC4	0.0065	-0.0122	-0.0929	-1.93E-5	-2.36E-5	-2.10E-8
	CC5	0.0065	-0.0122	-0.0929	-1.93E-5	-2.36E-5	-2.10E-8
	CC6	0.2897	-0.5127	0.0148	-5.85E-4	-3.40E-4	-2.28E-4
	CC7	0.2856	-0.4873	0.0180	-5.55E-4	-3.36E-4	-2.19E-4
	CC8	0.2891	-0.8046	-0.0311	-9.53E-4	-3.46E-4	-1.79E-4
	CC9	0.2850	-0.7793	-0.0278	-9.24E-4	-3.42E-4	-1.70E-4
	CC10	-0.2723	0.7554	-0.1564	8.86E-4	2.96E-4	1.70E-4
	CC11	-0.2765	0.7807	-0.1532	9.16E-4	3.00E-4	1.79E-4
	CC12	-0.2729	0.4634	-0.2023	5.18E-4	2.90E-4	2.19E-4
	CC13	-0.2771	0.4887	-0.1991	5.47E-4	2.94E-4	2.28E-4
	CC14	0.0979	0.2460	0.0051	3.30E-4	-1.15E-4	-1.56E-4
	CC15	0.0853	0.3228	0.0149	4.20E-4	-1.02E-4	-1.27E-4
	CC16	-0.0708	0.6264	-0.0463	7.71E-4	7.55E-5	-3.66E-5
	CC17	-0.0833	0.7032	-0.0365	8.61E-4	8.88E-5	-7.71E-6
	CC18	0.0959	-0.7272	-0.1478	-8.99E-4	-1.35E-4	7.64E-6
	CC19	0.0834	-0.6503	-0.1380	-8.09E-4	-1.22E-4	3.65E-5
	CC20	-0.0727	-0.3468	-0.1992	-4.57E-4	5.60E-5	1.27E-4
	CC21	-0.0852	-0.2699	-0.1894	-3.67E-4	6.92E-5	1.56E-4
443	CC1	0.0049	-0.0113	-0.0950	-1.89E-5	-2.13E-5	5.11E-7
	CC2	0.0049	-0.0113	-0.0950	-1.89E-5	-2.13E-5	5.11E-7
	CC3	0.0049	-0.0113	-0.0950	-1.89E-5	-2.13E-5	5.11E-7
	CC4	0.0046	-0.0106	-0.0928	-1.77E-5	-1.99E-5	5.30E-7
	CC5	0.0046	-0.0106	-0.0928	-1.77E-5	-1.99E-5	5.30E-7
	CC6	0.2604	-0.4606	0.0144	-5.94E-4	-3.45E-4	-2.11E-4
	CC7	0.2567	-0.4379	0.0176	-5.64E-4	-3.40E-4	-2.02E-4
	CC8	0.2593	-0.7200	-0.0311	-9.66E-4	-3.52E-4	-1.71E-4
	CC9	0.2556	-0.6973	-0.0279	-9.36E-4	-3.47E-4	-1.62E-4
	CC10	-0.2467	0.6766	-0.1561	9.01E-4	3.08E-4	1.63E-4
	CC11	-0.2504	0.6993	-0.1529	9.31E-4	3.13E-4	1.72E-4
	CC12	-0.2478	0.4172	-0.2016	5.30E-4	3.01E-4	2.03E-4
	CC13	-0.2515	0.4399	-0.1984	5.60E-4	3.06E-4	2.12E-4
	CC14	0.0880	0.2170	0.0045	3.32E-4	-1.13E-4	-1.36E-4
	CC15	0.0767	0.2859	0.0142	4.23E-4	-9.88E-5	-1.09E-4
	CC16	-0.0642	0.5581	-0.0467	7.81E-4	8.32E-5	-2.35E-5
	CC17	-0.0755	0.6270	-0.0370	8.72E-4	9.72E-5	3.61E-6
	CC18	0.0844	-0.6477	-0.1470	-9.07E-4	-1.36E-4	-2.53E-6
	CC19	0.0731	-0.5789	-0.1373	-8.16E-4	-1.22E-4	2.46E-5
	CC20	-0.0678	-0.3066	-0.1982	-4.58E-4	5.99E-5	1.10E-4
	CC21	-0.0791	-0.2377	-0.1885	-3.67E-4	7.38E-5	1.37E-4
444	CC1	0.0030	-0.0096	-0.0947	-1.91E-5	-2.27E-5	1.19E-6
	CC2	0.0030	-0.0096	-0.0947	-1.91E-5	-2.27E-5	1.19E-6
	CC3	0.0030	-0.0096	-0.0947	-1.91E-5	-2.27E-5	1.19E-6
	CC4	0.0028	-0.0090	-0.0924	-1.79E-5	-2.11E-5	1.26E-6
	CC5	0.0028	-0.0090	-0.0924	-1.79E-5	-2.11E-5	1.26E-6
	CC6	0.2316	-0.4093	0.0136	-5.78E-4	-3.35E-4	-1.94E-4

	CC7	0.2283	-0.3892	0.0168	-5.49E-4	-3.32E-4	-1.86E-4
	CC8	0.2303	-0.6373	-0.0311	-9.38E-4	-3.28E-4	-1.64E-4
	CC9	0.2269	-0.6172	-0.0279	-9.09E-4	-3.24E-4	-1.55E-4
	CC10	-0.2216	0.5996	-0.1554	8.74E-4	2.83E-4	1.58E-4
	CC11	-0.2249	0.6197	-0.1523	9.03E-4	2.87E-4	1.66E-4
	CC12	-0.2229	0.3715	-0.2001	5.14E-4	2.91E-4	1.89E-4
	CC13	-0.2263	0.3916	-0.1969	5.43E-4	2.94E-4	1.97E-4
	CC14	0.0780	0.1894	0.0034	3.21E-4	-1.31E-4	-1.16E-4
	CC15	0.0678	0.2504	0.0130	4.09E-4	-1.20E-4	-9.02E-5
	CC16	-0.0580	0.4920	-0.0473	7.57E-4	5.42E-5	-9.85E-6
	CC17	-0.0681	0.5530	-0.0377	8.44E-4	6.53E-5	1.54E-5
	CC18	0.0735	-0.5706	-0.1456	-8.79E-4	-1.06E-4	-1.29E-5
	CC19	0.0633	-0.5096	-0.1360	-7.92E-4	-9.55E-5	1.24E-5
	CC20	-0.0624	-0.2680	-0.1963	-4.44E-4	7.90E-5	9.28E-5
	CC21	-0.0726	-0.2070	-0.1867	-3.56E-4	9.01E-5	1.18E-4
445	CC1	0.0074	-0.0153	-0.0906	-2.48E-5	-3.80E-6	9.78E-6
	CC2	0.0074	-0.0153	-0.0906	-2.48E-5	-3.80E-6	9.78E-6
	CC3	0.0074	-0.0153	-0.0906	-2.48E-5	-3.80E-6	9.78E-6
	CC4	0.0070	-0.0143	-0.0886	-2.32E-5	-3.57E-6	8.94E-6
	CC5	0.0070	-0.0143	-0.0886	-2.32E-5	-3.57E-6	8.94E-6
	CC6	0.2847	-0.5473	0.0045	-5.59E-4	-8.59E-5	-2.61E-4
	CC7	0.2836	-0.5201	-0.0002	-5.31E-4	-8.15E-5	-2.49E-4
	CC8	0.2967	-0.8743	0.0621	-9.22E-4	-1.41E-4	-2.20E-4
	CC9	0.2956	-0.8471	0.0574	-8.93E-4	-1.37E-4	-2.09E-4
	CC10	-0.2820	0.8192	-0.2333	8.48E-4	1.30E-4	2.26E-4
	CC11	-0.2831	0.8464	-0.2380	8.76E-4	1.35E-4	2.37E-4
	CC12	-0.2700	0.4921	-0.1757	4.85E-4	7.45E-5	2.67E-4
	CC13	-0.2711	0.5193	-0.1804	5.14E-4	7.89E-5	2.78E-4
	CC14	0.0736	0.2849	-0.1411	3.27E-4	5.01E-5	-1.49E-4
	CC15	0.0701	0.3675	-0.1555	4.13E-4	6.34E-5	-1.15E-4
	CC16	-0.0964	0.6948	-0.2125	7.49E-4	1.15E-4	-3.35E-6
	CC17	-0.0999	0.7774	-0.2268	8.35E-4	1.28E-4	3.10E-5
	CC18	0.1136	-0.8054	0.0509	-8.81E-4	-1.35E-4	-1.37E-5
	CC19	0.1101	-0.7227	0.0366	-7.94E-4	-1.22E-4	2.07E-5
	CC20	-0.0565	-0.3954	-0.0204	-4.59E-4	-7.04E-5	1.32E-4
	CC21	-0.0599	-0.3128	-0.0348	-3.72E-4	-5.71E-5	1.67E-4
446	CC1	0.0056	-0.0130	-0.0895	-2.04E-5	-1.88E-5	1.83E-6
	CC2	0.0056	-0.0130	-0.0895	-2.04E-5	-1.88E-5	1.83E-6
	CC3	0.0056	-0.0130	-0.0895	-2.04E-5	-1.88E-5	1.83E-6
	CC4	0.0053	-0.0122	-0.0876	-1.91E-5	-1.77E-5	1.77E-6
	CC5	0.0053	-0.0122	-0.0876	-1.91E-5	-1.77E-5	1.77E-6
	CC6	0.2600	-0.5125	0.0046	-5.84E-4	-2.98E-4	-2.39E-4
	CC7	0.2588	-0.4872	-0.0001	-5.54E-4	-2.97E-4	-2.29E-4
	CC8	0.2708	-0.8044	0.0595	-9.52E-4	-3.08E-4	-1.99E-4
	CC9	0.2696	-0.7791	0.0549	-9.23E-4	-3.07E-4	-1.89E-4
	CC10	-0.2592	0.7552	-0.2288	8.85E-4	2.73E-4	1.92E-4
	CC11	-0.2604	0.7805	-0.2334	9.15E-4	2.74E-4	2.03E-4
	CC12	-0.2485	0.4633	-0.1738	5.17E-4	2.62E-4	2.32E-4
	CC13	-0.2497	0.4887	-0.1784	5.47E-4	2.63E-4	2.42E-4
	CC14	0.0670	0.2459	-0.1366	3.30E-4	-8.62E-5	-1.45E-4
	CC15	0.0634	0.3228	-0.1506	4.20E-4	-8.34E-5	-1.14E-4
	CC16	-0.0888	0.6262	-0.2066	7.71E-4	8.49E-5	-1.53E-5
	CC17	-0.0924	0.7031	-0.2206	8.61E-4	8.77E-5	1.59E-5
	CC18	0.1028	-0.7269	0.0467	-8.98E-4	-1.22E-4	-1.24E-5
	CC19	0.0992	-0.6501	0.0327	-8.08E-4	-1.20E-4	1.87E-5
	CC20	-0.0530	-0.3466	-0.0233	-4.57E-4	4.87E-5	1.17E-4
	CC21	-0.0566	-0.2698	-0.0373	-3.67E-4	5.15E-5	1.48E-4
447	CC1	0.0041	-0.0113	-0.0895	-2.01E-5	-1.69E-5	1.06E-6
	CC2	0.0041	-0.0113	-0.0895	-2.01E-5	-1.69E-5	1.06E-6
	CC3	0.0041	-0.0113	-0.0895	-2.01E-5	-1.69E-5	1.06E-6
	CC4	0.0038	-0.0105	-0.0875	-1.89E-5	-1.59E-5	1.05E-6
	CC5	0.0038	-0.0105	-0.0875	-1.89E-5	-1.59E-5	1.05E-6
	CC6	0.2343	-0.4605	0.0042	-5.90E-4	-3.05E-4	-2.14E-4
	CC7	0.2332	-0.4378	-0.0004	-5.60E-4	-3.04E-4	-2.04E-4
	CC8	0.2444	-0.7199	0.0588	-9.58E-4	-3.13E-4	-1.76E-4
	CC9	0.2433	-0.6972	0.0542	-9.28E-4	-3.13E-4	-1.67E-4
	CC10	-0.2359	0.6766	-0.2279	8.92E-4	2.81E-4	1.69E-4
	CC11	-0.2370	0.6993	-0.2325	9.21E-4	2.82E-4	1.78E-4
	CC12	-0.2257	0.4172	-0.1734	5.23E-4	2.73E-4	2.07E-4
	CC13	-0.2268	0.4399	-0.1780	5.53E-4	2.74E-4	2.16E-4
	CC14	0.0591	0.2170	-0.1360	3.29E-4	-9.09E-5	-1.33E-4
	CC15	0.0557	0.2859	-0.1499	4.19E-4	-8.88E-5	-1.05E-4

	CC16	-0.0820	0.5581	-0.2056	7.73E-4	8.51E-5	-1.80E-5
	CC17	-0.0854	0.6270	-0.2196	8.63E-4	8.71E-5	9.87E-6
	CC18	0.0928	-0.6476	0.0458	-9.00E-4	-1.18E-4	-7.78E-6
	CC19	0.0894	-0.5787	0.0319	-8.10E-4	-1.16E-4	2.01E-5
	CC20	-0.0482	-0.3065	-0.0238	-4.56E-4	5.77E-5	1.07E-4
	CC21	-0.0516	-0.2376	-0.0377	-3.66E-4	5.97E-5	1.35E-4
448	CC1	0.0026	-0.0095	-0.0893	-1.96E-5	-1.65E-5	8.21E-7
	CC2	0.0026	-0.0095	-0.0893	-1.96E-5	-1.65E-5	8.21E-7
	CC3	0.0026	-0.0095	-0.0893	-1.96E-5	-1.65E-5	8.21E-7
	CC4	0.0024	-0.0089	-0.0874	-1.84E-5	-1.55E-5	8.22E-7
	CC5	0.0024	-0.0089	-0.0874	-1.84E-5	-1.55E-5	8.22E-7
	CC6	0.2083	-0.4092	0.0037	-5.77E-4	-3.11E-4	-1.87E-4
	CC7	0.2073	-0.3891	-0.0008	-5.48E-4	-3.09E-4	-1.79E-4
	CC8	0.2177	-0.6372	0.0576	-9.36E-4	-3.26E-4	-1.50E-4
	CC9	0.2167	-0.6171	0.0531	-9.07E-4	-3.25E-4	-1.43E-4
	CC10	-0.2119	0.5997	-0.2265	8.71E-4	2.95E-4	1.44E-4
	CC11	-0.2130	0.6198	-0.2311	9.00E-4	2.96E-4	1.52E-4
	CC12	-0.2025	0.3717	-0.1727	5.12E-4	2.79E-4	1.81E-4
	CC13	-0.2035	0.3918	-0.1772	5.40E-4	2.80E-4	1.88E-4
	CC14	0.0513	0.1895	-0.1351	3.20E-4	-8.16E-5	-1.21E-4
	CC15	0.0481	0.2505	-0.1488	4.07E-4	-7.76E-5	-9.73E-5
	CC16	-0.0747	0.4922	-0.2042	7.54E-4	9.99E-5	-2.21E-5
	CC17	-0.0779	0.5532	-0.2179	8.41E-4	1.04E-4	1.98E-6
	CC18	0.0827	-0.5706	0.0445	-8.78E-4	-1.34E-4	-3.32E-7
	CC19	0.0795	-0.5096	0.0307	-7.90E-4	-1.30E-4	2.38E-5
	CC20	-0.0434	-0.2679	-0.0246	-4.43E-4	4.72E-5	9.90E-5
	CC21	-0.0466	-0.2069	-0.0384	-3.56E-4	5.12E-5	1.23E-4
449	CC1	0.0010	-0.0205	-0.1153	-5.81E-5	2.38E-5	5.99E-6
	CC2	0.0010	-0.0205	-0.1153	-5.81E-5	2.38E-5	5.99E-6
	CC3	0.0010	-0.0205	-0.1153	-5.81E-5	2.38E-5	5.99E-6
	CC4	0.0011	-0.0191	-0.1110	-5.48E-5	2.21E-5	6.18E-6
	CC5	0.0011	-0.0191	-0.1110	-5.48E-5	2.21E-5	6.18E-6
	CC6	0.3098	0.0061	-0.0400	-3.70E-5	9.26E-5	-2.63E-4
	CC7	0.3055	0.0099	-0.0406	-3.47E-5	9.16E-5	-2.52E-4
	CC8	0.3106	-0.4053	-0.0477	-2.38E-4	9.65E-5	-2.22E-4
	CC9	0.3063	-0.4015	-0.0483	-2.35E-4	9.56E-5	-2.11E-4
	CC10	-0.3041	0.3643	-0.1709	1.28E-4	-5.25E-5	2.24E-4
	CC11	-0.3084	0.3681	-0.1715	1.30E-4	-5.35E-5	2.35E-4
	CC12	-0.3033	-0.0471	-0.1786	-7.28E-5	-4.85E-5	2.64E-4
	CC13	-0.3076	-0.0433	-0.1792	-7.05E-5	-4.95E-5	2.76E-4
	CC14	0.0985	0.6075	-0.0762	2.52E-4	3.81E-5	-1.52E-4
	CC15	0.0855	0.6191	-0.0780	2.60E-4	3.52E-5	-1.17E-4
	CC16	-0.0857	0.7150	-0.1154	3.02E-4	-5.43E-6	-5.77E-6
	CC17	-0.0987	0.7265	-0.1173	3.09E-4	-8.31E-6	2.86E-5
	CC18	0.1009	-0.7638	-0.1019	-4.17E-4	5.14E-5	-1.61E-5
	CC19	0.0879	-0.7522	-0.1038	-4.09E-4	4.85E-5	1.83E-5
	CC20	-0.0833	-0.6563	-0.1412	-3.67E-4	7.88E-6	1.30E-4
	CC21	-0.0963	-0.6448	-0.1430	-3.60E-4	5.01E-6	1.64E-4
450	CC1	0.0011	-0.0211	-0.1132	-5.65E-5	7.14E-6	4.82E-6
	CC2	0.0011	-0.0211	-0.1132	-5.65E-5	7.14E-6	4.82E-6
	CC3	0.0011	-0.0211	-0.1132	-5.65E-5	7.14E-6	4.82E-6
	CC4	0.0012	-0.0198	-0.1091	-5.34E-5	6.45E-6	4.98E-6
	CC5	0.0012	-0.0198	-0.1091	-5.34E-5	6.45E-6	4.98E-6
	CC6	0.3100	0.0397	-0.0425	-2.19E-5	-1.60E-4	-2.64E-4
	CC7	0.3057	0.0421	-0.0431	-2.02E-5	-1.58E-4	-2.53E-4
	CC8	0.3107	-0.3768	-0.0507	-2.15E-4	-1.65E-4	-2.24E-4
	CC9	0.3064	-0.3745	-0.0512	-2.13E-4	-1.63E-4	-2.12E-4
	CC10	-0.3039	0.3358	-0.1642	1.08E-4	1.75E-4	2.22E-4
	CC11	-0.3082	0.3382	-0.1647	1.10E-4	1.77E-4	2.34E-4
	CC12	-0.3032	-0.0808	-0.1723	-8.44E-5	1.70E-4	2.63E-4
	CC13	-0.3075	-0.0784	-0.1729	-8.28E-5	1.72E-4	2.74E-4
	CC14	0.0986	0.6270	-0.0750	2.47E-4	-3.92E-5	-1.53E-4
	CC15	0.0856	0.6341	-0.0767	2.52E-4	-3.25E-5	-1.19E-4
	CC16	-0.0855	0.7158	-0.1115	2.86E-4	6.13E-5	-6.99E-6
	CC17	-0.0986	0.7230	-0.1132	2.91E-4	6.80E-5	2.73E-5
	CC18	0.1010	-0.7616	-0.1022	-3.96E-4	-5.56E-5	-1.73E-5
	CC19	0.0880	-0.7545	-0.1039	-3.91E-4	-4.89E-5	1.70E-5
	CC20	-0.0831	-0.6728	-0.1387	-3.57E-4	4.50E-5	1.29E-4
	CC21	-0.0962	-0.6657	-0.1404	-3.52E-4	5.17E-5	1.63E-4
451	CC1	0.0013	-0.0215	-0.1130	-5.77E-5	2.36E-7	4.51E-6
	CC2	0.0013	-0.0215	-0.1130	-5.77E-5	2.36E-7	4.51E-6
	CC3	0.0013	-0.0215	-0.1130	-5.77E-5	2.36E-7	4.51E-6

	CC4	0.0013	-0.0201	-0.1089	-5.45E-5	-6.65E-8	4.52E-6
	CC5	0.0013	-0.0201	-0.1089	-5.45E-5	-6.65E-8	4.52E-6
	CC6	0.3101	0.0577	-0.0564	-1.90E-5	-2.46E-4	-2.65E-4
	CC7	0.3058	0.0593	-0.0567	-1.80E-5	-2.42E-4	-2.54E-4
	CC8	0.3108	-0.3617	-0.0648	-1.93E-4	-2.52E-4	-2.24E-4
	CC9	0.3065	-0.3601	-0.0652	-1.92E-4	-2.49E-4	-2.13E-4
	CC10	-0.3038	0.3208	-0.1498	8.53E-5	2.49E-4	2.22E-4
	CC11	-0.3081	0.3224	-0.1502	8.63E-5	2.52E-4	2.33E-4
	CC12	-0.3031	-0.0986	-0.1583	-8.90E-5	2.42E-4	2.63E-4
	CC13	-0.3074	-0.0970	-0.1587	-8.80E-5	2.45E-4	2.74E-4
	CC14	0.0988	0.6374	-0.0788	2.20E-4	-6.78E-5	-1.54E-4
	CC15	0.0857	0.6422	-0.0799	2.23E-4	-5.79E-5	-1.19E-4
	CC16	-0.0854	0.7163	-0.1069	2.51E-4	8.05E-5	-7.49E-6
	CC17	-0.0984	0.7211	-0.1080	2.54E-4	9.04E-5	2.68E-5
	CC18	0.1012	-0.7604	-0.1071	-3.61E-4	-9.08E-5	-1.78E-5
	CC19	0.0881	-0.7556	-0.1082	-3.58E-4	-8.08E-5	1.65E-5
	CC20	-0.0830	-0.6815	-0.1351	-3.30E-4	5.75E-5	1.28E-4
	CC21	-0.0960	-0.6767	-0.1362	-3.27E-4	6.75E-5	1.63E-4
452	CC1	0.0021	-0.0155	-0.1174	-3.76E-5	-1.38E-6	6.13E-6
	CC2	0.0021	-0.0155	-0.1174	-3.76E-5	-1.38E-6	6.13E-6
	CC3	0.0021	-0.0155	-0.1174	-3.76E-5	-1.38E-6	6.13E-6
	CC4	0.0021	-0.0143	-0.1129	-3.51E-5	-1.46E-6	6.07E-6
	CC5	0.0021	-0.0143	-0.1129	-3.51E-5	-1.46E-6	6.07E-6
	CC6	0.2914	-0.0186	-0.0429	-4.29E-5	-3.25E-4	-2.39E-4
	CC7	0.2874	-0.0140	-0.0435	-3.72E-5	-3.20E-4	-2.29E-4
	CC8	0.2919	-0.4002	-0.0499	-4.11E-4	-3.29E-4	-2.01E-4
	CC9	0.2879	-0.3955	-0.0505	-4.06E-4	-3.25E-4	-1.91E-4
	CC10	-0.2837	0.3676	-0.1722	3.37E-4	3.22E-4	2.03E-4
	CC11	-0.2877	0.3723	-0.1728	3.43E-4	3.26E-4	2.14E-4
	CC12	-0.2832	-0.0139	-0.1793	-3.12E-5	3.17E-4	2.41E-4
	CC13	-0.2872	-0.0093	-0.1799	-2.56E-5	3.22E-4	2.51E-4
	CC14	0.0936	0.5569	-0.0793	5.14E-4	-9.70E-5	-1.38E-4
	CC15	0.0814	0.5711	-0.0811	5.31E-4	-8.43E-5	-1.07E-4
	CC16	-0.0789	0.6728	-0.1181	6.28E-4	9.70E-5	-5.82E-6
	CC17	-0.0912	0.6869	-0.1199	6.46E-4	1.10E-4	2.55E-5
	CC18	0.0953	-0.7148	-0.1029	-7.14E-4	-1.13E-4	-1.34E-5
	CC19	0.0831	-0.7007	-0.1047	-6.97E-4	-9.99E-5	1.79E-5
	CC20	-0.0772	-0.5990	-0.1417	-6.00E-4	8.14E-5	1.19E-4
	CC21	-0.0895	-0.5848	-0.1435	-5.83E-4	9.40E-5	1.51E-4
453	CC1	0.0013	-0.0128	-0.1164	-2.41E-5	-1.47E-5	5.02E-6
	CC2	0.0013	-0.0128	-0.1164	-2.41E-5	-1.47E-5	5.02E-6
	CC3	0.0013	-0.0128	-0.1164	-2.41E-5	-1.47E-5	5.02E-6
	CC4	0.0013	-0.0119	-0.1120	-2.21E-5	-1.37E-5	4.97E-6
	CC5	0.0013	-0.0119	-0.1120	-2.21E-5	-1.37E-5	4.97E-6
	CC6	0.2578	-0.0152	-0.0428	-3.34E-5	-4.27E-4	-2.15E-4
	CC7	0.2542	-0.0111	-0.0434	-2.64E-5	-4.22E-4	-2.06E-4
	CC8	0.2583	-0.3589	-0.0497	-5.17E-4	-4.33E-4	-1.81E-4
	CC9	0.2547	-0.3548	-0.0503	-5.10E-4	-4.27E-4	-1.71E-4
	CC10	-0.2521	0.3316	-0.1708	4.67E-4	4.00E-4	1.81E-4
	CC11	-0.2557	0.3357	-0.1714	4.74E-4	4.06E-4	1.91E-4
	CC12	-0.2516	-0.0120	-0.1777	-1.65E-5	3.95E-4	2.16E-4
	CC13	-0.2552	-0.0079	-0.1783	-9.45E-6	4.01E-4	2.25E-4
	CC14	0.0824	0.5029	-0.0789	6.99E-4	-1.37E-4	-1.27E-4
	CC15	0.0715	0.5153	-0.0807	7.20E-4	-1.21E-4	-9.86E-5
	CC16	-0.0705	0.6070	-0.1173	8.49E-4	1.11E-4	-7.73E-6
	CC17	-0.0815	0.6194	-0.1191	8.70E-4	1.27E-4	2.04E-5
	CC18	0.0841	-0.6425	-0.1020	-9.13E-4	-1.54E-4	-1.05E-5
	CC19	0.0731	-0.6301	-0.1038	-8.92E-4	-1.38E-4	1.76E-5
	CC20	-0.0689	-0.5385	-0.1404	-7.63E-4	9.42E-5	1.09E-4
	CC21	-0.0798	-0.5261	-0.1422	-7.41E-4	1.10E-4	1.37E-4
454	CC1	0.0001	-0.0109	-0.1156	-2.01E-5	-9.22E-6	3.92E-6
	CC2	0.0001	-0.0109	-0.1156	-2.01E-5	-9.22E-6	3.92E-6
	CC3	0.0001	-0.0109	-0.1156	-2.01E-5	-9.22E-6	3.92E-6
	CC4	0.0002	-0.0102	-0.1112	-1.82E-5	-8.81E-6	3.89E-6
	CC5	0.0002	-0.0102	-0.1112	-1.82E-5	-8.81E-6	3.89E-6
	CC6	0.2238	-0.0119	-0.0434	-2.06E-5	-3.63E-4	-1.92E-4
	CC7	0.2206	-0.0084	-0.0440	-1.36E-5	-3.59E-4	-1.84E-4
	CC8	0.2229	-0.3122	-0.0502	-5.57E-4	-3.67E-4	-1.61E-4
	CC9	0.2197	-0.3087	-0.0507	-5.50E-4	-3.63E-4	-1.52E-4
	CC10	-0.2193	0.2889	-0.1687	5.15E-4	3.45E-4	1.60E-4
	CC11	-0.2225	0.2924	-0.1692	5.22E-4	3.50E-4	1.68E-4
	CC12	-0.2202	-0.0114	-0.1754	-2.16E-5	3.41E-4	1.92E-4

	CC13	-0.2234	-0.0079	-0.1760	-1.46E-5	3.46E-4	2.00E-4
	CC14	0.0730	0.4402	-0.0788	7.85E-4	-1.15E-4	-1.15E-4
	CC15	0.0634	0.4507	-0.0806	8.06E-4	-1.01E-4	-8.96E-5
	CC16	-0.0600	0.5304	-0.1164	9.46E-4	9.73E-5	-8.89E-6
	CC17	-0.0696	0.5409	-0.1181	9.67E-4	1.11E-4	1.61E-5
	CC18	0.0700	-0.5608	-0.1013	-1.00E-3	-1.28E-4	-8.40E-6
	CC19	0.0604	-0.5503	-0.1030	-9.81E-4	-1.15E-4	1.66E-5
	CC20	-0.0630	-0.4705	-0.1388	-8.42E-4	8.41E-5	9.73E-5
	CC21	-0.0726	-0.4600	-0.1406	-8.20E-4	9.78E-5	1.22E-4
455	CC1	0.0011	-0.0174	-0.1128	-3.93E-5	-4.33E-6	4.36E-6
	CC2	0.0011	-0.0174	-0.1128	-3.93E-5	-4.33E-6	4.36E-6
	CC3	0.0011	-0.0174	-0.1128	-3.93E-5	-4.33E-6	4.36E-6
	CC4	0.0011	-0.0163	-0.1087	-3.71E-5	-4.28E-6	4.08E-6
	CC5	0.0011	-0.0163	-0.1087	-3.71E-5	-4.28E-6	4.08E-6
	CC6	0.2829	0.0741	-0.0739	3.95E-5	-3.25E-4	-2.44E-4
	CC7	0.2790	0.0748	-0.0740	4.13E-5	-3.21E-4	-2.33E-4
	CC8	0.2835	-0.3253	-0.0822	-3.24E-4	-3.30E-4	-2.06E-4
	CC9	0.2796	-0.3245	-0.0823	-3.22E-4	-3.26E-4	-1.95E-4
	CC10	-0.2773	0.2927	-0.1323	2.50E-4	3.17E-4	2.03E-4
	CC11	-0.2812	0.2934	-0.1324	2.52E-4	3.21E-4	2.14E-4
	CC12	-0.2767	-0.1067	-0.1406	-1.14E-4	3.13E-4	2.41E-4
	CC13	-0.2806	-0.1059	-0.1407	-1.12E-4	3.17E-4	2.52E-4
	CC14	0.0902	0.6158	-0.0845	5.35E-4	-9.95E-5	-1.42E-4
	CC15	0.0782	0.6179	-0.0849	5.41E-4	-8.70E-5	-1.11E-4
	CC16	-0.0778	0.6813	-0.1020	5.99E-4	9.33E-5	-7.98E-6
	CC17	-0.0898	0.6835	-0.1024	6.04E-4	1.06E-4	2.36E-5
	CC18	0.0921	-0.7154	-0.1122	-6.77E-4	-1.14E-4	-1.56E-5
	CC19	0.0801	-0.7132	-0.1126	-6.71E-4	-1.02E-4	1.60E-5
	CC20	-0.0759	-0.6498	-0.1297	-6.14E-4	7.85E-5	1.19E-4
	CC21	-0.0879	-0.6476	-0.1301	-6.08E-4	9.09E-5	1.50E-4
456	CC1	0.0007	-0.0146	-0.1123	-2.71E-5	-4.23E-6	3.78E-6
	CC2	0.0007	-0.0146	-0.1123	-2.71E-5	-4.23E-6	3.78E-6
	CC3	0.0007	-0.0146	-0.1123	-2.71E-5	-4.23E-6	3.78E-6
	CC4	0.0007	-0.0136	-0.1082	-2.54E-5	-4.18E-6	3.49E-6
	CC5	0.0007	-0.0136	-0.1082	-2.54E-5	-4.18E-6	3.49E-6
	CC6	0.2548	0.0687	-0.0739	7.83E-5	-3.30E-4	-2.21E-4
	CC7	0.2512	0.0692	-0.0740	8.07E-5	-3.26E-4	-2.11E-4
	CC8	0.2555	-0.2917	-0.0819	-4.31E-4	-3.35E-4	-1.86E-4
	CC9	0.2519	-0.2911	-0.0820	-4.29E-4	-3.31E-4	-1.76E-4
	CC10	-0.2503	0.2645	-0.1317	3.80E-4	3.22E-4	1.83E-4
	CC11	-0.2539	0.2651	-0.1318	3.82E-4	3.27E-4	1.92E-4
	CC12	-0.2496	-0.0958	-0.1396	-1.30E-4	3.18E-4	2.18E-4
	CC13	-0.2532	-0.0953	-0.1398	-1.28E-4	3.22E-4	2.27E-4
	CC14	0.0808	0.5571	-0.0847	7.76E-4	-1.01E-4	-1.30E-4
	CC15	0.0700	0.5588	-0.0851	7.83E-4	-8.79E-5	-1.01E-4
	CC16	-0.0707	0.6159	-0.1020	8.66E-4	9.52E-5	-8.87E-6
	CC17	-0.0816	0.6175	-0.1024	8.74E-4	1.08E-4	1.96E-5
	CC18	0.0831	-0.6441	-0.1113	-9.23E-4	-1.16E-4	-1.28E-5
	CC19	0.0723	-0.6425	-0.1116	-9.16E-4	-1.04E-4	1.57E-5
	CC20	-0.0684	-0.5853	-0.1286	-8.33E-4	7.96E-5	1.08E-4
	CC21	-0.0793	-0.5837	-0.1290	-8.26E-4	9.22E-5	1.37E-4
457	CC1	0.0003	-0.0124	-0.1117	-2.30E-5	-3.61E-6	3.03E-6
	CC2	0.0003	-0.0124	-0.1117	-2.30E-5	-3.61E-6	3.03E-6
	CC3	0.0003	-0.0124	-0.1117	-2.30E-5	-3.61E-6	3.03E-6
	CC4	0.0004	-0.0116	-0.1076	-2.14E-5	-3.60E-6	2.76E-6
	CC5	0.0004	-0.0116	-0.1076	-2.14E-5	-3.60E-6	2.76E-6
	CC6	0.2278	0.0616	-0.0737	1.04E-4	-3.25E-4	-1.96E-4
	CC7	0.2246	0.0620	-0.0738	1.06E-4	-3.21E-4	-1.88E-4
	CC8	0.2269	-0.2526	-0.0814	-4.73E-4	-3.29E-4	-1.64E-4
	CC9	0.2237	-0.2522	-0.0815	-4.71E-4	-3.25E-4	-1.56E-4
	CC10	-0.2228	0.2296	-0.1311	4.29E-4	3.18E-4	1.61E-4
	CC11	-0.2260	0.2299	-0.1312	4.31E-4	3.22E-4	1.69E-4
	CC12	-0.2237	-0.0846	-0.1387	-1.47E-4	3.14E-4	1.93E-4
	CC13	-0.2269	-0.0843	-0.1388	-1.45E-4	3.18E-4	2.01E-4
	CC14	0.0744	0.4866	-0.0847	8.88E-4	-9.89E-5	-1.17E-4
	CC15	0.0647	0.4876	-0.0851	8.94E-4	-8.64E-5	-9.15E-5
	CC16	-0.0608	0.5370	-0.1019	9.86E-4	9.39E-5	-9.73E-6
	CC17	-0.0705	0.5380	-0.1023	9.92E-4	1.06E-4	1.55E-5
	CC18	0.0714	-0.5607	-0.1103	-1.03E-3	-1.14E-4	-1.02E-5
	CC19	0.0616	-0.5597	-0.1106	-1.03E-3	-1.01E-4	1.51E-5
	CC20	-0.0638	-0.5103	-0.1275	-9.36E-4	7.93E-5	9.68E-5
	CC21	-0.0736	-0.5093	-0.1278	-9.30E-4	9.17E-5	1.22E-4

458	CC1	0.0016	-0.0221	-0.1135	-5.44E-5	-4.84E-6	2.71E-6
	CC2	0.0016	-0.0221	-0.1135	-5.44E-5	-4.84E-6	2.71E-6
	CC3	0.0016	-0.0221	-0.1135	-5.44E-5	-4.84E-6	2.71E-6
	CC4	0.0017	-0.0207	-0.1094	-5.16E-5	-4.58E-6	2.14E-6
	CC5	0.0017	-0.0207	-0.1094	-5.16E-5	-4.58E-6	2.14E-6
	CC6	0.3104	0.0998	-0.0945	-6.81E-6	-2.61E-4	-2.68E-4
	CC7	0.3061	0.0996	-0.0943	-6.57E-6	-2.58E-4	-2.56E-4
	CC8	0.3111	-0.3260	-0.1026	-1.94E-4	-2.54E-4	-2.27E-4
	CC9	0.3068	-0.3262	-0.1024	-1.93E-4	-2.51E-4	-2.15E-4
	CC10	-0.3034	0.2858	-0.1136	9.21E-5	2.42E-4	2.19E-4
	CC11	-0.3077	0.2856	-0.1134	9.24E-5	2.45E-4	2.31E-4
	CC12	-0.3027	-0.1400	-0.1217	-9.47E-5	2.49E-4	2.60E-4
	CC13	-0.3070	-0.1402	-0.1216	-9.44E-5	2.52E-4	2.71E-4
	CC14	0.0990	0.6618	-0.0919	2.46E-4	-9.72E-5	-1.56E-4
	CC15	0.0860	0.6612	-0.0913	2.46E-4	-8.71E-5	-1.22E-4
	CC16	-0.0851	0.7176	-0.0976	2.75E-4	5.39E-5	-1.01E-5
	CC17	-0.0981	0.7170	-0.0970	2.76E-4	6.39E-5	2.43E-5
	CC18	0.1015	-0.7575	-0.1190	-3.77E-4	-7.29E-5	-2.04E-5
	CC19	0.0885	-0.7581	-0.1184	-3.76E-4	-6.28E-5	1.40E-5
	CC20	-0.0826	-0.7017	-0.1247	-3.47E-4	7.81E-5	1.26E-4
	CC21	-0.0956	-0.7023	-0.1242	-3.47E-4	8.82E-5	1.60E-4
459	CC1	0.0018	-0.0223	-0.1140	-5.02E-5	-6.77E-6	1.36E-6
	CC2	0.0018	-0.0223	-0.1140	-5.02E-5	-6.77E-6	1.36E-6
	CC3	0.0018	-0.0223	-0.1140	-5.02E-5	-6.77E-6	1.36E-6
	CC4	0.0019	-0.0208	-0.1098	-4.76E-5	-6.48E-6	6.66E-7
	CC5	0.0019	-0.0208	-0.1098	-4.76E-5	-6.48E-6	6.66E-7
	CC6	0.3105	0.1241	-0.1245	6.60E-6	-2.62E-4	-2.69E-4
	CC7	0.3062	0.1229	-0.1240	6.73E-6	-2.59E-4	-2.58E-4
	CC8	0.3113	-0.3054	-0.1321	-2.05E-4	-2.58E-4	-2.28E-4
	CC9	0.3070	-0.3066	-0.1316	-2.05E-4	-2.55E-4	-2.17E-4
	CC10	-0.3032	0.2660	-0.0853	1.11E-4	2.42E-4	2.18E-4
	CC11	-0.3074	0.2647	-0.0848	1.11E-4	2.45E-4	2.29E-4
	CC12	-0.3024	-0.1635	-0.0929	-1.00E-4	2.46E-4	2.59E-4
	CC13	-0.3067	-0.1648	-0.0924	-1.00E-4	2.49E-4	2.70E-4
	CC14	0.0992	0.6761	-0.1025	2.90E-4	-9.37E-5	-1.58E-4
	CC15	0.0862	0.6723	-0.1010	2.90E-4	-8.35E-5	-1.23E-4
	CC16	-0.0849	0.7186	-0.0907	3.21E-4	5.74E-5	-1.16E-5
	CC17	-0.0979	0.7149	-0.0893	3.22E-4	6.76E-5	2.27E-5
	CC18	0.1017	-0.7556	-0.1277	-4.15E-4	-8.03E-5	-2.19E-5
	CC19	0.0887	-0.7593	-0.1262	-4.15E-4	-7.01E-5	1.24E-5
	CC20	-0.0824	-0.7130	-0.1159	-3.84E-4	7.08E-5	1.24E-4
	CC21	-0.0954	-0.7167	-0.1144	-3.84E-4	8.10E-5	1.59E-4
460	CC1	0.0021	-0.0224	-0.1149	-4.75E-5	-1.65E-5	8.65E-7
	CC2	0.0021	-0.0224	-0.1149	-4.75E-5	-1.65E-5	8.65E-7
	CC3	0.0021	-0.0224	-0.1149	-4.75E-5	-1.65E-5	8.65E-7
	CC4	0.0021	-0.0208	-0.1107	-4.51E-5	-1.57E-5	2.21E-7
	CC5	0.0021	-0.0208	-0.1107	-4.51E-5	-1.57E-5	2.21E-7
	CC6	0.3106	0.1485	-0.1479	1.03E-5	-2.58E-4	-2.69E-4
	CC7	0.3064	0.1463	-0.1471	1.03E-5	-2.54E-4	-2.58E-4
	CC8	0.3114	-0.2847	-0.1552	-2.08E-4	-2.59E-4	-2.29E-4
	CC9	0.3072	-0.2869	-0.1544	-2.08E-4	-2.56E-4	-2.17E-4
	CC10	-0.3029	0.2462	-0.0643	1.20E-4	2.25E-4	2.17E-4
	CC11	-0.3072	0.2440	-0.0635	1.20E-4	2.29E-4	2.29E-4
	CC12	-0.3021	-0.1869	-0.0716	-9.90E-5	2.24E-4	2.58E-4
	CC13	-0.3064	-0.1892	-0.0708	-9.90E-5	2.27E-4	2.69E-4
	CC14	0.0993	0.6904	-0.1109	3.03E-4	-8.99E-5	-1.58E-4
	CC15	0.0864	0.6836	-0.1085	3.03E-4	-8.01E-5	-1.24E-4
	CC16	-0.0847	0.7197	-0.0858	3.36E-4	5.50E-5	-1.20E-5
	CC17	-0.0977	0.7129	-0.0834	3.36E-4	6.48E-5	2.23E-5
	CC18	0.1020	-0.7536	-0.1352	-4.25E-4	-9.57E-5	-2.23E-5
	CC19	0.0890	-0.7604	-0.1328	-4.25E-4	-8.59E-5	1.20E-5
	CC20	-0.0821	-0.7242	-0.1101	-3.92E-4	4.92E-5	1.24E-4
	CC21	-0.0951	-0.7311	-0.1077	-3.92E-4	5.90E-5	1.58E-4
461	CC1	0.0004	-0.0188	-0.1164	-3.70E-5	-4.19E-6	1.13E-6
	CC2	0.0004	-0.0188	-0.1164	-3.70E-5	-4.19E-6	1.13E-6
	CC3	0.0004	-0.0188	-0.1164	-3.70E-5	-4.19E-6	1.13E-6
	CC4	0.0005	-0.0175	-0.1121	-3.48E-5	-4.21E-6	6.97E-7
	CC5	0.0005	-0.0175	-0.1121	-3.48E-5	-4.21E-6	6.97E-7
	CC6	0.2851	0.1656	-0.1702	1.16E-4	-3.31E-4	-2.47E-4
	CC7	0.2812	0.1624	-0.1692	1.15E-4	-3.27E-4	-2.37E-4
	CC8	0.2858	-0.2448	-0.1772	-2.70E-4	-3.35E-4	-2.09E-4
	CC9	0.2819	-0.2480	-0.1761	-2.72E-4	-3.31E-4	-1.98E-4

	CC10	-0.2807	0.2140	-0.0453	2.04E-4	3.23E-4	1.99E-4
	CC11	-0.2847	0.2108	-0.0442	2.02E-4	3.27E-4	2.10E-4
	CC12	-0.2800	-0.1964	-0.0523	-1.83E-4	3.18E-4	2.38E-4
	CC13	-0.2840	-0.1996	-0.0512	-1.85E-4	3.23E-4	2.49E-4
	CC14	0.0902	0.6646	-0.1195	6.00E-4	-1.02E-4	-1.47E-4
	CC15	0.0782	0.6549	-0.1162	5.95E-4	-8.90E-5	-1.15E-4
	CC16	-0.0795	0.6791	-0.0820	6.26E-4	9.44E-5	-1.29E-5
	CC17	-0.0915	0.6694	-0.0787	6.21E-4	1.07E-4	1.87E-5
	CC18	0.0927	-0.7034	-0.1427	-6.90E-4	-1.16E-4	-1.76E-5
	CC19	0.0807	-0.7131	-0.1395	-6.94E-4	-1.03E-4	1.40E-5
	CC20	-0.0771	-0.6889	-0.1052	-6.63E-4	8.06E-5	1.16E-4
	CC21	-0.0891	-0.6986	-0.1020	-6.68E-4	9.33E-5	1.48E-4
462	CC1	0.0006	-0.0158	-0.1154	-3.19E-5	4.95E-6	3.38E-7
	CC2	0.0006	-0.0158	-0.1154	-3.19E-5	4.95E-6	3.38E-7
	CC3	0.0006	-0.0158	-0.1154	-3.19E-5	4.95E-6	3.38E-7
	CC4	0.0007	-0.0146	-0.1112	-2.96E-5	4.41E-6	-3.55E-8
	CC5	0.0007	-0.0146	-0.1112	-2.96E-5	4.41E-6	-3.55E-8
	CC6	0.2556	0.1516	-0.1694	1.88E-4	-3.49E-4	-2.24E-4
	CC7	0.2520	0.1486	-0.1684	1.85E-4	-3.45E-4	-2.14E-4
	CC8	0.2564	-0.2191	-0.1762	-3.25E-4	-3.54E-4	-1.89E-4
	CC9	0.2528	-0.2221	-0.1752	-3.27E-4	-3.50E-4	-1.79E-4
	CC10	-0.2515	0.1937	-0.0444	2.70E-4	3.58E-4	1.79E-4
	CC11	-0.2551	0.1906	-0.0433	2.67E-4	3.63E-4	1.89E-4
	CC12	-0.2507	-0.1771	-0.0512	-2.43E-4	3.53E-4	2.14E-4
	CC13	-0.2542	-0.1801	-0.0501	-2.46E-4	3.58E-4	2.24E-4
	CC14	0.0808	0.6020	-0.1188	8.17E-4	-1.00E-4	-1.33E-4
	CC15	0.0700	0.5928	-0.1156	8.09E-4	-8.65E-5	-1.05E-4
	CC16	-0.0713	0.6146	-0.0813	8.41E-4	1.12E-4	-1.24E-5
	CC17	-0.0822	0.6054	-0.0781	8.34E-4	1.26E-4	1.61E-5
	CC18	0.0835	-0.6339	-0.1415	-8.91E-4	-1.17E-4	-1.65E-5
	CC19	0.0727	-0.6431	-0.1382	-8.99E-4	-1.04E-4	1.21E-5
	CC20	-0.0686	-0.6213	-0.1039	-8.67E-4	9.50E-5	1.04E-4
	CC21	-0.0794	-0.6304	-0.1007	-8.75E-4	1.09E-4	1.33E-4
463	CC1	0.0009	-0.0131	-0.1145	-3.11E-5	1.01E-6	-6.86E-7
	CC2	0.0009	-0.0131	-0.1145	-3.11E-5	1.01E-6	-6.86E-7
	CC3	0.0009	-0.0131	-0.1145	-3.11E-5	1.01E-6	-6.86E-7
	CC4	0.0009	-0.0121	-0.1103	-2.87E-5	7.64E-7	-9.57E-7
	CC5	0.0009	-0.0121	-0.1103	-2.87E-5	7.64E-7	-9.57E-7
	CC6	0.2274	0.1342	-0.1676	2.23E-4	-3.35E-4	-1.99E-4
	CC7	0.2243	0.1314	-0.1665	2.20E-4	-3.31E-4	-1.91E-4
	CC8	0.2264	-0.1905	-0.1742	-3.51E-4	-3.40E-4	-1.68E-4
	CC9	0.2233	-0.1933	-0.1731	-3.54E-4	-3.36E-4	-1.59E-4
	CC10	-0.2213	0.1697	-0.0447	2.98E-4	3.37E-4	1.57E-4
	CC11	-0.2245	0.1670	-0.0436	2.95E-4	3.41E-4	1.65E-4
	CC12	-0.2223	-0.1550	-0.0513	-2.76E-4	3.32E-4	1.89E-4
	CC13	-0.2255	-0.1577	-0.0502	-2.79E-4	3.36E-4	1.97E-4
	CC14	0.0748	0.5283	-0.1179	9.23E-4	-9.81E-5	-1.20E-4
	CC15	0.0651	0.5199	-0.1147	9.12E-4	-8.51E-5	-9.44E-5
	CC16	-0.0599	0.5389	-0.0810	9.45E-4	1.04E-4	-1.28E-5
	CC17	-0.0695	0.5305	-0.0778	9.35E-4	1.17E-4	1.25E-5
	CC18	0.0714	-0.5541	-0.1400	-9.90E-4	-1.15E-4	-1.46E-5
	CC19	0.0618	-0.5625	-0.1368	-1.00E-3	-1.02E-4	1.07E-5
	CC20	-0.0632	-0.5434	-0.1031	-9.68E-4	8.65E-5	9.23E-5
	CC21	-0.0728	-0.5518	-0.0999	-9.79E-4	9.95E-5	1.18E-4
464	CC1	0.0038	-0.0217	-0.1009	9.63E-7	-1.03E-5	9.98E-6
	CC2	0.0038	-0.0217	-0.1009	9.63E-7	-1.03E-5	9.98E-6
	CC3	0.0038	-0.0217	-0.1009	9.63E-7	-1.03E-5	9.98E-6
	CC4	0.0037	-0.0203	-0.0978	9.14E-7	-9.83E-6	8.81E-6
	CC5	0.0037	-0.0203	-0.0978	9.14E-7	-9.83E-6	8.81E-6
	CC6	0.2727	0.0736	-0.0400	2.33E-5	-2.50E-4	-2.61E-4
	CC7	0.2725	0.0745	-0.0393	2.33E-5	-2.50E-4	-2.50E-4
	CC8	0.2883	-0.3482	-0.0659	1.99E-5	-2.13E-4	-2.20E-4
	CC9	0.2882	-0.3473	-0.0653	1.99E-5	-2.14E-4	-2.09E-4
	CC10	-0.2809	0.3075	-0.1283	-1.81E-5	1.95E-4	2.26E-4
	CC11	-0.2810	0.3084	-0.1276	-1.81E-5	1.94E-4	2.37E-4
	CC12	-0.2652	-0.1143	-0.1542	-2.15E-5	2.31E-4	2.67E-4
	CC13	-0.2653	-0.1134	-0.1535	-2.15E-5	2.31E-4	2.78E-4
	CC14	0.0608	0.6466	-0.0414	1.27E-5	-1.36E-4	-1.50E-4
	CC15	0.0604	0.6494	-0.0393	1.29E-5	-1.38E-4	-1.15E-4
	CC16	-0.1053	0.7168	-0.0678	2.78E-7	-2.98E-6	-3.60E-6
	CC17	-0.1057	0.7195	-0.0658	4.47E-7	-4.81E-6	3.07E-5
	CC18	0.1130	-0.7594	-0.1278	1.35E-6	-1.45E-5	-1.39E-5

	CC19	0.1127	-0.7566	-0.1257	1.52E-6	-1.63E-5	2.04E-5
	CC20	-0.0530	-0.6892	-0.1543	-1.11E-5	1.19E-4	1.32E-4
	CC21	-0.0534	-0.6865	-0.1522	-1.09E-5	1.17E-4	1.66E-4
465	CC1	0.0047	-0.0214	-0.0980	1.03E-6	-1.11E-5	1.38E-5
	CC2	0.0047	-0.0214	-0.0980	1.03E-6	-1.11E-5	1.38E-5
	CC3	0.0047	-0.0214	-0.0980	1.03E-6	-1.11E-5	1.38E-5
	CC4	0.0045	-0.0201	-0.0951	9.68E-7	-1.04E-5	1.21E-5
	CC5	0.0045	-0.0201	-0.0951	9.68E-7	-1.04E-5	1.21E-5
	CC6	0.2660	0.0719	-0.0472	2.53E-5	-2.72E-4	-2.58E-4
	CC7	0.2668	0.0728	-0.0465	2.55E-5	-2.74E-4	-2.47E-4
	CC8	0.2850	-0.3496	-0.0396	2.14E-5	-2.30E-4	-2.17E-4
	CC9	0.2858	-0.3487	-0.0390	2.15E-5	-2.31E-4	-2.06E-4
	CC10	-0.2768	0.3093	-0.1493	-1.96E-5	2.11E-4	2.29E-4
	CC11	-0.2760	0.3103	-0.1487	-1.95E-5	2.09E-4	2.40E-4
	CC12	-0.2578	-0.1122	-0.1418	-2.36E-5	2.54E-4	2.70E-4
	CC13	-0.2570	-0.1112	-0.1412	-2.35E-5	2.52E-4	2.81E-4
	CC14	0.0531	0.6457	-0.0923	1.41E-5	-1.51E-4	-1.47E-4
	CC15	0.0555	0.6487	-0.0905	1.46E-5	-1.56E-4	-1.12E-4
	CC16	-0.1098	0.7170	-0.1230	5.89E-7	-6.32E-6	-5.34E-7
	CC17	-0.1074	0.7200	-0.1211	1.07E-6	-1.15E-5	3.38E-5
	CC18	0.1163	-0.7593	-0.0672	8.18E-7	-8.81E-6	-1.08E-5
	CC19	0.1187	-0.7563	-0.0653	1.30E-6	-1.40E-5	2.35E-5
	CC20	-0.0465	-0.6880	-0.0979	-1.27E-5	1.36E-4	1.35E-4
	CC21	-0.0441	-0.6850	-0.0960	-1.22E-5	1.31E-4	1.70E-4
466	CC1	0.0059	-0.0211	-0.0954	1.23E-6	-1.32E-5	1.48E-5
	CC2	0.0059	-0.0211	-0.0954	1.23E-6	-1.32E-5	1.48E-5
	CC3	0.0059	-0.0211	-0.0954	1.23E-6	-1.32E-5	1.48E-5
	CC4	0.0055	-0.0199	-0.0927	1.13E-6	-1.22E-5	1.29E-5
	CC5	0.0055	-0.0199	-0.0927	1.13E-6	-1.22E-5	1.29E-5
	CC6	0.2600	0.0700	-0.0534	2.83E-5	-3.04E-4	-2.57E-4
	CC7	0.2617	0.0711	-0.0528	2.85E-5	-3.07E-4	-2.46E-4
	CC8	0.2823	-0.3511	-0.0127	2.34E-5	-2.51E-4	-2.16E-4
	CC9	0.2840	-0.3501	-0.0122	2.37E-5	-2.54E-4	-2.05E-4
	CC10	-0.2731	0.3112	-0.1713	-2.15E-5	2.31E-4	2.30E-4
	CC11	-0.2714	0.3123	-0.1708	-2.12E-5	2.28E-4	2.41E-4
	CC12	-0.2508	-0.1100	-0.1307	-2.63E-5	2.83E-4	2.70E-4
	CC13	-0.2491	-0.1089	-0.1302	-2.61E-5	2.80E-4	2.82E-4
	CC14	0.0457	0.6447	-0.1426	1.63E-5	-1.75E-4	-1.46E-4
	CC15	0.0509	0.6480	-0.1410	1.71E-5	-1.84E-4	-1.11E-4
	CC16	-0.1142	0.7171	-0.1780	1.38E-6	-1.48E-5	3.08E-7
	CC17	-0.1090	0.7203	-0.1764	2.18E-6	-2.34E-5	3.46E-5
	CC18	0.1199	-0.7592	-0.0072	2.33E-8	-2.51E-7	-9.99E-6
	CC19	0.1251	-0.7560	-0.0055	8.25E-7	-8.86E-6	2.43E-5
	CC20	-0.0400	-0.6869	-0.0426	-1.49E-5	1.60E-4	1.36E-4
	CC21	-0.0349	-0.6836	-0.0409	-1.41E-5	1.51E-4	1.70E-4
467	CC1	0.0019	-0.0188	-0.1037	-3.37E-5	-1.18E-5	5.43E-6
	CC2	0.0019	-0.0188	-0.1037	-3.37E-5	-1.18E-5	5.43E-6
	CC3	0.0019	-0.0188	-0.1037	-3.37E-5	-1.18E-5	5.43E-6
	CC4	0.0020	-0.0176	-0.1005	-3.16E-5	-1.14E-5	5.04E-6
	CC5	0.0020	-0.0176	-0.1005	-3.16E-5	-1.14E-5	5.04E-6
	CC6	0.2588	0.0704	-0.0301	6.93E-5	-2.88E-4	-2.41E-4
	CC7	0.2578	0.0711	-0.0294	7.14E-5	-2.87E-4	-2.31E-4
	CC8	0.2708	-0.3170	-0.0877	-4.04E-4	-2.96E-4	-2.03E-4
	CC9	0.2698	-0.3163	-0.0870	-4.02E-4	-2.95E-4	-1.92E-4
	CC10	-0.2658	0.2818	-0.1119	3.41E-4	2.73E-4	2.02E-4
	CC11	-0.2668	0.2825	-0.1112	3.43E-4	2.73E-4	2.12E-4
	CC12	-0.2538	-0.1056	-0.1695	-1.33E-4	2.65E-4	2.40E-4
	CC13	-0.2548	-0.1049	-0.1687	-1.31E-4	2.65E-4	2.51E-4
	CC14	0.0622	0.5956	0.0076	7.15E-4	-8.32E-5	-1.41E-4
	CC15	0.0592	0.5977	0.0099	7.21E-4	-8.15E-5	-1.10E-4
	CC16	-0.0952	0.6590	-0.0169	7.96E-4	8.49E-5	-8.06E-6
	CC17	-0.0981	0.6611	-0.0147	8.03E-4	8.66E-5	2.31E-5
	CC18	0.1022	-0.6956	-0.1842	-8.64E-4	-1.09E-4	-1.33E-5
	CC19	0.0992	-0.6935	-0.1820	-8.58E-4	-1.07E-4	1.79E-5
	CC20	-0.0552	-0.6322	-0.2087	-7.83E-4	5.90E-5	1.20E-4
	CC21	-0.0582	-0.6301	-0.2065	-7.77E-4	6.07E-5	1.51E-4
468	CC1	0.0011	-0.0159	-0.1032	-3.15E-5	-7.91E-6	5.20E-6
	CC2	0.0011	-0.0159	-0.1032	-3.15E-5	-7.91E-6	5.20E-6
	CC3	0.0011	-0.0159	-0.1032	-3.15E-5	-7.91E-6	5.20E-6
	CC4	0.0012	-0.0149	-0.1000	-2.96E-5	-7.86E-6	4.84E-6
	CC5	0.0012	-0.0149	-0.1000	-2.96E-5	-7.86E-6	4.84E-6
	CC6	0.2319	0.0644	-0.0295	7.28E-5	-3.35E-4	-2.17E-4

	CC7	0.2310	0.0649	-0.0288	7.50E-5	-3.34E-4	-2.08E-4
	CC8	0.2434	-0.2810	-0.0876	-4.10E-4	-3.44E-4	-1.82E-4
	CC9	0.2424	-0.2805	-0.0868	-4.08E-4	-3.44E-4	-1.73E-4
	CC10	-0.2401	0.2513	-0.1110	3.50E-4	3.28E-4	1.82E-4
	CC11	-0.2410	0.2518	-0.1102	3.52E-4	3.29E-4	1.91E-4
	CC12	-0.2286	-0.0941	-0.1690	-1.33E-4	3.18E-4	2.17E-4
	CC13	-0.2295	-0.0936	-0.1682	-1.31E-4	3.19E-4	2.26E-4
	CC14	0.0543	0.5322	0.0089	7.31E-4	-9.20E-5	-1.27E-4
	CC15	0.0514	0.5338	0.0111	7.38E-4	-9.01E-5	-9.94E-5
	CC16	-0.0873	0.5883	-0.0155	8.14E-4	1.07E-4	-7.77E-6
	CC17	-0.0902	0.5898	-0.0133	8.21E-4	1.09E-4	2.02E-5
	CC18	0.0925	-0.6191	-0.1845	-8.79E-4	-1.24E-4	-1.08E-5
	CC19	0.0897	-0.6176	-0.1823	-8.72E-4	-1.22E-4	1.72E-5
	CC20	-0.0491	-0.5630	-0.2089	-7.95E-4	7.44E-5	1.09E-4
	CC21	-0.0519	-0.5615	-0.2067	-7.89E-4	7.63E-5	1.37E-4
469	CC1	0.0005	-0.0132	-0.1026	-2.99E-5	-4.24E-6	4.43E-6
	CC2	0.0005	-0.0132	-0.1026	-2.99E-5	-4.24E-6	4.43E-6
	CC3	0.0005	-0.0132	-0.1026	-2.99E-5	-4.24E-6	4.43E-6
	CC4	0.0006	-0.0124	-0.0994	-2.82E-5	-4.29E-6	4.15E-6
	CC5	0.0006	-0.0124	-0.0994	-2.82E-5	-4.29E-6	4.15E-6
	CC6	0.2038	0.0587	-0.0298	7.40E-5	-3.19E-4	-1.93E-4
	CC7	0.2030	0.0590	-0.0291	7.58E-5	-3.18E-4	-1.85E-4
	CC8	0.2145	-0.2471	-0.0875	-3.93E-4	-3.36E-4	-1.61E-4
	CC9	0.2136	-0.2467	-0.0868	-3.91E-4	-3.36E-4	-1.53E-4
	CC10	-0.2123	0.2225	-0.1099	3.36E-4	3.27E-4	1.61E-4
	CC11	-0.2132	0.2228	-0.1092	3.38E-4	3.28E-4	1.69E-4
	CC12	-0.2017	-0.0833	-0.1676	-1.31E-4	3.10E-4	1.93E-4
	CC13	-0.2025	-0.0829	-0.1669	-1.29E-4	3.11E-4	2.01E-4
	CC14	0.0466	0.4724	0.0087	7.08E-4	-7.38E-5	-1.14E-4
	CC15	0.0440	0.4734	0.0109	7.14E-4	-7.13E-5	-8.90E-5
	CC16	-0.0782	0.5215	-0.0153	7.87E-4	1.20E-4	-7.75E-6
	CC17	-0.0809	0.5225	-0.0132	7.92E-4	1.23E-4	1.72E-5
	CC18	0.0822	-0.5468	-0.1835	-8.48E-4	-1.31E-4	-9.10E-6
	CC19	0.0795	-0.5458	-0.1813	-8.42E-4	-1.29E-4	1.59E-5
	CC20	-0.0427	-0.4976	-0.2075	-7.69E-4	6.27E-5	9.71E-5
	CC21	-0.0453	-0.4966	-0.2054	-7.64E-4	6.52E-5	1.22E-4
470	CC1	0.0054	-0.0183	-0.0929	-3.11E-5	-1.75E-5	1.04E-5
	CC2	0.0054	-0.0183	-0.0929	-3.11E-5	-1.75E-5	1.04E-5
	CC3	0.0054	-0.0183	-0.0929	-3.11E-5	-1.75E-5	1.04E-5
	CC4	0.0051	-0.0172	-0.0902	-2.94E-5	-1.60E-5	9.08E-6
	CC5	0.0051	-0.0172	-0.0902	-2.94E-5	-1.60E-5	9.08E-6
	CC6	0.2269	0.0629	-0.0591	6.11E-5	-3.12E-4	-2.35E-4
	CC7	0.2292	0.0638	-0.0586	6.33E-5	-3.16E-4	-2.25E-4
	CC8	0.2541	-0.3184	0.0148	-3.87E-4	-3.00E-4	-1.79E-4
	CC9	0.2564	-0.3174	0.0153	-3.85E-4	-3.04E-4	-1.68E-4
	CC10	-0.2465	0.2838	-0.1940	3.27E-4	2.73E-4	1.86E-4
	CC11	-0.2442	0.2847	-0.1936	3.29E-4	2.69E-4	1.96E-4
	CC12	-0.2193	-0.0975	-0.1201	-1.21E-4	2.85E-4	2.43E-4
	CC13	-0.2170	-0.0965	-0.1197	-1.19E-4	2.81E-4	2.53E-4
	CC14	0.0272	0.5840	-0.1930	6.75E-4	-1.18E-4	-1.65E-4
	CC15	0.0342	0.5869	-0.1916	6.81E-4	-1.29E-4	-1.34E-4
	CC16	-0.1148	0.6503	-0.2335	7.54E-4	5.71E-5	-3.86E-5
	CC17	-0.1078	0.6532	-0.2320	7.61E-4	4.66E-5	-7.60E-6
	CC18	0.1177	-0.6868	0.0533	-8.19E-4	-7.77E-5	2.49E-5
	CC19	0.1247	-0.6839	0.0547	-8.12E-4	-8.82E-5	5.59E-5
	CC20	-0.0243	-0.6205	0.0128	-7.39E-4	9.78E-5	1.51E-4
	CC21	-0.0173	-0.6176	0.0143	-7.32E-4	8.73E-5	1.82E-4
471	CC1	0.0039	-0.0155	-0.0928	-3.16E-5	-1.55E-5	8.22E-6
	CC2	0.0039	-0.0155	-0.0928	-3.16E-5	-1.55E-5	8.22E-6
	CC3	0.0039	-0.0155	-0.0928	-3.16E-5	-1.55E-5	8.22E-6
	CC4	0.0037	-0.0146	-0.0902	-2.98E-5	-1.42E-5	7.20E-6
	CC5	0.0037	-0.0146	-0.0902	-2.98E-5	-1.42E-5	7.20E-6
	CC6	0.2009	0.0579	-0.0589	6.56E-5	-2.98E-4	-2.15E-4
	CC7	0.2029	0.0586	-0.0584	6.76E-5	-3.01E-4	-2.06E-4
	CC8	0.2283	-0.2840	0.0150	-3.95E-4	-3.05E-4	-1.48E-4
	CC9	0.2303	-0.2832	0.0155	-3.93E-4	-3.08E-4	-1.39E-4
	CC10	-0.2230	0.2547	-0.1940	3.35E-4	2.80E-4	1.52E-4
	CC11	-0.2211	0.2555	-0.1936	3.37E-4	2.77E-4	1.62E-4
	CC12	-0.1956	-0.0872	-0.1202	-1.26E-4	2.73E-4	2.20E-4
	CC13	-0.1937	-0.0864	-0.1197	-1.24E-4	2.70E-4	2.29E-4
	CC14	0.0185	0.5248	-0.1928	6.95E-4	-8.40E-5	-1.75E-4
	CC15	0.0246	0.5272	-0.1913	7.01E-4	-9.37E-5	-1.47E-4

	CC16	-0.1086	0.5839	-0.2334	7.76E-4	8.94E-5	-6.45E-5
	CC17	-0.1026	0.5862	-0.2319	7.82E-4	7.97E-5	-3.66E-5
	CC18	0.1099	-0.6147	0.0533	-8.40E-4	-1.07E-4	5.04E-5
	CC19	0.1159	-0.6124	0.0548	-8.34E-4	-1.17E-4	7.82E-5
	CC20	-0.0173	-0.5557	0.0127	-7.60E-4	6.62E-5	1.61E-4
	CC21	-0.0113	-0.5534	0.0142	-7.54E-4	5.65E-5	1.89E-4
472	CC1	0.0026	-0.0128	-0.0927	-3.00E-5	-1.26E-5	5.84E-6
	CC2	0.0026	-0.0128	-0.0927	-3.00E-5	-1.26E-5	5.84E-6
	CC3	0.0026	-0.0128	-0.0927	-3.00E-5	-1.26E-5	5.84E-6
	CC4	0.0026	-0.0120	-0.0901	-2.82E-5	-1.15E-5	5.12E-6
	CC5	0.0026	-0.0120	-0.0901	-2.82E-5	-1.15E-5	5.12E-6
	CC6	0.1793	0.0530	-0.0586	6.24E-5	-2.10E-4	-1.97E-4
	CC7	0.1810	0.0536	-0.0580	6.45E-5	-2.12E-4	-1.88E-4
	CC8	0.2037	-0.2506	0.0148	-3.84E-4	-2.82E-4	-1.30E-4
	CC9	0.2054	-0.2500	0.0154	-3.82E-4	-2.84E-4	-1.22E-4
	CC10	-0.2004	0.2265	-0.1938	3.27E-4	2.62E-4	1.31E-4
	CC11	-0.1986	0.2271	-0.1933	3.29E-4	2.59E-4	1.39E-4
	CC12	-0.1760	-0.0771	-0.1204	-1.20E-4	1.90E-4	1.98E-4
	CC13	-0.1742	-0.0765	-0.1199	-1.18E-4	1.88E-4	2.06E-4
	CC14	0.0162	0.4673	-0.1921	6.74E-4	4.10E-5	-1.68E-4
	CC15	0.0214	0.4691	-0.1905	6.80E-4	3.40E-5	-1.43E-4
	CC16	-0.0977	0.5194	-0.2326	7.53E-4	1.83E-4	-6.98E-5
	CC17	-0.0925	0.5211	-0.2310	7.60E-4	1.76E-4	-4.49E-5
	CC18	0.0975	-0.5447	0.0526	-8.15E-4	-1.98E-4	5.47E-5
	CC19	0.1028	-0.5429	0.0542	-8.08E-4	-2.05E-4	7.95E-5
	CC20	-0.0164	-0.4926	0.0120	-7.36E-4	-5.63E-5	1.53E-4
	CC21	-0.0111	-0.4909	0.0136	-7.29E-4	-6.32E-5	1.78E-4
473	CC1	0.0060	-0.0219	-0.1004	-4.71E-5	-2.61E-6	4.99E-6
	CC2	0.0060	-0.0219	-0.1004	-4.71E-5	-2.61E-6	4.99E-6
	CC3	0.0060	-0.0219	-0.1004	-4.71E-5	-2.61E-6	4.99E-6
	CC4	0.0061	-0.0201	-0.0976	-4.35E-5	-2.41E-6	3.86E-6
	CC5	0.0061	-0.0201	-0.0976	-4.35E-5	-2.41E-6	3.86E-6
	CC6	0.2532	0.2374	-0.1345	1.53E-4	8.47E-6	-2.66E-4
	CC7	0.2560	0.2315	-0.1344	1.49E-4	8.27E-6	-2.55E-4
	CC8	0.2793	-0.2089	-0.1067	-2.07E-4	-1.15E-5	-2.25E-4
	CC9	0.2821	-0.2148	-0.1066	-2.10E-4	-1.17E-5	-2.14E-4
	CC10	-0.2698	0.1759	-0.0866	1.26E-4	6.98E-6	2.21E-4
	CC11	-0.2670	0.1700	-0.0866	1.22E-4	6.78E-6	2.32E-4
	CC12	-0.2437	-0.2704	-0.0589	-2.34E-4	-1.30E-5	2.62E-4
	CC13	-0.2409	-0.2763	-0.0588	-2.37E-4	-1.32E-5	2.73E-4
	CC14	0.0368	0.7425	-0.1503	5.66E-4	3.14E-5	-1.55E-4
	CC15	0.0452	0.7246	-0.1500	5.55E-4	3.08E-5	-1.20E-4
	CC16	-0.1201	0.7240	-0.1359	5.58E-4	3.10E-5	-8.54E-6
	CC17	-0.1117	0.7062	-0.1356	5.47E-4	3.04E-5	2.58E-5
	CC18	0.1240	-0.7451	-0.0576	-6.31E-4	-3.51E-5	-1.88E-5
	CC19	0.1324	-0.7630	-0.0574	-6.42E-4	-3.57E-5	1.55E-5
	CC20	-0.0329	-0.7635	-0.0433	-6.40E-4	-3.55E-5	1.27E-4
	CC21	-0.0245	-0.7814	-0.0430	-6.51E-4	-3.61E-5	1.62E-4
474	CC1	0.0059	-0.0217	-0.0991	-4.46E-5	-2.47E-6	-1.37E-6
	CC2	0.0059	-0.0217	-0.0991	-4.46E-5	-2.47E-6	-1.37E-6
	CC3	0.0059	-0.0217	-0.0991	-4.46E-5	-2.47E-6	-1.37E-6
	CC4	0.0060	-0.0200	-0.0962	-4.13E-5	-2.29E-6	-2.54E-6
	CC5	0.0060	-0.0200	-0.0962	-4.13E-5	-2.29E-6	-2.54E-6
	CC6	0.2534	0.1951	-0.1162	1.24E-4	6.89E-6	-2.72E-4
	CC7	0.2562	0.1903	-0.1160	1.21E-4	6.70E-6	-2.61E-4
	CC8	0.2794	-0.2475	-0.0881	-2.64E-4	-1.47E-5	-2.32E-4
	CC9	0.2821	-0.2523	-0.0879	-2.68E-4	-1.49E-5	-2.20E-4
	CC10	-0.2701	0.2136	-0.1027	1.87E-4	1.04E-5	2.14E-4
	CC11	-0.2673	0.2087	-0.1024	1.84E-4	1.02E-5	2.26E-4
	CC12	-0.2441	-0.2291	-0.0746	-2.01E-4	-1.12E-5	2.55E-4
	CC13	-0.2414	-0.2339	-0.0744	-2.05E-4	-1.14E-5	2.67E-4
	CC14	0.0372	0.7229	-0.1445	6.03E-4	3.35E-5	-1.61E-4
	CC15	0.0454	0.7081	-0.1437	5.92E-4	3.29E-5	-1.27E-4
	CC16	-0.1199	0.7284	-0.1404	6.22E-4	3.45E-5	-1.49E-5
	CC17	-0.1116	0.7137	-0.1397	6.11E-4	3.39E-5	1.94E-5
	CC18	0.1237	-0.7524	-0.0509	-6.92E-4	-3.84E-5	-2.52E-5
	CC19	0.1319	-0.7672	-0.0502	-7.02E-4	-3.90E-5	9.09E-6
	CC20	-0.0334	-0.7469	-0.0469	-6.73E-4	-3.73E-5	1.21E-4
	CC21	-0.0251	-0.7617	-0.0461	-6.83E-4	-3.79E-5	1.55E-4
475	CC1	0.0057	-0.0221	-0.0981	-4.78E-5	-2.65E-6	-9.52E-6
	CC2	0.0057	-0.0221	-0.0981	-4.78E-5	-2.65E-6	-9.52E-6
	CC3	0.0057	-0.0221	-0.0981	-4.78E-5	-2.65E-6	-9.52E-6

	CC4	0.0058	-0.0205	-0.0952	-4.49E-5	-2.49E-6	-1.02E-5
	CC5	0.0058	-0.0205	-0.0952	-4.49E-5	-2.49E-6	-1.02E-5
	CC6	0.2537	0.1868	-0.0952	1.03E-4	5.72E-6	-2.80E-4
	CC7	0.2563	0.1830	-0.0948	1.00E-4	5.56E-6	-2.69E-4
	CC8	0.2794	-0.2521	-0.0667	-2.95E-4	-1.64E-5	-2.39E-4
	CC9	0.2821	-0.2560	-0.0663	-2.98E-4	-1.66E-5	-2.28E-4
	CC10	-0.2703	0.2161	-0.1222	2.10E-4	1.17E-5	2.07E-4
	CC11	-0.2677	0.2122	-0.1218	2.07E-4	1.15E-5	2.18E-4
	CC12	-0.2446	-0.2229	-0.0937	-1.88E-4	-1.04E-5	2.48E-4
	CC13	-0.2419	-0.2267	-0.0933	-1.91E-4	-1.06E-5	2.59E-4
	CC14	0.0375	0.7131	-0.1383	6.08E-4	3.38E-5	-1.69E-4
	CC15	0.0456	0.7014	-0.1371	6.00E-4	3.33E-5	-1.34E-4
	CC16	-0.1197	0.7218	-0.1464	6.40E-4	3.55E-5	-2.25E-5
	CC17	-0.1116	0.7101	-0.1452	6.32E-4	3.51E-5	1.19E-5
	CC18	0.1233	-0.7500	-0.0433	-7.20E-4	-3.99E-5	-3.28E-5
	CC19	0.1314	-0.7617	-0.0421	-7.28E-4	-4.04E-5	1.57E-6
	CC20	-0.0339	-0.7413	-0.0514	-6.87E-4	-3.82E-5	1.13E-4
	CC21	-0.0258	-0.7530	-0.0502	-6.96E-4	-3.86E-5	1.48E-4
476	CC1	0.0045	-0.0177	-0.1017	-3.95E-5	-9.74E-6	1.87E-6
	CC2	0.0045	-0.0177	-0.1017	-3.95E-5	-9.74E-6	1.87E-6
	CC3	0.0045	-0.0177	-0.1017	-3.95E-5	-9.74E-6	1.87E-6
	CC4	0.0046	-0.0161	-0.0990	-3.60E-5	-1.01E-5	1.70E-6
	CC5	0.0046	-0.0161	-0.0990	-3.60E-5	-1.01E-5	1.70E-6
	CC6	0.2315	0.2488	-0.1528	1.56E-4	-2.65E-4	-2.51E-4
	CC7	0.2340	0.2423	-0.1529	1.50E-4	-2.68E-4	-2.41E-4
	CC8	0.2563	-0.1719	-0.1251	-3.24E-4	-2.86E-4	-2.03E-4
	CC9	0.2588	-0.1785	-0.1252	-3.31E-4	-2.90E-4	-1.93E-4
	CC10	-0.2495	0.1472	-0.0709	2.61E-4	2.69E-4	1.96E-4
	CC11	-0.2469	0.1406	-0.0710	2.55E-4	2.66E-4	2.07E-4
	CC12	-0.2247	-0.2735	-0.0433	-2.19E-4	2.48E-4	2.44E-4
	CC13	-0.2221	-0.2801	-0.0433	-2.26E-4	2.44E-4	2.54E-4
	CC14	0.0317	0.7108	-0.1564	7.59E-4	-4.93E-5	-1.61E-4
	CC15	0.0393	0.6908	-0.1566	7.41E-4	-5.98E-5	-1.29E-4
	CC16	-0.1126	0.6803	-0.1318	7.91E-4	1.11E-4	-2.69E-5
	CC17	-0.1050	0.6603	-0.1320	7.72E-4	1.00E-4	4.94E-6
	CC18	0.1143	-0.6916	-0.0641	-8.42E-4	-1.21E-4	-1.65E-6
	CC19	0.1220	-0.7116	-0.0643	-8.61E-4	-1.31E-4	3.02E-5
	CC20	-0.0299	-0.7221	-0.0395	-8.10E-4	3.94E-5	1.33E-4
	CC21	-0.0223	-0.7421	-0.0398	-8.29E-4	2.89E-5	1.64E-4
477	CC1	0.0038	-0.0148	-0.1009	-2.86E-5	-8.00E-6	2.57E-6
	CC2	0.0038	-0.0148	-0.1009	-2.86E-5	-8.00E-6	2.57E-6
	CC3	0.0038	-0.0148	-0.1009	-2.86E-5	-8.00E-6	2.57E-6
	CC4	0.0039	-0.0136	-0.0982	-2.54E-5	-8.25E-6	2.39E-6
	CC5	0.0039	-0.0136	-0.0982	-2.54E-5	-8.25E-6	2.39E-6
	CC6	0.2080	0.2212	-0.1521	1.99E-4	-2.81E-4	-2.17E-4
	CC7	0.2102	0.2152	-0.1522	1.90E-4	-2.84E-4	-2.08E-4
	CC8	0.2308	-0.1513	-0.1245	-4.13E-4	-3.07E-4	-1.86E-4
	CC9	0.2330	-0.1572	-0.1246	-4.21E-4	-3.10E-4	-1.76E-4
	CC10	-0.2252	0.1309	-0.0699	3.73E-4	2.93E-4	1.81E-4
	CC11	-0.2230	0.1250	-0.0700	3.64E-4	2.90E-4	1.90E-4
	CC12	-0.2024	-0.2415	-0.0423	-2.39E-4	2.68E-4	2.13E-4
	CC13	-0.2002	-0.2475	-0.0424	-2.47E-4	2.64E-4	2.22E-4
	CC14	0.0275	0.6301	-0.1554	9.81E-4	-4.65E-5	-1.24E-4
	CC15	0.0343	0.6121	-0.1557	9.57E-4	-5.65E-5	-9.62E-5
	CC16	-0.1024	0.6030	-0.1308	1.03E-3	1.26E-4	-4.86E-6
	CC17	-0.0957	0.5850	-0.1310	1.01E-3	1.16E-4	2.33E-5
	CC18	0.1035	-0.6113	-0.0635	-1.06E-3	-1.32E-4	-1.87E-5
	CC19	0.1102	-0.6293	-0.0637	-1.08E-3	-1.43E-4	9.51E-6
	CC20	-0.0265	-0.6384	-0.0388	-1.01E-3	3.99E-5	1.01E-4
	CC21	-0.0198	-0.6564	-0.0390	-1.03E-3	2.98E-5	1.29E-4
478	CC1	0.0030	-0.0120	-0.1001	-3.77E-5	-8.65E-6	3.63E-6
	CC2	0.0030	-0.0120	-0.1001	-3.77E-5	-8.65E-6	3.63E-6
	CC3	0.0030	-0.0120	-0.1001	-3.77E-5	-8.65E-6	3.63E-6
	CC4	0.0031	-0.0111	-0.0973	-3.45E-5	-8.78E-6	3.47E-6
	CC5	0.0031	-0.0111	-0.0973	-3.45E-5	-8.78E-6	3.47E-6
	CC6	0.1843	0.1919	-0.1505	1.78E-4	-2.76E-4	-1.83E-4
	CC7	0.1863	0.1866	-0.1506	1.71E-4	-2.79E-4	-1.75E-4
	CC8	0.2048	-0.1302	-0.1231	-3.84E-4	-3.04E-4	-1.66E-4
	CC9	0.2068	-0.1354	-0.1231	-3.91E-4	-3.07E-4	-1.58E-4
	CC10	-0.2005	0.1140	-0.0697	3.25E-4	2.89E-4	1.65E-4
	CC11	-0.1985	0.1088	-0.0698	3.17E-4	2.86E-4	1.73E-4
	CC12	-0.1800	-0.2081	-0.0423	-2.38E-4	2.61E-4	1.82E-4

	CC13	-0.1780	-0.2133	-0.0424	-2.45E-4	2.58E-4	1.90E-4
	CC14	0.0237	0.5457	-0.1542	8.93E-4	-4.23E-5	-9.00E-5
	CC15	0.0296	0.5298	-0.1544	8.71E-4	-5.16E-5	-6.56E-5
	CC16	-0.0917	0.5223	-0.1300	9.37E-4	1.27E-4	1.45E-5
	CC17	-0.0858	0.5064	-0.1301	9.15E-4	1.18E-4	3.89E-5
	CC18	0.0921	-0.5279	-0.0627	-9.82E-4	-1.36E-4	-3.20E-5
	CC19	0.0980	-0.5438	-0.0629	-1.00E-3	-1.45E-4	-7.61E-6
	CC20	-0.0233	-0.5513	-0.0385	-9.38E-4	3.39E-5	7.25E-5
	CC21	-0.0175	-0.5671	-0.0387	-9.60E-4	2.47E-5	9.69E-5
479	CC1	0.0046	-0.0171	-0.0971	-2.37E-5	4.26E-6	1.64E-6
	CC2	0.0046	-0.0171	-0.0971	-2.37E-5	4.26E-6	1.64E-6
	CC3	0.0046	-0.0171	-0.0971	-2.37E-5	4.26E-6	1.64E-6
	CC4	0.0047	-0.0159	-0.0943	-2.21E-5	3.15E-6	1.09E-6
	CC5	0.0047	-0.0159	-0.0943	-2.21E-5	3.15E-6	1.09E-6
	CC6	0.2287	0.1532	-0.0753	1.69E-4	-1.13E-4	-2.45E-4
	CC7	0.2311	0.1505	-0.0747	1.67E-4	-1.17E-4	-2.35E-4
	CC8	0.2529	-0.2483	-0.0463	-3.12E-4	-1.75E-4	-2.14E-4
	CC9	0.2552	-0.2510	-0.0458	-3.14E-4	-1.78E-4	-2.03E-4
	CC10	-0.2458	0.2202	-0.1409	2.71E-4	1.84E-4	2.05E-4
	CC11	-0.2435	0.2175	-0.1403	2.69E-4	1.80E-4	2.16E-4
	CC12	-0.2217	-0.1814	-0.1119	-2.10E-4	1.22E-4	2.37E-4
	CC13	-0.2193	-0.1841	-0.1113	-2.12E-4	1.18E-4	2.47E-4
	CC14	0.0321	0.6478	-0.1327	7.67E-4	6.71E-5	-1.35E-4
	CC15	0.0391	0.6397	-0.1309	7.62E-4	5.57E-5	-1.04E-4
	CC16	-0.1103	0.6679	-0.1524	7.98E-4	1.56E-4	1.81E-7
	CC17	-0.1033	0.6597	-0.1506	7.92E-4	1.45E-4	3.15E-5
	CC18	0.1127	-0.6906	-0.0360	-8.35E-4	-1.39E-4	-2.97E-5
	CC19	0.1197	-0.6988	-0.0343	-8.41E-4	-1.51E-4	1.64E-6
	CC20	-0.0297	-0.6705	-0.0557	-8.05E-4	-5.02E-5	1.06E-4
	CC21	-0.0227	-0.6787	-0.0540	-8.10E-4	-6.15E-5	1.37E-4
480	CC1	0.0036	-0.0149	-0.0968	-2.69E-5	-1.54E-5	-6.76E-7
	CC2	0.0036	-0.0149	-0.0968	-2.69E-5	-1.54E-5	-6.76E-7
	CC3	0.0036	-0.0149	-0.0968	-2.69E-5	-1.54E-5	-6.76E-7
	CC4	0.0037	-0.0138	-0.0940	-2.50E-5	-1.49E-5	-1.02E-6
	CC5	0.0037	-0.0138	-0.0940	-2.50E-5	-1.49E-5	-1.02E-6
	CC6	0.2045	0.1382	-0.0767	1.74E-4	-1.60E-4	-2.25E-4
	CC7	0.2066	0.1357	-0.0761	1.72E-4	-1.64E-4	-2.16E-4
	CC8	0.2270	-0.2212	-0.0476	-3.23E-4	-1.64E-4	-1.94E-4
	CC9	0.2290	-0.2237	-0.0470	-3.25E-4	-1.67E-4	-1.84E-4
	CC10	-0.2216	0.1969	-0.1390	2.76E-4	1.38E-4	1.82E-4
	CC11	-0.2195	0.1944	-0.1384	2.74E-4	1.35E-4	1.91E-4
	CC12	-0.1991	-0.1625	-0.1099	-2.21E-4	1.34E-4	2.14E-4
	CC13	-0.1971	-0.1650	-0.1094	-2.23E-4	1.31E-4	2.23E-4
	CC14	0.0272	0.5806	-0.1330	7.91E-4	-4.84E-5	-1.29E-4
	CC15	0.0333	0.5729	-0.1313	7.86E-4	-5.82E-5	-1.00E-4
	CC16	-0.1007	0.5982	-0.1516	8.22E-4	4.11E-5	-6.58E-6
	CC17	-0.0945	0.5905	-0.1500	8.16E-4	3.13E-5	2.17E-5
	CC18	0.1019	-0.6173	-0.0361	-8.65E-4	-6.07E-5	-2.40E-5
	CC19	0.1081	-0.6250	-0.0344	-8.71E-4	-7.05E-5	4.30E-6
	CC20	-0.0259	-0.5997	-0.0547	-8.34E-4	2.87E-5	9.82E-5
	CC21	-0.0197	-0.6074	-0.0531	-8.40E-4	1.89E-5	1.26E-4
481	CC1	0.0027	-0.0130	-0.0964	-1.48E-5	-2.25E-7	-4.08E-6
	CC2	0.0027	-0.0130	-0.0964	-1.48E-5	-2.25E-7	-4.08E-6
	CC3	0.0027	-0.0130	-0.0964	-1.48E-5	-2.25E-7	-4.08E-6
	CC4	0.0028	-0.0121	-0.0936	-1.35E-5	-4.73E-7	-4.21E-6
	CC5	0.0028	-0.0121	-0.0936	-1.35E-5	-4.73E-7	-4.21E-6
	CC6	0.1822	0.1217	-0.0787	2.23E-4	-8.79E-5	-2.02E-4
	CC7	0.1840	0.1194	-0.0782	2.20E-4	-9.18E-5	-1.94E-4
	CC8	0.2025	-0.1926	-0.0495	-3.58E-4	-1.61E-4	-1.73E-4
	CC9	0.2042	-0.1949	-0.0490	-3.61E-4	-1.65E-4	-1.65E-4
	CC10	-0.1986	0.1714	-0.1363	3.34E-4	1.64E-4	1.56E-4
	CC11	-0.1969	0.1691	-0.1358	3.32E-4	1.60E-4	1.64E-4
	CC12	-0.1783	-0.1428	-0.1071	-2.46E-4	9.07E-5	1.85E-4
	CC13	-0.1766	-0.1452	-0.1066	-2.49E-4	8.68E-5	1.94E-4
	CC14	0.0235	0.5081	-0.1335	9.41E-4	8.93E-5	-1.20E-4
	CC15	0.0288	0.5010	-0.1319	9.34E-4	7.73E-5	-9.44E-5
	CC16	-0.0908	0.5230	-0.1508	9.75E-4	1.65E-4	-1.21E-5
	CC17	-0.0854	0.5159	-0.1492	9.67E-4	1.53E-4	1.31E-5
	CC18	0.0910	-0.5394	-0.0362	-9.93E-4	-1.54E-4	-2.16E-5
	CC19	0.0964	-0.5465	-0.0346	-1.00E-3	-1.66E-4	3.54E-6
	CC20	-0.0232	-0.5245	-0.0534	-9.60E-4	-7.84E-5	8.59E-5
	CC21	-0.0178	-0.5316	-0.0519	-9.68E-4	-9.05E-5	1.11E-4

482	CC1	0.0045	-0.0160	-0.1192	-4.15E-5	-1.23E-5	-2.02E-5
	CC2	0.0045	-0.0160	-0.1192	-4.15E-5	-1.23E-5	-2.02E-5
	CC3	0.0045	-0.0160	-0.1192	-4.15E-5	-1.23E-5	-2.02E-5
	CC4	0.0047	-0.0144	-0.1163	-3.82E-5	-1.23E-5	-1.88E-5
	CC5	0.0047	-0.0144	-0.1163	-3.82E-5	-1.23E-5	-1.88E-5
	CC6	0.2514	0.4504	-0.1726	1.59E-4	-2.25E-4	-2.88E-4
	CC7	0.2542	0.4358	-0.1722	1.53E-4	-2.27E-4	-2.76E-4
	CC8	0.2778	-0.0274	-0.1445	-5.88E-5	-2.43E-4	-2.47E-4
	CC9	0.2806	-0.0420	-0.1441	-6.46E-5	-2.45E-4	-2.36E-4
	CC10	-0.2711	0.0142	-0.0866	-9.41E-6	2.21E-4	1.99E-4
	CC11	-0.2683	-0.0005	-0.0861	-1.52E-5	2.18E-4	2.10E-4
	CC12	-0.2448	-0.4636	-0.0585	-2.27E-4	2.02E-4	2.40E-4
	CC13	-0.2419	-0.4783	-0.0580	-2.33E-4	2.00E-4	2.51E-4
	CC14	0.0349	0.8701	-0.1757	3.60E-4	-4.53E-5	-1.76E-4
	CC15	0.0435	0.8256	-0.1744	3.43E-4	-5.21E-5	-1.42E-4
	CC16	-0.1219	0.7392	-0.1499	3.10E-4	8.84E-5	-3.03E-5
	CC17	-0.1133	0.6947	-0.1485	2.92E-4	8.15E-5	4.05E-6
	CC18	0.1227	-0.7226	-0.0821	-3.66E-4	-1.06E-4	-4.06E-5
	CC19	0.1313	-0.7671	-0.0808	-3.84E-4	-1.13E-4	-6.25E-6
	CC20	-0.0340	-0.8535	-0.0563	-4.17E-4	2.74E-5	1.05E-4
	CC21	-0.0254	-0.8979	-0.0550	-4.34E-4	2.06E-5	1.40E-4
483	CC1	0.0044	-0.0178	-0.1185	-4.68E-5	-3.95E-6	-1.95E-5
	CC2	0.0044	-0.0178	-0.1185	-4.68E-5	-3.95E-6	-1.95E-5
	CC3	0.0044	-0.0178	-0.1185	-4.68E-5	-3.95E-6	-1.95E-5
	CC4	0.0046	-0.0161	-0.1156	-4.30E-5	-4.30E-6	-1.81E-5
	CC5	0.0046	-0.0161	-0.1156	-4.30E-5	-4.30E-6	-1.81E-5
	CC6	0.2513	0.4247	-0.1534	1.65E-4	-2.27E-4	-2.87E-4
	CC7	0.2542	0.4111	-0.1527	1.59E-4	-2.30E-4	-2.76E-4
	CC8	0.2777	-0.0494	-0.1234	-6.63E-5	-2.52E-4	-2.46E-4
	CC9	0.2805	-0.0631	-0.1227	-7.24E-5	-2.55E-4	-2.35E-4
	CC10	-0.2712	0.0319	-0.1065	-1.10E-5	2.46E-4	2.00E-4
	CC11	-0.2684	0.0183	-0.1058	-1.72E-5	2.43E-4	2.11E-4
	CC12	-0.2449	-0.4422	-0.0765	-2.42E-4	2.21E-4	2.40E-4
	CC13	-0.2420	-0.4558	-0.0758	-2.48E-4	2.18E-4	2.52E-4
	CC14	0.0348	0.8543	-0.1726	3.79E-4	-2.99E-5	-1.76E-4
	CC15	0.0434	0.8129	-0.1706	3.61E-4	-3.75E-5	-1.41E-4
	CC16	-0.1219	0.7365	-0.1586	3.26E-4	1.12E-4	-2.97E-5
	CC17	-0.1133	0.6951	-0.1566	3.08E-4	1.04E-4	4.67E-6
	CC18	0.1227	-0.7262	-0.0726	-3.91E-4	-1.13E-4	-4.00E-5
	CC19	0.1313	-0.7676	-0.0706	-4.10E-4	-1.21E-4	-5.63E-6
	CC20	-0.0341	-0.8440	-0.0586	-4.44E-4	2.87E-5	1.06E-4
	CC21	-0.0255	-0.8854	-0.0565	-4.63E-4	2.11E-5	1.40E-4
484	CC1	0.0044	-0.0194	-0.1184	-5.51E-5	2.36E-6	-1.43E-5
	CC2	0.0044	-0.0194	-0.1184	-5.51E-5	2.36E-6	-1.43E-5
	CC3	0.0044	-0.0194	-0.1184	-5.51E-5	2.36E-6	-1.43E-5
	CC4	0.0046	-0.0176	-0.1155	-5.08E-5	1.77E-6	-1.33E-5
	CC5	0.0046	-0.0176	-0.1155	-5.08E-5	1.77E-6	-1.33E-5
	CC6	0.2513	0.3992	-0.1464	1.39E-4	-1.99E-4	-2.82E-4
	CC7	0.2541	0.3866	-0.1455	1.34E-4	-2.02E-4	-2.71E-4
	CC8	0.2777	-0.0713	-0.1141	-6.78E-5	-2.24E-4	-2.42E-4
	CC9	0.2805	-0.0839	-0.1132	-7.32E-5	-2.26E-4	-2.30E-4
	CC10	-0.2712	0.0499	-0.1157	-2.55E-5	2.29E-4	2.04E-4
	CC11	-0.2684	0.0373	-0.1148	-3.09E-5	2.27E-4	2.16E-4
	CC12	-0.2449	-0.4206	-0.0835	-2.32E-4	2.05E-4	2.45E-4
	CC13	-0.2420	-0.4332	-0.0826	-2.38E-4	2.03E-4	2.56E-4
	CC14	0.0348	0.8387	-0.1742	3.28E-4	-1.84E-5	-1.71E-4
	CC15	0.0434	0.8004	-0.1715	3.12E-4	-2.52E-5	-1.37E-4
	CC16	-0.1220	0.7340	-0.1650	2.79E-4	1.10E-4	-2.50E-5
	CC17	-0.1134	0.6956	-0.1623	2.62E-4	1.03E-4	9.35E-6
	CC18	0.1226	-0.7296	-0.0667	-3.61E-4	-1.00E-4	-3.53E-5
	CC19	0.1312	-0.7679	-0.0640	-3.77E-4	-1.07E-4	-9.49E-7
	CC20	-0.0341	-0.8344	-0.0575	-4.10E-4	2.83E-5	1.11E-4
	CC21	-0.0255	-0.8727	-0.0548	-4.27E-4	2.15E-5	1.45E-4
485	CC1	0.0037	-0.0119	-0.1196	-1.76E-5	-5.09E-6	-1.35E-5
	CC2	0.0037	-0.0119	-0.1196	-1.76E-5	-5.09E-6	-1.35E-5
	CC3	0.0037	-0.0119	-0.1196	-1.76E-5	-5.09E-6	-1.35E-5
	CC4	0.0038	-0.0107	-0.1168	-1.56E-5	-5.42E-6	-1.25E-5
	CC5	0.0038	-0.0107	-0.1168	-1.56E-5	-5.42E-6	-1.25E-5
	CC6	0.2311	0.4478	-0.1917	5.08E-4	-2.69E-4	-2.64E-4
	CC7	0.2337	0.4331	-0.1914	4.92E-4	-2.72E-4	-2.53E-4
	CC8	0.2561	-0.0020	-0.1649	-1.85E-5	-2.95E-4	-2.22E-4
	CC9	0.2587	-0.0167	-0.1647	-3.47E-5	-2.99E-4	-2.12E-4

	CC10	-0.2509	-0.0040	-0.0670	4.76E-6	2.88E-4	1.87E-4
	CC11	-0.2483	-0.0187	-0.0667	-1.14E-5	2.84E-4	1.98E-4
	CC12	-0.2259	-0.4538	-0.0402	-5.22E-4	2.61E-4	2.29E-4
	CC13	-0.2233	-0.4685	-0.0399	-5.38E-4	2.58E-4	2.40E-4
	CC14	0.0306	0.8294	-0.1795	9.63E-4	-3.93E-5	-1.65E-4
	CC15	0.0385	0.7848	-0.1787	9.14E-4	-5.00E-5	-1.33E-4
	CC16	-0.1140	0.6939	-0.1421	8.12E-4	1.28E-4	-2.96E-5
	CC17	-0.1061	0.6492	-0.1413	7.63E-4	1.17E-4	2.34E-6
	CC18	0.1139	-0.6699	-0.0903	-7.93E-4	-1.28E-4	-2.66E-5
	CC19	0.1218	-0.7145	-0.0896	-8.42E-4	-1.39E-4	5.32E-6
	CC20	-0.0307	-0.8054	-0.0529	-9.44E-4	3.89E-5	1.09E-4
	CC21	-0.0228	-0.8501	-0.0521	-9.93E-4	2.82E-5	1.41E-4
486	CC1	0.0033	-0.0108	-0.1187	-1.08E-5	-3.44E-6	-9.90E-6
	CC2	0.0033	-0.0108	-0.1187	-1.08E-5	-3.44E-6	-9.90E-6
	CC3	0.0033	-0.0108	-0.1187	-1.08E-5	-3.44E-6	-9.90E-6
	CC4	0.0035	-0.0097	-0.1159	-9.14E-6	-3.79E-6	-9.20E-6
	CC5	0.0035	-0.0097	-0.1159	-9.14E-6	-3.79E-6	-9.20E-6
	CC6	0.2073	0.3954	-0.1913	6.76E-4	-2.84E-4	-2.22E-4
	CC7	0.2095	0.3823	-0.1910	6.56E-4	-2.88E-4	-2.13E-4
	CC8	0.2297	-0.0015	-0.1649	2.57E-6	-3.14E-4	-1.96E-4
	CC9	0.2320	-0.0146	-0.1647	-1.77E-5	-3.18E-4	-1.87E-4
	CC10	-0.2249	-0.0041	-0.0652	5.18E-7	3.10E-4	1.69E-4
	CC11	-0.2227	-0.0172	-0.0650	-1.97E-5	3.07E-4	1.78E-4
	CC12	-0.2025	-0.4011	-0.0389	-6.73E-4	2.80E-4	1.95E-4
	CC13	-0.2002	-0.4141	-0.0386	-6.93E-4	2.76E-4	2.04E-4
	CC14	0.0275	0.7319	-0.1781	1.25E-3	-3.60E-5	-1.24E-4
	CC15	0.0344	0.6923	-0.1774	1.18E-3	-4.77E-5	-9.64E-5
	CC16	-0.1022	0.6121	-0.1403	1.04E-3	1.42E-4	-6.58E-6
	CC17	-0.0953	0.5724	-0.1396	9.82E-4	1.31E-4	2.09E-5
	CC18	0.1023	-0.5912	-0.0903	-9.99E-4	-1.38E-4	-3.88E-5
	CC19	0.1092	-0.6308	-0.0896	-1.06E-3	-1.50E-4	-1.14E-5
	CC20	-0.0273	-0.7111	-0.0525	-1.20E-3	3.99E-5	7.84E-5
	CC21	-0.0205	-0.7507	-0.0518	-1.26E-3	2.82E-5	1.06E-4
487	CC1	0.0030	-0.0096	-0.1178	-1.85E-5	-4.70E-6	-5.92E-6
	CC2	0.0030	-0.0096	-0.1178	-1.85E-5	-4.70E-6	-5.92E-6
	CC3	0.0030	-0.0096	-0.1178	-1.85E-5	-4.70E-6	-5.92E-6
	CC4	0.0031	-0.0087	-0.1150	-1.63E-5	-5.00E-6	-5.52E-6
	CC5	0.0031	-0.0087	-0.1150	-1.63E-5	-5.00E-6	-5.52E-6
	CC6	0.1836	0.3403	-0.1898	5.79E-4	-2.77E-4	-1.83E-4
	CC7	0.1855	0.3290	-0.1896	5.62E-4	-2.80E-4	-1.75E-4
	CC8	0.2035	-0.0023	-0.1638	-8.17E-6	-3.05E-4	-1.69E-4
	CC9	0.2054	-0.0137	-0.1635	-2.53E-5	-3.08E-4	-1.61E-4
	CC10	-0.1992	-0.0031	-0.0646	-5.87E-6	2.98E-4	1.50E-4
	CC11	-0.1972	-0.0144	-0.0644	-2.30E-5	2.94E-4	1.58E-4
	CC12	-0.1792	-0.3458	-0.0386	-5.93E-4	2.70E-4	1.64E-4
	CC13	-0.1773	-0.3571	-0.0383	-6.11E-4	2.66E-4	1.72E-4
	CC14	0.0244	0.6315	-0.1767	1.08E-3	-3.92E-5	-8.99E-5
	CC15	0.0302	0.5970	-0.1760	1.03E-3	-5.00E-5	-6.67E-5
	CC16	-0.0905	0.5285	-0.1392	9.02E-4	1.33E-4	1.00E-5
	CC17	-0.0846	0.4940	-0.1384	8.50E-4	1.22E-4	3.33E-5
	CC18	0.0908	-0.5108	-0.0898	-8.81E-4	-1.33E-4	-4.40E-5
	CC19	0.0967	-0.5453	-0.0890	-9.33E-4	-1.43E-4	-2.08E-5
	CC20	-0.0240	-0.6138	-0.0522	-1.06E-3	3.98E-5	5.59E-5
	CC21	-0.0181	-0.6483	-0.0514	-1.11E-3	2.90E-5	7.91E-5
488	CC1	0.0039	-0.0162	-0.1177	-2.84E-5	-7.69E-6	-5.25E-6
	CC2	0.0039	-0.0162	-0.1177	-2.84E-5	-7.69E-6	-5.25E-6
	CC3	0.0039	-0.0162	-0.1177	-2.84E-5	-7.69E-6	-5.25E-6
	CC4	0.0040	-0.0147	-0.1147	-2.54E-5	-7.93E-6	-4.85E-6
	CC5	0.0040	-0.0147	-0.1147	-2.54E-5	-7.93E-6	-4.85E-6
	CC6	0.2322	0.3540	-0.1073	3.83E-4	-2.78E-4	-2.48E-4
	CC7	0.2348	0.3430	-0.1062	3.72E-4	-2.81E-4	-2.37E-4
	CC8	0.2569	-0.0833	-0.0733	-1.20E-4	-3.02E-4	-2.16E-4
	CC9	0.2595	-0.0942	-0.0722	-1.31E-4	-3.05E-4	-2.06E-4
	CC10	-0.2513	0.0657	-0.1552	8.23E-5	2.89E-4	1.97E-4
	CC11	-0.2487	0.0548	-0.1542	7.11E-5	2.86E-4	2.07E-4
	CC12	-0.2267	-0.3715	-0.1212	-4.21E-4	2.65E-4	2.28E-4
	CC13	-0.2241	-0.3824	-0.1201	-4.32E-4	2.62E-4	2.38E-4
	CC14	0.0316	0.7743	-0.1649	8.76E-4	-4.75E-5	-1.39E-4
	CC15	0.0395	0.7412	-0.1616	8.42E-4	-5.81E-5	-1.08E-4
	CC16	-0.1134	0.6879	-0.1793	7.86E-4	1.23E-4	-5.73E-6
	CC17	-0.1055	0.6547	-0.1760	7.52E-4	1.12E-4	2.52E-5
	CC18	0.1137	-0.6831	-0.0515	-8.01E-4	-1.28E-4	-3.46E-5

	CC19	0.1216	-0.7163	-0.0482	-8.35E-4	-1.39E-4	-3.71E-6
	CC20	-0.0313	-0.7696	-0.0659	-8.91E-4	4.21E-5	9.86E-5
	CC21	-0.0234	-0.8028	-0.0626	-9.25E-4	3.15E-5	1.30E-4
489	CC1	0.0032	-0.0144	-0.1169	-1.65E-5	-7.55E-6	-5.73E-6
	CC2	0.0032	-0.0144	-0.1169	-1.65E-5	-7.55E-6	-5.73E-6
	CC3	0.0032	-0.0144	-0.1169	-1.65E-5	-7.55E-6	-5.73E-6
	CC4	0.0033	-0.0131	-0.1139	-1.41E-5	-7.79E-6	-5.36E-6
	CC5	0.0033	-0.0131	-0.1139	-1.41E-5	-7.79E-6	-5.36E-6
	CC6	0.2071	0.3139	-0.1060	5.21E-4	-3.01E-4	-2.31E-4
	CC7	0.2094	0.3041	-0.1049	5.07E-4	-3.05E-4	-2.22E-4
	CC8	0.2296	-0.0723	-0.0719	-1.33E-4	-3.28E-4	-1.92E-4
	CC9	0.2318	-0.0821	-0.0708	-1.47E-4	-3.32E-4	-1.83E-4
	CC10	-0.2251	0.0567	-0.1551	1.20E-4	3.16E-4	1.72E-4
	CC11	-0.2228	0.0469	-0.1540	1.06E-4	3.12E-4	1.82E-4
	CC12	-0.2027	-0.3295	-0.1210	-5.34E-4	2.89E-4	2.11E-4
	CC13	-0.2004	-0.3393	-0.1199	-5.48E-4	2.86E-4	2.21E-4
	CC14	0.0274	0.6843	-0.1640	1.16E-3	-5.01E-5	-1.45E-4
	CC15	0.0343	0.6546	-0.1606	1.12E-3	-6.16E-5	-1.17E-4
	CC16	-0.1023	0.6071	-0.1787	1.04E-3	1.35E-4	-2.39E-5
	CC17	-0.0954	0.5775	-0.1754	9.95E-4	1.24E-4	4.51E-6
	CC18	0.1022	-0.6029	-0.0505	-1.02E-3	-1.39E-4	-1.50E-5
	CC19	0.1091	-0.6325	-0.0472	-1.06E-3	-1.51E-4	1.34E-5
	CC20	-0.0275	-0.6800	-0.0653	-1.14E-3	4.59E-5	1.06E-4
	CC21	-0.0206	-0.7097	-0.0619	-1.18E-3	3.43E-5	1.34E-4
490	CC1	0.0026	-0.0126	-0.1161	-2.87E-5	-6.33E-6	-4.86E-6
	CC2	0.0026	-0.0126	-0.1161	-2.87E-5	-6.33E-6	-4.86E-6
	CC3	0.0026	-0.0126	-0.1161	-2.87E-5	-6.33E-6	-4.86E-6
	CC4	0.0027	-0.0115	-0.1132	-2.57E-5	-6.61E-6	-4.56E-6
	CC5	0.0027	-0.0115	-0.1132	-2.57E-5	-6.61E-6	-4.56E-6
	CC6	0.1823	0.2713	-0.1055	4.58E-4	-2.84E-4	-2.12E-4
	CC7	0.1842	0.2627	-0.1044	4.46E-4	-2.87E-4	-2.03E-4
	CC8	0.2025	-0.0618	-0.0715	-1.22E-4	-3.11E-4	-1.67E-4
	CC9	0.2044	-0.0704	-0.0704	-1.35E-4	-3.15E-4	-1.58E-4
	CC10	-0.1989	0.0481	-0.1540	8.55E-5	3.01E-4	1.49E-4
	CC11	-0.1970	0.0395	-0.1529	7.29E-5	2.98E-4	1.58E-4
	CC12	-0.1788	-0.2850	-0.1200	-4.95E-4	2.74E-4	1.94E-4
	CC13	-0.1768	-0.2936	-0.1189	-5.08E-4	2.70E-4	2.03E-4
	CC14	0.0234	0.5905	-0.1633	1.02E-3	-4.35E-5	-1.47E-4
	CC15	0.0293	0.5645	-0.1600	9.80E-4	-5.42E-5	-1.21E-4
	CC16	-0.0910	0.5235	-0.1778	9.06E-4	1.32E-4	-3.83E-5
	CC17	-0.0851	0.4975	-0.1745	8.68E-4	1.21E-4	-1.25E-5
	CC18	0.0906	-0.5198	-0.0499	-9.17E-4	-1.35E-4	3.59E-6
	CC19	0.0965	-0.5458	-0.0466	-9.56E-4	-1.45E-4	2.94E-5
	CC20	-0.0238	-0.5868	-0.0644	-1.03E-3	4.08E-5	1.12E-4
	CC21	-0.0179	-0.6128	-0.0611	-1.07E-3	3.01E-5	1.38E-4
491	CC1	-0.0013	-0.0084	-0.1186	-8.83E-6	6.51E-6	3.14E-7
	CC2	-0.0013	-0.0084	-0.1186	-8.83E-6	6.51E-6	3.14E-7
	CC3	-0.0013	-0.0084	-0.1186	-8.83E-6	6.51E-6	3.14E-7
	CC4	-0.0010	-0.0075	-0.1157	-7.65E-6	6.17E-6	4.17E-7
	CC5	-0.0010	-0.0075	-0.1157	-7.65E-6	6.17E-6	4.17E-7
	CC6	0.2828	0.5518	-0.1346	6.18E-4	-3.08E-4	-2.40E-4
	CC7	0.2787	0.5328	-0.1371	5.98E-4	-3.04E-4	-2.30E-4
	CC8	0.2825	0.0906	-0.1943	9.55E-5	-3.12E-4	-2.06E-4
	CC9	0.2785	0.0715	-0.1969	7.54E-5	-3.08E-4	-1.96E-4
	CC10	-0.2802	-0.0860	-0.0327	-9.00E-5	3.21E-4	1.97E-4
	CC11	-0.2843	-0.1051	-0.0352	-1.10E-4	3.24E-4	2.07E-4
	CC12	-0.2804	-0.5472	-0.0924	-6.13E-4	3.16E-4	2.31E-4
	CC13	-0.2845	-0.5663	-0.0950	-6.33E-4	3.20E-4	2.41E-4
	CC14	0.0901	0.8861	-0.0266	1.00E-3	-8.67E-5	-1.37E-4
	CC15	0.0778	0.8282	-0.0344	9.40E-4	-7.51E-5	-1.06E-4
	CC16	-0.0788	0.6947	0.0040	7.88E-4	1.02E-4	-5.33E-6
	CC17	-0.0911	0.6369	-0.0038	7.27E-4	1.13E-4	2.53E-5
	CC18	0.0894	-0.6513	-0.2257	-7.42E-4	-1.01E-4	-2.44E-5
	CC19	0.0771	-0.7092	-0.2335	-8.03E-4	-8.97E-5	6.23E-6
	CC20	-0.0795	-0.8427	-0.1951	-9.54E-4	8.72E-5	1.07E-4
	CC21	-0.0918	-0.9006	-0.2029	-1.01E-3	9.88E-5	1.37E-4
492	CC1	-0.0008	-0.0078	-0.1178	-4.70E-6	3.77E-6	8.54E-8
	CC2	-0.0008	-0.0078	-0.1178	-4.70E-6	3.77E-6	8.54E-8
	CC3	-0.0008	-0.0078	-0.1178	-4.70E-6	3.77E-6	8.54E-8
	CC4	-0.0006	-0.0071	-0.1149	-3.64E-6	3.56E-6	1.76E-7
	CC5	-0.0006	-0.0071	-0.1149	-3.64E-6	3.56E-6	1.76E-7
	CC6	0.2554	0.4943	-0.1341	6.95E-4	-3.38E-4	-2.16E-4

	CC7	0.2517	0.4772	-0.1367	6.73E-4	-3.33E-4	-2.07E-4
	CC8	0.2548	0.0811	-0.1950	1.06E-4	-3.27E-4	-1.85E-4
	CC9	0.2512	0.0639	-0.1977	8.40E-5	-3.22E-4	-1.76E-4
	CC10	-0.2521	-0.0775	-0.0303	-9.06E-5	3.29E-4	1.76E-4
	CC11	-0.2558	-0.0947	-0.0329	-1.13E-4	3.34E-4	1.85E-4
	CC12	-0.2526	-0.4908	-0.0913	-6.79E-4	3.40E-4	2.08E-4
	CC13	-0.2563	-0.5080	-0.0939	-7.01E-4	3.45E-4	2.17E-4
	CC14	0.0821	0.7938	-0.0240	1.13E-3	-1.23E-4	-1.25E-4
	CC15	0.0710	0.7417	-0.0320	1.06E-3	-1.08E-4	-9.73E-5
	CC16	-0.0702	0.6222	0.0072	8.93E-4	7.73E-5	-6.98E-6
	CC17	-0.0813	0.5701	-0.0008	8.26E-4	9.25E-5	2.05E-5
	CC18	0.0803	-0.5837	-0.2272	-8.33E-4	-8.55E-5	-2.00E-5
	CC19	0.0692	-0.6359	-0.2351	-9.00E-4	-7.03E-5	7.40E-6
	CC20	-0.0719	-0.7553	-0.1960	-1.07E-3	1.15E-4	9.77E-5
	CC21	-0.0830	-0.8074	-0.2040	-1.14E-3	1.30E-4	1.25E-4
493	CC1	-0.0004	-0.0073	-0.1171	-7.89E-6	7.73E-6	5.33E-7
	CC2	-0.0004	-0.0073	-0.1171	-7.89E-6	7.73E-6	5.33E-7
	CC3	-0.0004	-0.0073	-0.1171	-7.89E-6	7.73E-6	5.33E-7
	CC4	-0.0001	-0.0067	-0.1143	-6.74E-6	7.09E-6	5.57E-7
	CC5	-0.0001	-0.0067	-0.1143	-6.74E-6	7.09E-6	5.57E-7
	CC6	0.2263	0.4349	-0.1335	6.76E-4	-3.28E-4	-1.95E-4
	CC7	0.2231	0.4197	-0.1361	6.55E-4	-3.23E-4	-1.87E-4
	CC8	0.2277	0.0706	-0.1940	1.03E-4	-3.21E-4	-1.63E-4
	CC9	0.2245	0.0554	-0.1966	8.15E-5	-3.17E-4	-1.55E-4
	CC10	-0.2246	-0.0683	-0.0301	-9.42E-5	3.30E-4	1.56E-4
	CC11	-0.2278	-0.0835	-0.0327	-1.16E-4	3.35E-4	1.65E-4
	CC12	-0.2232	-0.4326	-0.0906	-6.67E-4	3.37E-4	1.88E-4
	CC13	-0.2264	-0.4478	-0.0932	-6.89E-4	3.42E-4	1.96E-4
	CC14	0.0701	0.6993	-0.0240	1.10E-3	-1.10E-4	-1.18E-4
	CC15	0.0604	0.6532	-0.0320	1.03E-3	-9.51E-5	-9.28E-5
	CC16	-0.0652	0.5484	0.0070	8.66E-4	8.76E-5	-1.21E-5
	CC17	-0.0749	0.5022	-0.0010	8.00E-4	1.02E-4	1.27E-5
	CC18	0.0748	-0.5151	-0.2257	-8.13E-4	-8.86E-5	-1.15E-5
	CC19	0.0651	-0.5613	-0.2336	-8.79E-4	-7.38E-5	1.32E-5
	CC20	-0.0605	-0.6661	-0.1946	-1.04E-3	1.09E-4	9.40E-5
	CC21	-0.0702	-0.7122	-0.2026	-1.11E-3	1.24E-4	1.19E-4
494	CC1	-0.0004	-0.0090	-0.1150	-1.13E-5	8.73E-6	3.73E-6
	CC2	-0.0004	-0.0090	-0.1150	-1.13E-5	8.73E-6	3.73E-6
	CC3	-0.0004	-0.0090	-0.1150	-1.13E-5	8.73E-6	3.73E-6
	CC4	-0.0001	-0.0082	-0.1124	-1.01E-5	7.98E-6	3.76E-6
	CC5	-0.0001	-0.0082	-0.1124	-1.01E-5	7.98E-6	3.76E-6
	CC6	0.2544	0.5511	-0.1736	6.21E-4	-2.74E-4	-2.41E-4
	CC7	0.2534	0.5320	-0.1716	6.00E-4	-2.74E-4	-2.31E-4
	CC8	0.2666	0.0904	-0.1256	9.22E-5	-2.92E-4	-2.04E-4
	CC9	0.2656	0.0713	-0.1236	7.19E-5	-2.91E-4	-1.94E-4
	CC10	-0.2657	-0.0870	-0.0995	-9.12E-5	3.07E-4	2.01E-4
	CC11	-0.2667	-0.1061	-0.0975	-1.11E-4	3.07E-4	2.12E-4
	CC12	-0.2535	-0.5478	-0.0515	-6.20E-4	2.89E-4	2.38E-4
	CC13	-0.2545	-0.5668	-0.0495	-6.40E-4	2.90E-4	2.49E-4
	CC14	0.0591	0.8847	-0.2057	1.01E-3	-5.03E-5	-1.40E-4
	CC15	0.0561	0.8268	-0.1996	9.47E-4	-4.89E-5	-1.09E-4
	CC16	-0.0969	0.6932	-0.1834	7.95E-4	1.24E-4	-7.06E-6
	CC17	-0.1000	0.6354	-0.1774	7.34E-4	1.25E-4	2.41E-5
	CC18	0.0999	-0.6511	-0.0457	-7.53E-4	-1.10E-4	-1.66E-5
	CC19	0.0968	-0.7090	-0.0397	-8.14E-4	-1.09E-4	1.46E-5
	CC20	-0.0562	-0.8425	-0.0235	-9.66E-4	6.44E-5	1.16E-4
	CC21	-0.0592	-0.9004	-0.0175	-1.03E-3	6.58E-5	1.47E-4
495	CC1	0.0002	-0.0079	-0.1143	-1.35E-5	5.28E-6	2.56E-6
	CC2	0.0002	-0.0079	-0.1143	-1.35E-5	5.28E-6	2.56E-6
	CC3	0.0002	-0.0079	-0.1143	-1.35E-5	5.28E-6	2.56E-6
	CC4	0.0004	-0.0071	-0.1118	-1.22E-5	4.73E-6	2.59E-6
	CC5	0.0004	-0.0071	-0.1118	-1.22E-5	4.73E-6	2.59E-6
	CC6	0.2300	0.4936	-0.1740	6.93E-4	-2.95E-4	-2.20E-4
	CC7	0.2290	0.4764	-0.1719	6.71E-4	-2.94E-4	-2.11E-4
	CC8	0.2405	0.0812	-0.1243	1.02E-4	-3.20E-4	-1.85E-4
	CC9	0.2395	0.0640	-0.1223	7.97E-5	-3.19E-4	-1.75E-4
	CC10	-0.2385	-0.0778	-0.0996	-1.03E-4	3.29E-4	1.81E-4
	CC11	-0.2395	-0.0950	-0.0975	-1.26E-4	3.29E-4	1.90E-4
	CC12	-0.2280	-0.4902	-0.0499	-6.94E-4	3.04E-4	2.16E-4
	CC13	-0.2290	-0.5074	-0.0479	-7.17E-4	3.04E-4	2.25E-4
	CC14	0.0547	0.7922	-0.2079	1.13E-3	-4.82E-5	-1.31E-4
	CC15	0.0518	0.7401	-0.2017	1.06E-3	-4.66E-5	-1.02E-4

	CC16	-0.0858	0.6207	-0.1856	8.88E-4	1.39E-4	-1.05E-5
	CC17	-0.0888	0.5687	-0.1794	8.20E-4	1.40E-4	1.78E-5
	CC18	0.0897	-0.5825	-0.0424	-8.44E-4	-1.31E-4	-1.26E-5
	CC19	0.0868	-0.6345	-0.0362	-9.12E-4	-1.30E-4	1.57E-5
	CC20	-0.0508	-0.7539	-0.0201	-1.08E-3	5.57E-5	1.08E-4
	CC21	-0.0537	-0.8059	-0.0139	-1.15E-3	5.73E-5	1.36E-4
496	CC1	0.0007	-0.0067	-0.1137	-1.25E-5	7.05E-6	1.51E-6
	CC2	0.0007	-0.0067	-0.1137	-1.25E-5	7.05E-6	1.51E-6
	CC3	0.0007	-0.0067	-0.1137	-1.25E-5	7.05E-6	1.51E-6
	CC4	0.0009	-0.0061	-0.1112	-1.13E-5	6.37E-6	1.52E-6
	CC5	0.0009	-0.0061	-0.1112	-1.13E-5	6.37E-6	1.52E-6
	CC6	0.2050	0.4344	-0.1729	6.73E-4	-2.93E-4	-1.99E-4
	CC7	0.2041	0.4193	-0.1709	6.52E-4	-2.92E-4	-1.91E-4
	CC8	0.2137	0.0711	-0.1234	1.02E-4	-3.10E-4	-1.64E-4
	CC9	0.2128	0.0559	-0.1214	8.01E-5	-3.09E-4	-1.56E-4
	CC10	-0.2109	-0.0676	-0.0993	-1.02E-4	3.21E-4	1.59E-4
	CC11	-0.2119	-0.0828	-0.0973	-1.24E-4	3.22E-4	1.68E-4
	CC12	-0.2023	-0.4310	-0.0498	-6.73E-4	3.04E-4	1.94E-4
	CC13	-0.2032	-0.4462	-0.0477	-6.95E-4	3.05E-4	2.02E-4
	CC14	0.0502	0.6981	-0.2070	1.09E-3	-5.86E-5	-1.22E-4
	CC15	0.0474	0.6520	-0.2008	1.02E-3	-5.60E-5	-9.70E-5
	CC16	-0.0746	0.5474	-0.1849	8.59E-4	1.26E-4	-1.50E-5
	CC17	-0.0773	0.5014	-0.1787	7.92E-4	1.28E-4	1.04E-5
	CC18	0.0792	-0.5131	-0.0419	-8.14E-4	-1.16E-4	-7.38E-6
	CC19	0.0764	-0.5592	-0.0357	-8.80E-4	-1.13E-4	1.81E-5
	CC20	-0.0456	-0.6638	-0.0198	-1.05E-3	6.82E-5	1.00E-4
	CC21	-0.0484	-0.7098	-0.0136	-1.11E-3	7.08E-5	1.25E-4
497	CC1	-0.0025	-0.0098	-0.1174	-1.47E-5	2.68E-5	1.04E-6
	CC2	-0.0025	-0.0098	-0.1174	-1.47E-5	2.68E-5	1.04E-6
	CC3	-0.0025	-0.0098	-0.1174	-1.47E-5	2.68E-5	1.04E-6
	CC4	-0.0022	-0.0089	-0.1146	-1.34E-5	2.55E-5	1.47E-6
	CC5	-0.0022	-0.0089	-0.1146	-1.34E-5	2.55E-5	1.47E-6
	CC6	0.3075	0.6195	-0.1357	5.75E-4	-2.02E-4	-2.68E-4
	CC7	0.3031	0.5979	-0.1384	5.55E-4	-2.03E-4	-2.57E-4
	CC8	0.3079	0.1169	-0.2055	1.07E-4	-3.25E-4	-2.27E-4
	CC9	0.3036	0.0954	-0.2082	8.81E-5	-3.26E-4	-2.16E-4
	CC10	-0.3076	-0.1125	-0.0191	-1.14E-4	3.76E-4	2.19E-4
	CC11	-0.3120	-0.1340	-0.0218	-1.33E-4	3.75E-4	2.30E-4
	CC12	-0.3071	-0.6150	-0.0888	-5.81E-4	2.53E-4	2.60E-4
	CC13	-0.3115	-0.6366	-0.0916	-6.01E-4	2.52E-4	2.71E-4
	CC14	0.0961	0.9715	-0.0107	8.99E-4	1.45E-4	-1.56E-4
	CC15	0.0828	0.9062	-0.0190	8.40E-4	1.42E-4	-1.22E-4
	CC16	-0.0885	0.7520	0.0243	6.92E-4	3.19E-4	-1.04E-5
	CC17	-0.1017	0.6866	0.0160	6.33E-4	3.15E-4	2.39E-5
	CC18	0.0977	-0.7037	-0.2433	-6.59E-4	-2.65E-4	-2.07E-5
	CC19	0.0844	-0.7690	-0.2516	-7.18E-4	-2.69E-4	1.36E-5
	CC20	-0.0869	-0.9233	-0.2083	-8.66E-4	-9.18E-5	1.25E-4
	CC21	-0.1001	-0.9886	-0.2166	-9.25E-4	-9.52E-5	1.60E-4
498	CC1	-0.0013	-0.0088	-0.1158	-1.29E-5	1.18E-5	2.41E-6
	CC2	-0.0013	-0.0088	-0.1158	-1.29E-5	1.18E-5	2.41E-6
	CC3	-0.0013	-0.0088	-0.1158	-1.29E-5	1.18E-5	2.41E-6
	CC4	-0.0010	-0.0080	-0.1131	-1.16E-5	1.12E-5	2.65E-6
	CC5	-0.0010	-0.0080	-0.1131	-1.16E-5	1.12E-5	2.65E-6
	CC6	0.2832	0.5838	-0.1387	6.61E-4	-3.15E-4	-2.15E-4
	CC7	0.2790	0.5632	-0.1416	6.39E-4	-3.10E-4	-2.06E-4
	CC8	0.2827	0.1243	-0.2202	1.34E-4	-2.90E-4	-2.01E-4
	CC9	0.2785	0.1038	-0.2231	1.12E-4	-2.86E-4	-1.91E-4
	CC10	-0.2803	-0.1192	-0.0012	-1.34E-4	3.08E-4	1.97E-4
	CC11	-0.2845	-0.1397	-0.0041	-1.56E-4	3.12E-4	2.07E-4
	CC12	-0.2809	-0.5786	-0.0827	-6.61E-4	3.32E-4	2.11E-4
	CC13	-0.2850	-0.5992	-0.0856	-6.83E-4	3.37E-4	2.21E-4
	CC14	0.0908	0.8947	0.0074	1.02E-3	-1.30E-4	-9.73E-5
	CC15	0.0781	0.8324	-0.0014	9.53E-4	-1.16E-4	-6.82E-5
	CC16	-0.0783	0.6838	0.0486	7.82E-4	5.65E-5	2.64E-5
	CC17	-0.0909	0.6215	0.0399	7.15E-4	7.05E-5	5.54E-5
	CC18	0.0891	-0.6369	-0.2642	-7.37E-4	-4.86E-5	-5.00E-5
	CC19	0.0764	-0.6992	-0.2729	-8.04E-4	-3.45E-5	-2.09E-5
	CC20	-0.0800	-0.8478	-0.2229	-9.76E-4	1.38E-4	7.37E-5
	CC21	-0.0926	-0.9101	-0.2317	-1.04E-3	1.52E-4	1.03E-4
499	CC1	-0.0004	-0.0077	-0.1155	-1.17E-5	8.80E-6	1.06E-6
	CC2	-0.0004	-0.0077	-0.1155	-1.17E-5	8.80E-6	1.06E-6
	CC3	-0.0004	-0.0077	-0.1155	-1.17E-5	8.80E-6	1.06E-6

	CC4	-0.0002	-0.0070	-0.1128	-1.05E-5	8.21E-6	1.25E-6
	CC5	-0.0002	-0.0070	-0.1128	-1.05E-5	8.21E-6	1.25E-6
	CC6	0.2570	0.5268	-0.1381	6.69E-4	-3.03E-4	-1.81E-4
	CC7	0.2532	0.5082	-0.1410	6.47E-4	-2.99E-4	-1.73E-4
	CC8	0.2565	0.1123	-0.2195	1.27E-4	-3.17E-4	-1.78E-4
	CC9	0.2527	0.0937	-0.2224	1.05E-4	-3.14E-4	-1.70E-4
	CC10	-0.2529	-0.1072	-0.0014	-1.25E-4	3.30E-4	1.73E-4
	CC11	-0.2567	-0.1257	-0.0042	-1.48E-4	3.34E-4	1.81E-4
	CC12	-0.2534	-0.5216	-0.0828	-6.67E-4	3.15E-4	1.75E-4
	CC13	-0.2572	-0.5402	-0.0857	-6.89E-4	3.19E-4	1.83E-4
	CC14	0.0830	0.8073	0.0077	1.05E-3	-6.73E-5	-6.81E-5
	CC15	0.0715	0.7509	-0.0010	9.78E-4	-5.67E-5	-4.33E-5
	CC16	-0.0699	0.6172	0.0487	8.07E-4	1.22E-4	3.79E-5
	CC17	-0.0815	0.5608	0.0400	7.40E-4	1.33E-4	6.28E-5
	CC18	0.0813	-0.5742	-0.2638	-7.60E-4	-1.17E-4	-6.02E-5
	CC19	0.0697	-0.6306	-0.2725	-8.27E-4	-1.06E-4	-3.53E-5
	CC20	-0.0717	-0.7644	-0.2228	-9.98E-4	7.28E-5	4.59E-5
	CC21	-0.0832	-0.8208	-0.2315	-1.07E-3	8.34E-5	7.07E-5
500	CC1	0.0004	-0.0066	-0.1150	-1.11E-5	9.80E-6	-1.44E-6
	CC2	0.0004	-0.0066	-0.1150	-1.11E-5	9.80E-6	-1.44E-6
	CC3	0.0004	-0.0066	-0.1150	-1.11E-5	9.80E-6	-1.44E-6
	CC4	0.0006	-0.0060	-0.1123	-1.01E-5	8.96E-6	-1.26E-6
	CC5	0.0006	-0.0060	-0.1123	-1.01E-5	8.96E-6	-1.26E-6
	CC6	0.2303	0.4702	-0.1370	6.48E-4	-3.41E-4	-1.61E-4
	CC7	0.2269	0.4536	-0.1399	6.27E-4	-3.35E-4	-1.54E-4
	CC8	0.2295	0.1001	-0.2186	1.32E-4	-3.13E-4	-1.60E-4
	CC9	0.2262	0.0835	-0.2214	1.11E-4	-3.07E-4	-1.53E-4
	CC10	-0.2248	-0.0951	-0.0014	-1.31E-4	3.25E-4	1.51E-4
	CC11	-0.2282	-0.1118	-0.0042	-1.52E-4	3.30E-4	1.58E-4
	CC12	-0.2256	-0.4652	-0.0829	-6.46E-4	3.52E-4	1.52E-4
	CC13	-0.2290	-0.4819	-0.0858	-6.68E-4	3.58E-4	1.59E-4
	CC14	0.0754	0.7211	0.0085	9.99E-4	-1.47E-4	-6.07E-5
	CC15	0.0651	0.6706	-0.0002	9.35E-4	-1.29E-4	-3.91E-5
	CC16	-0.0612	0.5515	0.0491	7.65E-4	5.29E-5	3.30E-5
	CC17	-0.0715	0.5010	0.0405	7.01E-4	7.09E-5	5.46E-5
	CC18	0.0728	-0.5126	-0.2633	-7.20E-4	-5.36E-5	-5.70E-5
	CC19	0.0625	-0.5632	-0.2720	-7.85E-4	-3.56E-5	-3.54E-5
	CC20	-0.0638	-0.6822	-0.2226	-9.54E-4	1.46E-4	3.67E-5
	CC21	-0.0741	-0.7328	-0.2313	-1.02E-3	1.64E-4	5.83E-5
501	CC1	-0.0018	-0.0099	-0.1135	-8.57E-6	2.04E-5	-1.07E-6
	CC2	-0.0018	-0.0099	-0.1135	-8.57E-6	2.04E-5	-1.07E-6
	CC3	-0.0018	-0.0099	-0.1135	-8.57E-6	2.04E-5	-1.07E-6
	CC4	-0.0014	-0.0089	-0.1111	-7.43E-6	1.93E-5	-5.95E-7
	CC5	-0.0014	-0.0089	-0.1111	-7.43E-6	1.93E-5	-5.95E-7
	CC6	0.2766	0.6221	-0.1973	5.50E-4	-3.40E-4	-2.70E-4
	CC7	0.2755	0.6005	-0.1951	5.32E-4	-3.33E-4	-2.59E-4
	CC8	0.2886	0.1191	-0.1493	1.01E-4	-2.47E-4	-2.29E-4
	CC9	0.2875	0.0975	-0.1471	8.23E-5	-2.40E-4	-2.18E-4
	CC10	-0.2901	-0.1147	-0.0734	-9.64E-5	2.78E-4	2.17E-4
	CC11	-0.2912	-0.1363	-0.0713	-1.15E-4	2.85E-4	2.28E-4
	CC12	-0.2781	-0.6177	-0.0254	-5.46E-4	3.71E-4	2.58E-4
	CC13	-0.2792	-0.6393	-0.0232	-5.64E-4	3.78E-4	2.69E-4
	CC14	0.0655	0.9730	-0.2122	8.67E-4	-2.38E-4	-1.59E-4
	CC15	0.0620	0.9074	-0.2056	8.12E-4	-2.18E-4	-1.24E-4
	CC16	-0.1046	0.7520	-0.1751	6.73E-4	-5.28E-5	-1.25E-5
	CC17	-0.1081	0.6863	-0.1685	6.18E-4	-3.30E-5	2.19E-5
	CC18	0.1054	-0.7035	-0.0521	-6.32E-4	7.10E-5	-2.28E-5
	CC19	0.1019	-0.7692	-0.0454	-6.87E-4	9.08E-5	1.16E-5
	CC20	-0.0646	-0.9246	-0.0149	-8.26E-4	2.56E-4	1.23E-4
	CC21	-0.0681	-0.9903	-0.0083	-8.81E-4	2.76E-4	1.58E-4
502	CC1	-0.0006	-0.0087	-0.1120	-1.17E-5	1.28E-5	-1.67E-6
	CC2	-0.0006	-0.0087	-0.1120	-1.17E-5	1.28E-5	-1.67E-6
	CC3	-0.0006	-0.0087	-0.1120	-1.17E-5	1.28E-5	-1.67E-6
	CC4	-0.0003	-0.0079	-0.1096	-1.06E-5	1.19E-5	-1.42E-6
	CC5	-0.0003	-0.0079	-0.1096	-1.06E-5	1.19E-5	-1.42E-6
	CC6	0.2548	0.5885	-0.2234	6.82E-4	-2.59E-4	-2.05E-4
	CC7	0.2536	0.5678	-0.2209	6.60E-4	-2.59E-4	-1.96E-4
	CC8	0.2660	0.1285	-0.1748	1.47E-4	-2.88E-4	-1.92E-4
	CC9	0.2648	0.1077	-0.1723	1.24E-4	-2.88E-4	-1.83E-4
	CC10	-0.2652	-0.1231	-0.0453	-1.45E-4	3.11E-4	1.80E-4
	CC11	-0.2663	-0.1438	-0.0429	-1.68E-4	3.11E-4	1.89E-4
	CC12	-0.2539	-0.5831	0.0033	-6.80E-4	2.82E-4	1.93E-4

	CC13	-0.2551	-0.6038	0.0057	-7.03E-4	2.82E-4	2.02E-4
	CC14	0.0609	0.8973	-0.2202	1.04E-3	-2.54E-5	-9.40E-5
	CC15	0.0573	0.8344	-0.2128	9.72E-4	-2.62E-5	-6.69E-5
	CC16	-0.0951	0.6838	-0.1668	7.92E-4	1.46E-4	2.14E-5
	CC17	-0.0987	0.6209	-0.1594	7.23E-4	1.45E-4	4.85E-5
	CC18	0.0983	-0.6362	-0.0582	-7.44E-4	-1.22E-4	-5.12E-5
	CC19	0.0947	-0.6991	-0.0508	-8.13E-4	-1.22E-4	-2.40E-5
	CC20	-0.0577	-0.8497	-0.0048	-9.92E-4	4.95E-5	6.42E-5
	CC21	-0.0613	-0.9126	0.0026	-1.06E-3	4.86E-5	9.14E-5
503	CC1	0.0005	-0.0077	-0.1119	-1.23E-5	1.13E-5	-1.88E-6
	CC2	0.0005	-0.0077	-0.1119	-1.23E-5	1.13E-5	-1.88E-6
	CC3	0.0005	-0.0077	-0.1119	-1.23E-5	1.13E-5	-1.88E-6
	CC4	0.0007	-0.0070	-0.1095	-1.11E-5	1.05E-5	-1.71E-6
	CC5	0.0007	-0.0070	-0.1095	-1.11E-5	1.05E-5	-1.71E-6
	CC6	0.2312	0.5312	-0.2234	6.53E-4	-2.90E-4	-1.98E-4
	CC7	0.2301	0.5124	-0.2209	6.32E-4	-2.89E-4	-1.90E-4
	CC8	0.2415	0.1161	-0.1752	1.19E-4	-2.95E-4	-1.76E-4
	CC9	0.2404	0.0973	-0.1727	9.73E-5	-2.93E-4	-1.68E-4
	CC10	-0.2389	-0.1108	-0.0446	-1.19E-4	3.14E-4	1.64E-4
	CC11	-0.2400	-0.1295	-0.0422	-1.40E-4	3.16E-4	1.73E-4
	CC12	-0.2286	-0.5259	0.0036	-6.53E-4	3.09E-4	1.86E-4
	CC13	-0.2297	-0.5446	0.0060	-6.75E-4	3.11E-4	1.95E-4
	CC14	0.0557	0.8099	-0.2195	1.03E-3	-7.50E-5	-1.06E-4
	CC15	0.0524	0.7529	-0.2121	9.63E-4	-6.97E-5	-7.97E-5
	CC16	-0.0853	0.6173	-0.1659	7.97E-4	1.06E-4	3.13E-6
	CC17	-0.0887	0.5603	-0.1585	7.31E-4	1.11E-4	2.91E-5
	CC18	0.0902	-0.5738	-0.0589	-7.52E-4	-9.11E-5	-3.24E-5
	CC19	0.0868	-0.6307	-0.0515	-8.18E-4	-8.58E-5	-6.43E-6
	CC20	-0.0509	-0.7664	-0.0052	-9.84E-4	9.01E-5	7.64E-5
	CC21	-0.0542	-0.8233	0.0021	-1.05E-3	9.54E-5	1.02E-4
504	CC1	0.0013	-0.0066	-0.1115	-1.23E-5	6.53E-6	5.13E-7
	CC2	0.0013	-0.0066	-0.1115	-1.23E-5	6.53E-6	5.13E-7
	CC3	0.0013	-0.0066	-0.1115	-1.23E-5	6.53E-6	5.13E-7
	CC4	0.0014	-0.0060	-0.1092	-1.13E-5	5.77E-6	5.80E-7
	CC5	0.0014	-0.0060	-0.1092	-1.13E-5	5.77E-6	5.80E-7
	CC6	0.2068	0.4752	-0.2235	6.61E-4	-2.80E-4	-2.12E-4
	CC7	0.2058	0.4583	-0.2211	6.39E-4	-2.80E-4	-2.03E-4
	CC8	0.2158	0.1042	-0.1755	1.40E-4	-3.25E-4	-1.71E-4
	CC9	0.2148	0.0874	-0.1731	1.18E-4	-3.26E-4	-1.62E-4
	CC10	-0.2118	-0.0989	-0.0437	-1.40E-4	3.37E-4	1.64E-4
	CC11	-0.2128	-0.1158	-0.0413	-1.62E-4	3.36E-4	1.72E-4
	CC12	-0.2028	-0.4699	0.0043	-6.61E-4	2.92E-4	2.04E-4
	CC13	-0.2038	-0.4867	0.0067	-6.82E-4	2.91E-4	2.13E-4
	CC14	0.0508	0.7242	-0.2191	1.01E-3	-1.13E-5	-1.37E-4
	CC15	0.0477	0.6730	-0.2117	9.44E-4	-1.26E-5	-1.10E-4
	CC16	-0.0747	0.5519	-0.1651	7.69E-4	1.74E-4	-2.39E-5
	CC17	-0.0779	0.5008	-0.1578	7.03E-4	1.72E-4	2.56E-6
	CC18	0.0809	-0.5123	-0.0590	-7.25E-4	-1.61E-4	-1.35E-6
	CC19	0.0777	-0.5635	-0.0517	-7.91E-4	-1.63E-4	2.51E-5
	CC20	-0.0447	-0.6846	-0.0051	-9.66E-4	2.36E-5	1.11E-4
	CC21	-0.0478	-0.7357	0.0023	-1.03E-3	2.23E-5	1.38E-4
505	CC1	0.0070	-0.0216	-0.0941	-3.15E-5	0.00E+0	1.07E-5
	CC2	0.0070	-0.0216	-0.0941	-3.15E-5	0.00E+0	1.07E-5
	CC3	0.0070	-0.0216	-0.0941	-3.15E-5	0.00E+0	1.07E-5
	CC4	0.0065	-0.0203	-0.0914	-2.97E-5	0.00E+0	9.31E-6
	CC5	0.0065	-0.0203	-0.0914	-2.97E-5	0.00E+0	9.31E-6
	CC6	0.2546	0.0831	-0.0756	7.34E-5	3.06E-29	-2.61E-4
	CC7	0.2572	0.0836	-0.0753	7.50E-5	3.06E-29	-2.49E-4
	CC8	0.2801	-0.3401	-0.0022	-3.63E-4	1.14E-29	-2.20E-4
	CC9	0.2827	-0.3396	-0.0019	-3.61E-4	1.14E-29	-2.09E-4
	CC10	-0.2699	0.2999	-0.1790	3.03E-4	-1.14E-29	2.26E-4
	CC11	-0.2673	0.3004	-0.1787	3.04E-4	-1.14E-29	2.38E-4
	CC12	-0.2444	-0.1233	-0.1056	-1.33E-4	-3.06E-29	2.67E-4
	CC13	-0.2418	-0.1228	-0.1053	-1.32E-4	-3.06E-29	2.78E-4
	CC14	0.0385	0.6522	-0.1976	6.60E-4	3.82E-29	-1.49E-4
	CC15	0.0465	0.6538	-0.1967	6.65E-4	3.82E-29	-1.15E-4
	CC16	-0.1188	0.7173	-0.2287	7.29E-4	2.56E-29	-3.15E-6
	CC17	-0.1109	0.7188	-0.2277	7.34E-4	2.56E-29	3.12E-5
	CC18	0.1237	-0.7585	0.0468	-7.92E-4	-2.56E-29	-1.35E-5
	CC19	0.1316	-0.7570	0.0478	-7.88E-4	-2.56E-29	2.09E-5
	CC20	-0.0337	-0.6935	0.0158	-7.24E-4	-3.82E-29	1.33E-4
	CC21	-0.0258	-0.6919	0.0167	-7.19E-4	-3.82E-29	1.67E-4

506	CC1	0.0056	-0.0218	-0.0967	-5.47E-5	0.00E+0	1.06E-5
	CC2	0.0056	-0.0218	-0.0967	-5.47E-5	0.00E+0	1.06E-5
	CC3	0.0056	-0.0218	-0.0967	-5.47E-5	0.00E+0	1.06E-5
	CC4	0.0057	-0.0203	-0.0938	-5.11E-5	0.00E+0	9.79E-6
	CC5	0.0057	-0.0203	-0.0938	-5.11E-5	0.00E+0	9.79E-6
	CC6	0.2539	0.1469	-0.0604	7.17E-5	3.72E-29	-2.60E-4
	CC7	0.2565	0.1448	-0.0596	7.07E-5	3.72E-29	-2.49E-4
	CC8	0.2795	-0.2859	-0.0300	-2.97E-4	1.42E-29	-2.19E-4
	CC9	0.2821	-0.2881	-0.0293	-2.98E-4	1.42E-29	-2.08E-4
	CC10	-0.2706	0.2486	-0.1564	1.99E-4	-1.42E-29	2.27E-4
	CC11	-0.2680	0.2464	-0.1557	1.98E-4	-1.42E-29	2.38E-4
	CC12	-0.2450	-0.1843	-0.1260	-1.71E-4	-3.72E-29	2.68E-4
	CC13	-0.2424	-0.1864	-0.1253	-1.72E-4	-3.72E-29	2.79E-4
	CC14	0.0379	0.6897	-0.1302	5.48E-4	4.59E-29	-1.49E-4
	CC15	0.0458	0.6832	-0.1279	5.45E-4	4.59E-29	-1.14E-4
	CC16	-0.1195	0.7202	-0.1590	5.86E-4	3.05E-29	-2.51E-6
	CC17	-0.1115	0.7136	-0.1567	5.83E-4	3.05E-29	3.18E-5
	CC18	0.1230	-0.7531	-0.0289	-6.83E-4	-3.05E-29	-1.28E-5
	CC19	0.1309	-0.7597	-0.0267	-6.86E-4	-3.05E-29	-2.15E-5
	CC20	-0.0343	-0.7227	-0.0578	-6.45E-4	-4.59E-29	1.33E-4
	CC21	-0.0264	-0.7292	-0.0555	-6.48E-4	-4.59E-29	1.68E-4
507	CC1	0.0077	-0.0148	-0.0914	0.00E+0	-1.97E-5	-1.01E-5
	CC2	0.0077	-0.0148	-0.0914	0.00E+0	-1.97E-5	-1.01E-5
	CC3	0.0077	-0.0148	-0.0914	0.00E+0	-1.97E-5	-1.01E-5
	CC4	0.0072	-0.0138	-0.0894	0.00E+0	-1.85E-5	-8.95E-6
	CC5	0.0072	-0.0138	-0.0894	0.00E+0	-1.85E-5	-8.95E-6
	CC6	0.2961	-0.5643	-0.0371	1.79E-29	-2.96E-4	-2.78E-4
	CC7	0.2938	-0.5364	-0.0391	1.79E-29	-2.94E-4	-2.67E-4
	CC8	0.3038	-0.8888	-0.0158	6.89E-3	-3.04E-4	-2.37E-4
	CC9	0.3015	-0.8608	-0.0178	6.89E-3	-3.02E-4	-2.26E-4
	CC10	-0.2874	0.8338	-0.1596	-6.89E-3	2.66E-4	2.09E-4
	CC11	-0.2898	0.8617	-0.1616	-6.89E-3	2.68E-4	2.20E-4
	CC12	-0.2797	0.5093	-0.1383	-1.79E-29	2.57E-4	2.50E-4
	CC13	-0.2821	0.5373	-0.1403	-1.79E-29	2.59E-4	2.61E-4
	CC14	0.0853	0.2750	-0.1029	2.21E-29	-9.06E-5	-1.67E-4
	CC15	0.0782	0.3599	-0.1090	2.21E-29	-8.45E-5	-1.32E-4
	CC16	-0.0898	0.6945	-0.1396	1.47E-29	7.79E-5	-2.06E-5
	CC17	-0.0969	0.7793	-0.1457	1.47E-29	8.40E-5	1.37E-5
	CC18	0.1109	-0.8064	-0.0317	-1.47E-29	-1.20E-4	-3.09E-5
	CC19	0.1038	-0.7215	-0.0377	-1.47E-29	-1.14E-4	3.43E-6
	CC20	-0.0641	-0.3869	-0.0684	-2.21E-29	4.82E-5	1.15E-4
	CC21	-0.0713	-0.3021	-0.0745	-2.21E-29	5.43E-5	1.49E-4
508	CC1	0.0088	-0.0148	-0.0933	0.00E+0	-2.48E-5	-1.23E-5
	CC2	0.0088	-0.0148	-0.0933	0.00E+0	-2.48E-5	-1.23E-5
	CC3	0.0088	-0.0148	-0.0933	0.00E+0	-2.48E-5	-1.23E-5
	CC4	0.0082	-0.0139	-0.0911	0.00E+0	-2.32E-5	-1.11E-5
	CC5	0.0082	-0.0139	-0.0911	0.00E+0	-2.32E-5	-1.11E-5
	CC6	0.3078	-0.5644	-0.0491	2.73E-29	-3.13E-4	-2.80E-4
	CC7	0.3044	-0.5364	-0.0485	2.73E-29	-3.10E-4	-2.69E-4
	CC8	0.3116	-0.8888	-0.0614	1.03E-29	-3.18E-4	-2.39E-4
	CC9	0.3082	-0.8608	-0.0607	1.03E-29	-3.15E-4	-2.28E-4
	CC10	-0.2922	0.8337	-0.1201	-1.03E-29	2.69E-4	2.07E-4
	CC11	-0.2957	0.8617	-0.1195	-1.03E-29	2.72E-4	2.18E-4
	CC12	-0.2884	0.5093	-0.1323	-2.73E-29	2.65E-4	2.47E-4
	CC13	-0.2919	0.5373	-0.1317	-2.73E-29	2.68E-4	2.59E-4
	CC14	0.0969	0.2750	-0.0603	3.41E-29	-1.07E-4	-1.69E-4
	CC15	0.0865	0.3599	-0.0585	3.41E-29	-9.78E-5	-1.34E-4
	CC16	-0.0831	0.6944	-0.0816	2.28E-29	6.79E-5	-2.27E-5
	CC17	-0.0935	0.7793	-0.0798	2.28E-29	7.70E-5	1.17E-5
	CC18	0.1095	-0.8064	-0.1011	-2.28E-29	-1.22E-4	-3.30E-5
	CC19	0.0991	-0.7215	-0.0992	-2.28E-29	-1.13E-4	1.36E-6
	CC20	-0.0705	-0.3870	-0.1223	-3.41E-29	5.24E-5	1.13E-4
	CC21	-0.0810	-0.3021	-0.1205	-3.41E-29	6.15E-5	1.47E-4
509	CC1	-0.0023	-0.0099	-0.1148	-8.86E-7	1.37E-5	5.25E-6
	CC2	-0.0023	-0.0099	-0.1148	-8.86E-7	1.37E-5	5.25E-6
	CC3	-0.0023	-0.0099	-0.1148	-8.86E-7	1.37E-5	5.25E-6
	CC4	-0.0019	-0.0090	-0.1122	-1.53E-8	1.29E-5	5.18E-6
	CC5	-0.0019	-0.0090	-0.1122	-1.53E-8	1.29E-5	5.18E-6
	CC6	0.3011	0.6426	-0.1500	2.72E-4	-2.60E-4	-2.64E-4
	CC7	0.2974	0.6201	-0.1516	2.64E-4	-2.58E-4	-2.53E-4
	CC8	0.3038	0.1365	-0.2015	3.78E-5	-2.81E-4	-2.24E-4
	CC9	0.3001	0.1140	-0.2032	2.91E-5	-2.79E-4	-2.12E-4

	CC10	-0.3037	-0.1314	-0.0194	-2.85E-5	3.04E-4	2.23E-4
	CC11	-0.3075	-0.1539	-0.0211	-3.72E-5	3.07E-4	2.34E-4
	CC12	-0.3010	-0.6375	-0.0710	-2.63E-4	2.83E-4	2.63E-4
	CC13	-0.3048	-0.6600	-0.0726	-2.72E-4	2.86E-4	2.75E-4
	CC14	0.0901	0.9850	-0.0425	4.49E-4	-4.06E-5	-1.53E-4
	CC15	0.0787	0.9167	-0.0475	4.23E-4	-3.36E-5	-1.19E-4
	CC16	-0.0914	0.7528	-0.0033	3.59E-4	1.29E-4	-6.86E-6
	CC17	-0.1027	0.6845	-0.0083	3.33E-4	1.36E-4	2.75E-5
	CC18	0.0991	-0.7019	-0.2143	-3.32E-4	-1.10E-4	-1.72E-5
	CC19	0.0877	-0.7702	-0.2193	-3.59E-4	-1.03E-4	1.72E-5
	CC20	-0.0824	-0.9341	-0.1751	-4.22E-4	5.90E-5	1.29E-4
	CC21	-0.0937	-1.0024	-0.1801	-4.49E-4	6.60E-5	1.63E-4
510	CC1	-0.0004	0.0000	-0.0859	2.68E-6	8.23E-6	-7.19E-7
	CC2	-0.0004	0.0000	-0.0859	2.68E-6	8.23E-6	-7.19E-7
	CC3	-0.0004	0.0000	-0.0859	2.68E-6	8.23E-6	-7.19E-7
	CC4	-0.0003	0.0000	-0.0840	2.60E-6	7.72E-6	-8.00E-7
	CC5	-0.0003	0.0000	-0.0840	2.60E-6	7.72E-6	-8.00E-7
	CC6	0.0088	-0.0211	-0.0611	2.50E-5	-2.02E-4	8.66E-6
	CC7	0.0087	-0.0201	-0.0622	2.40E-5	-1.99E-4	8.61E-6
	CC8	0.0096	-0.0323	-0.0485	3.92E-5	-2.18E-4	1.08E-5
	CC9	0.0094	-0.0312	-0.0496	3.82E-5	-2.15E-4	1.08E-5
	CC10	-0.0101	0.0312	-0.1170	-3.30E-5	2.30E-4	-1.24E-5
	CC11	-0.0102	0.0323	-0.1181	-3.41E-5	2.33E-4	-1.25E-5
	CC12	-0.0093	0.0201	-0.1044	-1.88E-5	2.14E-4	-1.03E-5
	CC13	-0.0094	0.0211	-0.1055	-1.99E-5	2.17E-4	-1.03E-5
	CC14	0.0014	0.0092	-0.0942	-1.08E-5	-3.41E-5	-1.16E-6
	CC15	0.0010	0.0122	-0.0975	-1.40E-5	-2.53E-5	-1.31E-6
	CC16	-0.0042	0.0249	-0.1110	-2.82E-5	9.54E-5	-7.48E-6
	CC17	-0.0046	0.0279	-0.1143	-3.14E-5	1.04E-4	-7.63E-6
	CC18	0.0040	-0.0279	-0.0523	3.65E-5	-8.92E-5	5.97E-6
	CC19	0.0036	-0.0249	-0.0556	3.34E-5	-8.03E-5	5.82E-6
	CC20	-0.0017	-0.0122	-0.0691	1.91E-5	4.04E-5	-3.48E-7
	CC21	-0.0021	-0.0092	-0.0724	1.59E-5	4.92E-5	-4.97E-7
511	CC1	-0.0006	-0.0001	-0.0863	2.34E-6	1.28E-5	4.92E-6
	CC2	-0.0006	-0.0001	-0.0863	2.34E-6	1.28E-5	4.92E-6
	CC3	-0.0006	-0.0001	-0.0863	2.34E-6	1.28E-5	4.92E-6
	CC4	-0.0005	-0.0001	-0.0843	2.18E-6	1.19E-5	4.62E-6
	CC5	-0.0005	-0.0001	-0.0843	2.18E-6	1.19E-5	4.62E-6
	CC6	0.0087	-0.0213	-0.0738	-4.13E-5	-2.02E-4	-3.52E-5
	CC7	0.0086	-0.0203	-0.0742	-4.00E-5	-2.00E-4	-3.63E-5
	CC8	0.0085	-0.0326	-0.0686	-4.83E-5	-1.98E-4	-1.93E-5
	CC9	0.0084	-0.0316	-0.0690	-4.70E-5	-1.96E-4	-2.05E-5
	CC10	-0.0094	0.0314	-0.0982	5.12E-5	2.19E-4	2.95E-5
	CC11	-0.0095	0.0324	-0.0986	5.25E-5	2.21E-4	2.84E-5
	CC12	-0.0096	0.0201	-0.0930	4.42E-5	2.23E-4	4.53E-5
	CC13	-0.0097	0.0212	-0.0934	4.56E-5	2.25E-4	4.42E-5
	CC14	0.0026	0.0092	-0.0880	-2.16E-6	-6.10E-5	-2.98E-5
	CC15	0.0024	0.0123	-0.0893	1.85E-6	-5.54E-5	-3.32E-5
	CC16	-0.0028	0.0250	-0.0953	2.56E-5	6.53E-5	-1.04E-5
	CC17	-0.0030	0.0281	-0.0966	2.96E-5	7.09E-5	-1.38E-5
	CC18	0.0020	-0.0283	-0.0706	-2.54E-5	-4.78E-5	2.29E-5
	CC19	0.0018	-0.0252	-0.0719	-2.13E-5	-4.22E-5	1.95E-5
	CC20	-0.0034	-0.0124	-0.0779	2.40E-6	7.86E-5	4.23E-5
	CC21	-0.0036	-0.0094	-0.0793	6.41E-6	8.42E-5	3.89E-5
512	CC1	-0.0017	-0.0010	-0.0885	-6.46E-6	1.46E-5	-1.24E-6
	CC2	-0.0017	-0.0010	-0.0885	-6.46E-6	1.46E-5	-1.24E-6
	CC3	-0.0017	-0.0010	-0.0885	-6.46E-6	1.46E-5	-1.24E-6
	CC4	-0.0016	-0.0010	-0.0864	-5.90E-6	1.40E-5	-1.66E-6
	CC5	-0.0016	-0.0010	-0.0864	-5.90E-6	1.40E-5	-1.66E-6
	CC6	0.0537	-0.0975	-0.0553	-1.72E-4	-2.73E-4	-4.59E-5
	CC7	0.0533	-0.0928	-0.0568	-1.64E-4	-2.72E-4	-4.41E-5
	CC8	0.0547	-0.1500	-0.0375	-2.69E-4	-2.61E-4	-3.93E-5
	CC9	0.0543	-0.1453	-0.0390	-2.61E-4	-2.60E-4	-3.75E-5
	CC10	-0.0574	0.1434	-0.1326	2.50E-4	2.88E-4	3.39E-5
	CC11	-0.0578	0.1481	-0.1341	2.58E-4	2.88E-4	3.58E-5
	CC12	-0.0565	0.0909	-0.1147	1.52E-4	3.00E-4	4.05E-5
	CC13	-0.0569	0.0956	-0.1162	1.60E-4	3.01E-4	4.23E-5
	CC14	0.0141	0.0433	-0.1016	8.10E-5	-9.18E-5	-2.74E-5
	CC15	0.0128	0.0575	-0.1062	1.06E-4	-8.97E-5	-2.19E-5
	CC16	-0.0192	0.1156	-0.1248	2.07E-4	7.64E-5	-3.49E-6
	CC17	-0.0205	0.1298	-0.1294	2.33E-4	7.85E-5	2.05E-6
	CC18	0.0173	-0.1317	-0.0422	-2.44E-4	-5.09E-5	-5.65E-6

	CC19	0.0161	-0.1175	-0.0467	-2.19E-4	-4.88E-5	-1.03E-7
	CC20	-0.0160	-0.0594	-0.0653	-1.18E-4	1.17E-4	1.83E-5
	CC21	-0.0173	-0.0452	-0.0699	-9.24E-5	1.19E-4	2.38E-5
513	CC1	-0.0009	-0.0003	-0.0872	3.07E-6	5.23E-6	-4.24E-6
	CC2	-0.0009	-0.0003	-0.0872	3.07E-6	5.23E-6	-4.24E-6
	CC3	-0.0009	-0.0003	-0.0872	3.07E-6	5.23E-6	-4.24E-6
	CC4	-0.0008	-0.0003	-0.0852	2.90E-6	4.78E-6	-4.45E-6
	CC5	-0.0008	-0.0003	-0.0852	2.90E-6	4.78E-6	-4.45E-6
	CC6	0.0297	-0.0552	-0.0582	3.55E-5	-2.82E-4	-2.70E-5
	CC7	0.0294	-0.0525	-0.0595	3.65E-5	-2.81E-4	-2.61E-5
	CC8	0.0311	-0.0846	-0.0429	2.38E-5	-2.72E-4	-2.46E-5
	CC9	0.0308	-0.0819	-0.0442	2.48E-5	-2.71E-4	-2.37E-5
	CC10	-0.0324	0.0814	-0.1249	-1.91E-5	2.81E-4	1.46E-5
	CC11	-0.0328	0.0840	-0.1262	-1.81E-5	2.82E-4	1.55E-5
	CC12	-0.0311	0.0519	-0.1096	-3.08E-5	2.90E-4	1.70E-5
	CC13	-0.0314	0.0546	-0.1109	-2.98E-5	2.91E-4	1.80E-5
	CC14	0.0067	0.0243	-0.0980	2.90E-5	-9.78E-5	-1.62E-5
	CC15	0.0057	0.0323	-0.1019	3.21E-5	-9.46E-5	-1.34E-5
	CC16	-0.0119	0.0652	-0.1180	1.26E-5	7.10E-5	-3.70E-6
	CC17	-0.0129	0.0732	-0.1220	1.57E-5	7.42E-5	-8.85E-7
	CC18	0.0113	-0.0738	-0.0472	-9.97E-6	-6.50E-5	-8.16E-6
	CC19	0.0103	-0.0658	-0.0511	-6.91E-6	-6.18E-5	-5.34E-6
	CC20	-0.0074	-0.0329	-0.0672	-2.64E-5	1.04E-4	4.33E-6
	CC21	-0.0084	-0.0248	-0.0711	-2.33E-5	1.07E-4	7.15E-6
514	CC1	-0.0014	-0.0005	-0.0879	-4.99E-7	6.77E-6	1.48E-5
	CC2	-0.0014	-0.0005	-0.0879	-4.99E-7	6.77E-6	1.48E-5
	CC3	-0.0014	-0.0005	-0.0879	-4.99E-7	6.77E-6	1.48E-5
	CC4	-0.0013	-0.0004	-0.0858	-6.15E-7	6.03E-6	1.40E-5
	CC5	-0.0013	-0.0004	-0.0858	-6.15E-7	6.03E-6	1.40E-5
	CC6	0.0305	-0.0558	-0.0783	-9.27E-5	-3.00E-4	3.10E-5
	CC7	0.0302	-0.0531	-0.0786	-8.83E-5	-2.96E-4	3.01E-5
	CC8	0.0302	-0.0855	-0.0750	-1.34E-4	-3.10E-4	5.33E-5
	CC9	0.0299	-0.0828	-0.0752	-1.29E-4	-3.06E-4	5.24E-5
	CC10	-0.0324	0.0820	-0.0951	1.28E-4	3.18E-4	-2.49E-5
	CC11	-0.0327	0.0847	-0.0954	1.32E-4	3.22E-4	-2.58E-5
	CC12	-0.0327	0.0523	-0.0917	8.69E-5	3.08E-4	-2.64E-6
	CC13	-0.0330	0.0549	-0.0920	9.14E-5	3.12E-4	-3.54E-6
	CC14	0.0091	0.0244	-0.0878	2.78E-5	-7.55E-5	-1.37E-5
	CC15	0.0082	0.0325	-0.0886	4.13E-5	-6.39E-5	-1.64E-5
	CC16	-0.0097	0.0657	-0.0928	9.40E-5	1.10E-4	-3.05E-5
	CC17	-0.0107	0.0738	-0.0937	1.07E-4	1.21E-4	-3.32E-5
	CC18	0.0081	-0.0746	-0.0767	-1.09E-4	-1.10E-4	6.06E-5
	CC19	0.0072	-0.0665	-0.0775	-9.53E-5	-9.83E-5	5.79E-5
	CC20	-0.0108	-0.0333	-0.0817	-4.26E-5	7.55E-5	4.39E-5
	CC21	-0.0117	-0.0252	-0.0825	-2.91E-5	8.71E-5	4.11E-5
515	CC1	-0.0024	-0.0011	-0.0894	2.22E-6	1.56E-5	1.58E-5
	CC2	-0.0024	-0.0011	-0.0894	2.22E-6	1.56E-5	1.58E-5
	CC3	-0.0024	-0.0011	-0.0894	2.22E-6	1.56E-5	1.58E-5
	CC4	-0.0022	-0.0010	-0.0873	2.12E-6	1.50E-5	1.49E-5
	CC5	-0.0022	-0.0010	-0.0873	2.12E-6	1.50E-5	1.49E-5
	CC6	0.0561	-0.0982	-0.0825	-1.46E-4	-2.82E-4	-1.62E-5
	CC7	0.0555	-0.0935	-0.0826	-1.39E-4	-2.78E-4	-1.50E-5
	CC8	0.0555	-0.1510	-0.0813	-2.37E-4	-2.86E-4	-4.80E-6
	CC9	0.0549	-0.1463	-0.0814	-2.29E-4	-2.83E-4	-3.56E-6
	CC10	-0.0592	0.1443	-0.0919	2.33E-4	3.12E-4	3.27E-5
	CC11	-0.0598	0.1490	-0.0919	2.41E-4	3.16E-4	3.39E-5
	CC12	-0.0598	0.0914	-0.0907	1.43E-4	3.08E-4	4.41E-5
	CC13	-0.0604	0.0962	-0.0908	1.50E-4	3.12E-4	4.53E-5
	CC14	0.0171	0.0436	-0.0871	8.49E-5	-7.25E-5	-1.37E-5
	CC15	0.0153	0.0579	-0.0873	1.08E-4	-6.20E-5	-9.94E-6
	CC16	-0.0175	0.1163	-0.0899	1.99E-4	1.06E-4	9.92E-7
	CC17	-0.0193	0.1306	-0.0901	2.22E-4	1.16E-4	4.73E-6
	CC18	0.0150	-0.1326	-0.0831	-2.17E-4	-8.67E-5	2.44E-5
	CC19	0.0132	-0.1184	-0.0834	-1.95E-4	-7.62E-5	2.81E-5
	CC20	-0.0196	-0.0599	-0.0860	-1.03E-4	9.16E-5	3.91E-5
	CC21	-0.0214	-0.0456	-0.0862	-8.07E-5	1.02E-4	4.28E-5
516	CC1	-0.0013	-0.0003	-0.0874	-3.85E-6	4.07E-7	-9.75E-7
	CC2	-0.0013	-0.0003	-0.0874	-3.85E-6	4.07E-7	-9.75E-7
	CC3	-0.0013	-0.0003	-0.0874	-3.85E-6	4.07E-7	-9.75E-7
	CC4	-0.0012	-0.0003	-0.0853	-3.62E-6	4.16E-7	-8.54E-7
	CC5	-0.0012	-0.0003	-0.0853	-3.62E-6	4.16E-7	-8.54E-7
	CC6	0.0115	-0.0278	-0.0634	-4.06E-4	-4.61E-5	-2.11E-4

	CC7	0.0114	-0.0265	-0.0628	-3.87E-4	-4.38E-5	-2.01E-4
	CC8	0.0100	-0.0410	-0.0708	-6.07E-4	-7.23E-5	-2.91E-4
	CC9	0.0100	-0.0397	-0.0703	-5.87E-4	-7.01E-5	-2.81E-4
	CC10	-0.0123	0.0391	-0.0990	5.80E-4	7.09E-5	2.80E-4
	CC11	-0.0124	0.0404	-0.0985	5.99E-4	7.32E-5	2.90E-4
	CC12	-0.0138	0.0259	-0.1065	3.80E-4	4.47E-5	2.00E-4
	CC13	-0.0138	0.0272	-0.1059	3.99E-4	4.69E-5	2.09E-4
	CC14	0.0049	0.0097	-0.0677	1.53E-4	2.31E-5	4.44E-5
	CC15	0.0047	0.0137	-0.0661	2.12E-4	3.00E-5	7.38E-5
	CC16	-0.0022	0.0298	-0.0784	4.49E-4	5.82E-5	1.92E-4
	CC17	-0.0024	0.0338	-0.0768	5.08E-4	6.51E-5	2.21E-4
	CC18	0.0001	-0.0344	-0.0925	-5.15E-4	-6.43E-5	-2.23E-4
	CC19	-0.0001	-0.0304	-0.0909	-4.56E-4	-5.74E-5	-1.93E-4
	CC20	-0.0070	-0.0143	-0.1032	-2.19E-4	-2.92E-5	-7.54E-5
	CC21	-0.0073	-0.0103	-0.1016	-1.60E-4	-2.23E-5	-4.61E-5
517	CC1	-0.0025	-0.0008	-0.0890	-3.22E-6	8.34E-7	-4.28E-6
	CC2	-0.0025	-0.0008	-0.0890	-3.22E-6	8.34E-7	-4.28E-6
	CC3	-0.0025	-0.0008	-0.0890	-3.22E-6	8.34E-7	-4.28E-6
	CC4	-0.0023	-0.0008	-0.0869	-2.93E-6	8.35E-7	-3.94E-6
	CC5	-0.0023	-0.0008	-0.0869	-2.93E-6	8.35E-7	-3.94E-6
	CC6	0.0312	-0.0659	-0.0488	-4.60E-4	-9.54E-5	-1.55E-4
	CC7	0.0308	-0.0628	-0.0477	-4.38E-4	-9.07E-5	-1.48E-4
	CC8	0.0296	-0.0988	-0.0630	-6.99E-4	-1.48E-4	-2.00E-4
	CC9	0.0293	-0.0957	-0.0619	-6.76E-4	-1.43E-4	-1.93E-4
	CC10	-0.0337	0.0943	-0.1105	6.71E-4	1.45E-4	1.85E-4
	CC11	-0.0341	0.0974	-0.1095	6.93E-4	1.50E-4	1.92E-4
	CC12	-0.0353	0.0613	-0.1247	4.32E-4	9.24E-5	1.40E-4
	CC13	-0.0357	0.0644	-0.1236	4.55E-4	9.71E-5	1.47E-4
	CC14	0.0106	0.0254	-0.0550	1.91E-4	4.52E-5	1.03E-5
	CC15	0.0095	0.0349	-0.0517	2.59E-4	5.94E-5	3.11E-5
	CC16	-0.0088	0.0735	-0.0735	5.30E-4	1.17E-4	1.12E-4
	CC17	-0.0100	0.0829	-0.0702	5.98E-4	1.31E-4	1.33E-4
	CC18	0.0055	-0.0844	-0.1022	-6.04E-4	-1.30E-4	-1.41E-4
	CC19	0.0043	-0.0749	-0.0989	-5.36E-4	-1.16E-4	-1.20E-4
	CC20	-0.0140	-0.0363	-0.1207	-2.64E-4	-5.77E-5	-3.87E-5
	CC21	-0.0151	-0.0269	-0.1174	-1.97E-4	-4.35E-5	-1.79E-5
518	CC1	-0.0032	-0.0014	-0.0904	-8.39E-6	-1.65E-6	-8.17E-6
	CC2	-0.0032	-0.0014	-0.0904	-8.39E-6	-1.65E-6	-8.17E-6
	CC3	-0.0032	-0.0014	-0.0904	-8.39E-6	-1.65E-6	-8.17E-6
	CC4	-0.0030	-0.0013	-0.0883	-7.82E-6	-1.53E-6	-7.65E-6
	CC5	-0.0030	-0.0013	-0.0883	-7.82E-6	-1.53E-6	-7.65E-6
	CC6	0.0561	-0.1074	-0.0362	-4.83E-4	-9.10E-5	-7.87E-5
	CC7	0.0554	-0.1022	-0.0346	-4.59E-4	-8.66E-5	-7.57E-5
	CC8	0.0547	-0.1624	-0.0562	-7.34E-4	-1.41E-4	-7.81E-5
	CC9	0.0540	-0.1573	-0.0546	-7.11E-4	-1.37E-4	-7.51E-5
	CC10	-0.0598	0.1547	-0.1205	6.95E-4	1.34E-4	6.02E-5
	CC11	-0.0606	0.1598	-0.1190	7.19E-4	1.38E-4	6.32E-5
	CC12	-0.0612	0.0997	-0.1405	4.44E-4	8.36E-5	6.07E-5
	CC13	-0.0620	0.1048	-0.1389	4.67E-4	8.81E-5	6.37E-5
	CC14	0.0180	0.0434	-0.0440	1.99E-4	4.15E-5	-3.38E-5
	CC15	0.0157	0.0589	-0.0393	2.70E-4	5.49E-5	-2.47E-5
	CC16	-0.0168	0.1220	-0.0693	5.52E-4	1.09E-4	7.85E-6
	CC17	-0.0191	0.1375	-0.0646	6.23E-4	1.22E-4	1.70E-5
	CC18	0.0133	-0.1401	-0.1105	-6.38E-4	-1.25E-4	-3.19E-5
	CC19	0.0110	-0.1246	-0.1058	-5.68E-4	-1.12E-4	-2.28E-5
	CC20	-0.0215	-0.0615	-0.1358	-2.85E-4	-5.79E-5	9.71E-6
	CC21	-0.0238	-0.0459	-0.1311	-2.14E-4	-4.45E-5	1.89E-5
519	CC1	-0.0007	-0.0001	-0.0860	-5.43E-7	-5.96E-7	-1.76E-6
	CC2	-0.0007	-0.0001	-0.0860	-5.43E-7	-5.96E-7	-1.76E-6
	CC3	-0.0007	-0.0001	-0.0860	-5.43E-7	-5.96E-7	-1.76E-6
	CC4	-0.0006	-0.0001	-0.0841	-3.31E-7	-5.61E-7	-1.58E-6
	CC5	-0.0006	-0.0001	-0.0841	-3.31E-7	-5.61E-7	-1.58E-6
	CC6	0.0109	-0.0276	-0.0430	-3.98E-4	-4.54E-5	-2.22E-4
	CC7	0.0107	-0.0263	-0.0450	-3.79E-4	-4.32E-5	-2.12E-4
	CC8	0.0125	-0.0407	-0.0207	-5.99E-4	-7.19E-5	-3.10E-4
	CC9	0.0124	-0.0394	-0.0227	-5.80E-4	-6.97E-5	-2.99E-4
	CC10	-0.0136	0.0392	-0.1441	5.80E-4	6.86E-5	2.96E-4
	CC11	-0.0138	0.0405	-0.1461	5.99E-4	7.08E-5	3.07E-4
	CC12	-0.0120	0.0260	-0.1219	3.78E-4	4.21E-5	2.08E-4
	CC13	-0.0122	0.0273	-0.1239	3.98E-4	4.43E-5	2.19E-4
	CC14	0.0005	0.0099	-0.1023	1.60E-4	2.32E-5	5.18E-5
	CC15	0.0000	0.0138	-0.1083	2.18E-4	2.99E-5	8.27E-5

	CC16	-0.0068	0.0299	-0.1326	4.53E-4	5.74E-5	2.07E-4
	CC17	-0.0073	0.0338	-0.1387	5.11E-4	6.41E-5	2.38E-4
	CC18	0.0060	-0.0341	-0.0282	-5.12E-4	-6.52E-5	-2.41E-4
	CC19	0.0055	-0.0301	-0.0343	-4.54E-4	-5.85E-5	-2.10E-4
	CC20	-0.0013	-0.0140	-0.0586	-2.18E-4	-3.10E-5	-8.57E-5
	CC21	-0.0018	-0.0101	-0.0646	-1.60E-4	-2.43E-5	-5.48E-5
520	CC1	-0.0013	-0.0005	-0.0869	-4.81E-6	-6.48E-7	-4.52E-6
	CC2	-0.0013	-0.0005	-0.0869	-4.81E-6	-6.48E-7	-4.52E-6
	CC3	-0.0013	-0.0005	-0.0869	-4.81E-6	-6.48E-7	-4.52E-6
	CC4	-0.0013	-0.0004	-0.0850	-4.43E-6	-5.99E-7	-4.19E-6
	CC5	-0.0013	-0.0004	-0.0850	-4.43E-6	-5.99E-7	-4.19E-6
	CC6	0.0286	-0.0649	-0.0325	-4.38E-4	-8.88E-5	-1.73E-4
	CC7	0.0283	-0.0618	-0.0351	-4.17E-4	-8.45E-5	-1.65E-4
	CC8	0.0308	-0.0974	-0.0036	-6.69E-4	-1.38E-4	-2.29E-4
	CC9	0.0305	-0.0943	-0.0061	-6.48E-4	-1.34E-4	-2.22E-4
	CC10	-0.0330	0.0935	-0.1625	6.40E-4	1.33E-4	2.13E-4
	CC11	-0.0333	0.0966	-0.1650	6.61E-4	1.37E-4	2.21E-4
	CC12	-0.0309	0.0610	-0.1336	4.09E-4	8.34E-5	1.57E-4
	CC13	-0.0311	0.0641	-0.1361	4.30E-4	8.76E-5	1.65E-4
	CC14	0.0048	0.0253	-0.1091	1.87E-4	4.20E-5	2.03E-5
	CC15	0.0040	0.0347	-0.1169	2.51E-4	5.49E-5	4.39E-5
	CC16	-0.0137	0.0728	-0.1481	5.10E-4	1.08E-4	1.36E-4
	CC17	-0.0145	0.0822	-0.1559	5.75E-4	1.21E-4	1.60E-4
	CC18	0.0120	-0.0830	-0.0127	-5.83E-4	-1.23E-4	-1.68E-4
	CC19	0.0112	-0.0737	-0.0205	-5.19E-4	-1.10E-4	-1.44E-4
	CC20	-0.0065	-0.0355	-0.0517	-2.60E-4	-5.61E-5	-5.21E-5
	CC21	-0.0073	-0.0261	-0.0595	-1.96E-4	-4.31E-5	-2.85E-5
521	CC1	-0.0018	-0.0012	-0.0876	-8.99E-6	-2.20E-6	-5.35E-6
	CC2	-0.0018	-0.0012	-0.0876	-8.99E-6	-2.20E-6	-5.35E-6
	CC3	-0.0018	-0.0012	-0.0876	-8.99E-6	-2.20E-6	-5.35E-6
	CC4	-0.0017	-0.0011	-0.0857	-8.41E-6	-2.07E-6	-4.96E-6
	CC5	-0.0017	-0.0011	-0.0857	-8.41E-6	-2.07E-6	-4.96E-6
	CC6	0.0511	-0.1058	-0.0233	-4.72E-4	-9.21E-5	-1.01E-4
	CC7	0.0508	-0.1008	-0.0264	-4.49E-4	-8.77E-5	-9.70E-5
	CC8	0.0531	-0.1601	0.0117	-7.24E-4	-1.44E-4	-1.16E-4
	CC9	0.0528	-0.1551	0.0086	-7.01E-4	-1.40E-4	-1.11E-4
	CC10	-0.0562	0.1530	-0.1787	6.84E-4	1.36E-4	1.02E-4
	CC11	-0.0565	0.1581	-0.1817	7.07E-4	1.40E-4	1.06E-4
	CC12	-0.0542	0.0987	-0.1436	4.33E-4	8.36E-5	8.74E-5
	CC13	-0.0545	0.1038	-0.1467	4.56E-4	8.81E-5	9.17E-5
	CC14	0.0115	0.0429	-0.1154	2.03E-4	4.40E-5	-1.79E-5
	CC15	0.0106	0.0583	-0.1248	2.72E-4	5.75E-5	-4.77E-6
	CC16	-0.0207	0.1206	-0.1620	5.50E-4	1.12E-4	4.30E-5
	CC17	-0.0216	0.1359	-0.1714	6.19E-4	1.26E-4	5.62E-5
	CC18	0.0182	-0.1380	0.0014	-6.35E-4	-1.30E-4	-6.58E-5
	CC19	0.0173	-0.1226	-0.0080	-5.66E-4	-1.16E-4	-5.27E-5
	CC20	-0.0140	-0.0603	-0.0452	-2.88E-4	-6.16E-5	-4.88E-6
	CC21	-0.0149	-0.0450	-0.0546	-2.19E-4	-4.81E-5	8.26E-6
522	CC1	-0.0002	-0.0011	-0.1052	-1.27E-5	0.00E+0	1.01E-6
	CC2	-0.0002	-0.0011	-0.1052	-1.27E-5	0.00E+0	1.01E-6
	CC3	-0.0002	-0.0011	-0.1052	-1.27E-5	0.00E+0	1.01E-6
	CC4	-0.0002	-0.0011	-0.1014	-1.19E-5	0.00E+0	9.82E-7
	CC5	-0.0002	-0.0011	-0.1014	-1.19E-5	0.00E+0	9.82E-7
	CC6	0.0646	-0.0085	-0.0695	-4.88E-5	1.25E-29	-4.74E-5
	CC7	0.0638	-0.0076	-0.0697	-4.35E-5	1.25E-29	-4.53E-5
	CC8	0.0637	-0.0668	-0.0751	-4.29E-4	4.72E-3	-4.88E-5
	CC9	0.0628	-0.0659	-0.0752	-4.24E-4	4.72E-3	-4.67E-5
	CC10	-0.0631	0.0639	-0.1251	4.01E-4	-4.72E-3	4.86E-5
	CC11	-0.0640	0.0647	-0.1252	4.06E-4	-4.72E-3	5.08E-5
	CC12	-0.0641	0.0056	-0.1306	2.03E-5	-1.25E-29	4.72E-5
	CC13	-0.0649	0.0064	-0.1307	2.56E-5	-1.25E-29	4.94E-5
	CC14	0.0218	0.0840	-0.0824	5.47E-4	1.55E-29	-1.44E-5
	CC15	0.0193	0.0866	-0.0828	5.63E-4	1.55E-29	-7.88E-6
	CC16	-0.0165	0.1057	-0.0991	6.82E-4	1.03E-29	1.44E-5
	CC17	-0.0190	0.1083	-0.0994	6.98E-4	1.03E-29	2.09E-5
	CC18	0.0187	-0.1103	-0.1008	-7.21E-4	-1.03E-29	-1.90E-5
	CC19	0.0162	-0.1077	-0.1012	-7.05E-4	-1.03E-29	-1.25E-5
	CC20	-0.0196	-0.0886	-0.1175	-5.86E-4	-1.55E-29	9.82E-6
	CC21	-0.0222	-0.0860	-0.1178	-5.70E-4	-1.55E-29	1.63E-5
523	CC1	0.0001	-0.0003	-0.1032	-5.36E-6	0.00E+0	4.65E-7
	CC2	0.0001	-0.0003	-0.1032	-5.36E-6	0.00E+0	4.65E-7
	CC3	0.0001	-0.0003	-0.1032	-5.36E-6	0.00E+0	4.65E-7

	CC4	0.0001	-0.0003	-0.0995	-5.03E-6	0.00E+0	4.58E-7
	CC5	0.0001	-0.0003	-0.0995	-5.03E-6	0.00E+0	4.58E-7
	CC6	0.0365	-0.0043	-0.0745	-5.09E-5	2.91E-29	-3.43E-5
	CC7	0.0360	-0.0039	-0.0746	-4.62E-5	2.91E-29	-3.27E-5
	CC8	0.0359	-0.0328	-0.0798	-3.53E-4	1.09E-29	-4.11E-5
	CC9	0.0355	-0.0324	-0.0798	-3.48E-4	1.09E-29	-3.95E-5
	CC10	-0.0353	0.0318	-0.1167	3.39E-4	-1.09E-29	4.04E-5
	CC11	-0.0357	0.0322	-0.1167	3.43E-4	-1.09E-29	4.20E-5
	CC12	-0.0358	0.0033	-0.1220	3.64E-5	-2.91E-29	3.36E-5
	CC13	-0.0363	0.0037	-0.1220	4.11E-5	-2.91E-29	3.52E-5
	CC14	0.0125	0.0411	-0.0831	4.33E-4	3.64E-29	-1.90E-6
	CC15	0.0111	0.0424	-0.0832	4.48E-4	3.64E-29	2.92E-6
	CC16	-0.0090	0.0519	-0.0958	5.50E-4	2.44E-29	2.05E-5
	CC17	-0.0104	0.0532	-0.0959	5.64E-4	2.44E-29	2.53E-5
	CC18	0.0107	-0.0538	-0.1007	-5.74E-4	-2.44E-29	-2.44E-5
	CC19	0.0092	-0.0526	-0.1008	-5.60E-4	-2.44E-29	-1.96E-5
	CC20	-0.0109	-0.0430	-0.1133	-4.57E-4	-3.64E-29	-2.01E-6
	CC21	-0.0123	-0.0417	-0.1134	-4.43E-4	-3.64E-29	2.82E-6
524	CC1	0.0003	-0.0001	-0.1011	-1.39E-6	0.00E+0	2.46E-7
	CC2	0.0003	-0.0001	-0.1011	-1.39E-6	0.00E+0	2.46E-7
	CC3	0.0003	-0.0001	-0.1011	-1.39E-6	0.00E+0	2.46E-7
	CC4	0.0002	-0.0001	-0.0975	-1.31E-6	0.00E+0	2.40E-7
	CC5	0.0002	-0.0001	-0.0975	-1.31E-6	0.00E+0	2.40E-7
	CC6	0.0116	-0.0010	-0.0733	-3.01E-5	7.27E-3	-1.81E-5
	CC7	0.0115	-0.0009	-0.0733	-2.73E-5	7.27E-3	-1.72E-5
	CC8	0.0114	-0.0086	-0.0784	-2.04E-4	2.71E-3	-3.05E-5
	CC9	0.0113	-0.0085	-0.0784	-2.01E-4	2.71E-3	-2.96E-5
	CC10	-0.0108	0.0084	-0.1142	1.99E-4	-2.71E-3	3.00E-5
	CC11	-0.0110	0.0085	-0.1142	2.01E-4	-2.71E-3	3.09E-5
	CC12	-0.0110	0.0008	-0.1193	2.48E-5	-7.27E-3	1.77E-5
	CC13	-0.0111	0.0009	-0.1193	2.75E-5	-7.27E-3	1.86E-5
	CC14	0.0041	0.0110	-0.0816	2.50E-4	9.10E-3	1.23E-5
	CC15	0.0037	0.0114	-0.0817	2.58E-4	9.10E-3	1.50E-5
	CC16	-0.0026	0.0138	-0.0939	3.19E-4	6.11E-3	2.67E-5
	CC17	-0.0031	0.0142	-0.0940	3.27E-4	6.11E-3	2.95E-5
	CC18	0.0035	-0.0143	-0.0986	-3.29E-4	-6.11E-3	-2.90E-5
	CC19	0.0031	-0.0139	-0.0987	-3.21E-4	-6.11E-3	-2.62E-5
	CC20	-0.0032	-0.0115	-0.1109	-2.61E-4	-9.10E-3	-1.45E-5
	CC21	-0.0036	-0.0112	-0.1110	-2.52E-4	-9.10E-3	-1.18E-5
525	CC1	-0.0006	-0.0001	-0.1011	-2.76E-6	0.00E+0	4.99E-7
	CC2	-0.0006	-0.0001	-0.1011	-2.76E-6	0.00E+0	4.99E-7
	CC3	-0.0006	-0.0001	-0.1011	-2.76E-6	0.00E+0	4.99E-7
	CC4	-0.0005	-0.0001	-0.0975	-2.58E-6	0.00E+0	4.60E-7
	CC5	-0.0005	-0.0001	-0.0975	-2.58E-6	0.00E+0	4.60E-7
	CC6	0.0155	-0.0012	-0.0526	-2.21E-5	2.93E-29	-1.01E-5
	CC7	0.0153	-0.0011	-0.0529	-1.98E-5	2.93E-29	-9.86E-6
	CC8	0.0152	-0.0085	-0.0579	-1.91E-4	1.10E-29	6.81E-6
	CC9	0.0150	-0.0084	-0.0582	-1.89E-4	1.10E-29	7.07E-6
	CC10	-0.0161	0.0082	-0.1344	1.84E-4	-1.10E-29	-6.17E-6
	CC11	-0.0163	0.0083	-0.1347	1.86E-4	-1.10E-29	-5.91E-6
	CC12	-0.0164	0.0009	-0.1398	1.48E-5	-2.93E-29	1.08E-5
	CC13	-0.0166	0.0010	-0.1401	1.71E-5	-2.93E-29	1.10E-5
	CC14	0.0051	0.0105	-0.0747	2.45E-4	3.65E-29	-2.88E-5
	CC15	0.0044	0.0108	-0.0756	2.52E-4	3.65E-29	-2.80E-5
	CC16	-0.0044	0.0133	-0.0992	3.06E-4	2.44E-29	-2.76E-5
	CC17	-0.0050	0.0136	-0.1002	3.13E-4	2.44E-29	-2.68E-5
	CC18	0.0040	-0.0138	-0.0925	-3.19E-4	-2.44E-29	2.77E-5
	CC19	0.0034	-0.0135	-0.0934	-3.12E-4	-2.44E-29	2.85E-5
	CC20	-0.0055	-0.0110	-0.1171	-2.57E-4	-3.65E-29	2.89E-5
	CC21	-0.0061	-0.0107	-0.1180	-2.50E-4	-3.65E-29	2.97E-5
526	CC1	-0.0009	-0.0005	-0.1029	-7.37E-6	0.00E+0	8.85E-7
	CC2	-0.0009	-0.0005	-0.1029	-7.37E-6	0.00E+0	8.85E-7
	CC3	-0.0009	-0.0005	-0.1029	-7.37E-6	0.00E+0	8.85E-7
	CC4	-0.0008	-0.0005	-0.0992	-6.91E-6	0.00E+0	8.10E-7
	CC5	-0.0008	-0.0005	-0.0992	-6.91E-6	0.00E+0	8.10E-7
	CC6	0.0368	-0.0031	-0.0425	-1.57E-5	3.28E-29	-2.69E-5
	CC7	0.0363	-0.0028	-0.0430	-1.25E-5	3.28E-29	-2.59E-5
	CC8	0.0361	-0.0312	-0.0481	-3.21E-4	1.23E-29	-9.04E-6
	CC9	0.0356	-0.0308	-0.0486	-3.18E-4	1.23E-29	-8.02E-6
	CC10	-0.0372	0.0298	-0.1474	3.04E-4	-1.23E-29	9.59E-6
	CC11	-0.0377	0.0302	-0.1479	3.07E-4	-1.23E-29	1.06E-5
	CC12	-0.0379	0.0018	-0.1530	-9.94E-7	-3.28E-29	2.74E-5

	CC13	-0.0384	0.0021	-0.1535	2.17E-6	-3.28E-29	2.85E-5
	CC14	0.0121	0.0408	-0.0722	4.49E-4	4.08E-29	-3.60E-5
	CC15	0.0107	0.0419	-0.0736	4.59E-4	4.08E-29	-3.29E-5
	CC16	-0.0101	0.0507	-0.1037	5.45E-4	2.73E-29	-2.50E-5
	CC17	-0.0115	0.0518	-0.1051	5.55E-4	2.73E-29	-2.19E-5
	CC18	0.0099	-0.0528	-0.0909	-5.68E-4	-2.73E-29	2.35E-5
	CC19	0.0085	-0.0517	-0.0923	-5.58E-4	-2.73E-29	2.66E-5
	CC20	-0.0123	-0.0429	-0.1224	-4.72E-4	-4.08E-29	3.44E-5
	CC21	-0.0137	-0.0418	-0.1238	-4.63E-4	-4.08E-29	3.75E-5
527	CC1	-0.0010	-0.0014	-0.1045	-1.28E-5	0.00E+0	1.41E-6
	CC2	-0.0010	-0.0014	-0.1045	-1.28E-5	0.00E+0	1.41E-6
	CC3	-0.0010	-0.0014	-0.1045	-1.28E-5	0.00E+0	1.41E-6
	CC4	-0.0009	-0.0013	-0.1008	-1.20E-5	0.00E+0	1.29E-6
	CC5	-0.0009	-0.0013	-0.1008	-1.20E-5	0.00E+0	1.29E-6
	CC6	0.0620	-0.0039	-0.0384	2.07E-6	1.46E-29	-4.66E-5
	CC7	0.0611	-0.0033	-0.0389	5.22E-6	1.46E-29	-4.46E-5
	CC8	0.0610	-0.0624	-0.0442	-3.88E-4	5.55E-3	-3.35E-5
	CC9	0.0602	-0.0618	-0.0447	-3.85E-4	5.55E-3	-3.16E-5
	CC10	-0.0620	0.0592	-0.1544	3.61E-4	-5.55E-3	3.41E-5
	CC11	-0.0628	0.0598	-0.1549	3.64E-4	-5.55E-3	3.60E-5
	CC12	-0.0629	0.0007	-0.1602	-2.88E-5	-1.46E-29	4.71E-5
	CC13	-0.0637	0.0014	-0.1607	-2.56E-5	-1.46E-29	4.91E-5
	CC14	0.0205	0.0857	-0.0716	5.79E-4	1.82E-29	-3.55E-5
	CC15	0.0181	0.0877	-0.0733	5.89E-4	1.82E-29	-2.96E-5
	CC16	-0.0166	0.1046	-0.1064	6.87E-4	1.21E-29	-1.13E-5
	CC17	-0.0191	0.1066	-0.1081	6.97E-4	1.21E-29	-5.45E-6
	CC18	0.0173	-0.1092	-0.0910	-7.20E-4	-1.21E-29	7.96E-6
	CC19	0.0148	-0.1072	-0.0927	-7.11E-4	-1.21E-29	1.39E-5
	CC20	-0.0198	-0.0902	-0.1258	-6.12E-4	-1.82E-29	3.22E-5
	CC21	-0.0223	-0.0883	-0.1275	-6.03E-4	-1.82E-29	3.81E-5
528	CC1	-0.0007	-0.0020	-0.1067	-1.79E-5	0.00E+0	1.68E-6
	CC2	-0.0007	-0.0020	-0.1067	-1.79E-5	0.00E+0	1.68E-6
	CC3	-0.0007	-0.0020	-0.1067	-1.79E-5	0.00E+0	1.68E-6
	CC4	-0.0007	-0.0019	-0.1028	-1.68E-5	0.00E+0	1.60E-6
	CC5	-0.0007	-0.0019	-0.1028	-1.68E-5	0.00E+0	1.60E-6
	CC6	0.0785	-0.0121	-0.0579	-3.19E-5	1.71E-29	-6.09E-5
	CC7	0.0775	-0.0109	-0.0582	-2.72E-5	1.71E-29	-5.82E-5
	CC8	0.0774	-0.0931	-0.0636	-4.35E-4	6.46E-3	-5.52E-5
	CC9	0.0764	-0.0919	-0.0639	-4.31E-4	6.46E-3	-5.25E-5
	CC10	-0.0778	0.0882	-0.1391	3.98E-4	-6.46E-3	5.57E-5
	CC11	-0.0788	0.0894	-0.1394	4.02E-4	-6.46E-3	5.83E-5
	CC12	-0.0788	0.0072	-0.1448	-5.65E-6	-1.71E-29	6.13E-5
	CC13	-0.0799	0.0084	-0.1451	-9.60E-7	-1.71E-29	6.40E-5
	CC14	0.0261	0.1163	-0.0793	5.84E-4	2.13E-29	-2.94E-5
	CC15	0.0230	0.1200	-0.0803	5.99E-4	2.13E-29	-2.13E-5
	CC16	-0.0207	0.1464	-0.1037	7.13E-4	1.43E-29	5.54E-6
	CC17	-0.0239	0.1501	-0.1046	7.27E-4	1.43E-29	1.36E-5
	CC18	0.0225	-0.1537	-0.0983	-7.60E-4	-1.43E-29	-1.05E-5
	CC19	0.0194	-0.1501	-0.0993	-7.46E-4	-1.43E-29	-2.39E-6
	CC20	-0.0244	-0.1236	-0.1227	-6.31E-4	-2.13E-29	2.45E-5
	CC21	-0.0275	-0.1200	-0.1236	-6.17E-4	-2.13E-29	3.26E-5
529	CC1	-0.0003	-0.0001	-0.1009	-3.10E-6	0.00E+0	7.95E-8
	CC2	-0.0003	-0.0001	-0.1009	-3.10E-6	0.00E+0	7.95E-8
	CC3	-0.0003	-0.0001	-0.1009	-3.10E-6	0.00E+0	7.95E-8
	CC4	-0.0003	-0.0001	-0.0973	-2.89E-6	0.00E+0	6.89E-8
	CC5	-0.0003	-0.0001	-0.0973	-2.89E-6	0.00E+0	6.89E-8
	CC6	0.0139	-0.0004	-0.0676	-7.18E-6	2.22E-29	-8.02E-6
	CC7	0.0137	-0.0003	-0.0677	-5.45E-6	2.22E-29	-7.67E-6
	CC8	0.0136	-0.0084	-0.0729	-1.85E-4	8.32E-3	-7.40E-6
	CC9	0.0134	-0.0084	-0.0730	-1.84E-4	8.32E-3	-7.05E-6
	CC10	-0.0140	0.0081	-0.1194	1.78E-4	-8.32E-3	7.18E-6
	CC11	-0.0142	0.0082	-0.1195	1.80E-4	-8.32E-3	7.53E-6
	CC12	-0.0143	0.0001	-0.1246	-1.93E-7	-2.22E-29	7.80E-6
	CC13	-0.0145	0.0002	-0.1247	1.54E-6	-2.22E-29	8.15E-6
	CC14	0.0046	0.0119	-0.0795	2.64E-4	2.77E-29	-3.77E-6
	CC15	0.0041	0.0121	-0.0798	2.69E-4	2.77E-29	-2.73E-6
	CC16	-0.0037	0.0144	-0.0950	3.19E-4	1.85E-29	7.93E-7
	CC17	-0.0043	0.0147	-0.0953	3.24E-4	1.85E-29	1.83E-6
	CC18	0.0037	-0.0149	-0.0970	-3.30E-4	-1.85E-29	-1.70E-6
	CC19	0.0032	-0.0147	-0.0973	-3.25E-4	-1.85E-29	-6.62E-7
	CC20	-0.0047	-0.0124	-0.1125	-2.74E-4	-2.77E-29	2.86E-6
	CC21	-0.0052	-0.0121	-0.1129	-2.69E-4	-2.77E-29	3.90E-6

530	CC1	-0.0006	-0.0006	-0.1027	-7.53E-6	0.00E+0	2.09E-7
	CC2	-0.0006	-0.0006	-0.1027	-7.53E-6	0.00E+0	2.09E-7
	CC3	-0.0006	-0.0006	-0.1027	-7.53E-6	0.00E+0	2.09E-7
	CC4	-0.0006	-0.0005	-0.0991	-7.04E-6	0.00E+0	1.78E-7
	CC5	-0.0006	-0.0005	-0.0991	-7.04E-6	0.00E+0	1.78E-7
	CC6	0.0355	-0.0006	-0.0626	3.50E-6	4.25E-32	-2.52E-5
	CC7	0.0350	-0.0003	-0.0628	5.82E-6	4.25E-32	-2.41E-5
	CC8	0.0349	-0.0297	-0.0682	-3.02E-4	1.64E-32	-2.12E-5
	CC9	0.0344	-0.0295	-0.0684	-2.99E-4	1.64E-32	-2.02E-5
	CC10	-0.0355	0.0284	-0.1273	2.86E-4	-1.64E-32	2.05E-5
	CC11	-0.0360	0.0287	-0.1275	2.88E-4	-1.64E-32	2.16E-5
	CC12	-0.0361	-0.0007	-0.1329	-1.96E-5	-4.25E-32	2.44E-5
	CC13	-0.0366	-0.0005	-0.1331	-1.72E-5	-4.25E-32	2.55E-5
	CC14	0.0118	0.0433	-0.0786	4.56E-4	5.24E-32	-1.49E-5
	CC15	0.0104	0.0441	-0.0792	4.63E-4	5.24E-32	-1.17E-5
	CC16	-0.0095	0.0520	-0.0980	5.40E-4	3.48E-32	-1.20E-6
	CC17	-0.0109	0.0528	-0.0986	5.47E-4	3.48E-32	2.03E-6
	CC18	0.0098	-0.0539	-0.0971	-5.61E-4	-3.48E-32	-1.70E-6
	CC19	0.0084	-0.0531	-0.0977	-5.54E-4	-3.48E-32	1.53E-6
	CC20	-0.0115	-0.0452	-0.1165	-4.77E-4	-5.24E-32	1.20E-5
	CC21	-0.0130	-0.0444	-0.1171	-4.70E-4	-5.24E-32	1.52E-5
531	CC1	-0.0008	-0.0015	-0.1044	-1.34E-5	0.00E+0	3.42E-7
	CC2	-0.0008	-0.0015	-0.1044	-1.34E-5	0.00E+0	3.42E-7
	CC3	-0.0008	-0.0015	-0.1044	-1.34E-5	0.00E+0	3.42E-7
	CC4	-0.0007	-0.0014	-0.1007	-1.25E-5	0.00E+0	2.88E-7
	CC5	-0.0007	-0.0014	-0.1007	-1.25E-5	0.00E+0	2.88E-7
	CC6	0.0608	0.0005	-0.0588	2.07E-5	2.48E-29	-4.55E-5
	CC7	0.0600	0.0009	-0.0591	2.30E-5	2.48E-29	-4.35E-5
	CC8	0.0598	-0.0589	-0.0646	-3.67E-4	9.25E-3	-3.99E-5
	CC9	0.0590	-0.0584	-0.0649	-3.64E-4	9.25E-3	-3.80E-5
	CC10	-0.0604	0.0557	-0.1339	3.40E-4	-9.25E-3	3.85E-5
	CC11	-0.0612	0.0561	-0.1342	3.42E-4	-9.25E-3	4.05E-5
	CC12	-0.0613	-0.0037	-0.1398	-4.75E-5	-2.48E-29	4.41E-5
	CC13	-0.0621	-0.0032	-0.1400	-4.52E-5	-2.48E-29	4.60E-5
	CC14	0.0203	0.0885	-0.0781	5.82E-4	3.10E-29	-2.45E-5
	CC15	0.0178	0.0899	-0.0789	5.89E-4	3.10E-29	-1.86E-5
	CC16	-0.0161	0.1051	-0.1006	6.77E-4	2.08E-29	6.82E-7
	CC17	-0.0185	0.1065	-0.1014	6.84E-4	2.08E-29	6.58E-6
	CC18	0.0171	-0.1092	-0.0974	-7.09E-4	-2.08E-29	-6.04E-6
	CC19	0.0147	-0.1078	-0.0983	-7.02E-4	-2.08E-29	-1.43E-7
	CC20	-0.0192	-0.0927	-0.1200	-6.13E-4	-3.10E-29	1.92E-5
	CC21	-0.0216	-0.0913	-0.1208	-6.06E-4	-3.10E-29	2.50E-5
532	CC1	-0.0003	-0.0011	-0.1050	-1.20E-5	-1.09E-7	-3.26E-6
	CC2	-0.0003	-0.0011	-0.1050	-1.20E-5	-1.09E-7	-3.26E-6
	CC3	-0.0003	-0.0011	-0.1050	-1.20E-5	-1.09E-7	-3.26E-6
	CC4	-0.0002	-0.0011	-0.1012	-1.12E-5	-1.01E-7	-3.10E-6
	CC5	-0.0002	-0.0011	-0.1012	-1.12E-5	-1.01E-7	-3.10E-6
	CC6	0.0588	0.0422	-0.1176	2.57E-4	1.02E-6	-4.68E-5
	CC7	0.0580	0.0420	-0.1172	2.55E-4	9.97E-7	-4.49E-5
	CC8	0.0579	-0.0183	-0.1231	-1.42E-4	-2.03E-6	-4.16E-5
	CC9	0.0572	-0.0186	-0.1226	-1.44E-4	-2.04E-6	-3.98E-5
	CC10	-0.0576	0.0165	-0.0773	1.23E-4	1.85E-6	3.37E-5
	CC11	-0.0584	0.0163	-0.0768	1.21E-4	1.83E-6	3.56E-5
	CC12	-0.0585	-0.0440	-0.0828	-2.77E-4	-1.19E-6	3.88E-5
	CC13	-0.0592	-0.0443	-0.0823	-2.79E-4	-1.21E-6	4.07E-5
	CC14	0.0199	0.1041	-0.0976	6.79E-4	4.87E-6	-2.65E-5
	CC15	0.0175	0.1034	-0.0961	6.73E-4	4.82E-6	-2.08E-5
	CC16	-0.0151	0.0964	-0.0855	6.38E-4	5.12E-6	-2.33E-6
	CC17	-0.0174	0.0957	-0.0840	6.32E-4	5.07E-6	3.30E-6
	CC18	0.0170	-0.0977	-0.1160	-6.54E-4	-5.26E-6	-9.38E-6
	CC19	0.0146	-0.0984	-0.1144	-6.60E-4	-5.32E-6	-3.76E-6
	CC20	-0.0180	-0.1055	-0.1039	-6.94E-4	-5.01E-6	1.48E-5
	CC21	-0.0203	-0.1061	-0.1024	-7.00E-4	-5.07E-6	2.04E-5
533	CC1	-0.0002	-0.0004	-0.1030	-5.63E-6	-3.75E-8	-1.92E-6
	CC2	-0.0002	-0.0004	-0.1030	-5.63E-6	-3.75E-8	-1.92E-6
	CC3	-0.0002	-0.0004	-0.1030	-5.63E-6	-3.75E-8	-1.92E-6
	CC4	-0.0002	-0.0003	-0.0994	-5.20E-6	-3.45E-8	-1.82E-6
	CC5	-0.0002	-0.0003	-0.0994	-5.20E-6	-3.45E-8	-1.82E-6
	CC6	0.0343	0.0215	-0.1108	2.18E-4	1.56E-6	-2.28E-5
	CC7	0.0339	0.0214	-0.1103	2.17E-4	1.54E-6	-2.19E-5
	CC8	0.0338	-0.0080	-0.1160	-9.52E-5	-8.77E-7	-2.05E-5
	CC9	0.0333	-0.0081	-0.1156	-9.63E-5	-8.93E-7	-1.96E-5

	CC10	-0.0336	0.0074	-0.0808	8.62E-5	8.26E-7	1.60E-5
	CC11	-0.0341	0.0074	-0.0804	8.50E-5	8.10E-7	1.69E-5
	CC12	-0.0342	-0.0221	-0.0860	-2.27E-4	-1.61E-6	1.84E-5
	CC13	-0.0346	-0.0222	-0.0856	-2.28E-4	-1.62E-6	1.93E-5
	CC14	0.0117	0.0512	-0.0946	5.39E-4	4.15E-6	-1.29E-5
	CC15	0.0103	0.0509	-0.0933	5.35E-4	4.11E-6	-1.02E-5
	CC16	-0.0087	0.0470	-0.0856	4.99E-4	3.93E-6	-1.22E-6
	CC17	-0.0101	0.0467	-0.0843	4.95E-4	3.89E-6	1.47E-6
	CC18	0.0098	-0.0474	-0.1121	-5.06E-4	-3.95E-6	-5.04E-6
	CC19	0.0084	-0.0476	-0.1108	-5.09E-4	-4.00E-6	-2.34E-6
	CC20	-0.0106	-0.0516	-0.1031	-5.45E-4	-4.17E-6	6.61E-6
	CC21	-0.0120	-0.0519	-0.1018	-5.49E-4	-4.22E-6	9.31E-6
534	CC1	-0.0001	-0.0001	-0.1011	-1.59E-6	-1.24E-8	-5.45E-7
	CC2	-0.0001	-0.0001	-0.1011	-1.59E-6	-1.24E-8	-5.45E-7
	CC3	-0.0001	-0.0001	-0.1011	-1.59E-6	-1.24E-8	-5.45E-7
	CC4	-0.0001	-0.0001	-0.0975	-1.46E-6	-1.12E-8	-5.13E-7
	CC5	-0.0001	-0.0001	-0.0975	-1.46E-6	-1.12E-8	-5.13E-7
	CC6	0.0140	0.0061	-0.1044	1.37E-4	1.11E-6	-4.91E-6
	CC7	0.0138	0.0061	-0.1041	1.36E-4	1.10E-6	-4.73E-6
	CC8	0.0137	-0.0019	-0.1095	-4.56E-5	-4.70E-7	-3.47E-6
	CC9	0.0135	-0.0019	-0.1091	-4.60E-5	-4.77E-7	-3.29E-6
	CC10	-0.0137	0.0018	-0.0836	4.32E-5	4.56E-7	2.28E-6
	CC11	-0.0139	0.0018	-0.0832	4.28E-5	4.49E-7	2.46E-6
	CC12	-0.0139	-0.0062	-0.0886	-1.39E-4	-1.12E-6	3.73E-6
	CC13	-0.0141	-0.0062	-0.0883	-1.40E-4	-1.13E-6	3.91E-6
	CC14	0.0048	0.0140	-0.0916	3.17E-4	2.73E-6	-4.26E-6
	CC15	0.0042	0.0139	-0.0906	3.16E-4	2.71E-6	-3.72E-6
	CC16	-0.0035	0.0127	-0.0854	2.89E-4	2.53E-6	-2.10E-6
	CC17	-0.0040	0.0126	-0.0843	2.88E-4	2.51E-6	-1.56E-6
	CC18	0.0039	-0.0127	-0.1084	-2.91E-4	-2.53E-6	5.61E-7
	CC19	0.0034	-0.0128	-0.1073	-2.92E-4	-2.55E-6	1.10E-6
	CC20	-0.0044	-0.0140	-0.1021	-3.19E-4	-2.73E-6	2.72E-6
	CC21	-0.0049	-0.0141	-0.1011	-3.20E-4	-2.75E-6	3.26E-6
535	CC1	-0.0002	-0.0001	-0.1011	-2.59E-6	-1.71E-8	-4.28E-7
	CC2	-0.0002	-0.0001	-0.1011	-2.59E-6	-1.71E-8	-4.28E-7
	CC3	-0.0002	-0.0001	-0.1011	-2.59E-6	-1.71E-8	-4.28E-7
	CC4	-0.0002	-0.0001	-0.0975	-2.40E-6	-1.58E-8	-4.02E-7
	CC5	-0.0002	-0.0001	-0.0975	-2.40E-6	-1.58E-8	-4.02E-7
	CC6	0.0149	0.0063	-0.1023	1.42E-4	9.39E-7	-4.72E-6
	CC7	0.0147	0.0063	-0.1020	1.42E-4	9.39E-7	-4.53E-6
	CC8	0.0146	-0.0016	-0.1074	-3.76E-5	-2.48E-7	-4.24E-6
	CC9	0.0144	-0.0016	-0.1071	-3.76E-5	-2.48E-7	-4.05E-6
	CC10	-0.0147	0.0014	-0.0856	3.29E-5	2.17E-7	3.27E-6
	CC11	-0.0149	0.0014	-0.0853	3.29E-5	2.17E-7	3.45E-6
	CC12	-0.0150	-0.0065	-0.0907	-1.47E-4	-9.70E-7	3.75E-6
	CC13	-0.0152	-0.0065	-0.0904	-1.47E-4	-9.70E-7	3.94E-6
	CC14	0.0051	0.0139	-0.0907	3.14E-4	2.07E-6	-2.68E-6
	CC15	0.0045	0.0138	-0.0900	3.14E-4	2.07E-6	-2.11E-6
	CC16	-0.0038	0.0124	-0.0857	2.81E-4	1.85E-6	-2.81E-7
	CC17	-0.0044	0.0124	-0.0850	2.81E-4	1.85E-6	2.88E-7
	CC18	0.0041	-0.0126	-0.1077	-2.86E-4	-1.88E-6	-1.07E-6
	CC19	0.0035	-0.0126	-0.1070	-2.86E-4	-1.89E-6	-5.05E-7
	CC20	-0.0048	-0.0140	-0.1027	-3.18E-4	-2.10E-6	1.32E-6
	CC21	-0.0054	-0.0140	-0.1020	-3.18E-4	-2.10E-6	1.89E-6
536	CC1	-0.0002	-0.0001	-0.1010	-3.07E-6	-7.80E-9	-1.01E-7
	CC2	-0.0002	-0.0001	-0.1010	-3.07E-6	-7.80E-9	-1.01E-7
	CC3	-0.0002	-0.0001	-0.1010	-3.07E-6	-7.80E-9	-1.01E-7
	CC4	-0.0002	-0.0001	-0.0975	-2.85E-6	-7.15E-9	-9.48E-8
	CC5	-0.0002	-0.0001	-0.0975	-2.85E-6	-7.15E-9	-9.48E-8
	CC6	0.0145	0.0066	-0.0847	2.42E-5	5.05E-7	-3.40E-6
	CC7	0.0143	0.0066	-0.0846	2.45E-5	5.03E-7	-3.24E-6
	CC8	0.0142	-0.0014	-0.0899	-1.56E-4	-1.62E-7	-3.80E-6
	CC9	0.0140	-0.0013	-0.0898	-1.56E-4	-1.64E-7	-3.65E-6
	CC10	-0.0144	0.0011	-0.1028	1.50E-4	1.50E-7	3.46E-6
	CC11	-0.0146	0.0011	-0.1027	1.51E-4	1.48E-7	3.62E-6
	CC12	-0.0147	-0.0068	-0.1080	-3.01E-5	-5.17E-7	3.05E-6
	CC13	-0.0149	-0.0068	-0.1079	-2.97E-5	-5.19E-7	3.21E-6
	CC14	0.0049	0.0139	-0.0851	2.79E-4	1.16E-6	-6.83E-7
	CC15	0.0044	0.0139	-0.0847	2.80E-4	1.16E-6	-2.10E-7
	CC16	-0.0037	0.0122	-0.0906	3.16E-4	1.05E-6	1.37E-6
	CC17	-0.0043	0.0123	-0.0902	3.18E-4	1.05E-6	1.85E-6
	CC18	0.0040	-0.0125	-0.1024	-3.23E-4	-1.06E-6	-2.03E-6

	CC19	0.0034	-0.0125	-0.1020	-3.22E-4	-1.07E-6	-1.56E-6
	CC20	-0.0047	-0.0141	-0.1079	-2.85E-4	-1.17E-6	2.48E-8
	CC21	-0.0053	-0.0141	-0.1074	-2.84E-4	-1.17E-6	4.97E-7
537	CC1	-0.0004	-0.0014	-0.1048	-1.26E-5	-1.01E-7	-2.17E-6
	CC2	-0.0004	-0.0014	-0.1048	-1.26E-5	-1.01E-7	-2.17E-6
	CC3	-0.0004	-0.0014	-0.1048	-1.26E-5	-1.01E-7	-2.17E-6
	CC4	-0.0004	-0.0013	-0.1011	-1.18E-5	-9.51E-8	-2.07E-6
	CC5	-0.0004	-0.0013	-0.1011	-1.18E-5	-9.51E-8	-2.07E-6
	CC6	0.0586	0.0452	-0.1072	9.49E-5	-3.97E-9	-4.31E-5
	CC7	0.0578	0.0451	-0.1069	9.41E-5	1.65E-8	-4.13E-5
	CC8	0.0577	-0.0150	-0.1128	-3.01E-4	-2.54E-6	-3.93E-5
	CC9	0.0570	-0.0150	-0.1125	-3.01E-4	-2.52E-6	-3.75E-5
	CC10	-0.0576	0.0125	-0.0871	2.78E-4	2.34E-6	3.34E-5
	CC11	-0.0584	0.0125	-0.0868	2.78E-4	2.36E-6	3.52E-5
	CC12	-0.0585	-0.0476	-0.0928	-1.17E-4	-2.03E-7	3.73E-5
	CC13	-0.0593	-0.0477	-0.0925	-1.18E-4	-1.82E-7	3.90E-5
	CC14	0.0197	0.1040	-0.0939	6.21E-4	3.76E-6	-2.26E-5
	CC15	0.0174	0.1038	-0.0930	6.19E-4	3.82E-6	-1.72E-5
	CC16	-0.0152	0.0942	-0.0879	6.77E-4	4.46E-6	3.81E-7
	CC17	-0.0175	0.0940	-0.0870	6.74E-4	4.52E-6	5.73E-6
	CC18	0.0168	-0.0965	-0.1127	-6.97E-4	-4.71E-6	-9.80E-6
	CC19	0.0145	-0.0967	-0.1117	-6.99E-4	-4.65E-6	-4.45E-6
	CC20	-0.0181	-0.1063	-0.1067	-6.42E-4	-4.01E-6	1.32E-5
	CC21	-0.0204	-0.1065	-0.1057	-6.44E-4	-3.94E-6	1.85E-5
538	CC1	-0.0003	-0.0005	-0.1029	-7.17E-6	-4.73E-8	-1.30E-6
	CC2	-0.0003	-0.0005	-0.1029	-7.17E-6	-4.73E-8	-1.30E-6
	CC3	-0.0003	-0.0005	-0.1029	-7.17E-6	-4.73E-8	-1.30E-6
	CC4	-0.0003	-0.0005	-0.0993	-6.67E-6	-4.40E-8	-1.23E-6
	CC5	-0.0003	-0.0005	-0.0993	-6.67E-6	-4.40E-8	-1.23E-6
	CC6	0.0346	0.0228	-0.1047	6.39E-5	4.22E-7	-1.85E-5
	CC7	0.0342	0.0228	-0.1044	6.36E-5	4.20E-7	-1.77E-5
	CC8	0.0341	-0.0066	-0.1100	-2.47E-4	-1.63E-6	-1.66E-5
	CC9	0.0336	-0.0066	-0.1098	-2.47E-4	-1.63E-6	-1.59E-5
	CC10	-0.0341	0.0056	-0.0864	2.34E-4	1.55E-6	1.35E-5
	CC11	-0.0346	0.0056	-0.0862	2.34E-4	1.55E-6	1.42E-5
	CC12	-0.0347	-0.0237	-0.0918	-7.66E-5	-5.05E-7	1.53E-5
	CC13	-0.0352	-0.0237	-0.0915	-7.69E-5	-5.07E-7	1.61E-5
	CC14	0.0117	0.0511	-0.0923	4.87E-4	3.21E-6	-1.02E-5
	CC15	0.0104	0.0510	-0.0915	4.86E-4	3.21E-6	-7.99E-6
	CC16	-0.0089	0.0459	-0.0868	5.38E-4	3.55E-6	-6.66E-7
	CC17	-0.0103	0.0459	-0.0860	5.37E-4	3.54E-6	1.59E-6
	CC18	0.0098	-0.0468	-0.1102	-5.50E-4	-3.63E-6	-4.00E-6
	CC19	0.0084	-0.0469	-0.1094	-5.51E-4	-3.64E-6	-1.74E-6
	CC20	-0.0109	-0.0520	-0.1047	-4.99E-4	-3.29E-6	5.58E-6
	CC21	-0.0122	-0.0520	-0.1039	-5.00E-4	-3.30E-6	7.84E-6
539	CC1	-0.0004	-0.0006	-0.1028	-7.59E-6	-3.33E-8	-1.73E-7
	CC2	-0.0004	-0.0006	-0.1028	-7.59E-6	-3.33E-8	-1.73E-7
	CC3	-0.0004	-0.0006	-0.1028	-7.59E-6	-3.33E-8	-1.73E-7
	CC4	-0.0004	-0.0006	-0.0992	-7.07E-6	-3.09E-8	-1.70E-7
	CC5	-0.0004	-0.0006	-0.0992	-7.07E-6	-3.09E-8	-1.70E-7
	CC6	0.0346	0.0041	-0.0867	4.37E-5	1.20E-6	-1.85E-5
	CC7	0.0341	0.0041	-0.0866	4.43E-5	1.20E-6	-1.77E-5
	CC8	0.0340	-0.0252	-0.0922	-2.67E-4	-4.41E-7	-1.78E-5
	CC9	0.0336	-0.0252	-0.0920	-2.66E-4	-4.45E-7	-1.70E-5
	CC10	-0.0342	0.0241	-0.1039	2.52E-4	3.85E-7	1.66E-5
	CC11	-0.0347	0.0241	-0.1037	2.53E-4	3.81E-7	1.74E-5
	CC12	-0.0348	-0.0052	-0.1093	-5.81E-5	-1.26E-6	1.74E-5
	CC13	-0.0353	-0.0051	-0.1092	-5.75E-5	-1.26E-6	1.82E-5
	CC14	0.0117	0.0452	-0.0865	4.78E-4	2.84E-6	-7.97E-6
	CC15	0.0103	0.0453	-0.0861	4.80E-4	2.83E-6	-5.53E-6
	CC16	-0.0090	0.0512	-0.0917	5.41E-4	2.59E-6	2.58E-6
	CC17	-0.0104	0.0513	-0.0912	5.43E-4	2.58E-6	5.02E-6
	CC18	0.0097	-0.0524	-0.1047	-5.56E-4	-2.64E-6	-5.36E-6
	CC19	0.0083	-0.0522	-0.1043	-5.55E-4	-2.65E-6	-2.92E-6
	CC20	-0.0110	-0.0464	-0.1098	-4.94E-4	-2.89E-6	5.19E-6
	CC21	-0.0123	-0.0462	-0.1094	-4.92E-4	-2.90E-6	7.63E-6
540	CC1	-0.0005	-0.0015	-0.1046	-1.35E-5	-8.28E-8	-3.76E-7
	CC2	-0.0005	-0.0015	-0.1046	-1.35E-5	-8.28E-8	-3.76E-7
	CC3	-0.0005	-0.0015	-0.1046	-1.35E-5	-8.28E-8	-3.76E-7
	CC4	-0.0005	-0.0014	-0.1008	-1.26E-5	-7.75E-8	-3.73E-7
	CC5	-0.0005	-0.0014	-0.1008	-1.26E-5	-7.75E-8	-3.73E-7
	CC6	0.0587	0.0088	-0.0882	6.60E-5	9.53E-8	-4.04E-5

	CC7	0.0580	0.0089	-0.0880	6.63E-5	1.09E-7	-3.87E-5
	CC8	0.0579	-0.0511	-0.0939	-3.28E-4	-2.13E-6	-3.84E-5
	CC9	0.0571	-0.0510	-0.0938	-3.28E-4	-2.12E-6	-3.66E-5
	CC10	-0.0580	0.0482	-0.1054	3.03E-4	1.97E-6	3.59E-5
	CC11	-0.0588	0.0483	-0.1053	3.03E-4	1.98E-6	3.76E-5
	CC12	-0.0589	-0.0117	-0.1112	-9.10E-5	-2.60E-7	3.79E-5
	CC13	-0.0597	-0.0116	-0.1110	-9.06E-5	-2.47E-7	3.97E-5
	CC14	0.0197	0.0924	-0.0877	6.08E-4	3.33E-6	-1.79E-5
	CC15	0.0174	0.0927	-0.0872	6.09E-4	3.38E-6	-1.26E-5
	CC16	-0.0153	0.1042	-0.0928	6.79E-4	3.90E-6	5.00E-6
	CC17	-0.0177	0.1045	-0.0924	6.80E-4	3.94E-6	1.03E-5
	CC18	0.0167	-0.1072	-0.1068	-7.05E-4	-4.09E-6	-1.11E-5
	CC19	0.0144	-0.1070	-0.1064	-7.04E-4	-4.05E-6	-5.75E-6
	CC20	-0.0183	-0.0954	-0.1120	-6.34E-4	-3.53E-6	1.18E-5
	CC21	-0.0206	-0.0951	-0.1115	-6.33E-4	-3.49E-6	1.71E-5
541	CC1	-0.0005	-0.0013	-0.0920	-1.86E-6	4.22E-6	-2.60E-6
	CC2	-0.0005	-0.0013	-0.0920	-1.86E-6	4.22E-6	-2.60E-6
	CC3	-0.0005	-0.0013	-0.0920	-1.86E-6	4.22E-6	-2.60E-6
	CC4	-0.0004	-0.0012	-0.0893	-1.77E-6	3.86E-6	-2.49E-6
	CC5	-0.0004	-0.0012	-0.0893	-1.77E-6	3.86E-6	-2.49E-6
	CC6	0.0495	0.0043	-0.0575	4.82E-5	-2.43E-4	4.93E-5
	CC7	0.0498	0.0046	-0.0570	4.84E-5	-2.45E-4	5.15E-5
	CC8	0.0513	-0.0584	-0.0329	4.03E-5	-2.18E-4	6.07E-5
	CC9	0.0516	-0.0581	-0.0324	4.04E-5	-2.19E-4	6.30E-5
	CC10	-0.0525	0.0557	-0.1445	-4.39E-5	2.26E-4	-6.79E-5
	CC11	-0.0522	0.0560	-0.1440	-4.38E-5	2.25E-4	-6.57E-5
	CC12	-0.0507	-0.0070	-0.1199	-5.18E-5	2.52E-4	-5.64E-5
	CC13	-0.0504	-0.0067	-0.1194	-5.17E-5	2.51E-4	-5.42E-5
	CC14	0.0114	0.0950	-0.1171	2.51E-5	-1.08E-4	-7.52E-6
	CC15	0.0123	0.0960	-0.1155	2.55E-5	-1.12E-4	-5.58E-7
	CC16	-0.0192	0.1104	-0.1432	-2.55E-6	3.30E-5	-4.27E-5
	CC17	-0.0183	0.1114	-0.1416	-2.15E-6	2.92E-5	-3.57E-5
	CC18	0.0174	-0.1138	-0.0353	-1.32E-6	-2.18E-5	3.08E-5
	CC19	0.0183	-0.1128	-0.0337	-9.19E-7	-2.55E-5	3.78E-5
	CC20	-0.0132	-0.0984	-0.0614	-2.90E-5	1.19E-4	-4.35E-6
	CC21	-0.0123	-0.0974	-0.0598	-2.86E-5	1.15E-4	2.61E-6
542	CC1	-0.0003	-0.0005	-0.0910	-1.52E-7	1.40E-6	-6.24E-6
	CC2	-0.0003	-0.0005	-0.0910	-1.52E-7	1.40E-6	-6.24E-6
	CC3	-0.0003	-0.0005	-0.0910	-1.52E-7	1.40E-6	-6.24E-6
	CC4	-0.0003	-0.0004	-0.0883	-1.24E-7	1.15E-6	-5.99E-6
	CC5	-0.0003	-0.0004	-0.0883	-1.24E-7	1.15E-6	-5.99E-6
	CC6	0.0294	0.0329	-0.0611	2.69E-5	-2.47E-4	5.77E-5
	CC7	0.0296	0.0331	-0.0606	2.70E-5	-2.49E-4	5.93E-5
	CC8	0.0310	-0.0024	-0.0422	2.27E-5	-2.09E-4	5.92E-5
	CC9	0.0312	-0.0022	-0.0417	2.29E-5	-2.11E-4	6.07E-5
	CC10	-0.0318	0.0014	-0.1331	-2.31E-5	2.13E-4	-7.25E-5
	CC11	-0.0316	0.0016	-0.1327	-2.29E-5	2.11E-4	-7.10E-5
	CC12	-0.0302	-0.0339	-0.1142	-2.73E-5	2.51E-4	-7.11E-5
	CC13	-0.0300	-0.0337	-0.1138	-2.71E-5	2.49E-4	-6.95E-5
	CC14	0.0060	0.0628	-0.1088	1.41E-5	-1.29E-4	8.85E-6
	CC15	0.0066	0.0635	-0.1075	1.46E-5	-1.34E-4	1.36E-5
	CC16	-0.0124	0.0534	-0.1305	-9.35E-7	8.61E-6	-3.02E-5
	CC17	-0.0118	0.0541	-0.1291	-4.28E-7	3.95E-6	-2.55E-5
	CC18	0.0112	-0.0549	-0.0458	1.99E-7	-1.83E-6	1.37E-5
	CC19	0.0118	-0.0542	-0.0444	7.05E-7	-6.49E-6	1.84E-5
	CC20	-0.0072	-0.0643	-0.0674	-1.48E-5	1.36E-4	-2.54E-5
	CC21	-0.0066	-0.0637	-0.0660	-1.43E-5	1.32E-4	-2.06E-5
543	CC1	-0.0002	0.0000	-0.0898	-4.00E-7	3.68E-6	-5.24E-6
	CC2	-0.0002	0.0000	-0.0898	-4.00E-7	3.68E-6	-5.24E-6
	CC3	-0.0002	0.0000	-0.0898	-4.00E-7	3.68E-6	-5.24E-6
	CC4	-0.0002	0.0000	-0.0872	-3.69E-7	3.40E-6	-5.02E-6
	CC5	-0.0002	0.0000	-0.0872	-3.69E-7	3.40E-6	-5.02E-6
	CC6	0.0093	0.0138	-0.0655	2.51E-5	-2.32E-4	6.47E-5
	CC7	0.0093	0.0139	-0.0651	2.53E-5	-2.33E-4	6.57E-5
	CC8	0.0105	0.0000	-0.0526	2.40E-5	-2.21E-4	7.34E-5
	CC9	0.0106	0.0001	-0.0522	2.42E-5	-2.22E-4	7.43E-5
	CC10	-0.0109	-0.0002	-0.1204	-2.49E-5	2.29E-4	-8.42E-5
	CC11	-0.0108	-0.0001	-0.1200	-2.47E-5	2.27E-4	-8.33E-5
	CC12	-0.0096	-0.0139	-0.1075	-2.60E-5	2.40E-4	-7.56E-5
	CC13	-0.0096	-0.0138	-0.1071	-2.59E-5	2.38E-4	-7.46E-5
	CC14	0.0007	0.0248	-0.1002	8.82E-6	-8.12E-5	1.63E-6
	CC15	0.0009	0.0252	-0.0990	9.39E-6	-8.64E-5	4.43E-6

	CC16	-0.0054	0.0207	-0.1167	-6.19E-6	5.70E-5	-4.31E-5
	CC17	-0.0052	0.0210	-0.1155	-5.62E-6	5.17E-5	-4.02E-5
	CC18	0.0049	-0.0210	-0.0572	4.90E-6	-4.51E-5	3.03E-5
	CC19	0.0051	-0.0207	-0.0560	5.47E-6	-5.04E-5	3.32E-5
	CC20	-0.0012	-0.0252	-0.0737	-1.01E-5	9.31E-5	-1.43E-5
	CC21	-0.0010	-0.0249	-0.0725	-9.53E-6	8.78E-5	-1.15E-5
544	CC1	0.0000	-0.0001	-0.0902	1.64E-9	-1.61E-8	5.19E-7
	CC2	0.0000	-0.0001	-0.0902	1.64E-9	-1.61E-8	5.19E-7
	CC3	0.0000	-0.0001	-0.0902	1.64E-9	-1.61E-8	5.19E-7
	CC4	0.0000	-0.0001	-0.0876	1.70E-8	-1.57E-7	4.82E-7
	CC5	0.0000	-0.0001	-0.0876	1.70E-8	-1.57E-7	4.82E-7
	CC6	0.0071	0.0134	-0.0646	2.00E-5	-1.84E-4	-6.10E-6
	CC7	0.0071	0.0135	-0.0642	2.01E-5	-1.85E-4	-5.88E-6
	CC8	0.0078	0.0000	-0.0589	1.81E-5	-1.66E-4	4.27E-7
	CC9	0.0078	0.0001	-0.0585	1.81E-5	-1.67E-4	6.46E-7
	CC10	-0.0078	-0.0003	-0.1149	-1.81E-5	1.67E-4	2.92E-7
	CC11	-0.0077	-0.0002	-0.1145	-1.80E-5	1.66E-4	5.11E-7
	CC12	-0.0071	-0.0136	-0.1091	-2.00E-5	1.84E-4	6.82E-6
	CC13	-0.0071	-0.0135	-0.1088	-1.99E-5	1.84E-4	7.03E-6
	CC14	0.0011	0.0241	-0.0893	8.82E-6	-8.12E-5	-1.17E-5
	CC15	0.0012	0.0244	-0.0882	9.08E-6	-8.36E-5	-1.10E-5
	CC16	-0.0034	0.0200	-0.1044	-2.61E-6	2.40E-5	-9.78E-6
	CC17	-0.0033	0.0203	-0.1033	-2.35E-6	2.16E-5	-9.11E-6
	CC18	0.0033	-0.0205	-0.0701	2.40E-6	-2.20E-5	1.01E-5
	CC19	0.0034	-0.0202	-0.0690	2.65E-6	-2.44E-5	1.07E-5
	CC20	-0.0011	-0.0246	-0.0852	-9.03E-6	8.32E-5	1.20E-5
	CC21	-0.0011	-0.0243	-0.0841	-8.78E-6	8.08E-5	1.26E-5
545	CC1	0.0000	-0.0002	-0.0906	3.60E-7	1.51E-6	1.21E-6
	CC2	0.0000	-0.0002	-0.0906	3.60E-7	1.51E-6	1.21E-6
	CC3	0.0000	-0.0002	-0.0906	3.60E-7	1.51E-6	1.21E-6
	CC4	0.0000	-0.0002	-0.0880	3.34E-7	1.28E-6	1.15E-6
	CC5	0.0000	-0.0002	-0.0880	3.34E-7	1.28E-6	1.15E-6
	CC6	0.0074	0.0125	-0.0627	-1.35E-5	-1.89E-4	-4.98E-6
	CC7	0.0074	0.0126	-0.0623	-1.30E-5	-1.90E-4	-4.79E-6
	CC8	0.0077	-0.0002	-0.0648	-2.30E-5	-1.64E-4	-3.83E-6
	CC9	0.0077	-0.0001	-0.0644	-2.26E-5	-1.64E-4	-3.63E-6
	CC10	-0.0078	-0.0003	-0.1097	2.32E-5	1.67E-4	5.88E-6
	CC11	-0.0078	-0.0002	-0.1093	2.37E-5	1.66E-4	6.08E-6
	CC12	-0.0075	-0.0130	-0.1118	1.37E-5	1.92E-4	7.04E-6
	CC13	-0.0075	-0.0129	-0.1114	1.42E-5	1.92E-4	7.23E-6
	CC14	0.0017	0.0227	-0.0771	9.94E-6	-9.40E-5	-2.73E-6
	CC15	0.0018	0.0230	-0.0760	1.14E-5	-9.47E-5	-2.14E-6
	CC16	-0.0028	0.0189	-0.0912	2.10E-5	1.28E-5	5.26E-7
	CC17	-0.0028	0.0192	-0.0901	2.24E-5	1.20E-5	1.12E-6
	CC18	0.0027	-0.0196	-0.0841	-2.18E-5	-9.62E-6	1.13E-6
	CC19	0.0027	-0.0193	-0.0829	-2.03E-5	-1.04E-5	1.72E-6
	CC20	-0.0018	-0.0234	-0.0982	-1.07E-5	9.71E-5	4.39E-6
	CC21	-0.0018	-0.0231	-0.0970	-9.29E-6	9.64E-5	4.98E-6
546	CC1	-0.0003	-0.0015	-0.0930	-4.92E-6	1.05E-5	-1.93E-6
	CC2	-0.0003	-0.0015	-0.0930	-4.92E-6	1.05E-5	-1.93E-6
	CC3	-0.0003	-0.0015	-0.0930	-4.92E-6	1.05E-5	-1.93E-6
	CC4	-0.0003	-0.0014	-0.0903	-4.70E-6	9.91E-6	-1.85E-6
	CC5	-0.0003	-0.0014	-0.0903	-4.70E-6	9.91E-6	-1.85E-6
	CC6	0.0485	0.0043	-0.0566	4.13E-5	-2.85E-4	-4.86E-5
	CC7	0.0487	0.0046	-0.0561	4.07E-5	-2.86E-4	-4.65E-5
	CC8	0.0502	-0.0578	-0.0495	6.20E-6	-2.57E-4	-5.16E-5
	CC9	0.0503	-0.0575	-0.0490	5.67E-6	-2.58E-4	-4.95E-5
	CC10	-0.0508	0.0548	-0.1297	-1.49E-5	2.77E-4	4.59E-5
	CC11	-0.0506	0.0552	-0.1292	-1.55E-5	2.76E-4	4.79E-5
	CC12	-0.0491	-0.0073	-0.1226	-5.00E-5	3.05E-4	4.29E-5
	CC13	-0.0490	-0.0070	-0.1221	-5.05E-5	3.04E-4	4.49E-5
	CC14	0.0118	0.0942	-0.0909	6.31E-5	-1.20E-4	-1.41E-5
	CC15	0.0122	0.0951	-0.0894	6.14E-5	-1.22E-4	-7.91E-6
	CC16	-0.0180	0.1093	-0.1128	4.62E-5	4.87E-5	1.43E-5
	CC17	-0.0176	0.1103	-0.1113	4.46E-5	4.64E-5	2.04E-5
	CC18	0.0172	-0.1129	-0.0674	-5.38E-5	-2.70E-5	-2.41E-5
	CC19	0.0176	-0.1120	-0.0659	-5.55E-5	-2.93E-5	-1.79E-5
	CC20	-0.0126	-0.0977	-0.0894	-7.07E-5	1.42E-4	4.27E-6
	CC21	-0.0122	-0.0968	-0.0879	-7.23E-5	1.39E-4	1.04E-5
547	CC1	0.0001	-0.0006	-0.0916	-1.97E-8	1.81E-7	-3.22E-6
	CC2	0.0001	-0.0006	-0.0916	-1.97E-8	1.81E-7	-3.22E-6
	CC3	0.0001	-0.0006	-0.0916	-1.97E-8	1.81E-7	-3.22E-6

	CC4	0.0001	-0.0005	-0.0889	3.63E-9	-3.42E-8	-3.12E-6
	CC5	0.0001	-0.0005	-0.0889	3.63E-9	-3.42E-8	-3.12E-6
	CC6	0.0258	0.0321	-0.0605	2.88E-5	-2.65E-4	2.89E-5
	CC7	0.0259	0.0323	-0.0601	2.89E-5	-2.66E-4	3.01E-5
	CC8	0.0270	-0.0025	-0.0540	2.53E-5	-2.33E-4	3.62E-5
	CC9	0.0271	-0.0023	-0.0536	2.54E-5	-2.34E-4	3.74E-5
	CC10	-0.0269	0.0012	-0.1225	-2.54E-5	2.34E-4	-4.36E-5
	CC11	-0.0268	0.0014	-0.1220	-2.53E-5	2.33E-4	-4.24E-5
	CC12	-0.0257	-0.0333	-0.1160	-2.89E-5	2.66E-4	-3.63E-5
	CC13	-0.0256	-0.0331	-0.1156	-2.88E-5	2.65E-4	-3.51E-5
	CC14	0.0059	0.0613	-0.0902	1.38E-5	-1.27E-4	-6.26E-6
	CC15	0.0061	0.0619	-0.0889	1.40E-5	-1.29E-4	-2.45E-6
	CC16	-0.0099	0.0521	-0.1088	-2.47E-6	2.27E-5	-2.80E-5
	CC17	-0.0097	0.0527	-0.1074	-2.21E-6	2.03E-5	-2.42E-5
	CC18	0.0099	-0.0537	-0.0686	2.23E-6	-2.05E-5	1.80E-5
	CC19	0.0101	-0.0531	-0.0673	2.49E-6	-2.30E-5	2.18E-5
	CC20	-0.0059	-0.0630	-0.0872	-1.40E-5	1.29E-4	-3.74E-6
	CC21	-0.0057	-0.0624	-0.0859	-1.38E-5	1.27E-4	7.17E-8
548	CC1	0.0000	-0.0008	-0.0923	-3.72E-6	-8.48E-7	6.44E-6
	CC2	0.0000	-0.0008	-0.0923	-3.72E-6	-8.48E-7	6.44E-6
	CC3	0.0000	-0.0008	-0.0923	-3.72E-6	-8.48E-7	6.44E-6
	CC4	0.0000	-0.0007	-0.0896	-3.55E-6	-1.04E-6	6.14E-6
	CC5	0.0000	-0.0007	-0.0896	-3.55E-6	-1.04E-6	6.14E-6
	CC6	0.0261	0.0315	-0.0583	-8.04E-6	-2.72E-4	-3.23E-5
	CC7	0.0261	0.0317	-0.0578	-7.17E-6	-2.71E-4	-3.15E-5
	CC8	0.0267	-0.0028	-0.0648	-7.76E-5	-2.59E-4	-2.65E-5
	CC9	0.0267	-0.0026	-0.0644	-7.67E-5	-2.58E-4	-2.57E-5
	CC10	-0.0268	0.0012	-0.1130	6.98E-5	2.56E-4	3.77E-5
	CC11	-0.0268	0.0014	-0.1125	7.06E-5	2.56E-4	3.86E-5
	CC12	-0.0261	-0.0331	-0.1195	1.92E-7	2.69E-4	4.36E-5
	CC13	-0.0261	-0.0329	-0.1191	1.06E-6	2.69E-4	4.44E-5
	CC14	0.0068	0.0607	-0.0702	9.95E-5	-1.02E-4	-1.54E-5
	CC15	0.0068	0.0613	-0.0689	1.02E-4	-1.02E-4	-1.29E-5
	CC16	-0.0091	0.0516	-0.0866	1.23E-4	5.60E-5	5.59E-6
	CC17	-0.0091	0.0522	-0.0853	1.25E-4	5.67E-5	8.10E-6
	CC18	0.0090	-0.0536	-0.0921	-1.32E-4	-5.89E-5	3.98E-6
	CC19	0.0090	-0.0530	-0.0908	-1.30E-4	-5.82E-5	6.49E-6
	CC20	-0.0068	-0.0627	-0.1085	-1.09E-4	9.94E-5	2.50E-5
	CC21	-0.0068	-0.0621	-0.1072	-1.06E-4	1.00E-4	2.75E-5
549	CC1	-0.0004	-0.0017	-0.0940	-4.84E-7	1.17E-5	6.09E-6
	CC2	-0.0004	-0.0017	-0.0940	-4.84E-7	1.17E-5	6.09E-6
	CC3	-0.0004	-0.0017	-0.0940	-4.84E-7	1.17E-5	6.09E-6
	CC4	-0.0004	-0.0016	-0.0912	-2.96E-7	1.11E-5	5.78E-6
	CC5	-0.0004	-0.0016	-0.0912	-2.96E-7	1.11E-5	5.78E-6
	CC6	0.0499	0.0044	-0.0539	2.23E-5	-3.01E-4	-4.88E-5
	CC7	0.0499	0.0047	-0.0534	2.27E-5	-3.01E-4	-4.70E-5
	CC8	0.0515	-0.0579	-0.0651	-1.07E-4	-2.87E-4	-3.70E-5
	CC9	0.0515	-0.0576	-0.0646	-1.07E-4	-2.86E-4	-3.52E-5
	CC10	-0.0521	0.0546	-0.1160	1.06E-4	3.08E-4	4.65E-5
	CC11	-0.0522	0.0549	-0.1155	1.07E-4	3.08E-4	4.83E-5
	CC12	-0.0506	-0.0077	-0.1271	-2.31E-5	3.23E-4	5.83E-5
	CC13	-0.0506	-0.0074	-0.1266	-2.28E-5	3.23E-4	6.02E-5
	CC14	0.0125	0.0943	-0.0631	2.02E-4	-1.05E-4	-3.11E-5
	CC15	0.0124	0.0952	-0.0617	2.03E-4	-1.05E-4	-2.55E-5
	CC16	-0.0182	0.1093	-0.0817	2.28E-4	7.77E-5	-2.51E-6
	CC17	-0.0182	0.1102	-0.0803	2.29E-4	7.82E-5	3.06E-6
	CC18	0.0176	-0.1133	-0.1002	-2.29E-4	-5.63E-5	8.28E-6
	CC19	0.0175	-0.1124	-0.0988	-2.28E-4	-5.58E-5	1.39E-5
	CC20	-0.0131	-0.0982	-0.1189	-2.04E-4	1.26E-4	3.69E-5
	CC21	-0.0131	-0.0973	-0.1174	-2.03E-4	1.27E-4	4.24E-5
550	CC1	-0.0001	-0.0009	-0.0935	-4.71E-6	4.14E-6	4.38E-6
	CC2	-0.0001	-0.0009	-0.0935	-4.71E-6	4.14E-6	4.38E-6
	CC3	-0.0001	-0.0009	-0.0935	-4.71E-6	4.14E-6	4.38E-6
	CC4	-0.0001	-0.0008	-0.0907	-4.31E-6	3.81E-6	4.18E-6
	CC5	-0.0001	-0.0008	-0.0907	-4.31E-6	3.81E-6	4.18E-6
	CC6	0.0513	0.0455	-0.0962	9.37E-5	-2.99E-4	-3.58E-5
	CC7	0.0512	0.0442	-0.0964	9.25E-5	-2.98E-4	-3.40E-5
	CC8	0.0522	-0.0272	-0.0980	-1.41E-5	-2.89E-4	-4.43E-5
	CC9	0.0522	-0.0285	-0.0981	-1.52E-5	-2.88E-4	-4.25E-5
	CC10	-0.0523	0.0270	-0.0815	6.85E-6	2.96E-4	5.07E-5
	CC11	-0.0523	0.0258	-0.0816	5.70E-6	2.96E-4	5.25E-5
	CC12	-0.0513	-0.0457	-0.0832	-1.01E-4	3.06E-4	4.22E-5

	CC13	-0.0514	-0.0469	-0.0833	-1.02E-4	3.06E-4	4.40E-5
	CC14	0.0139	0.1252	-0.0889	1.90E-4	-1.03E-4	2.50E-6
	CC15	0.0138	0.1213	-0.0893	1.87E-4	-1.01E-4	8.01E-6
	CC16	-0.0171	0.1196	-0.0845	1.64E-4	7.56E-5	2.84E-5
	CC17	-0.0172	0.1158	-0.0849	1.61E-4	7.73E-5	3.40E-5
	CC18	0.0171	-0.1172	-0.0947	-1.69E-4	-6.99E-5	-2.57E-5
	CC19	0.0170	-0.1211	-0.0950	-1.72E-4	-6.82E-5	-2.02E-5
	CC20	-0.0139	-0.1227	-0.0902	-1.95E-4	1.09E-4	2.09E-7
	CC21	-0.0140	-0.1266	-0.0906	-1.98E-4	1.10E-4	5.72E-6
551	CC1	0.0001	-0.0003	-0.0921	-1.50E-6	5.26E-7	3.58E-6
	CC2	0.0001	-0.0003	-0.0921	-1.50E-6	5.26E-7	3.58E-6
	CC3	0.0001	-0.0003	-0.0921	-1.50E-6	5.26E-7	3.58E-6
	CC4	0.0001	-0.0003	-0.0894	-1.35E-6	3.38E-7	3.42E-6
	CC5	0.0001	-0.0003	-0.0894	-1.35E-6	3.38E-7	3.42E-6
	CC6	0.0273	0.0281	-0.0960	-5.04E-6	-2.92E-4	-1.10E-5
	CC7	0.0273	0.0273	-0.0961	-4.60E-6	-2.91E-4	-1.02E-5
	CC8	0.0268	-0.0161	-0.0944	-3.31E-5	-2.58E-4	-2.66E-5
	CC9	0.0268	-0.0169	-0.0945	-3.27E-5	-2.57E-4	-2.58E-5
	CC10	-0.0267	0.0164	-0.0826	3.01E-5	2.57E-4	3.26E-5
	CC11	-0.0267	0.0156	-0.0827	3.05E-5	2.58E-4	3.33E-5
	CC12	-0.0272	-0.0279	-0.0810	2.00E-6	2.92E-4	1.70E-5
	CC13	-0.0272	-0.0286	-0.0811	2.44E-6	2.93E-4	1.77E-5
	CC14	0.0090	0.0764	-0.0931	3.96E-5	-1.41E-4	2.17E-5
	CC15	0.0090	0.0740	-0.0934	4.09E-5	-1.38E-4	2.40E-5
	CC16	-0.0072	0.0729	-0.0891	5.01E-5	2.42E-5	3.47E-5
	CC17	-0.0072	0.0705	-0.0893	5.14E-5	2.71E-5	3.70E-5
	CC18	0.0074	-0.0710	-0.0877	-5.41E-5	-2.66E-5	-3.03E-5
	CC19	0.0073	-0.0734	-0.0880	-5.27E-5	-2.36E-5	-2.80E-5
	CC20	-0.0088	-0.0746	-0.0837	-4.35E-5	1.38E-4	-1.72E-5
	CC21	-0.0089	-0.0769	-0.0840	-4.22E-5	1.41E-4	-1.50E-5
552	CC1	0.0000	-0.0001	-0.0906	9.02E-8	-9.15E-8	1.17E-6
	CC2	0.0000	-0.0001	-0.0906	9.02E-8	-9.15E-8	1.17E-6
	CC3	0.0000	-0.0001	-0.0906	9.02E-8	-9.15E-8	1.17E-6
	CC4	0.0000	0.0000	-0.0879	8.48E-8	-2.03E-7	1.11E-6
	CC5	0.0000	0.0000	-0.0879	8.48E-8	-2.03E-7	1.11E-6
	CC6	0.0077	0.0066	-0.0946	-3.02E-5	-2.03E-4	-1.16E-7
	CC7	0.0077	0.0063	-0.0946	-2.95E-5	-2.02E-4	-2.22E-9
	CC8	0.0078	-0.0120	-0.0907	-2.42E-5	-1.51E-4	-7.42E-6
	CC9	0.0078	-0.0123	-0.0908	-2.36E-5	-1.50E-4	-7.31E-6
	CC10	-0.0078	0.0122	-0.0833	2.38E-5	1.49E-4	9.50E-6
	CC11	-0.0078	0.0119	-0.0834	2.44E-5	1.50E-4	9.61E-6
	CC12	-0.0076	-0.0064	-0.0795	2.97E-5	2.01E-4	2.19E-6
	CC13	-0.0076	-0.0067	-0.0795	3.03E-5	2.02E-4	2.31E-6
	CC14	0.0020	0.0306	-0.0951	-1.88E-5	-1.42E-4	1.17E-5
	CC15	0.0021	0.0296	-0.0952	-1.69E-5	-1.39E-4	1.20E-5
	CC16	-0.0026	0.0323	-0.0917	-2.66E-6	-3.61E-5	1.45E-5
	CC17	-0.0026	0.0313	-0.0918	-7.48E-7	-3.29E-5	1.49E-5
	CC18	0.0026	-0.0313	-0.0823	9.14E-7	3.24E-5	-1.27E-5
	CC19	0.0027	-0.0324	-0.0824	2.83E-6	3.56E-5	-1.23E-5
	CC20	-0.0020	-0.0297	-0.0789	1.71E-5	1.38E-4	-9.81E-6
	CC21	-0.0020	-0.0307	-0.0790	1.90E-5	1.41E-4	-9.47E-6
553	CC1	0.0001	-0.0001	-0.0902	1.88E-7	-1.36E-6	-1.11E-7
	CC2	0.0001	-0.0001	-0.0902	1.88E-7	-1.36E-6	-1.11E-7
	CC3	0.0001	-0.0001	-0.0902	1.88E-7	-1.36E-6	-1.11E-7
	CC4	0.0001	-0.0001	-0.0876	1.95E-7	-1.41E-6	-1.09E-7
	CC5	0.0001	-0.0001	-0.0876	1.95E-7	-1.41E-6	-1.09E-7
	CC6	0.0076	0.0070	-0.0972	2.66E-5	-1.93E-4	-9.80E-6
	CC7	0.0077	0.0066	-0.0972	2.66E-5	-1.93E-4	-9.44E-6
	CC8	0.0079	-0.0127	-0.0892	1.96E-5	-1.42E-4	-4.32E-6
	CC9	0.0080	-0.0131	-0.0892	1.95E-5	-1.42E-4	-3.95E-6
	CC10	-0.0078	0.0129	-0.0843	-1.91E-5	1.39E-4	3.74E-6
	CC11	-0.0078	0.0126	-0.0843	-1.92E-5	1.39E-4	4.10E-6
	CC12	-0.0075	-0.0067	-0.0763	-2.62E-5	1.90E-4	9.22E-6
	CC13	-0.0075	-0.0071	-0.0763	-2.62E-5	1.91E-4	9.59E-6
	CC14	0.0019	0.0323	-0.1020	1.89E-5	-1.38E-4	-1.18E-5
	CC15	0.0019	0.0313	-0.1019	1.87E-5	-1.36E-4	-1.07E-5
	CC16	-0.0028	0.0341	-0.0981	5.22E-6	-3.79E-5	-7.77E-6
	CC17	-0.0027	0.0331	-0.0980	5.03E-6	-3.65E-5	-6.66E-6
	CC18	0.0028	-0.0332	-0.0755	-4.63E-6	3.36E-5	6.45E-6
	CC19	0.0029	-0.0343	-0.0754	-4.82E-6	3.50E-5	7.56E-6
	CC20	-0.0018	-0.0314	-0.0716	-1.84E-5	1.33E-4	1.05E-5
	CC21	-0.0017	-0.0325	-0.0715	-1.85E-5	1.35E-4	1.16E-5

554	CC1	0.0001	-0.0001	-0.0900	1.20E-7	-8.73E-7	-3.67E-7
	CC2	0.0001	-0.0001	-0.0900	1.20E-7	-8.73E-7	-3.67E-7
	CC3	0.0001	-0.0001	-0.0900	1.20E-7	-8.73E-7	-3.67E-7
	CC4	0.0001	-0.0001	-0.0875	1.30E-7	-9.45E-7	-3.45E-7
	CC5	0.0001	-0.0001	-0.0875	1.30E-7	-9.45E-7	-3.45E-7
	CC6	0.0078	0.0069	-0.1003	2.70E-5	-1.96E-4	8.71E-6
	CC7	0.0079	0.0065	-0.1003	2.70E-5	-1.96E-4	8.92E-6
	CC8	0.0081	-0.0124	-0.0883	2.01E-5	-1.46E-4	3.97E-6
	CC9	0.0081	-0.0128	-0.0882	2.01E-5	-1.46E-4	4.18E-6
	CC10	-0.0080	0.0126	-0.0850	-1.99E-5	1.44E-4	-4.86E-6
	CC11	-0.0080	0.0123	-0.0849	-1.99E-5	1.44E-4	-4.64E-6
	CC12	-0.0077	-0.0067	-0.0730	-2.67E-5	1.94E-4	-9.60E-6
	CC13	-0.0077	-0.0070	-0.0729	-2.67E-5	1.94E-4	-9.39E-6
	CC14	0.0019	0.0318	-0.1091	1.85E-5	-1.34E-4	9.27E-6
	CC15	0.0020	0.0307	-0.1088	1.86E-5	-1.35E-4	9.92E-6
	CC16	-0.0029	0.0335	-0.1044	4.48E-6	-3.25E-5	5.20E-6
	CC17	-0.0027	0.0324	-0.1042	4.53E-6	-3.29E-5	5.85E-6
	CC18	0.0028	-0.0326	-0.0690	-4.26E-6	3.09E-5	-6.53E-6
	CC19	0.0030	-0.0336	-0.0688	-4.21E-6	3.05E-5	-5.88E-6
	CC20	-0.0019	-0.0309	-0.0644	-1.83E-5	1.33E-4	-1.06E-5
	CC21	-0.0018	-0.0319	-0.0642	-1.83E-5	1.33E-4	-9.95E-6
555	CC1	0.0001	-0.0010	-0.0923	-7.83E-6	3.20E-6	1.24E-6
	CC2	0.0001	-0.0010	-0.0923	-7.83E-6	3.20E-6	1.24E-6
	CC3	0.0001	-0.0010	-0.0923	-7.83E-6	3.20E-6	1.24E-6
	CC4	0.0002	-0.0009	-0.0897	-7.32E-6	2.90E-6	1.19E-6
	CC5	0.0002	-0.0009	-0.0897	-7.32E-6	2.90E-6	1.19E-6
	CC6	0.0513	0.0449	-0.1026	1.01E-4	-2.84E-4	-4.11E-5
	CC7	0.0514	0.0436	-0.1026	9.97E-5	-2.84E-4	-3.93E-5
	CC8	0.0508	-0.0277	-0.0955	7.28E-5	-2.66E-4	-4.08E-5
	CC9	0.0509	-0.0290	-0.0955	7.11E-5	-2.67E-4	-3.89E-5
	CC10	-0.0505	0.0273	-0.0821	-8.54E-5	2.72E-4	4.13E-5
	CC11	-0.0504	0.0260	-0.0821	-8.71E-5	2.72E-4	4.31E-5
	CC12	-0.0511	-0.0453	-0.0749	-1.14E-4	2.90E-4	4.16E-5
	CC13	-0.0509	-0.0465	-0.0750	-1.16E-4	2.89E-4	4.35E-5
	CC14	0.0161	0.1247	-0.1037	7.11E-5	-1.09E-4	-1.46E-5
	CC15	0.0165	0.1209	-0.1038	6.59E-5	-1.10E-4	-8.95E-6
	CC16	-0.0144	0.1194	-0.0976	1.51E-5	5.81E-5	1.02E-5
	CC17	-0.0141	0.1156	-0.0976	9.82E-6	5.66E-5	1.58E-5
	CC18	0.0144	-0.1173	-0.0799	-2.41E-5	-5.10E-5	-1.34E-5
	CC19	0.0148	-0.1211	-0.0800	-2.94E-5	-5.24E-5	-7.81E-6
	CC20	-0.0161	-0.1225	-0.0738	-8.02E-5	1.16E-4	1.13E-5
	CC21	-0.0158	-0.1263	-0.0738	-8.54E-5	1.14E-4	1.69E-5
556	CC1	0.0002	-0.0004	-0.0915	7.80E-8	-5.64E-7	-9.35E-8
	CC2	0.0002	-0.0004	-0.0915	7.80E-8	-5.64E-7	-9.35E-8
	CC3	0.0002	-0.0004	-0.0915	7.80E-8	-5.64E-7	-9.35E-8
	CC4	0.0002	-0.0003	-0.0888	9.98E-8	-7.23E-7	-8.58E-8
	CC5	0.0002	-0.0003	-0.0888	9.98E-8	-7.23E-7	-8.58E-8
	CC6	0.0274	0.0282	-0.1003	3.96E-5	-2.87E-4	-2.36E-5
	CC7	0.0275	0.0274	-0.1003	3.95E-5	-2.87E-4	-2.26E-5
	CC8	0.0266	-0.0165	-0.0927	3.29E-5	-2.39E-4	-2.08E-5
	CC9	0.0266	-0.0172	-0.0927	3.29E-5	-2.39E-4	-1.98E-5
	CC10	-0.0262	0.0166	-0.0831	-3.27E-5	2.37E-4	1.97E-5
	CC11	-0.0261	0.0158	-0.0831	-3.27E-5	2.37E-4	2.07E-5
	CC12	-0.0271	-0.0280	-0.0755	-3.93E-5	2.86E-4	2.24E-5
	CC13	-0.0270	-0.0288	-0.0755	-3.94E-5	2.86E-4	2.34E-5
	CC14	0.0097	0.0770	-0.1031	2.21E-5	-1.60E-4	-1.26E-5
	CC15	0.0098	0.0746	-0.1031	2.20E-5	-1.60E-4	-9.60E-6
	CC16	-0.0064	0.0735	-0.0980	4.30E-7	-3.09E-6	3.16E-7
	CC17	-0.0063	0.0712	-0.0980	3.46E-7	-2.48E-6	3.36E-6
	CC18	0.0067	-0.0718	-0.0779	-1.32E-7	9.30E-7	-3.53E-6
	CC19	0.0069	-0.0742	-0.0779	-2.16E-7	1.54E-6	-4.83E-7
	CC20	-0.0094	-0.0753	-0.0727	-2.18E-5	1.58E-4	9.44E-6
	CC21	-0.0092	-0.0777	-0.0727	-2.19E-5	1.59E-4	1.25E-5
557	CC1	0.0002	-0.0005	-0.0912	1.51E-8	-1.11E-7	-1.35E-6
	CC2	0.0002	-0.0005	-0.0912	1.51E-8	-1.11E-7	-1.35E-6
	CC3	0.0002	-0.0005	-0.0912	1.51E-8	-1.11E-7	-1.35E-6
	CC4	0.0002	-0.0004	-0.0886	3.88E-8	-2.83E-7	-1.31E-6
	CC5	0.0002	-0.0004	-0.0886	3.88E-8	-2.83E-7	-1.31E-6
	CC6	0.0270	0.0279	-0.1061	3.78E-5	-2.75E-4	-2.88E-5
	CC7	0.0272	0.0271	-0.1061	3.79E-5	-2.75E-4	-2.77E-5
	CC8	0.0265	-0.0169	-0.0926	3.17E-5	-2.30E-4	-2.20E-5
	CC9	0.0267	-0.0176	-0.0925	3.18E-5	-2.31E-4	-2.09E-5

	CC10	-0.0263	0.0168	-0.0830	-3.17E-5	2.30E-4	1.83E-5
	CC11	-0.0262	0.0160	-0.0829	-3.16E-5	2.30E-4	1.94E-5
	CC12	-0.0268	-0.0280	-0.0695	-3.78E-5	2.75E-4	2.51E-5
	CC13	-0.0267	-0.0287	-0.0694	-3.77E-5	2.74E-4	2.62E-5
	CC14	0.0088	0.0771	-0.1139	2.05E-5	-1.49E-4	-2.14E-5
	CC15	0.0092	0.0747	-0.1136	2.08E-5	-1.51E-4	-1.79E-5
	CC16	-0.0072	0.0737	-0.1069	-3.63E-7	2.61E-6	-7.31E-6
	CC17	-0.0068	0.0714	-0.1067	-5.91E-8	4.02E-7	-3.81E-6
	CC18	0.0071	-0.0722	-0.0688	1.52E-7	-1.08E-6	1.23E-6
	CC19	0.0075	-0.0746	-0.0686	4.56E-7	-3.29E-6	4.73E-6
	CC20	-0.0089	-0.0755	-0.0619	-2.07E-5	1.50E-4	1.54E-5
	CC21	-0.0085	-0.0779	-0.0616	-2.04E-5	1.48E-4	1.89E-5
558	CC1	0.0002	-0.0011	-0.0922	-2.76E-6	1.30E-6	-6.02E-7
	CC2	0.0002	-0.0011	-0.0922	-2.76E-6	1.30E-6	-6.02E-7
	CC3	0.0002	-0.0011	-0.0922	-2.76E-6	1.30E-6	-6.02E-7
	CC4	0.0002	-0.0010	-0.0895	-2.58E-6	1.06E-6	-5.90E-7
	CC5	0.0002	-0.0010	-0.0895	-2.58E-6	1.06E-6	-5.90E-7
	CC6	0.0497	0.0444	-0.1108	7.39E-5	-2.80E-4	-5.02E-5
	CC7	0.0499	0.0432	-0.1107	7.32E-5	-2.81E-4	-4.81E-5
	CC8	0.0505	-0.0284	-0.0962	6.38E-5	-2.61E-4	-3.82E-5
	CC9	0.0508	-0.0296	-0.0961	6.32E-5	-2.62E-4	-3.61E-5
	CC10	-0.0503	0.0277	-0.0812	-6.82E-5	2.64E-4	3.49E-5
	CC11	-0.0501	0.0264	-0.0812	-6.89E-5	2.63E-4	3.70E-5
	CC12	-0.0495	-0.0451	-0.0666	-7.83E-5	2.83E-4	4.69E-5
	CC13	-0.0492	-0.0463	-0.0666	-7.89E-5	2.82E-4	4.90E-5
	CC14	0.0134	0.1247	-0.1175	3.66E-5	-1.10E-4	-3.65E-5
	CC15	0.0143	0.1210	-0.1173	3.45E-5	-1.14E-4	-3.02E-5
	CC16	-0.0166	0.1197	-0.1086	-6.07E-6	5.29E-5	-1.10E-5
	CC17	-0.0157	0.1160	-0.1085	-8.10E-6	4.90E-5	-4.67E-6
	CC18	0.0161	-0.1179	-0.0689	3.07E-6	-4.70E-5	3.50E-6
	CC19	0.0170	-0.1216	-0.0687	1.04E-6	-5.09E-5	9.82E-6
	CC20	-0.0139	-0.1229	-0.0600	-3.96E-5	1.16E-4	2.90E-5
	CC21	-0.0130	-0.1266	-0.0598	-4.16E-5	1.12E-4	3.53E-5
559	CC1	0.0001	-0.0009	-0.0925	-5.04E-6	-2.80E-7	2.82E-6
	CC2	0.0001	-0.0009	-0.0925	-5.04E-6	-2.80E-7	2.82E-6
	CC3	0.0001	-0.0009	-0.0925	-5.04E-6	-2.80E-7	2.82E-6
	CC4	0.0001	-0.0008	-0.0899	-4.37E-6	-2.42E-7	2.60E-6
	CC5	0.0001	-0.0008	-0.0899	-4.37E-6	-2.42E-7	2.60E-6
	CC6	0.0484	0.0391	-0.1106	1.88E-4	1.04E-5	2.56E-5
	CC7	0.0489	0.0382	-0.1104	1.83E-4	1.02E-5	2.86E-5
	CC8	0.0506	-0.0300	-0.0890	-1.35E-4	-7.51E-6	8.88E-5
	CC9	0.0510	-0.0309	-0.0889	-1.40E-4	-7.75E-6	9.18E-5
	CC10	-0.0508	0.0294	-0.0891	1.31E-4	7.29E-6	-8.68E-5
	CC11	-0.0503	0.0284	-0.0889	1.27E-4	7.05E-6	-8.37E-5
	CC12	-0.0486	-0.0397	-0.0675	-1.92E-4	-1.06E-5	-2.36E-5
	CC13	-0.0481	-0.0406	-0.0674	-1.96E-4	-1.09E-5	-2.05E-5
	CC14	0.0106	0.1173	-0.1285	5.49E-4	3.05E-5	-9.06E-5
	CC15	0.0121	0.1144	-0.1279	5.36E-4	2.97E-5	-8.13E-5
	CC16	-0.0191	0.1144	-0.1220	5.32E-4	2.96E-5	-1.24E-4
	CC17	-0.0176	0.1115	-0.1215	5.19E-4	2.88E-5	-1.15E-4
	CC18	0.0179	-0.1130	-0.0565	-5.27E-4	-2.93E-5	1.20E-4
	CC19	0.0194	-0.1159	-0.0560	-5.41E-4	-3.00E-5	1.29E-4
	CC20	-0.0118	-0.1159	-0.0501	-5.44E-4	-3.02E-5	8.64E-5
	CC21	-0.0104	-0.1188	-0.0495	-5.58E-4	-3.09E-5	9.57E-5
560	CC1	0.0000	-0.0004	-0.0912	-5.97E-6	-3.32E-7	4.78E-7
	CC2	0.0000	-0.0004	-0.0912	-5.97E-6	-3.32E-7	4.78E-7
	CC3	0.0000	-0.0004	-0.0912	-5.97E-6	-3.32E-7	4.78E-7
	CC4	0.0000	-0.0004	-0.0886	-5.40E-6	-2.99E-7	3.64E-7
	CC5	0.0000	-0.0004	-0.0886	-5.40E-6	-2.99E-7	3.64E-7
	CC6	0.0279	0.0223	-0.1049	1.83E-4	1.02E-5	-4.63E-6
	CC7	0.0282	0.0217	-0.1047	1.78E-4	9.90E-6	-2.28E-6
	CC8	0.0290	-0.0178	-0.0860	-1.50E-4	-8.33E-6	7.30E-5
	CC9	0.0293	-0.0184	-0.0858	-1.55E-4	-8.60E-6	7.53E-5
	CC10	-0.0292	0.0177	-0.0898	1.44E-4	8.02E-6	-7.47E-5
	CC11	-0.0289	0.0171	-0.0896	1.40E-4	7.75E-6	-7.23E-5
	CC12	-0.0281	-0.0224	-0.0708	-1.89E-4	-1.05E-5	2.93E-6
	CC13	-0.0278	-0.0229	-0.0707	-1.94E-4	-1.07E-5	5.29E-6
	CC14	0.0063	0.0680	-0.1218	5.63E-4	3.13E-5	-1.22E-4
	CC15	0.0072	0.0662	-0.1213	5.49E-4	3.05E-5	-1.15E-4
	CC16	-0.0108	0.0666	-0.1173	5.52E-4	3.06E-5	-1.43E-4
	CC17	-0.0099	0.0649	-0.1168	5.37E-4	2.98E-5	-1.36E-4
	CC18	0.0100	-0.0656	-0.0588	-5.47E-4	-3.04E-5	1.37E-4

	CC19	0.0109	-0.0673	-0.0582	-5.62E-4	-3.12E-5	1.44E-4
	CC20	-0.0071	-0.0669	-0.0542	-5.59E-4	-3.10E-5	1.16E-4
	CC21	-0.0063	-0.0687	-0.0537	-5.74E-4	-3.18E-5	1.23E-4
561	CC1	0.0000	-0.0001	-0.0899	-1.73E-6	-9.61E-8	-4.24E-7
	CC2	0.0000	-0.0001	-0.0899	-1.73E-6	-9.61E-8	-4.24E-7
	CC3	0.0000	-0.0001	-0.0899	-1.73E-6	-9.61E-8	-4.24E-7
	CC4	0.0000	-0.0001	-0.0874	-1.44E-6	-8.01E-8	-4.67E-7
	CC5	0.0000	-0.0001	-0.0874	-1.44E-6	-8.01E-8	-4.67E-7
	CC6	0.0113	0.0072	-0.0990	1.21E-4	6.71E-6	-1.71E-5
	CC7	0.0114	0.0070	-0.0988	1.17E-4	6.48E-6	-1.58E-5
	CC8	0.0117	-0.0056	-0.0834	-1.61E-4	-8.93E-6	4.42E-5
	CC9	0.0118	-0.0058	-0.0833	-1.65E-4	-9.16E-6	4.56E-5
	CC10	-0.0118	0.0057	-0.0898	1.62E-4	9.01E-6	-4.65E-5
	CC11	-0.0117	0.0055	-0.0896	1.58E-4	8.78E-6	-4.52E-5
	CC12	-0.0114	-0.0071	-0.0742	-1.19E-4	-6.63E-6	1.48E-5
	CC13	-0.0113	-0.0073	-0.0740	-1.24E-4	-6.86E-6	1.61E-5
	CC14	0.0025	0.0218	-0.1141	4.68E-4	2.60E-5	-1.00E-4
	CC15	0.0029	0.0212	-0.1136	4.56E-4	2.53E-5	-9.63E-5
	CC16	-0.0044	0.0213	-0.1113	4.81E-4	2.67E-5	-1.09E-4
	CC17	-0.0040	0.0208	-0.1108	4.68E-4	2.60E-5	-1.05E-4
	CC18	0.0040	-0.0209	-0.0622	-4.71E-4	-2.61E-5	1.04E-4
	CC19	0.0044	-0.0214	-0.0617	-4.84E-4	-2.68E-5	1.08E-4
	CC20	-0.0029	-0.0213	-0.0594	-4.58E-4	-2.54E-5	9.53E-5
	CC21	-0.0025	-0.0219	-0.0589	-4.71E-4	-2.62E-5	9.94E-5
562	CC1	-0.0001	-0.0001	-0.0898	-1.15E-6	-6.36E-8	7.18E-7
	CC2	-0.0001	-0.0001	-0.0898	-1.15E-6	-6.36E-8	7.18E-7
	CC3	-0.0001	-0.0001	-0.0898	-1.15E-6	-6.36E-8	7.18E-7
	CC4	0.0000	0.0000	-0.0873	-9.79E-7	-5.44E-8	6.44E-7
	CC5	0.0000	0.0000	-0.0873	-9.79E-7	-5.44E-8	6.44E-7
	CC6	0.0132	0.0058	-0.0915	1.02E-4	5.69E-6	3.17E-6
	CC7	0.0133	0.0057	-0.0914	9.99E-5	5.54E-6	3.64E-6
	CC8	0.0131	-0.0039	-0.0765	-1.17E-4	-6.50E-6	1.49E-5
	CC9	0.0132	-0.0040	-0.0763	-1.20E-4	-6.64E-6	1.53E-5
	CC10	-0.0133	0.0039	-0.0965	1.18E-4	6.54E-6	-1.41E-5
	CC11	-0.0132	0.0038	-0.0963	1.15E-4	6.40E-6	-1.36E-5
	CC12	-0.0134	-0.0058	-0.0814	-1.02E-4	-5.65E-6	-2.40E-6
	CC13	-0.0133	-0.0059	-0.0812	-1.04E-4	-5.79E-6	-1.93E-6
	CC14	0.0039	0.0166	-0.1110	3.67E-4	2.03E-5	-1.70E-5
	CC15	0.0043	0.0163	-0.1104	3.59E-4	1.99E-5	-1.55E-5
	CC16	-0.0041	0.0161	-0.1125	3.71E-4	2.06E-5	-2.22E-5
	CC17	-0.0037	0.0158	-0.1119	3.63E-4	2.02E-5	-2.07E-5
	CC18	0.0036	-0.0158	-0.0609	-3.65E-4	-2.03E-5	2.20E-5
	CC19	0.0040	-0.0162	-0.0603	-3.73E-4	-2.07E-5	2.34E-5
	CC20	-0.0044	-0.0164	-0.0624	-3.61E-4	-2.00E-5	1.68E-5
	CC21	-0.0039	-0.0167	-0.0618	-3.68E-4	-2.05E-5	1.82E-5
563	CC1	-0.0001	0.0000	-0.0897	-5.56E-7	-3.09E-8	1.81E-7
	CC2	-0.0001	0.0000	-0.0897	-5.56E-7	-3.09E-8	1.81E-7
	CC3	-0.0001	0.0000	-0.0897	-5.56E-7	-3.09E-8	1.81E-7
	CC4	-0.0001	0.0000	-0.0871	-4.95E-7	-2.75E-8	1.26E-7
	CC5	-0.0001	0.0000	-0.0871	-4.95E-7	-2.75E-8	1.26E-7
	CC6	0.0142	0.0057	-0.0876	1.19E-4	6.61E-6	-1.09E-5
	CC7	0.0143	0.0056	-0.0874	1.17E-4	6.51E-6	-1.05E-5
	CC8	0.0136	-0.0030	-0.0727	-7.56E-5	-4.20E-6	-1.88E-6
	CC9	0.0137	-0.0031	-0.0725	-7.73E-5	-4.29E-6	-1.51E-6
	CC10	-0.0139	0.0030	-0.1001	7.63E-5	4.24E-6	1.73E-6
	CC11	-0.0138	0.0030	-0.0998	7.47E-5	4.14E-6	2.10E-6
	CC12	-0.0145	-0.0057	-0.0851	-1.18E-4	-6.57E-6	1.07E-5
	CC13	-0.0143	-0.0058	-0.0849	-1.20E-4	-6.66E-6	1.11E-5
	CC14	0.0048	0.0150	-0.1096	3.33E-4	1.85E-5	-1.73E-5
	CC15	0.0052	0.0148	-0.1089	3.28E-4	1.82E-5	-1.62E-5
	CC16	-0.0036	0.0142	-0.1133	3.20E-4	1.78E-5	-1.36E-5
	CC17	-0.0032	0.0140	-0.1127	3.15E-4	1.75E-5	-1.24E-5
	CC18	0.0030	-0.0140	-0.0598	-3.16E-4	-1.75E-5	1.27E-5
	CC19	0.0034	-0.0142	-0.0592	-3.21E-4	-1.78E-5	1.38E-5
	CC20	-0.0054	-0.0148	-0.0636	-3.29E-4	-1.82E-5	1.64E-5
	CC21	-0.0050	-0.0150	-0.0629	-3.34E-4	-1.85E-5	1.76E-5
564	CC1	0.0000	-0.0007	-0.0923	-6.11E-6	-3.39E-7	5.17E-7
	CC2	0.0000	-0.0007	-0.0923	-6.11E-6	-3.39E-7	5.17E-7
	CC3	0.0000	-0.0007	-0.0923	-6.11E-6	-3.39E-7	5.17E-7
	CC4	0.0000	-0.0007	-0.0897	-5.41E-6	-3.00E-7	3.16E-7
	CC5	0.0000	-0.0007	-0.0897	-5.41E-6	-3.00E-7	3.16E-7
	CC6	0.0489	0.0368	-0.1015	1.95E-4	1.08E-5	-6.19E-5

	CC7	0.0494	0.0361	-0.1013	1.91E-4	1.06E-5	-5.95E-5
	CC8	0.0508	-0.0276	-0.0813	-1.69E-4	-9.37E-6	-3.50E-5
	CC9	0.0513	-0.0283	-0.0811	-1.73E-4	-9.60E-6	-3.26E-5
	CC10	-0.0512	0.0271	-0.0966	1.63E-4	9.03E-6	3.31E-5
	CC11	-0.0508	0.0264	-0.0964	1.58E-4	8.80E-6	3.55E-5
	CC12	-0.0493	-0.0373	-0.0763	-2.01E-4	-1.12E-5	6.00E-5
	CC13	-0.0488	-0.0381	-0.0761	-2.05E-4	-1.14E-5	6.24E-5
	CC14	0.0111	0.1093	-0.1236	6.12E-4	3.40E-5	-6.25E-5
	CC15	0.0126	0.1072	-0.1230	6.00E-4	3.33E-5	-5.53E-5
	CC16	-0.0189	0.1064	-0.1221	6.02E-4	3.34E-5	-3.40E-5
	CC17	-0.0175	0.1043	-0.1215	5.90E-4	3.27E-5	-2.68E-5
	CC18	0.0175	-0.1055	-0.0561	-6.00E-4	-3.33E-5	2.73E-5
	CC19	0.0190	-0.1077	-0.0555	-6.13E-4	-3.40E-5	3.45E-5
	CC20	-0.0125	-0.1084	-0.0547	-6.10E-4	-3.39E-5	5.58E-5
	CC21	-0.0111	-0.1106	-0.0540	-6.22E-4	-3.45E-5	6.30E-5
565	CC1	-0.0001	-0.0003	-0.0911	-4.10E-6	-2.28E-7	2.55E-6
	CC2	-0.0001	-0.0003	-0.0911	-4.10E-6	-2.28E-7	2.55E-6
	CC3	-0.0001	-0.0003	-0.0911	-4.10E-6	-2.28E-7	2.55E-6
	CC4	0.0000	-0.0002	-0.0885	-3.65E-6	-2.02E-7	2.30E-6
	CC5	0.0000	-0.0002	-0.0885	-3.65E-6	-2.02E-7	2.30E-6
	CC6	0.0295	0.0196	-0.0985	1.76E-4	9.76E-6	1.17E-5
	CC7	0.0298	0.0192	-0.0983	1.72E-4	9.54E-6	1.34E-5
	CC8	0.0301	-0.0146	-0.0807	-1.54E-4	-8.53E-6	5.06E-5
	CC9	0.0304	-0.0150	-0.0805	-1.58E-4	-8.74E-6	5.23E-5
	CC10	-0.0305	0.0145	-0.0947	1.51E-4	8.36E-6	-4.79E-5
	CC11	-0.0302	0.0141	-0.0945	1.47E-4	8.15E-6	-4.62E-5
	CC12	-0.0299	-0.0197	-0.0769	-1.79E-4	-9.93E-6	-8.96E-6
	CC13	-0.0296	-0.0201	-0.0767	-1.83E-4	-1.01E-5	-7.27E-6
	CC14	0.0074	0.0582	-0.1181	5.55E-4	3.08E-5	-5.62E-5
	CC15	0.0083	0.0570	-0.1175	5.44E-4	3.02E-5	-5.11E-5
	CC16	-0.0106	0.0566	-0.1170	5.48E-4	3.04E-5	-7.41E-5
	CC17	-0.0097	0.0555	-0.1164	5.36E-4	2.98E-5	-6.90E-5
	CC18	0.0096	-0.0559	-0.0589	-5.43E-4	-3.01E-5	7.34E-5
	CC19	0.0105	-0.0571	-0.0583	-5.55E-4	-3.08E-5	7.86E-5
	CC20	-0.0084	-0.0575	-0.0577	-5.51E-4	-3.06E-5	5.56E-5
	CC21	-0.0075	-0.0586	-0.0571	-5.62E-4	-3.12E-5	6.07E-5
566	CC1	-0.0002	-0.0001	-0.0909	-9.07E-7	-5.04E-8	9.62E-7
	CC2	-0.0002	-0.0001	-0.0909	-9.07E-7	-5.04E-8	9.62E-7
	CC3	-0.0002	-0.0001	-0.0909	-9.07E-7	-5.04E-8	9.62E-7
	CC4	-0.0001	-0.0001	-0.0883	-6.97E-7	-3.87E-8	7.98E-7
	CC5	-0.0001	-0.0001	-0.0883	-6.97E-7	-3.87E-8	7.98E-7
	CC6	0.0307	0.0203	-0.0899	2.05E-4	1.14E-5	-2.58E-5
	CC7	0.0310	0.0200	-0.0897	2.02E-4	1.12E-5	-2.48E-5
	CC8	0.0306	-0.0118	-0.0723	-1.35E-4	-7.48E-6	-1.70E-5
	CC9	0.0308	-0.0120	-0.0721	-1.38E-4	-7.64E-6	-1.59E-5
	CC10	-0.0311	0.0119	-0.1028	1.36E-4	7.57E-6	1.74E-5
	CC11	-0.0308	0.0116	-0.1026	1.33E-4	7.41E-6	1.85E-5
	CC12	-0.0313	-0.0202	-0.0852	-2.03E-4	-1.13E-5	2.63E-5
	CC13	-0.0310	-0.0204	-0.0850	-2.06E-4	-1.14E-5	2.73E-5
	CC14	0.0090	0.0550	-0.1152	5.80E-4	3.22E-5	-2.21E-5
	CC15	0.0099	0.0542	-0.1145	5.71E-4	3.17E-5	-1.89E-5
	CC16	-0.0096	0.0525	-0.1191	5.59E-4	3.11E-5	-9.08E-6
	CC17	-0.0087	0.0517	-0.1184	5.51E-4	3.06E-5	-5.92E-6
	CC18	0.0084	-0.0518	-0.0565	-5.52E-4	-3.06E-5	7.41E-6
	CC19	0.0093	-0.0526	-0.0558	-5.61E-4	-3.11E-5	1.06E-5
	CC20	-0.0101	-0.0543	-0.0604	-5.72E-4	-3.18E-5	2.04E-5
	CC21	-0.0092	-0.0551	-0.0597	-5.81E-4	-3.23E-5	2.35E-5
567	CC1	-0.0001	-0.0006	-0.0921	-1.14E-5	-6.33E-7	3.27E-6
	CC2	-0.0001	-0.0006	-0.0921	-1.14E-5	-6.33E-7	3.27E-6
	CC3	-0.0001	-0.0006	-0.0921	-1.14E-5	-6.33E-7	3.27E-6
	CC4	-0.0001	-0.0005	-0.0895	-1.05E-5	-5.81E-7	2.92E-6
	CC5	-0.0001	-0.0005	-0.0895	-1.05E-5	-5.81E-7	2.92E-6
	CC6	0.0495	0.0391	-0.0920	1.50E-4	8.34E-6	-3.06E-5
	CC7	0.0500	0.0386	-0.0917	1.47E-4	8.15E-6	-2.89E-5
	CC8	0.0511	-0.0246	-0.0718	-2.26E-4	-1.25E-5	-5.38E-5
	CC9	0.0516	-0.0251	-0.0716	-2.29E-4	-1.27E-5	-5.21E-5
	CC10	-0.0517	0.0241	-0.1056	2.09E-4	1.16E-5	5.77E-5
	CC11	-0.0513	0.0236	-0.1053	2.05E-4	1.14E-5	5.94E-5
	CC12	-0.0501	-0.0396	-0.0854	-1.67E-4	-9.28E-6	3.45E-5
	CC13	-0.0497	-0.0401	-0.0852	-1.71E-4	-9.46E-6	3.62E-5
	CC14	0.0117	0.1087	-0.1205	6.12E-4	3.40E-5	2.57E-5
	CC15	0.0131	0.1071	-0.1197	6.02E-4	3.34E-5	3.07E-5

	CC16	-0.0187	0.1042	-0.1245	6.30E-4	3.50E-5	5.22E-5
	CC17	-0.0173	0.1027	-0.1238	6.20E-4	3.44E-5	5.72E-5
	CC18	0.0171	-0.1036	-0.0534	-6.40E-4	-3.55E-5	-5.16E-5
	CC19	0.0185	-0.1052	-0.0526	-6.50E-4	-3.61E-5	-4.66E-5
	CC20	-0.0133	-0.1081	-0.0575	-6.23E-4	-3.46E-5	-2.51E-5
	CC21	-0.0118	-0.1097	-0.0567	-6.33E-4	-3.51E-5	-2.01E-5
568	CC1	0.0004	-0.0001	-0.1083	-1.13E-5	0.00E+0	-4.68E-7
	CC2	0.0004	-0.0001	-0.1083	-1.13E-5	0.00E+0	-4.68E-7
	CC3	0.0004	-0.0001	-0.1083	-1.13E-5	0.00E+0	-4.68E-7
	CC4	0.0004	-0.0001	-0.1057	-1.05E-5	0.00E+0	-4.75E-7
	CC5	0.0004	-0.0001	-0.1057	-1.05E-5	0.00E+0	-4.75E-7
	CC6	0.0484	0.0751	-0.1351	3.61E-4	1.74E-29	-7.50E-5
	CC7	0.0489	0.0725	-0.1345	3.48E-4	1.74E-29	-7.22E-5
	CC8	0.0509	-0.0003	-0.1096	-1.50E-5	6.66E-3	-4.68E-5
	CC9	0.0514	-0.0029	-0.1090	-2.76E-5	6.66E-3	-4.39E-5
	CC10	-0.0506	0.0026	-0.1006	7.07E-6	-6.66E-3	4.30E-5
	CC11	-0.0501	0.0001	-0.0999	-5.46E-6	-6.66E-3	4.59E-5
	CC12	-0.0481	-0.0727	-0.0751	-3.69E-4	-1.74E-29	7.12E-5
	CC13	-0.0476	-0.0753	-0.0744	-3.81E-4	-1.74E-29	7.41E-5
	CC14	0.0103	0.1403	-0.1534	6.88E-4	2.16E-29	-6.96E-5
	CC15	0.0118	0.1325	-0.1515	6.50E-4	2.16E-29	-6.08E-5
	CC16	-0.0194	0.1186	-0.1430	5.82E-4	1.44E-29	-3.42E-5
	CC17	-0.0179	0.1108	-0.1411	5.44E-4	1.44E-29	-2.54E-5
	CC18	0.0187	-0.1110	-0.0685	-5.65E-4	-1.44E-29	2.45E-5
	CC19	0.0202	-0.1188	-0.0665	-6.03E-4	-1.44E-29	3.32E-5
	CC20	-0.0110	-0.1328	-0.0581	-6.71E-4	-2.16E-29	5.99E-5
	CC21	-0.0095	-0.1405	-0.0561	-7.09E-4	-2.16E-29	6.86E-5
569	CC1	0.0001	0.0004	-0.1059	1.96E-7	0.00E+0	-3.22E-7
	CC2	0.0001	0.0004	-0.1059	1.96E-7	0.00E+0	-3.22E-7
	CC3	0.0001	0.0004	-0.1059	1.96E-7	0.00E+0	-3.22E-7
	CC4	0.0001	0.0003	-0.1033	4.44E-9	0.00E+0	-3.17E-7
	CC5	0.0001	0.0003	-0.1033	4.44E-9	0.00E+0	-3.17E-7
	CC6	0.0259	0.0416	-0.1297	4.07E-4	2.50E-29	-5.98E-5
	CC7	0.0262	0.0401	-0.1291	3.93E-4	2.50E-29	-5.76E-5
	CC8	0.0272	0.0002	-0.1053	4.62E-6	9.35E-3	-2.91E-5
	CC9	0.0274	-0.0012	-0.1047	-9.36E-6	9.35E-3	-2.68E-5
	CC10	-0.0273	0.0018	-0.1002	9.24E-6	-9.35E-3	2.62E-5
	CC11	-0.0270	0.0004	-0.0996	-4.74E-6	-9.35E-3	2.84E-5
	CC12	-0.0261	-0.0395	-0.0758	-3.93E-4	-2.50E-29	5.69E-5
	CC13	-0.0258	-0.0409	-0.0752	-4.07E-4	-2.50E-29	5.92E-5
	CC14	0.0056	0.0773	-0.1485	7.52E-4	3.13E-29	-6.79E-5
	CC15	0.0064	0.0730	-0.1465	7.09E-4	3.13E-29	-6.11E-5
	CC16	-0.0104	0.0654	-0.1396	6.32E-4	2.10E-29	-4.21E-5
	CC17	-0.0096	0.0611	-0.1377	5.90E-4	2.10E-29	-3.52E-5
	CC18	0.0097	-0.0605	-0.0672	-5.90E-4	-2.10E-29	3.46E-5
	CC19	0.0105	-0.0647	-0.0653	-6.32E-4	-2.10E-29	4.15E-5
	CC20	-0.0063	-0.0724	-0.0584	-7.09E-4	-3.13E-29	6.04E-5
	CC21	-0.0055	-0.0767	-0.0564	-7.52E-4	-3.13E-29	6.73E-5
570	CC1	-0.0002	0.0002	-0.1036	3.82E-6	0.00E+0	-2.85E-7
	CC2	-0.0002	0.0002	-0.1036	3.82E-6	0.00E+0	-2.85E-7
	CC3	-0.0002	0.0002	-0.1036	3.82E-6	0.00E+0	-2.85E-7
	CC4	-0.0002	0.0002	-0.1011	3.38E-6	0.00E+0	-2.61E-7
	CC5	-0.0002	0.0002	-0.1011	3.38E-6	0.00E+0	-2.61E-7
	CC6	0.0083	0.0117	-0.1280	2.72E-4	4.62E-29	-3.81E-5
	CC7	0.0084	0.0113	-0.1274	2.63E-4	4.62E-29	-3.67E-5
	CC8	0.0088	0.0000	-0.1048	2.99E-6	1.74E-29	-1.13E-5
	CC9	0.0089	-0.0004	-0.1042	-6.19E-6	1.74E-29	-9.86E-6
	CC10	-0.0093	0.0007	-0.0963	1.27E-5	-1.74E-29	9.36E-6
	CC11	-0.0092	0.0003	-0.0957	3.48E-6	-1.74E-29	1.07E-5
	CC12	-0.0089	-0.0110	-0.0731	-2.57E-4	-4.62E-29	3.62E-5
	CC13	-0.0088	-0.0114	-0.0725	-2.66E-4	-4.62E-29	3.76E-5
	CC14	0.0015	0.0220	-0.1446	5.05E-4	5.75E-29	-5.42E-5
	CC15	0.0018	0.0208	-0.1428	4.77E-4	5.75E-29	-5.00E-5
	CC16	-0.0038	0.0187	-0.1351	4.27E-4	3.84E-29	-4.00E-5
	CC17	-0.0035	0.0175	-0.1333	3.99E-4	3.84E-29	-3.58E-5
	CC18	0.0030	-0.0172	-0.0672	-3.93E-4	-3.84E-29	3.53E-5
	CC19	0.0033	-0.0184	-0.0654	-4.21E-4	-3.84E-29	3.95E-5
	CC20	-0.0022	-0.0205	-0.0577	-4.71E-4	-5.75E-29	4.95E-5
	CC21	-0.0020	-0.0217	-0.0559	-4.98E-4	-5.75E-29	5.37E-5
571	CC1	0.0003	0.0002	-0.1034	3.89E-6	0.00E+0	1.04E-7
	CC2	0.0003	0.0002	-0.1034	3.89E-6	0.00E+0	1.04E-7
	CC3	0.0003	0.0002	-0.1034	3.89E-6	0.00E+0	1.04E-7

	CC4	0.0003	0.0002	-0.1009	3.35E-6	0.00E+0	9.09E-8
	CC5	0.0003	0.0002	-0.1009	3.35E-6	0.00E+0	9.09E-8
	CC6	0.0100	0.0110	-0.1360	2.48E-4	1.31E-29	1.44E-5
	CC7	0.0101	0.0107	-0.1356	2.40E-4	1.31E-29	1.42E-5
	CC8	0.0101	-0.0003	-0.1126	-1.18E-5	4.96E-3	-8.22E-6
	CC9	0.0102	-0.0007	-0.1121	-2.00E-5	4.96E-3	-8.40E-6
	CC10	-0.0096	0.0010	-0.0880	2.63E-5	-4.96E-3	8.57E-6
	CC11	-0.0095	0.0006	-0.0875	1.81E-5	-4.96E-3	8.39E-6
	CC12	-0.0094	-0.0104	-0.0645	-2.34E-4	-1.31E-29	-1.40E-5
	CC13	-0.0094	-0.0107	-0.0640	-2.42E-4	-1.31E-29	-1.42E-5
	CC14	0.0029	0.0212	-0.1471	4.83E-4	1.63E-29	3.89E-5
	CC15	0.0031	0.0200	-0.1456	4.58E-4	1.63E-29	3.83E-5
	CC16	-0.0030	0.0181	-0.1327	4.16E-4	1.09E-29	3.71E-5
	CC17	-0.0027	0.0170	-0.1312	3.91E-4	1.09E-29	3.66E-5
	CC18	0.0033	-0.0167	-0.0688	-3.85E-4	-1.09E-29	-3.64E-5
	CC19	0.0036	-0.0178	-0.0674	-4.10E-4	-1.09E-29	-3.70E-5
	CC20	-0.0025	-0.0197	-0.0544	-4.51E-4	-1.63E-29	-3.82E-5
	CC21	-0.0022	-0.0208	-0.0529	-4.76E-4	-1.63E-29	-3.87E-5
572	CC1	0.0003	0.0004	-0.1057	-2.41E-7	0.00E+0	-1.92E-7
	CC2	0.0003	0.0004	-0.1057	-2.41E-7	0.00E+0	-1.92E-7
	CC3	0.0003	0.0004	-0.1057	-2.41E-7	0.00E+0	-1.92E-7
	CC4	0.0003	0.0003	-0.1031	-4.56E-7	0.00E+0	-1.57E-7
	CC5	0.0003	0.0003	-0.1031	-4.56E-7	0.00E+0	-1.57E-7
	CC6	0.0283	0.0380	-0.1411	3.61E-4	4.07E-29	-1.31E-5
	CC7	0.0286	0.0368	-0.1406	3.49E-4	4.07E-29	-1.23E-5
	CC8	0.0294	-0.0021	-0.1163	-3.31E-5	1.55E-29	-3.25E-5
	CC9	0.0296	-0.0034	-0.1158	-4.51E-5	1.55E-29	-3.17E-5
	CC10	-0.0291	0.0040	-0.0887	4.41E-5	-1.55E-29	3.14E-5
	CC11	-0.0288	0.0027	-0.0882	3.21E-5	-1.55E-29	3.22E-5
	CC12	-0.0281	-0.0362	-0.0639	-3.50E-4	-4.07E-29	1.20E-5
	CC13	-0.0278	-0.0375	-0.0634	-3.62E-4	-4.07E-29	1.28E-5
	CC14	0.0067	0.0743	-0.1521	7.21E-4	5.05E-29	2.43E-5
	CC15	0.0076	0.0704	-0.1506	6.85E-4	5.05E-29	2.67E-5
	CC16	-0.0105	0.0641	-0.1364	6.26E-4	3.36E-29	3.77E-5
	CC17	-0.0096	0.0602	-0.1349	5.90E-4	3.36E-29	4.00E-5
	CC18	0.0102	-0.0596	-0.0696	-5.91E-4	-3.36E-29	-4.03E-5
	CC19	0.0110	-0.0635	-0.0681	-6.27E-4	-3.36E-29	-3.80E-5
	CC20	-0.0071	-0.0699	-0.0539	-6.86E-4	-5.05E-29	-2.69E-5
	CC21	-0.0062	-0.0737	-0.0523	-7.22E-4	-5.05E-29	-2.46E-5
573	CC1	0.0004	-0.0002	-0.1081	-1.24E-5	0.00E+0	-5.83E-7
	CC2	0.0004	-0.0002	-0.1081	-1.24E-5	0.00E+0	-5.83E-7
	CC3	0.0004	-0.0002	-0.1081	-1.24E-5	0.00E+0	-5.83E-7
	CC4	0.0004	-0.0002	-0.1055	-1.14E-5	0.00E+0	-5.09E-7
	CC5	0.0004	-0.0002	-0.1055	-1.14E-5	0.00E+0	-5.09E-7
	CC6	0.0504	0.0689	-0.1413	3.41E-4	3.46E-29	-3.85E-5
	CC7	0.0509	0.0666	-0.1407	3.30E-4	3.46E-29	-3.66E-5
	CC8	0.0527	-0.0052	-0.1151	-3.97E-5	1.33E-29	-5.08E-5
	CC9	0.0532	-0.0075	-0.1145	-5.13E-5	1.33E-29	-4.89E-5
	CC10	-0.0525	0.0072	-0.0946	2.92E-5	-1.33E-29	4.80E-5
	CC11	-0.0520	0.0048	-0.0940	1.76E-5	-1.33E-29	4.98E-5
	CC12	-0.0502	-0.0670	-0.0684	-3.52E-4	-3.46E-29	3.57E-5
	CC13	-0.0497	-0.0693	-0.0679	-3.63E-4	-3.46E-29	3.75E-5
	CC14	0.0112	0.1361	-0.1561	6.88E-4	4.27E-29	4.27E-6
	CC15	0.0127	0.1291	-0.1544	6.53E-4	4.27E-29	9.90E-6
	CC16	-0.0197	0.1176	-0.1421	5.95E-4	2.83E-29	3.02E-5
	CC17	-0.0182	0.1106	-0.1404	5.59E-4	2.83E-29	3.58E-5
	CC18	0.0189	-0.1110	-0.0688	-5.82E-4	-2.83E-29	-3.68E-5
	CC19	0.0205	-0.1180	-0.0671	-6.17E-4	-2.83E-29	-3.12E-5
	CC20	-0.0120	-0.1295	-0.0548	-6.75E-4	-4.27E-29	-1.09E-5
	CC21	-0.0104	-0.1365	-0.0531	-7.10E-4	-4.27E-29	-5.23E-6
574	CC1	0.0000	0.0002	-0.1036	4.23E-6	0.00E+0	-2.91E-7
	CC2	0.0000	0.0002	-0.1036	4.23E-6	0.00E+0	-2.91E-7
	CC3	0.0000	0.0002	-0.1036	4.23E-6	0.00E+0	-2.91E-7
	CC4	0.0000	0.0002	-0.1011	3.76E-6	0.00E+0	-2.72E-7
	CC5	0.0000	0.0002	-0.1011	3.76E-6	0.00E+0	-2.72E-7
	CC6	0.0084	0.0135	-0.1353	3.01E-4	2.46E-29	-1.91E-5
	CC7	0.0085	0.0130	-0.1348	2.91E-4	2.46E-29	-1.83E-5
	CC8	0.0087	0.0007	-0.1125	1.55E-5	9.30E-3	-1.06E-5
	CC9	0.0088	0.0002	-0.1120	5.23E-6	9.30E-3	-9.90E-6
	CC10	-0.0087	0.0001	-0.0886	1.98E-6	-9.30E-3	9.37E-6
	CC11	-0.0086	-0.0003	-0.0881	-8.28E-6	-9.30E-3	1.01E-5
	CC12	-0.0084	-0.0127	-0.0658	-2.83E-4	-2.46E-29	1.78E-5

	CC13	-0.0083	-0.0131	-0.0653	-2.94E-4	-2.46E-29	1.85E-5
	CC14	0.0019	0.0242	-0.1461	5.39E-4	3.05E-29	-1.97E-5
	CC15	0.0022	0.0228	-0.1445	5.08E-4	3.05E-29	-1.75E-5
	CC16	-0.0032	0.0202	-0.1321	4.50E-4	2.03E-29	-1.12E-5
	CC17	-0.0029	0.0188	-0.1305	4.19E-4	2.03E-29	-8.95E-6
	CC18	0.0030	-0.0185	-0.0701	-4.12E-4	-2.03E-29	8.42E-6
	CC19	0.0033	-0.0199	-0.0685	-4.43E-4	-2.03E-29	1.06E-5
	CC20	-0.0021	-0.0225	-0.0561	-5.01E-4	-3.05E-29	1.69E-5
	CC21	-0.0018	-0.0239	-0.0545	-5.32E-4	-3.05E-29	1.92E-5
575	CC1	0.0003	0.0004	-0.1060	5.47E-7	0.00E+0	-8.84E-7
	CC2	0.0003	0.0004	-0.1060	5.47E-7	0.00E+0	-8.84E-7
	CC3	0.0003	0.0004	-0.1060	5.47E-7	0.00E+0	-8.84E-7
	CC4	0.0003	0.0004	-0.1035	3.40E-7	0.00E+0	-8.31E-7
	CC5	0.0003	0.0004	-0.1035	3.40E-7	0.00E+0	-8.31E-7
	CC6	0.0265	0.0452	-0.1413	4.24E-4	5.33E-29	-5.25E-5
	CC7	0.0267	0.0436	-0.1408	4.10E-4	5.33E-29	-5.05E-5
	CC8	0.0276	0.0021	-0.1176	1.62E-5	2.00E-29	-3.00E-5
	CC9	0.0279	0.0006	-0.1171	1.60E-6	2.00E-29	-2.80E-5
	CC10	-0.0272	0.0001	-0.0881	-1.06E-6	-2.00E-29	2.64E-5
	CC11	-0.0270	-0.0014	-0.0876	-1.57E-5	-2.00E-29	2.84E-5
	CC12	-0.0261	-0.0429	-0.0645	-4.09E-4	-5.33E-29	4.88E-5
	CC13	-0.0258	-0.0445	-0.0640	-4.24E-4	-5.33E-29	5.08E-5
	CC14	0.0061	0.0813	-0.1508	7.66E-4	6.65E-29	-5.31E-5
	CC15	0.0069	0.0766	-0.1492	7.22E-4	6.65E-29	-4.70E-5
	CC16	-0.0100	0.0677	-0.1348	6.39E-4	4.46E-29	-2.94E-5
	CC17	-0.0092	0.0630	-0.1333	5.94E-4	4.46E-29	-2.33E-5
	CC18	0.0098	-0.0624	-0.0720	-5.94E-4	-4.46E-29	2.17E-5
	CC19	0.0106	-0.0671	-0.0704	-6.38E-4	-4.46E-29	2.78E-5
	CC20	-0.0063	-0.0759	-0.0560	-7.21E-4	-6.65E-29	4.54E-5
	CC21	-0.0055	-0.0806	-0.0545	-7.66E-4	-6.65E-29	5.14E-5
576	CC1	0.0007	0.0000	-0.1084	-1.06E-5	0.00E+0	-1.86E-6
	CC2	0.0007	0.0000	-0.1084	-1.06E-5	0.00E+0	-1.86E-6
	CC3	0.0007	0.0000	-0.1084	-1.06E-5	0.00E+0	-1.86E-6
	CC4	0.0007	0.0000	-0.1058	-9.87E-6	0.00E+0	-1.75E-6
	CC5	0.0007	0.0000	-0.1058	-9.87E-6	0.00E+0	-1.75E-6
	CC6	0.0492	0.0803	-0.1486	3.79E-4	6.95E-29	-8.64E-5
	CC7	0.0497	0.0775	-0.1481	3.65E-4	6.95E-29	-8.31E-5
	CC8	0.0516	0.0027	-0.1242	-3.15E-6	2.67E-29	-4.98E-5
	CC9	0.0521	-0.0001	-0.1237	-1.64E-5	2.67E-29	-4.65E-5
	CC10	-0.0508	0.0000	-0.0862	-2.84E-6	-2.67E-29	4.31E-5
	CC11	-0.0503	-0.0028	-0.0857	-1.61E-5	-2.67E-29	4.64E-5
	CC12	-0.0484	-0.0776	-0.0617	-3.85E-4	-6.95E-29	7.97E-5
	CC13	-0.0479	-0.0804	-0.0612	-3.98E-4	-6.95E-29	8.30E-5
	CC14	0.0109	0.1455	-0.1558	7.04E-4	8.57E-29	-8.71E-5
	CC15	0.0125	0.1371	-0.1543	6.64E-4	8.57E-29	-7.71E-5
	CC16	-0.0191	0.1214	-0.1371	5.90E-4	5.68E-29	-4.82E-5
	CC17	-0.0176	0.1130	-0.1356	5.50E-4	5.68E-29	-3.83E-5
	CC18	0.0189	-0.1131	-0.0743	-5.69E-4	-5.68E-29	3.49E-5
	CC19	0.0204	-0.1215	-0.0728	-6.09E-4	-5.68E-29	4.48E-5
	CC20	-0.0111	-0.1372	-0.0555	-6.83E-4	-8.57E-29	7.37E-5
	CC21	-0.0096	-0.1456	-0.0540	-7.23E-4	-8.57E-29	8.36E-5
577	CC1	0.0001	0.0002	-0.1033	4.11E-6	0.00E+0	1.56E-7
	CC2	0.0001	0.0002	-0.1033	4.11E-6	0.00E+0	1.56E-7
	CC3	0.0001	0.0002	-0.1033	4.11E-6	0.00E+0	1.56E-7
	CC4	0.0001	0.0002	-0.1008	3.55E-6	0.00E+0	1.49E-7
	CC5	0.0001	0.0002	-0.1008	3.55E-6	0.00E+0	1.49E-7
	CC6	0.0092	0.0111	-0.1281	2.47E-4	1.82E-29	-5.81E-6
	CC7	0.0093	0.0108	-0.1276	2.39E-4	1.82E-29	-5.50E-6
	CC8	0.0095	-0.0010	-0.1043	-2.36E-5	6.96E-3	-1.15E-5
	CC9	0.0096	-0.0014	-0.1037	-3.16E-5	6.96E-3	-1.12E-5
	CC10	-0.0095	0.0017	-0.0962	3.84E-5	-6.96E-3	1.15E-5
	CC11	-0.0094	0.0013	-0.0956	3.03E-5	-6.96E-3	1.18E-5
	CC12	-0.0092	-0.0104	-0.0723	-2.32E-4	-1.82E-29	5.79E-6
	CC13	-0.0091	-0.0108	-0.0718	-2.40E-4	-1.82E-29	6.10E-6
	CC14	0.0023	0.0223	-0.1453	4.98E-4	2.25E-29	6.53E-6
	CC15	0.0025	0.0213	-0.1436	4.73E-4	2.25E-29	7.48E-6
	CC16	-0.0034	0.0195	-0.1357	4.35E-4	1.50E-29	1.17E-5
	CC17	-0.0031	0.0184	-0.1340	4.11E-4	1.50E-29	1.27E-5
	CC18	0.0032	-0.0181	-0.0659	-4.04E-4	-1.50E-29	-1.24E-5
	CC19	0.0035	-0.0192	-0.0642	-4.28E-4	-1.50E-29	-1.14E-5
	CC20	-0.0024	-0.0209	-0.0563	-4.67E-4	-2.25E-29	-7.19E-6
	CC21	-0.0021	-0.0220	-0.0546	-4.91E-4	-2.25E-29	-6.24E-6

578	CC1	0.0000	0.0004	-0.1056	-8.63E-8	0.00E+0	4.50E-7
	CC2	0.0000	0.0004	-0.1056	-8.63E-8	0.00E+0	4.50E-7
	CC3	0.0000	0.0004	-0.1056	-8.63E-8	0.00E+0	4.50E-7
	CC4	0.0000	0.0003	-0.1030	-3.02E-7	0.00E+0	4.28E-7
	CC5	0.0000	0.0003	-0.1030	-3.02E-7	0.00E+0	4.28E-7
	CC6	0.0282	0.0371	-0.1294	3.50E-4	3.07E-29	-1.90E-5
	CC7	0.0285	0.0359	-0.1288	3.39E-4	3.07E-29	-1.81E-5
	CC8	0.0294	-0.0040	-0.1040	-4.39E-5	1.14E-29	-3.12E-5
	CC9	0.0297	-0.0052	-0.1034	-5.54E-5	1.14E-29	-3.02E-5
	CC10	-0.0296	0.0058	-0.1010	5.47E-5	-1.14E-29	3.11E-5
	CC11	-0.0293	0.0046	-0.1004	4.32E-5	-1.14E-29	3.21E-5
	CC12	-0.0284	-0.0353	-0.0755	-3.39E-4	-3.07E-29	1.89E-5
	CC13	-0.0281	-0.0365	-0.0749	-3.51E-4	-3.07E-29	1.99E-5
	CC14	0.0063	0.0754	-0.1498	7.18E-4	3.85E-29	1.17E-5
	CC15	0.0072	0.0717	-0.1479	6.83E-4	3.85E-29	1.47E-5
	CC16	-0.0111	0.0660	-0.1413	6.30E-4	2.59E-29	2.67E-5
	CC17	-0.0102	0.0623	-0.1394	5.95E-4	2.59E-29	2.97E-5
	CC18	0.0103	-0.0617	-0.0650	-5.95E-4	-2.59E-29	-2.89E-5
	CC19	0.0111	-0.0654	-0.0631	-6.30E-4	-2.59E-29	-2.59E-5
	CC20	-0.0071	-0.0711	-0.0564	-6.84E-4	-3.85E-29	-1.38E-5
	CC21	-0.0062	-0.0748	-0.0545	-7.19E-4	-3.85E-29	-1.09E-5
579	CC1	0.0001	-0.0001	-0.1079	-1.21E-5	0.00E+0	9.89E-7
	CC2	0.0001	-0.0001	-0.1079	-1.21E-5	0.00E+0	9.89E-7
	CC3	0.0001	-0.0001	-0.1079	-1.21E-5	0.00E+0	9.89E-7
	CC4	0.0001	-0.0002	-0.1053	-1.12E-5	0.00E+0	9.20E-7
	CC5	0.0001	-0.0002	-0.1053	-1.12E-5	0.00E+0	9.20E-7
	CC6	0.0507	0.0668	-0.1297	3.33E-4	7.21E-29	-3.25E-5
	CC7	0.0512	0.0646	-0.1290	3.22E-4	7.21E-29	-3.08E-5
	CC8	0.0532	-0.0082	-0.1025	-5.01E-5	2.76E-29	-5.01E-5
	CC9	0.0537	-0.0104	-0.1018	-6.13E-5	2.76E-29	-4.85E-5
	CC10	-0.0535	0.0101	-0.1069	3.96E-5	-2.76E-29	5.03E-5
	CC11	-0.0530	0.0079	-0.1062	2.84E-5	-2.76E-29	5.19E-5
	CC12	-0.0510	-0.0650	-0.0798	-3.43E-4	-7.21E-29	3.26E-5
	CC13	-0.0505	-0.0672	-0.0791	-3.54E-4	-7.21E-29	3.43E-5
	CC14	0.0108	0.1368	-0.1541	6.88E-4	8.92E-29	1.54E-5
	CC15	0.0124	0.1301	-0.1520	6.54E-4	8.92E-29	2.05E-5
	CC16	-0.0205	0.1197	-0.1473	6.00E-4	5.93E-29	4.03E-5
	CC17	-0.0189	0.1131	-0.1451	5.66E-4	5.93E-29	4.53E-5
	CC18	0.0191	-0.1134	-0.0636	-5.88E-4	-5.93E-29	-4.35E-5
	CC19	0.0207	-0.1201	-0.0615	-6.22E-4	-5.93E-29	-3.85E-5
	CC20	-0.0121	-0.1304	-0.0568	-6.76E-4	-8.92E-29	-1.87E-5
	CC21	-0.0106	-0.1371	-0.0547	-7.10E-4	-8.92E-29	-1.36E-5
580	CC1	0.0005	-0.0001	-0.1035	0.00E+0	-1.22E-5	1.86E-7
	CC2	0.0005	-0.0001	-0.1035	0.00E+0	-1.22E-5	1.86E-7
	CC3	0.0005	-0.0001	-0.1035	0.00E+0	-1.22E-5	1.86E-7
	CC4	0.0005	-0.0001	-0.1012	0.00E+0	-1.18E-5	2.53E-7
	CC5	0.0005	-0.0001	-0.1012	0.00E+0	-1.18E-5	2.53E-7
	CC6	0.0100	0.0211	-0.1236	2.95E-29	-2.25E-4	1.79E-5
	CC7	0.0100	0.0203	-0.1235	2.95E-29	-2.24E-4	1.79E-5
	CC8	0.0099	0.0049	-0.1203	1.12E-29	-2.22E-4	1.58E-5
	CC9	0.0099	0.0041	-0.1202	1.12E-29	-2.21E-4	1.58E-5
	CC10	-0.0088	-0.0043	-0.0807	-1.12E-29	1.98E-4	-1.52E-5
	CC11	-0.0089	-0.0051	-0.0806	-1.12E-29	1.99E-4	-1.52E-5
	CC12	-0.0089	-0.0205	-0.0774	-2.95E-29	2.01E-4	-1.73E-5
	CC13	-0.0090	-0.0212	-0.0773	-2.95E-29	2.02E-4	-1.73E-5
	CC14	0.0036	0.0319	-0.1125	3.66E-29	-8.19E-5	8.76E-6
	CC15	0.0034	0.0295	-0.1123	3.66E-29	-7.77E-5	8.71E-6
	CC16	-0.0020	0.0243	-0.0996	2.44E-29	4.50E-5	-1.16E-6
	CC17	-0.0022	0.0219	-0.0994	2.44E-29	4.92E-5	-1.21E-6
	CC18	0.0033	-0.0221	-0.1014	-2.44E-29	-7.24E-5	1.76E-6
	CC19	0.0031	-0.0244	-0.1013	-2.44E-29	-6.82E-5	1.72E-6
	CC20	-0.0024	-0.0297	-0.0886	-3.66E-29	5.45E-5	-8.16E-6
	CC21	-0.0026	-0.0320	-0.0884	-3.66E-29	5.87E-5	-8.21E-6
581	CC1	0.0006	-0.0002	-0.1038	0.00E+0	-1.37E-5	-1.73E-6
	CC2	0.0006	-0.0002	-0.1038	0.00E+0	-1.37E-5	-1.73E-6
	CC3	0.0006	-0.0002	-0.1038	0.00E+0	-1.37E-5	-1.73E-6
	CC4	0.0006	-0.0002	-0.1015	0.00E+0	-1.30E-5	-1.61E-6
	CC5	0.0006	-0.0002	-0.1015	0.00E+0	-1.30E-5	-1.61E-6
	CC6	0.0097	0.0210	-0.1156	4.39E-29	-2.21E-4	-1.16E-5
	CC7	0.0096	0.0202	-0.1159	4.39E-29	-2.19E-4	-1.15E-5
	CC8	0.0100	0.0048	-0.1247	1.68E-29	-2.26E-4	-1.61E-5
	CC9	0.0099	0.0040	-0.1251	1.68E-29	-2.25E-4	-1.60E-5

	CC10	-0.0088	-0.0044	-0.0763	-1.68E-29	1.99E-4	1.29E-5
	CC11	-0.0088	-0.0052	-0.0767	-1.68E-29	2.01E-4	1.29E-5
	CC12	-0.0085	-0.0206	-0.0854	-4.39E-29	1.93E-4	8.34E-6
	CC13	-0.0085	-0.0214	-0.0858	-4.39E-29	1.95E-4	8.42E-6
	CC14	0.0029	0.0318	-0.0908	5.44E-29	-6.88E-5	2.18E-6
	CC15	0.0027	0.0294	-0.0920	5.44E-29	-6.35E-5	2.43E-6
	CC16	-0.0026	0.0242	-0.0790	3.62E-29	5.71E-5	9.51E-6
	CC17	-0.0028	0.0218	-0.0802	3.62E-29	6.23E-5	9.76E-6
	CC18	0.0040	-0.0222	-0.1211	-3.62E-29	-8.80E-5	-1.29E-5
	CC19	0.0038	-0.0246	-0.1223	-3.62E-29	-8.27E-5	-1.26E-5
	CC20	-0.0016	-0.0298	-0.1094	-5.44E-29	3.79E-5	-5.57E-6
	CC21	-0.0018	-0.0322	-0.1106	-5.44E-29	4.31E-5	-5.32E-6
582	CC1	0.0025	-0.0011	-0.1071	0.00E+0	-6.47E-6	-2.18E-6
	CC2	0.0025	-0.0011	-0.1071	0.00E+0	-6.47E-6	-2.18E-6
	CC3	0.0025	-0.0011	-0.1071	0.00E+0	-6.47E-6	-2.18E-6
	CC4	0.0024	-0.0010	-0.1046	0.00E+0	-6.39E-6	-1.88E-6
	CC5	0.0024	-0.0010	-0.1046	0.00E+0	-6.39E-6	-1.88E-6
	CC6	0.0583	0.0958	-0.1295	3.19E-29	-2.94E-4	-4.93E-5
	CC7	0.0580	0.0922	-0.1292	3.19E-29	-2.92E-4	-4.73E-5
	CC8	0.0594	0.0214	-0.1216	1.19E-29	-2.98E-4	-4.21E-5
	CC9	0.0590	0.0179	-0.1214	1.19E-29	-2.96E-4	-4.01E-5
	CC10	-0.0542	-0.0199	-0.0863	-1.19E-29	2.84E-4	3.66E-5
	CC11	-0.0545	-0.0234	-0.0861	-1.19E-29	2.86E-4	3.85E-5
	CC12	-0.0531	-0.0942	-0.0785	-3.19E-29	2.80E-4	4.38E-5
	CC13	-0.0535	-0.0977	-0.0782	-3.19E-29	2.82E-4	4.57E-5
	CC14	0.0181	0.1456	-0.1238	3.99E-29	-8.95E-5	-2.96E-5
	CC15	0.0170	0.1349	-0.1230	3.99E-29	-8.33E-5	-2.37E-5
	CC16	-0.0156	0.1109	-0.1108	2.68E-29	8.40E-5	-3.89E-6
	CC17	-0.0167	0.1002	-0.1101	2.68E-29	9.01E-5	2.08E-6
	CC18	0.0216	-0.1021	-0.0976	-2.68E-29	-1.03E-4	-5.63E-6
	CC19	0.0205	-0.1128	-0.0968	-2.68E-29	-9.67E-5	3.42E-7
	CC20	-0.0122	-0.1368	-0.0847	-3.99E-29	7.05E-5	2.01E-5
	CC21	-0.0133	-0.1475	-0.0839	-3.99E-29	7.67E-5	2.61E-5
583	CC1	0.0017	-0.0005	-0.1054	0.00E+0	-1.33E-5	-1.38E-6
	CC2	0.0017	-0.0005	-0.1054	0.00E+0	-1.33E-5	-1.38E-6
	CC3	0.0017	-0.0005	-0.1054	0.00E+0	-1.33E-5	-1.38E-6
	CC4	0.0016	-0.0004	-0.1030	0.00E+0	-1.28E-5	-1.12E-6
	CC5	0.0016	-0.0004	-0.1030	0.00E+0	-1.28E-5	-1.12E-6
	CC6	0.0326	0.0546	-0.1266	1.13E-29	-2.96E-4	1.79E-5
	CC7	0.0324	0.0526	-0.1264	1.13E-29	-2.95E-4	1.86E-5
	CC8	0.0332	0.0125	-0.1209	4.26E-3	-3.04E-4	1.85E-5
	CC9	0.0330	0.0104	-0.1207	4.26E-3	-3.02E-4	1.93E-5
	CC10	-0.0298	-0.0113	-0.0837	-4.26E-3	2.77E-4	-2.13E-5
	CC11	-0.0300	-0.0133	-0.0835	-4.26E-3	2.78E-4	-2.06E-5
	CC12	-0.0293	-0.0534	-0.0780	-1.13E-29	2.69E-4	-2.07E-5
	CC13	-0.0295	-0.0554	-0.0778	-1.13E-29	2.71E-4	-1.99E-5
	CC14	0.0104	0.0828	-0.1184	1.40E-29	-8.90E-5	2.62E-6
	CC15	0.0098	0.0767	-0.1179	1.40E-29	-8.37E-5	4.87E-6
	CC16	-0.0083	0.0630	-0.1055	9.37E-3	8.29E-5	-9.15E-6
	CC17	-0.0090	0.0569	-0.1050	9.37E-3	8.81E-5	-6.89E-6
	CC18	0.0121	-0.0577	-0.0994	-9.37E-3	-1.13E-4	4.82E-6
	CC19	0.0115	-0.0638	-0.0989	-9.37E-3	-1.08E-4	7.07E-6
	CC20	-0.0066	-0.0775	-0.0865	-1.40E-29	5.86E-5	-6.95E-6
	CC21	-0.0072	-0.0836	-0.0860	-1.40E-29	6.38E-5	-4.69E-6
584	CC1	0.0019	-0.0006	-0.1058	0.00E+0	-1.45E-5	-2.47E-6
	CC2	0.0019	-0.0006	-0.1058	0.00E+0	-1.45E-5	-2.47E-6
	CC3	0.0019	-0.0006	-0.1058	0.00E+0	-1.45E-5	-2.47E-6
	CC4	0.0018	-0.0005	-0.1034	0.00E+0	-1.39E-5	-2.26E-6
	CC5	0.0018	-0.0005	-0.1034	0.00E+0	-1.39E-5	-2.26E-6
	CC6	0.0329	0.0545	-0.1150	5.28E-29	-3.12E-4	-2.28E-5
	CC7	0.0326	0.0525	-0.1156	5.28E-29	-3.09E-4	-2.19E-5
	CC8	0.0334	0.0124	-0.1274	1.99E-29	-3.07E-4	-2.39E-5
	CC9	0.0332	0.0104	-0.1279	1.99E-29	-3.04E-4	-2.30E-5
	CC10	-0.0297	-0.0114	-0.0773	-1.99E-29	2.77E-4	1.86E-5
	CC11	-0.0300	-0.0134	-0.0779	-1.99E-29	2.80E-4	1.95E-5
	CC12	-0.0291	-0.0535	-0.0897	-5.28E-29	2.82E-4	1.75E-5
	CC13	-0.0294	-0.0555	-0.0902	-5.28E-29	2.85E-4	1.84E-5
	CC14	0.0107	0.0826	-0.0869	6.56E-29	-1.15E-4	-7.97E-6
	CC15	0.0098	0.0765	-0.0885	6.56E-29	-1.05E-4	-5.23E-6
	CC16	-0.0081	0.0628	-0.0756	4.38E-29	6.22E-5	4.46E-6
	CC17	-0.0090	0.0567	-0.0772	4.38E-29	7.14E-5	7.20E-6
	CC18	0.0124	-0.0578	-0.1280	-4.38E-29	-9.87E-5	-1.16E-5

	CC19	0.0116	-0.0639	-0.1297	-4.38E-29	-8.95E-5	-8.84E-6
	CC20	-0.0063	-0.0775	-0.1167	-6.56E-29	7.80E-5	8.37E-7
	CC21	-0.0072	-0.0836	-0.1184	-6.56E-29	8.72E-5	3.59E-6
585	CC1	0.0028	-0.0011	-0.1077	0.00E+0	-5.75E-6	-2.29E-6
	CC2	0.0028	-0.0011	-0.1077	0.00E+0	-5.75E-6	-2.29E-6
	CC3	0.0028	-0.0011	-0.1077	0.00E+0	-5.75E-6	-2.29E-6
	CC4	0.0026	-0.0010	-0.1052	0.00E+0	-5.73E-6	-2.03E-6
	CC5	0.0026	-0.0010	-0.1052	0.00E+0	-5.73E-6	-2.03E-6
	CC6	0.0605	0.0957	-0.1162	2.63E-29	-3.12E-4	-5.15E-5
	CC7	0.0599	0.0921	-0.1169	2.63E-29	-3.09E-4	-4.94E-5
	CC8	0.0599	0.0214	-0.1316	9.81E-3	-3.08E-4	-4.48E-5
	CC9	0.0594	0.0179	-0.1323	9.81E-3	-3.04E-4	-4.27E-5
	CC10	-0.0542	-0.0199	-0.0765	-9.81E-3	2.93E-4	3.88E-5
	CC11	-0.0547	-0.0234	-0.0772	-9.81E-3	2.96E-4	4.09E-5
	CC12	-0.0547	-0.0941	-0.0919	-2.63E-29	2.98E-4	4.55E-5
	CC13	-0.0553	-0.0977	-0.0926	-2.63E-29	3.01E-4	4.76E-5
	CC14	0.0215	0.1454	-0.0837	3.28E-29	-1.10E-4	-2.99E-5
	CC15	0.0198	0.1347	-0.0858	3.28E-29	-9.97E-5	-2.35E-5
	CC16	-0.0128	0.1108	-0.0718	2.20E-29	7.16E-5	-2.76E-6
	CC17	-0.0145	0.1001	-0.0739	2.20E-29	8.19E-5	3.58E-6
	CC18	0.0197	-0.1021	-0.1349	-2.20E-29	-9.33E-5	-7.48E-6
	CC19	0.0181	-0.1127	-0.1370	-2.20E-29	-8.31E-5	-1.14E-6
	CC20	-0.0146	-0.1367	-0.1230	-3.28E-29	8.82E-5	1.96E-5
	CC21	-0.0163	-0.1474	-0.1251	-3.28E-29	9.85E-5	2.60E-5
586	CC1	0.0013	-0.0004	-0.1053	-4.33E-6	4.95E-7	5.19E-7
	CC2	0.0013	-0.0004	-0.1053	-4.33E-6	4.95E-7	5.19E-7
	CC3	0.0013	-0.0004	-0.1053	-4.33E-6	4.95E-7	5.19E-7
	CC4	0.0013	-0.0004	-0.1029	-3.97E-6	4.54E-7	3.31E-7
	CC5	0.0013	-0.0004	-0.1029	-3.97E-6	4.54E-7	3.31E-7
	CC6	0.0140	0.0281	-0.1188	3.85E-4	-4.40E-5	-1.86E-4
	CC7	0.0139	0.0270	-0.1199	3.70E-4	-4.23E-5	-1.79E-4
	CC8	0.0161	0.0085	-0.1465	1.04E-4	-1.19E-5	-8.28E-5
	CC9	0.0160	0.0074	-0.1476	8.94E-5	-1.02E-5	-7.55E-5
	CC10	-0.0135	-0.0082	-0.0565	-9.71E-5	1.11E-5	7.60E-5
	CC11	-0.0136	-0.0093	-0.0576	-1.11E-4	1.27E-5	8.33E-5
	CC12	-0.0114	-0.0278	-0.0842	-3.78E-4	4.32E-5	1.80E-4
	CC13	-0.0115	-0.0289	-0.0853	-3.92E-4	4.48E-5	1.87E-4
	CC14	0.0020	0.0394	-0.0636	5.58E-4	-6.38E-5	-2.23E-4
	CC15	0.0017	0.0361	-0.0669	5.15E-4	-5.89E-5	-2.01E-4
	CC16	-0.0062	0.0285	-0.0449	4.14E-4	-4.73E-5	-1.44E-4
	CC17	-0.0065	0.0252	-0.0482	3.70E-4	-4.23E-5	-1.22E-4
	CC18	0.0090	-0.0260	-0.1559	-3.78E-4	4.32E-5	1.22E-4
	CC19	0.0087	-0.0292	-0.1592	-4.21E-4	4.82E-5	1.45E-4
	CC20	0.0008	-0.0369	-0.1372	-5.23E-4	5.97E-5	2.01E-4
	CC21	0.0005	-0.0401	-0.1405	-5.66E-4	6.47E-5	2.23E-4
587	CC1	0.0023	-0.0009	-0.1072	-3.60E-6	4.12E-7	1.36E-6
	CC2	0.0023	-0.0009	-0.1072	-3.60E-6	4.12E-7	1.36E-6
	CC3	0.0023	-0.0009	-0.1072	-3.60E-6	4.12E-7	1.36E-6
	CC4	0.0022	-0.0008	-0.1047	-3.18E-6	3.63E-7	1.07E-6
	CC5	0.0022	-0.0008	-0.1047	-3.18E-6	3.63E-7	1.07E-6
	CC6	0.0355	0.0645	-0.1203	4.53E-4	-5.18E-5	-1.45E-4
	CC7	0.0351	0.0621	-0.1218	4.37E-4	-4.99E-5	-1.39E-4
	CC8	0.0372	0.0176	-0.1571	1.19E-4	-1.36E-5	-7.53E-5
	CC9	0.0368	0.0152	-0.1585	1.02E-4	-1.17E-5	-6.95E-5
	CC10	-0.0324	-0.0167	-0.0493	-1.08E-4	1.24E-5	7.15E-5
	CC11	-0.0328	-0.0192	-0.0507	-1.25E-4	1.43E-5	7.72E-5
	CC12	-0.0307	-0.0637	-0.0861	-4.43E-4	5.06E-5	1.41E-4
	CC13	-0.0311	-0.0661	-0.0875	-4.59E-4	5.25E-5	1.47E-4
	CC14	0.0102	0.0933	-0.0511	6.64E-4	-7.59E-5	-1.56E-4
	CC15	0.0090	0.0859	-0.0555	6.14E-4	-7.01E-5	-1.39E-4
	CC16	-0.0102	0.0689	-0.0298	4.96E-4	-5.67E-5	-9.13E-5
	CC17	-0.0113	0.0616	-0.0342	4.45E-4	-5.09E-5	-7.38E-5
	CC18	0.0157	-0.0631	-0.1736	-4.51E-4	5.16E-5	7.58E-5
	CC19	0.0146	-0.0705	-0.1780	-5.02E-4	5.74E-5	9.33E-5
	CC20	-0.0046	-0.0875	-0.1523	-6.20E-4	7.08E-5	1.41E-4
	CC21	-0.0058	-0.0949	-0.1567	-6.70E-4	7.66E-5	1.58E-4
588	CC1	0.0029	-0.0014	-0.1089	-7.44E-6	8.50E-7	4.88E-6
	CC2	0.0029	-0.0014	-0.1089	-7.44E-6	8.50E-7	4.88E-6
	CC3	0.0029	-0.0014	-0.1089	-7.44E-6	8.50E-7	4.88E-6
	CC4	0.0028	-0.0013	-0.1064	-6.78E-6	7.75E-7	4.48E-6
	CC5	0.0028	-0.0013	-0.1064	-6.78E-6	7.75E-7	4.48E-6
	CC6	0.0619	0.1032	-0.1228	4.52E-4	-5.17E-5	-6.91E-5

	CC7	0.0612	0.0994	-0.1246	4.36E-4	-4.98E-5	-6.60E-5
	CC8	0.0612	0.0269	-0.1679	1.14E-4	-1.31E-5	-5.60E-5
	CC9	0.0605	0.0230	-0.1697	9.77E-5	-1.12E-5	-5.29E-5
	CC10	-0.0550	-0.0256	-0.0414	-1.11E-4	1.27E-5	6.16E-5
	CC11	-0.0558	-0.0294	-0.0432	-1.28E-4	1.46E-5	6.47E-5
	CC12	-0.0557	-0.1019	-0.0865	-4.49E-4	5.13E-5	7.46E-5
	CC13	-0.0565	-0.1057	-0.0882	-4.65E-4	5.32E-5	7.77E-5
	CC14	0.0226	0.1511	-0.0399	6.67E-4	-7.62E-5	-4.17E-5
	CC15	0.0203	0.1394	-0.0453	6.16E-4	-7.04E-5	-3.23E-5
	CC16	-0.0125	0.1125	-0.0155	4.98E-4	-5.69E-5	-2.50E-6
	CC17	-0.0147	0.1008	-0.0209	4.47E-4	-5.11E-5	6.90E-6
	CC18	0.0202	-0.1033	-0.1902	-4.60E-4	5.26E-5	1.79E-6
	CC19	0.0179	-0.1150	-0.1955	-5.11E-4	5.84E-5	1.12E-5
	CC20	-0.0149	-0.1420	-0.1657	-6.29E-4	7.19E-5	4.10E-5
	CC21	-0.0172	-0.1536	-0.1711	-6.80E-4	7.77E-5	5.04E-5
589	CC1	0.0011	-0.0003	-0.1044	-2.04E-6	2.09E-7	3.61E-6
	CC2	0.0011	-0.0003	-0.1044	-2.04E-6	2.09E-7	3.61E-6
	CC3	0.0011	-0.0003	-0.1044	-2.04E-6	2.09E-7	3.61E-6
	CC4	0.0011	-0.0003	-0.1021	-1.72E-6	1.76E-7	3.38E-6
	CC5	0.0011	-0.0003	-0.1021	-1.72E-6	1.76E-7	3.38E-6
	CC6	0.0164	0.0280	-0.1520	3.74E-4	-3.83E-5	-1.69E-4
	CC7	0.0163	0.0269	-0.1512	3.61E-4	-3.69E-5	-1.62E-4
	CC8	0.0147	0.0085	-0.1351	9.83E-5	-1.01E-5	-7.13E-5
	CC9	0.0146	0.0074	-0.1343	8.45E-5	-8.64E-6	-6.46E-5
	CC10	-0.0125	-0.0079	-0.0683	-8.77E-5	8.97E-6	7.12E-5
	CC11	-0.0126	-0.0090	-0.0675	-1.02E-4	1.04E-5	7.79E-5
	CC12	-0.0142	-0.0274	-0.0514	-3.64E-4	3.72E-5	1.69E-4
	CC13	-0.0143	-0.0285	-0.0506	-3.78E-4	3.86E-5	1.76E-4
	CC14	0.0085	0.0392	-0.1433	5.49E-4	-5.61E-5	-2.06E-4
	CC15	0.0081	0.0360	-0.1407	5.07E-4	-5.18E-5	-1.86E-4
	CC16	-0.0002	0.0284	-0.1181	4.10E-4	-4.20E-5	-1.34E-4
	CC17	-0.0006	0.0252	-0.1156	3.68E-4	-3.77E-5	-1.14E-4
	CC18	0.0027	-0.0257	-0.0869	-3.72E-4	3.80E-5	1.20E-4
	CC19	0.0023	-0.0289	-0.0844	-4.13E-4	4.23E-5	1.41E-4
	CC20	-0.0060	-0.0365	-0.0618	-5.10E-4	5.22E-5	1.92E-4
	CC21	-0.0064	-0.0397	-0.0593	-5.52E-4	5.65E-5	2.13E-4
590	CC1	0.0020	-0.0007	-0.1059	-4.33E-6	4.42E-7	5.26E-6
	CC2	0.0020	-0.0007	-0.1059	-4.33E-6	4.42E-7	5.26E-6
	CC3	0.0020	-0.0007	-0.1059	-4.33E-6	4.42E-7	5.26E-6
	CC4	0.0019	-0.0006	-0.1035	-3.84E-6	3.92E-7	4.92E-6
	CC5	0.0019	-0.0006	-0.1035	-3.84E-6	3.92E-7	4.92E-6
	CC6	0.0363	0.0645	-0.1625	4.55E-4	-4.65E-5	-1.32E-4
	CC7	0.0361	0.0621	-0.1613	4.38E-4	-4.48E-5	-1.26E-4
	CC8	0.0347	0.0178	-0.1387	1.17E-4	-1.20E-5	-6.60E-5
	CC9	0.0345	0.0154	-0.1376	1.00E-4	-1.02E-5	-6.06E-5
	CC10	-0.0308	-0.0165	-0.0679	-1.07E-4	1.10E-5	7.02E-5
	CC11	-0.0310	-0.0189	-0.0667	-1.24E-4	1.27E-5	7.56E-5
	CC12	-0.0323	-0.0633	-0.0442	-4.45E-4	4.56E-5	1.36E-4
	CC13	-0.0325	-0.0657	-0.0430	-4.62E-4	4.73E-5	1.41E-4
	CC14	0.0148	0.0932	-0.1582	6.69E-4	-6.85E-5	-1.43E-4
	CC15	0.0142	0.0859	-0.1547	6.18E-4	-6.32E-5	-1.27E-4
	CC16	-0.0053	0.0689	-0.1298	5.01E-4	-5.12E-5	-8.27E-5
	CC17	-0.0059	0.0615	-0.1263	4.50E-4	-4.60E-5	-6.64E-5
	CC18	0.0097	-0.0627	-0.0791	-4.57E-4	4.67E-5	7.60E-5
	CC19	0.0091	-0.0700	-0.0756	-5.08E-4	5.20E-5	9.23E-5
	CC20	-0.0104	-0.0870	-0.0508	-6.26E-4	6.40E-5	1.37E-4
	CC21	-0.0110	-0.0943	-0.0473	-6.77E-4	6.92E-5	1.53E-4
591	CC1	0.0025	-0.0011	-0.1071	-5.13E-6	5.25E-7	1.35E-6
	CC2	0.0025	-0.0011	-0.1071	-5.13E-6	5.25E-7	1.35E-6
	CC3	0.0025	-0.0011	-0.1071	-5.13E-6	5.25E-7	1.35E-6
	CC4	0.0025	-0.0010	-0.1048	-4.52E-6	4.63E-7	1.07E-6
	CC5	0.0025	-0.0010	-0.1048	-4.52E-6	4.63E-7	1.07E-6
	CC6	0.0583	0.1042	-0.1710	4.52E-4	-4.63E-5	-7.56E-5
	CC7	0.0580	0.1003	-0.1695	4.36E-4	-4.46E-5	-7.23E-5
	CC8	0.0577	0.0276	-0.1407	1.13E-4	-1.16E-5	-6.02E-5
	CC9	0.0575	0.0237	-0.1392	9.65E-5	-9.87E-6	-5.70E-5
	CC10	-0.0526	-0.0256	-0.0687	-1.05E-4	1.08E-5	5.90E-5
	CC11	-0.0528	-0.0295	-0.0673	-1.22E-4	1.25E-5	6.22E-5
	CC12	-0.0532	-0.1023	-0.0385	-4.44E-4	4.55E-5	7.43E-5
	CC13	-0.0534	-0.1061	-0.0370	-4.61E-4	4.72E-5	7.75E-5
	CC14	0.0204	0.1521	-0.1720	6.70E-4	-6.85E-5	-4.96E-5
	CC15	0.0196	0.1403	-0.1676	6.20E-4	-6.34E-5	-3.99E-5

	CC16	-0.0129	0.1131	-0.1413	5.03E-4	-5.14E-5	-9.26E-6
	CC17	-0.0136	0.1014	-0.1369	4.52E-4	-4.63E-5	4.89E-7
	CC18	0.0185	-0.1033	-0.0711	-4.61E-4	4.71E-5	1.45E-6
	CC19	0.0177	-0.1151	-0.0667	-5.11E-4	5.23E-5	1.12E-5
	CC20	-0.0148	-0.1423	-0.0404	-6.28E-4	6.42E-5	4.18E-5
	CC21	-0.0155	-0.1540	-0.0360	-6.79E-4	6.94E-5	5.16E-5
592	CC1	-0.0003	-0.0008	-0.0916	-1.38E-5	0.00E+0	-6.02E-6
	CC2	-0.0003	-0.0008	-0.0916	-1.38E-5	0.00E+0	-6.02E-6
	CC3	-0.0003	-0.0008	-0.0916	-1.38E-5	0.00E+0	-6.02E-6
	CC4	-0.0003	-0.0008	-0.0889	-1.28E-5	0.00E+0	-5.64E-6
	CC5	-0.0003	-0.0008	-0.0889	-1.28E-5	0.00E+0	-5.64E-6
	CC6	0.0504	0.0451	-0.0788	1.00E-4	4.50E-29	-6.40E-5
	CC7	0.0508	0.0450	-0.0784	9.88E-5	4.50E-29	-6.18E-5
	CC8	0.0512	-0.0174	-0.0545	-2.78E-4	1.70E-29	-3.19E-5
	CC9	0.0517	-0.0176	-0.0542	-2.79E-4	1.70E-29	-2.97E-5
	CC10	-0.0522	0.0161	-0.1219	2.54E-4	-1.70E-29	1.86E-5
	CC11	-0.0518	0.0159	-0.1216	2.53E-4	-1.70E-29	2.09E-5
	CC12	-0.0514	-0.0464	-0.0977	-1.24E-4	-4.50E-29	5.08E-5
	CC13	-0.0509	-0.0466	-0.0974	-1.25E-4	-4.50E-29	5.30E-5
	CC14	0.0130	0.1081	-0.1224	5.96E-4	5.59E-29	-7.48E-5
	CC15	0.0144	0.1076	-0.1214	5.93E-4	5.59E-29	-6.81E-5
	CC16	-0.0178	0.0994	-0.1354	6.43E-4	3.73E-29	-5.00E-5
	CC17	-0.0164	0.0989	-0.1344	6.39E-4	3.73E-29	-4.33E-5
	CC18	0.0158	-0.1003	-0.0418	-6.64E-4	-3.73E-29	3.23E-5
	CC19	0.0173	-0.1009	-0.0407	-6.68E-4	-3.73E-29	3.90E-5
	CC20	-0.0149	-0.1090	-0.0547	-6.18E-4	-5.59E-29	5.71E-5
	CC21	-0.0135	-0.1096	-0.0537	-6.21E-4	-5.59E-29	6.38E-5
593	CC1	-0.0003	-0.0002	-0.0906	-2.31E-6	0.00E+0	-1.54E-6
	CC2	-0.0003	-0.0002	-0.0906	-2.31E-6	0.00E+0	-1.54E-6
	CC3	-0.0003	-0.0002	-0.0906	-2.31E-6	0.00E+0	-1.54E-6
	CC4	-0.0003	-0.0002	-0.0880	-2.07E-6	0.00E+0	-1.40E-6
	CC5	-0.0003	-0.0002	-0.0880	-2.07E-6	0.00E+0	-1.40E-6
	CC6	0.0318	0.0232	-0.0790	2.43E-4	1.55E-29	-2.57E-5
	CC7	0.0321	0.0231	-0.0787	2.42E-4	1.55E-29	-2.47E-5
	CC8	0.0307	-0.0079	-0.0588	-9.28E-5	5.79E-3	-2.30E-5
	CC9	0.0310	-0.0080	-0.0585	-9.39E-5	5.79E-3	-2.20E-5
	CC10	-0.0316	0.0077	-0.1157	8.99E-5	-5.79E-3	1.93E-5
	CC11	-0.0313	0.0076	-0.1154	8.89E-5	-5.79E-3	2.03E-5
	CC12	-0.0327	-0.0234	-0.0955	-2.46E-4	-1.55E-29	2.20E-5
	CC13	-0.0324	-0.0235	-0.0952	-2.47E-4	-1.55E-29	2.30E-5
	CC14	0.0107	0.0541	-0.1157	5.83E-4	1.94E-29	-1.41E-5
	CC15	0.0116	0.0539	-0.1148	5.80E-4	1.94E-29	-1.09E-5
	CC16	-0.0084	0.0494	-0.1267	5.37E-4	1.30E-29	-5.74E-7
	CC17	-0.0075	0.0492	-0.1258	5.34E-4	1.30E-29	2.55E-6
	CC18	0.0069	-0.0495	-0.0484	-5.38E-4	-1.30E-29	-5.25E-6
	CC19	0.0078	-0.0497	-0.0474	-5.41E-4	-1.30E-29	-2.13E-6
	CC20	-0.0122	-0.0542	-0.0594	-5.84E-4	-1.94E-29	8.25E-6
	CC21	-0.0113	-0.0544	-0.0584	-5.87E-4	-1.94E-29	1.14E-5
594	CC1	-0.0002	0.0000	-0.0895	-8.58E-7	0.00E+0	-7.29E-8
	CC2	-0.0002	0.0000	-0.0895	-8.58E-7	0.00E+0	-7.29E-8
	CC3	-0.0002	0.0000	-0.0895	-8.58E-7	0.00E+0	-7.29E-8
	CC4	-0.0002	0.0000	-0.0869	-8.02E-7	0.00E+0	-3.32E-8
	CC5	-0.0002	0.0000	-0.0869	-8.02E-7	0.00E+0	-3.32E-8
	CC6	0.0149	0.0064	-0.0792	1.44E-4	1.07E-29	-5.70E-6
	CC7	0.0151	0.0064	-0.0789	1.43E-4	1.07E-29	-5.41E-6
	CC8	0.0135	-0.0019	-0.0632	-4.43E-5	4.02E-3	-9.46E-6
	CC9	0.0137	-0.0020	-0.0629	-4.47E-5	4.02E-3	-9.18E-6
	CC10	-0.0141	0.0019	-0.1092	4.32E-5	-4.02E-3	9.14E-6
	CC11	-0.0139	0.0019	-0.1089	4.28E-5	-4.02E-3	9.42E-6
	CC12	-0.0155	-0.0064	-0.0932	-1.45E-4	-1.07E-29	5.37E-6
	CC13	-0.0153	-0.0064	-0.0930	-1.45E-4	-1.07E-29	5.66E-6
	CC14	0.0063	0.0145	-0.1086	3.28E-4	1.33E-29	3.60E-6
	CC15	0.0067	0.0145	-0.1077	3.27E-4	1.33E-29	4.46E-6
	CC16	-0.0024	0.0132	-0.1176	2.98E-4	8.88E-3	8.05E-6
	CC17	-0.0020	0.0131	-0.1167	2.97E-4	8.88E-3	8.91E-6
	CC18	0.0016	-0.0132	-0.0554	-2.99E-4	-8.88E-3	-8.95E-6
	CC19	0.0020	-0.0132	-0.0545	-3.00E-4	-8.88E-3	-8.09E-6
	CC20	-0.0071	-0.0145	-0.0644	-3.29E-4	-1.33E-29	-4.50E-6
	CC21	-0.0067	-0.0146	-0.0635	-3.30E-4	-1.33E-29	-3.64E-6
595	CC1	-0.0003	0.0000	-0.0894	-9.90E-7	0.00E+0	-4.66E-7
	CC2	-0.0003	0.0000	-0.0894	-9.90E-7	0.00E+0	-4.66E-7
	CC3	-0.0003	0.0000	-0.0894	-9.90E-7	0.00E+0	-4.66E-7

	CC4	-0.0003	0.0000	-0.0869	-8.65E-7	0.00E+0	-4.11E-7
	CC5	-0.0003	0.0000	-0.0869	-8.65E-7	0.00E+0	-4.11E-7
	CC6	0.0150	0.0015	-0.0752	3.44E-5	2.23E-29	-6.29E-6
	CC7	0.0151	0.0015	-0.0749	3.45E-5	2.23E-29	-6.02E-6
	CC8	0.0133	-0.0071	-0.0581	-1.63E-4	8.46E-3	-6.72E-6
	CC9	0.0134	-0.0071	-0.0578	-1.62E-4	8.46E-3	-6.45E-6
	CC10	-0.0139	0.0070	-0.1142	1.61E-4	-8.46E-3	5.66E-6
	CC11	-0.0138	0.0070	-0.1139	1.61E-4	-8.46E-3	5.93E-6
	CC12	-0.0156	-0.0016	-0.0971	-3.62E-5	-2.23E-29	5.23E-6
	CC13	-0.0155	-0.0016	-0.0968	-3.61E-5	-2.23E-29	5.50E-6
	CC14	0.0067	0.0134	-0.1091	3.08E-4	2.77E-29	-1.87E-6
	CC15	0.0071	0.0134	-0.1081	3.09E-4	2.77E-29	-1.06E-6
	CC16	-0.0020	0.0151	-0.1208	3.46E-4	1.84E-29	1.71E-6
	CC17	-0.0015	0.0151	-0.1199	3.47E-4	1.84E-29	2.53E-6
	CC18	0.0010	-0.0152	-0.0521	-3.48E-4	-1.84E-29	-3.31E-6
	CC19	0.0015	-0.0151	-0.0512	-3.48E-4	-1.84E-29	-2.50E-6
	CC20	-0.0076	-0.0135	-0.0639	-3.10E-4	-2.77E-29	2.72E-7
	CC21	-0.0072	-0.0135	-0.0629	-3.10E-4	-2.77E-29	1.09E-6
596	CC1	-0.0003	0.0000	-0.0894	-1.16E-6	0.00E+0	8.85E-7
	CC2	-0.0003	0.0000	-0.0894	-1.16E-6	0.00E+0	8.85E-7
	CC3	-0.0003	0.0000	-0.0894	-1.16E-6	0.00E+0	8.85E-7
	CC4	-0.0003	0.0000	-0.0868	-9.20E-7	0.00E+0	9.31E-7
	CC5	-0.0003	0.0000	-0.0868	-9.20E-7	0.00E+0	9.31E-7
	CC6	0.0148	0.0011	-0.0709	2.38E-5	4.31E-29	-2.25E-6
	CC7	0.0150	0.0012	-0.0705	2.47E-5	4.31E-29	-1.76E-6
	CC8	0.0132	-0.0089	-0.0524	-2.01E-4	1.64E-29	-4.17E-5
	CC9	0.0134	-0.0089	-0.0520	-2.00E-4	1.64E-29	-4.12E-5
	CC10	-0.0140	0.0088	-0.1199	1.99E-4	-1.64E-29	4.31E-5
	CC11	-0.0138	0.0089	-0.1196	2.00E-4	-1.64E-29	4.36E-5
	CC12	-0.0156	-0.0012	-0.1014	-2.64E-5	-4.31E-29	3.65E-6
	CC13	-0.0154	-0.0012	-0.1011	-2.55E-5	-4.31E-29	4.14E-6
	CC14	0.0065	0.0155	-0.1100	3.47E-4	5.34E-29	5.92E-5
	CC15	0.0069	0.0156	-0.1089	3.49E-4	5.34E-29	6.07E-5
	CC16	-0.0022	0.0178	-0.1247	3.99E-4	3.56E-29	7.28E-5
	CC17	-0.0017	0.0179	-0.1236	4.02E-4	3.56E-29	7.43E-5
	CC18	0.0012	-0.0180	-0.0483	-4.04E-4	-3.56E-29	-7.24E-5
	CC19	0.0016	-0.0178	-0.0473	-4.01E-4	-3.56E-29	-7.09E-5
	CC20	-0.0075	-0.0156	-0.0630	-3.51E-4	-5.34E-29	-5.88E-5
	CC21	-0.0071	-0.0155	-0.0620	-3.49E-4	-5.34E-29	-5.73E-5
597	CC1	-0.0004	-0.0012	-0.0913	-1.28E-5	0.00E+0	-1.95E-6
	CC2	-0.0004	-0.0012	-0.0913	-1.28E-5	0.00E+0	-1.95E-6
	CC3	-0.0004	-0.0012	-0.0913	-1.28E-5	0.00E+0	-1.95E-6
	CC4	-0.0004	-0.0011	-0.0887	-1.19E-5	0.00E+0	-1.75E-6
	CC5	-0.0004	-0.0011	-0.0887	-1.19E-5	0.00E+0	-1.75E-6
	CC6	0.0507	0.0113	-0.0726	8.17E-5	2.23E-29	-4.86E-5
	CC7	0.0511	0.0113	-0.0722	8.13E-5	2.23E-29	-4.66E-5
	CC8	0.0513	-0.0500	-0.0440	-2.97E-4	8.46E-3	-5.13E-5
	CC9	0.0518	-0.0500	-0.0436	-2.97E-4	8.46E-3	-4.93E-5
	CC10	-0.0525	0.0479	-0.1320	2.74E-4	-8.46E-3	4.59E-5
	CC11	-0.0520	0.0479	-0.1316	2.73E-4	-8.46E-3	4.80E-5
	CC12	-0.0518	-0.0134	-0.1034	-1.04E-4	-2.23E-29	4.32E-5
	CC13	-0.0514	-0.0134	-0.1030	-1.05E-4	-2.23E-29	4.53E-5
	CC14	0.0133	0.0956	-0.1273	5.91E-4	2.78E-29	-1.44E-5
	CC15	0.0147	0.0956	-0.1260	5.89E-4	2.78E-29	-8.22E-6
	CC16	-0.0176	0.1066	-0.1451	6.48E-4	1.85E-29	1.39E-5
	CC17	-0.0162	0.1066	-0.1439	6.47E-4	1.85E-29	2.01E-5
	CC18	0.0155	-0.1087	-0.0318	-6.70E-4	-1.85E-29	-2.35E-5
	CC19	0.0169	-0.1087	-0.0305	-6.71E-4	-1.85E-29	-1.73E-5
	CC20	-0.0155	-0.0977	-0.0496	-6.13E-4	-2.78E-29	4.86E-6
	CC21	-0.0140	-0.0977	-0.0484	-6.14E-4	-2.78E-29	1.11E-5
598	CC1	-0.0004	-0.0003	-0.0904	-6.06E-6	0.00E+0	-1.71E-6
	CC2	-0.0004	-0.0003	-0.0904	-6.06E-6	0.00E+0	-1.71E-6
	CC3	-0.0004	-0.0003	-0.0904	-6.06E-6	0.00E+0	-1.71E-6
	CC4	-0.0004	-0.0003	-0.0878	-5.58E-6	0.00E+0	-1.51E-6
	CC5	-0.0004	-0.0003	-0.0878	-5.58E-6	0.00E+0	-1.51E-6
	CC6	0.0321	0.0054	-0.0739	5.56E-5	2.36E-29	-2.49E-5
	CC7	0.0324	0.0055	-0.0735	5.58E-5	2.36E-29	-2.38E-5
	CC8	0.0306	-0.0258	-0.0508	-2.62E-4	8.87E-3	-3.39E-5
	CC9	0.0309	-0.0257	-0.0505	-2.62E-4	8.87E-3	-3.28E-5
	CC10	-0.0317	0.0252	-0.1234	2.51E-4	-8.87E-3	2.99E-5
	CC11	-0.0314	0.0252	-0.1231	2.51E-4	-8.87E-3	3.10E-5
	CC12	-0.0331	-0.0060	-0.1004	-6.66E-5	-2.36E-29	2.09E-5

	CC13	-0.0328	-0.0060	-0.1000	-6.65E-5	-2.36E-29	2.20E-5
	CC14	0.0111	0.0487	-0.1185	4.94E-4	2.95E-29	3.74E-6
	CC15	0.0120	0.0488	-0.1174	4.95E-4	2.95E-29	7.08E-6
	CC16	-0.0080	0.0546	-0.1333	5.53E-4	1.97E-29	2.02E-5
	CC17	-0.0071	0.0547	-0.1323	5.53E-4	1.97E-29	2.35E-5
	CC18	0.0064	-0.0553	-0.0416	-5.64E-4	-1.97E-29	-2.64E-5
	CC19	0.0073	-0.0552	-0.0405	-5.64E-4	-1.97E-29	-2.31E-5
	CC20	-0.0128	-0.0493	-0.0565	-5.06E-4	-2.95E-29	-9.97E-6
	CC21	-0.0118	-0.0493	-0.0554	-5.05E-4	-2.95E-29	-6.63E-6
599	CC1	-0.0005	-0.0004	-0.0903	-7.05E-6	0.00E+0	3.12E-7
	CC2	-0.0005	-0.0004	-0.0903	-7.05E-6	0.00E+0	3.12E-7
	CC3	-0.0005	-0.0004	-0.0903	-7.05E-6	0.00E+0	3.12E-7
	CC4	-0.0005	-0.0003	-0.0877	-6.49E-6	0.00E+0	4.22E-7
	CC5	-0.0005	-0.0003	-0.0877	-6.49E-6	0.00E+0	4.22E-7
	CC6	0.0324	0.0037	-0.0679	3.57E-5	3.31E-29	-1.70E-5
	CC7	0.0327	0.0038	-0.0675	3.66E-5	3.31E-29	-1.59E-5
	CC8	0.0313	-0.0298	-0.0409	-2.74E-4	1.24E-29	-5.61E-5
	CC9	0.0316	-0.0297	-0.0405	-2.74E-4	1.24E-29	-5.50E-5
	CC10	-0.0325	0.0291	-0.1332	2.61E-4	-1.24E-29	5.59E-5
	CC11	-0.0322	0.0292	-0.1328	2.62E-4	-1.24E-29	5.70E-5
	CC12	-0.0336	-0.0045	-0.1062	-4.92E-5	-3.31E-29	1.68E-5
	CC13	-0.0333	-0.0044	-0.1058	-4.83E-5	-3.31E-29	1.79E-5
	CC14	0.0106	0.0516	-0.1227	4.75E-4	4.13E-29	5.30E-5
	CC15	0.0115	0.0520	-0.1214	4.78E-4	4.13E-29	5.64E-5
	CC16	-0.0089	0.0592	-0.1423	5.43E-4	2.76E-29	7.48E-5
	CC17	-0.0080	0.0596	-0.1410	5.46E-4	2.76E-29	7.82E-5
	CC18	0.0070	-0.0602	-0.0327	-5.58E-4	-2.76E-29	-7.73E-5
	CC19	0.0080	-0.0599	-0.0314	-5.56E-4	-2.76E-29	-7.39E-5
	CC20	-0.0124	-0.0526	-0.0523	-4.91E-4	-4.13E-29	-5.54E-5
	CC21	-0.0115	-0.0523	-0.0510	-4.88E-4	-4.13E-29	-5.20E-5
600	CC1	-0.0005	-0.0013	-0.0911	-1.31E-5	0.00E+0	-9.69E-8
	CC2	-0.0005	-0.0013	-0.0911	-1.31E-5	0.00E+0	-9.69E-8
	CC3	-0.0005	-0.0013	-0.0911	-1.31E-5	0.00E+0	-9.69E-8
	CC4	-0.0005	-0.0012	-0.0885	-1.23E-5	0.00E+0	-2.24E-8
	CC5	-0.0005	-0.0012	-0.0885	-1.23E-5	0.00E+0	-2.24E-8
	CC6	0.0509	0.0075	-0.0656	5.24E-5	1.85E-3	-3.63E-5
	CC7	0.0514	0.0077	-0.0652	5.30E-5	1.85E-3	-3.45E-5
	CC8	0.0517	-0.0547	-0.0309	-2.96E-4	6.87E-31	-5.62E-5
	CC9	0.0522	-0.0545	-0.0304	-2.95E-4	6.87E-31	-5.44E-5
	CC10	-0.0531	0.0523	-0.1449	2.71E-4	-6.87E-31	5.45E-5
	CC11	-0.0526	0.0525	-0.1444	2.72E-4	-6.87E-31	5.63E-5
	CC12	-0.0523	-0.0099	-0.1101	-7.69E-5	-1.85E-3	3.46E-5
	CC13	-0.0518	-0.0098	-0.1096	-7.64E-5	-1.85E-3	3.64E-5
	CC14	0.0131	0.0956	-0.1344	5.35E-4	2.31E-3	1.68E-5
	CC15	0.0145	0.0962	-0.1330	5.37E-4	2.31E-3	2.24E-5
	CC16	-0.0181	0.1091	-0.1582	6.01E-4	1.55E-3	4.41E-5
	CC17	-0.0167	0.1096	-0.1568	6.02E-4	1.55E-3	4.96E-5
	CC18	0.0158	-0.1118	-0.0185	-6.26E-4	-1.55E-3	-4.95E-5
	CC19	0.0172	-0.1113	-0.0171	-6.25E-4	-1.55E-3	-4.39E-5
	CC20	-0.0154	-0.0984	-0.0423	-5.61E-4	-2.31E-3	-2.22E-5
	CC21	-0.0140	-0.0979	-0.0408	-5.59E-4	-2.31E-3	-1.67E-5
601	CC1	-0.0011	-0.0003	-0.0871	0.00E+0	9.38E-6	4.06E-6
	CC2	-0.0011	-0.0003	-0.0871	0.00E+0	9.38E-6	4.06E-6
	CC3	-0.0011	-0.0003	-0.0871	0.00E+0	9.38E-6	4.06E-6
	CC4	-0.0011	-0.0002	-0.0851	0.00E+0	8.93E-6	3.80E-6
	CC5	-0.0011	-0.0002	-0.0851	0.00E+0	8.93E-6	3.80E-6
	CC6	0.0151	-0.0410	-0.0500	2.77E-29	-1.77E-4	8.81E-5
	CC7	0.0147	-0.0391	-0.0512	2.77E-29	-1.75E-4	8.41E-5
	CC8	0.0176	-0.0592	-0.0377	1.05E-29	-1.87E-4	1.36E-4
	CC9	0.0172	-0.0573	-0.0389	1.05E-29	-1.85E-4	1.32E-4
	CC10	-0.0193	0.0568	-0.1301	-1.05E-29	2.03E-4	-1.24E-4
	CC11	-0.0197	0.0587	-0.1313	-1.05E-29	2.05E-4	-1.28E-4
	CC12	-0.0169	0.0386	-0.1177	-2.77E-29	1.92E-4	-7.67E-5
	CC13	-0.0172	0.0405	-0.1190	-2.77E-29	1.95E-4	-8.07E-5
	CC14	0.0006	0.0125	-0.0911	3.44E-29	-3.43E-5	-3.74E-5
	CC15	-0.0006	0.0183	-0.0949	3.44E-29	-2.81E-5	-4.97E-5
	CC16	-0.0098	0.0419	-0.1152	2.30E-29	7.96E-5	-1.01E-4
	CC17	-0.0109	0.0477	-0.1189	2.30E-29	8.58E-5	-1.13E-4
	CC18	0.0088	-0.0481	-0.0500	-2.30E-29	-6.83E-5	1.21E-4
	CC19	0.0077	-0.0423	-0.0538	-2.30E-29	-6.21E-5	1.09E-4
	CC20	-0.0015	-0.0188	-0.0741	-3.44E-29	4.56E-5	5.71E-5
	CC21	-0.0027	-0.0130	-0.0778	-3.44E-29	5.18E-5	4.49E-5

602	CC1	-0.0014	-0.0003	-0.0877	0.00E+0	1.34E-5	2.64E-6
	CC2	-0.0014	-0.0003	-0.0877	0.00E+0	1.34E-5	2.64E-6
	CC3	-0.0014	-0.0003	-0.0877	0.00E+0	1.34E-5	2.64E-6
	CC4	-0.0014	-0.0003	-0.0857	0.00E+0	1.25E-5	2.34E-6
	CC5	-0.0014	-0.0003	-0.0857	0.00E+0	1.25E-5	2.34E-6
	CC6	0.0138	-0.0411	-0.0559	2.87E-29	-1.80E-4	7.41E-5
	CC7	0.0138	-0.0392	-0.0560	2.87E-29	-1.78E-4	7.06E-5
	CC8	0.0119	-0.0593	-0.0564	1.07E-29	-1.75E-4	1.14E-4
	CC9	0.0119	-0.0574	-0.0566	1.07E-29	-1.73E-4	1.11E-4
	CC10	-0.0146	0.0568	-0.1134	-1.07E-29	1.98E-4	-1.06E-4
	CC11	-0.0146	0.0587	-0.1136	-1.07E-29	2.00E-4	-1.10E-4
	CC12	-0.0165	0.0386	-0.1140	-2.87E-29	2.02E-4	-6.61E-5
	CC13	-0.0165	0.0405	-0.1142	-2.87E-29	2.04E-4	-6.96E-5
	CC14	0.0061	0.0125	-0.0752	3.59E-29	-5.43E-5	-3.20E-5
	CC15	0.0061	0.0183	-0.0757	3.59E-29	-4.86E-5	-4.26E-5
	CC16	-0.0025	0.0418	-0.0925	2.41E-29	5.89E-5	-8.60E-5
	CC17	-0.0025	0.0476	-0.0930	2.41E-29	6.47E-5	-9.66E-5
	CC18	-0.0002	-0.0482	-0.0771	-2.41E-29	-4.01E-5	1.01E-4
	CC19	-0.0002	-0.0424	-0.0776	-2.41E-29	-3.44E-5	9.05E-5
	CC20	-0.0088	-0.0188	-0.0943	-3.59E-29	7.31E-5	4.71E-5
	CC21	-0.0088	-0.0130	-0.0948	-3.59E-29	7.89E-5	3.65E-5
603	CC1	-0.0021	-0.0015	-0.0886	0.00E+0	1.89E-6	6.75E-6
	CC2	-0.0021	-0.0015	-0.0886	0.00E+0	1.89E-6	6.75E-6
	CC3	-0.0021	-0.0015	-0.0886	0.00E+0	1.89E-6	6.75E-6
	CC4	-0.0020	-0.0014	-0.0866	0.00E+0	1.80E-6	6.22E-6
	CC5	-0.0020	-0.0014	-0.0866	0.00E+0	1.80E-6	6.22E-6
	CC6	0.0537	-0.1108	-0.0447	4.53E-29	-2.75E-4	-1.17E-5
	CC7	0.0531	-0.1056	-0.0462	4.53E-29	-2.74E-4	-1.12E-5
	CC8	0.0552	-0.1652	-0.0293	1.72E-29	-2.60E-4	9.73E-6
	CC9	0.0547	-0.1599	-0.0309	1.72E-29	-2.59E-4	1.02E-5
	CC10	-0.0586	0.1572	-0.1410	-1.72E-29	2.63E-4	1.90E-6
	CC11	-0.0591	0.1625	-0.1425	-1.72E-29	2.64E-4	2.35E-6
	CC12	-0.0570	0.1029	-0.1256	-4.53E-29	2.78E-4	2.33E-5
	CC13	-0.0575	0.1081	-0.1272	-4.53E-29	2.79E-4	2.38E-5
	CC14	0.0131	0.0410	-0.0947	5.63E-29	-1.05E-4	-3.24E-5
	CC15	0.0115	0.0570	-0.0993	5.63E-29	-1.03E-4	-3.10E-5
	CC16	-0.0206	0.1215	-0.1236	3.75E-29	5.66E-5	-2.83E-5
	CC17	-0.0221	0.1374	-0.1282	3.75E-29	5.84E-5	-2.69E-5
	CC18	0.0183	-0.1401	-0.0436	-3.75E-29	-5.49E-5	3.90E-5
	CC19	0.0167	-0.1242	-0.0482	-3.75E-29	-5.31E-5	4.04E-5
	CC20	-0.0154	-0.0597	-0.0725	-5.63E-29	1.06E-4	4.31E-5
	CC21	-0.0170	-0.0437	-0.0771	-5.63E-29	1.08E-4	4.45E-5
604	CC1	-0.0018	-0.0008	-0.0879	0.00E+0	5.59E-6	6.75E-6
	CC2	-0.0018	-0.0008	-0.0879	0.00E+0	5.59E-6	6.75E-6
	CC3	-0.0018	-0.0008	-0.0879	0.00E+0	5.59E-6	6.75E-6
	CC4	-0.0017	-0.0007	-0.0859	0.00E+0	5.24E-6	6.27E-6
	CC5	-0.0017	-0.0007	-0.0859	0.00E+0	5.24E-6	6.27E-6
	CC6	0.0322	-0.0731	-0.0474	1.61E-29	-2.27E-4	4.80E-5
	CC7	0.0317	-0.0697	-0.0488	1.61E-29	-2.26E-4	4.58E-5
	CC8	0.0346	-0.1077	-0.0336	6.04E-3	-2.17E-4	8.60E-5
	CC9	0.0341	-0.1043	-0.0350	6.04E-3	-2.16E-4	8.39E-5
	CC10	-0.0374	0.1029	-0.1354	-6.04E-3	2.26E-4	-7.16E-5
	CC11	-0.0379	0.1063	-0.1368	-6.04E-3	2.27E-4	-7.38E-5
	CC12	-0.0350	0.0683	-0.1217	-1.61E-29	2.37E-4	-3.36E-5
	CC13	-0.0355	0.0717	-0.1231	-1.61E-29	2.37E-4	-3.57E-5
	CC14	0.0055	0.0253	-0.0929	2.00E-29	-8.11E-5	-3.61E-5
	CC15	0.0040	0.0357	-0.0970	2.00E-29	-7.91E-5	-4.26E-5
	CC16	-0.0154	0.0781	-0.1193	1.34E-29	5.50E-5	-7.20E-5
	CC17	-0.0169	0.0885	-0.1234	1.34E-29	5.69E-5	-7.84E-5
	CC18	0.0136	-0.0899	-0.0470	-1.34E-29	-4.67E-5	9.07E-5
	CC19	0.0121	-0.0795	-0.0512	-1.34E-29	-4.47E-5	8.42E-5
	CC20	-0.0073	-0.0371	-0.0734	-2.00E-29	8.93E-5	5.48E-5
	CC21	-0.0088	-0.0267	-0.0776	-2.00E-29	9.13E-5	4.83E-5
605	CC1	-0.0024	-0.0009	-0.0887	0.00E+0	7.84E-6	5.64E-6
	CC2	-0.0024	-0.0009	-0.0887	0.00E+0	7.84E-6	5.64E-6
	CC3	-0.0024	-0.0009	-0.0887	0.00E+0	7.84E-6	5.64E-6
	CC4	-0.0022	-0.0008	-0.0866	0.00E+0	7.30E-6	5.08E-6
	CC5	-0.0022	-0.0008	-0.0866	0.00E+0	7.30E-6	5.08E-6
	CC6	0.0319	-0.0733	-0.0545	4.01E-29	-2.40E-4	3.76E-5
	CC7	0.0316	-0.0699	-0.0546	4.01E-29	-2.37E-4	3.59E-5
	CC8	0.0305	-0.1080	-0.0570	1.54E-29	-2.51E-4	7.01E-5
	CC9	0.0302	-0.1045	-0.0570	1.54E-29	-2.48E-4	6.83E-5

	CC10	-0.0346	0.1029	-0.1148	-1.54E-29	2.62E-4	-5.85E-5
	CC11	-0.0348	0.1063	-0.1149	-1.54E-29	2.66E-4	-6.03E-5
	CC12	-0.0360	0.0683	-0.1172	-4.01E-29	2.51E-4	-2.61E-5
	CC13	-0.0363	0.0717	-0.1173	-4.01E-29	2.55E-4	-2.78E-5
	CC14	0.0105	0.0252	-0.0728	4.94E-29	-5.54E-5	-3.21E-5
	CC15	0.0097	0.0357	-0.0729	4.94E-29	-4.41E-5	-3.74E-5
	CC16	-0.0094	0.0781	-0.0909	3.28E-29	9.53E-5	-6.09E-5
	CC17	-0.0102	0.0885	-0.0910	3.28E-29	1.07E-4	-6.63E-5
	CC18	0.0058	-0.0902	-0.0809	-3.28E-29	-9.24E-5	7.61E-5
	CC19	0.0050	-0.0797	-0.0809	-3.28E-29	-8.11E-5	7.07E-5
	CC20	-0.0141	-0.0373	-0.0989	-4.94E-29	5.83E-5	4.72E-5
	CC21	-0.0149	-0.0268	-0.0990	-4.94E-29	6.96E-5	4.19E-5
606	CC1	-0.0028	-0.0016	-0.0895	0.00E+0	1.99E-6	7.98E-6
	CC2	-0.0028	-0.0016	-0.0895	0.00E+0	1.99E-6	7.98E-6
	CC3	-0.0028	-0.0016	-0.0895	0.00E+0	1.99E-6	7.98E-6
	CC4	-0.0026	-0.0015	-0.0874	0.00E+0	1.91E-6	7.30E-6
	CC5	-0.0026	-0.0015	-0.0874	0.00E+0	1.91E-6	7.30E-6
	CC6	0.0549	-0.1111	-0.0531	4.38E-29	-2.86E-4	-1.57E-5
	CC7	0.0543	-0.1058	-0.0530	4.38E-29	-2.83E-4	-1.48E-5
	CC8	0.0540	-0.1655	-0.0575	1.67E-29	-2.94E-4	1.83E-6
	CC9	0.0534	-0.1602	-0.0574	1.67E-29	-2.90E-4	2.64E-6
	CC10	-0.0586	0.1573	-0.1161	-1.67E-29	2.94E-4	1.15E-5
	CC11	-0.0592	0.1625	-0.1160	-1.67E-29	2.98E-4	1.23E-5
	CC12	-0.0595	0.1029	-0.1205	-4.38E-29	2.87E-4	2.90E-5
	CC13	-0.0600	0.1081	-0.1204	-4.38E-29	2.90E-4	2.98E-5
	CC14	0.0167	0.0410	-0.0701	5.42E-29	-7.80E-5	-2.74E-5
	CC15	0.0149	0.0569	-0.0698	5.42E-29	-6.71E-5	-2.49E-5
	CC16	-0.0173	0.1215	-0.0890	3.60E-29	9.62E-5	-1.92E-5
	CC17	-0.0191	0.1374	-0.0887	3.60E-29	1.07E-4	-1.68E-5
	CC18	0.0139	-0.1404	-0.0848	-3.60E-29	-1.03E-4	3.09E-5
	CC19	0.0122	-0.1244	-0.0845	-3.60E-29	-9.24E-5	3.34E-5
	CC20	-0.0201	-0.0599	-0.1037	-5.42E-29	7.08E-5	3.91E-5
	CC21	-0.0219	-0.0439	-0.1034	-5.42E-29	8.17E-5	4.15E-5
607	CC1	0.0030	-0.0016	-0.1088	4.54E-6	1.05E-5	-1.87E-6
	CC2	0.0030	-0.0016	-0.1088	4.54E-6	1.05E-5	-1.87E-6
	CC3	0.0030	-0.0016	-0.1088	4.54E-6	1.05E-5	-1.87E-6
	CC4	0.0029	-0.0015	-0.1064	4.48E-6	1.02E-5	-1.70E-6
	CC5	0.0029	-0.0015	-0.1064	4.48E-6	1.02E-5	-1.70E-6
	CC6	0.0593	0.1116	-0.1434	4.63E-5	-2.30E-4	4.70E-5
	CC7	0.0588	0.1074	-0.1444	4.52E-5	-2.28E-4	5.03E-5
	CC8	0.0637	0.0323	-0.1772	4.24E-6	-2.43E-4	8.16E-5
	CC9	0.0632	0.0281	-0.1782	3.06E-6	-2.41E-4	8.48E-5
	CC10	-0.0575	-0.0310	-0.0329	5.87E-6	2.61E-4	-8.81E-5
	CC11	-0.0580	-0.0352	-0.0339	4.68E-6	2.63E-4	-8.48E-5
	CC12	-0.0531	-0.1103	-0.0667	-3.62E-5	2.48E-4	-5.35E-5
	CC13	-0.0536	-0.1145	-0.0677	-3.74E-5	2.50E-4	-5.03E-5
	CC14	0.0139	0.1584	-0.0642	8.25E-5	-4.50E-5	-4.38E-5
	CC15	0.0124	0.1457	-0.0674	7.89E-5	-3.81E-5	-3.40E-5
	CC16	-0.0212	0.1156	-0.0311	7.04E-5	1.02E-4	-8.43E-5
	CC17	-0.0226	0.1029	-0.0342	6.68E-5	1.09E-4	-7.46E-5
	CC18	0.0283	-0.1058	-0.1769	-5.78E-5	-8.90E-5	7.13E-5
	CC19	0.0269	-0.1185	-0.1800	-6.14E-5	-8.22E-5	8.10E-5
	CC20	-0.0067	-0.1486	-0.1437	-7.00E-5	5.82E-5	3.07E-5
	CC21	-0.0082	-0.1613	-0.1469	-7.36E-5	6.51E-5	4.05E-5
608	CC1	0.0033	-0.0012	-0.1077	-3.24E-7	-4.60E-6	1.44E-5
	CC2	0.0033	-0.0012	-0.1077	-3.24E-7	-4.60E-6	1.44E-5
	CC3	0.0033	-0.0012	-0.1077	-3.24E-7	-4.60E-6	1.44E-5
	CC4	0.0032	-0.0011	-0.1052	-3.07E-7	-4.36E-6	1.43E-5
	CC5	0.0032	-0.0011	-0.1052	-3.07E-7	-4.36E-6	1.43E-5
	CC6	0.0382	0.0764	-0.1419	-1.56E-5	-2.23E-4	1.03E-4
	CC7	0.0380	0.0735	-0.1428	-1.55E-5	-2.21E-4	1.02E-4
	CC8	0.0426	0.0237	-0.1708	-1.74E-5	-2.47E-4	9.11E-5
	CC9	0.0423	0.0208	-0.1717	-1.73E-5	-2.46E-4	9.06E-5
	CC10	-0.0360	-0.0229	-0.0372	1.67E-5	2.37E-4	-6.19E-5
	CC11	-0.0362	-0.0258	-0.0381	1.68E-5	2.39E-4	-6.25E-5
	CC12	-0.0317	-0.0755	-0.0660	1.49E-5	2.13E-4	-7.34E-5
	CC13	-0.0319	-0.0784	-0.0669	1.50E-5	2.14E-4	-7.40E-5
	CC14	0.0074	0.1060	-0.0707	-2.41E-6	-3.43E-5	5.90E-5
	CC15	0.0067	0.0972	-0.0734	-2.13E-6	-3.03E-5	5.73E-5
	CC16	-0.0149	0.0762	-0.0393	7.29E-6	1.04E-4	9.63E-6
	CC17	-0.0156	0.0674	-0.0420	7.57E-6	1.08E-4	7.98E-6
	CC18	0.0219	-0.0694	-0.1669	-8.17E-6	-1.16E-4	2.07E-5

	CC19	0.0212	-0.0782	-0.1696	-7.89E-6	-1.12E-4	1.90E-5
	CC20	-0.0004	-0.0992	-0.1355	1.52E-6	2.18E-5	-2.87E-5
	CC21	-0.0011	-0.1080	-0.1382	1.80E-6	2.58E-5	-3.03E-5
609	CC1	0.0022	-0.0006	-0.1065	1.73E-5	-2.41E-5	9.32E-6
	CC2	0.0022	-0.0006	-0.1065	1.73E-5	-2.41E-5	9.32E-6
	CC3	0.0022	-0.0006	-0.1065	1.73E-5	-2.41E-5	9.32E-6
	CC4	0.0021	-0.0006	-0.1041	1.66E-5	-2.32E-5	9.35E-6
	CC5	0.0021	-0.0006	-0.1041	1.66E-5	-2.32E-5	9.35E-6
	CC6	0.0177	0.0452	-0.1399	-4.97E-5	-2.18E-4	1.12E-4
	CC7	0.0177	0.0434	-0.1406	-5.12E-5	-2.17E-4	1.10E-4
	CC8	0.0216	0.0158	-0.1648	-6.56E-5	-2.40E-4	6.78E-5
	CC9	0.0216	0.0140	-0.1655	-6.71E-5	-2.38E-4	6.49E-5
	CC10	-0.0174	-0.0151	-0.0410	9.98E-5	1.92E-4	-4.62E-5
	CC11	-0.0175	-0.0169	-0.0418	9.82E-5	1.94E-4	-4.90E-5
	CC12	-0.0135	-0.0446	-0.0659	8.39E-5	1.71E-4	-9.08E-5
	CC13	-0.0135	-0.0463	-0.0667	8.23E-5	1.72E-4	-9.37E-5
	CC14	0.0009	0.0602	-0.0754	2.28E-5	-5.09E-5	1.12E-4
	CC15	0.0008	0.0549	-0.0777	1.81E-5	-4.62E-5	1.03E-4
	CC16	-0.0097	0.0421	-0.0458	6.76E-5	7.22E-5	6.43E-5
	CC17	-0.0098	0.0368	-0.0481	6.29E-5	7.69E-5	5.56E-5
	CC18	0.0139	-0.0379	-0.1585	-3.03E-5	-1.23E-4	-3.69E-5
	CC19	0.0138	-0.0432	-0.1608	-3.49E-5	-1.18E-4	-4.56E-5
	CC20	0.0034	-0.0560	-0.1288	1.46E-5	3.27E-7	-8.45E-5
	CC21	0.0033	-0.0613	-0.1311	9.88E-6	5.04E-6	-9.31E-5
610	CC1	0.0026	-0.0006	-0.1063	4.68E-5	-3.47E-5	1.12E-6
	CC2	0.0026	-0.0006	-0.1063	4.68E-5	-3.47E-5	1.12E-6
	CC3	0.0026	-0.0006	-0.1063	4.68E-5	-3.47E-5	1.12E-6
	CC4	0.0025	-0.0005	-0.1039	4.61E-5	-3.38E-5	1.31E-6
	CC5	0.0025	-0.0005	-0.1039	4.61E-5	-3.38E-5	1.31E-6
	CC6	0.0245	0.0450	-0.1512	4.26E-4	-3.14E-4	8.90E-5
	CC7	0.0243	0.0433	-0.1514	4.11E-4	-3.10E-4	8.59E-5
	CC8	0.0239	0.0158	-0.1624	1.94E-4	-3.00E-4	2.29E-5
	CC9	0.0237	0.0141	-0.1625	1.79E-4	-2.96E-4	1.98E-5
	CC10	-0.0186	-0.0150	-0.0437	-8.77E-5	2.29E-4	-1.70E-5
	CC11	-0.0189	-0.0168	-0.0439	-1.02E-4	2.33E-4	-2.02E-5
	CC12	-0.0192	-0.0443	-0.0549	-3.20E-4	2.43E-4	-8.31E-5
	CC13	-0.0195	-0.0460	-0.0550	-3.34E-4	2.47E-4	-8.62E-5
	CC14	0.0103	0.0598	-0.1005	5.31E-4	-1.43E-4	1.32E-4
	CC15	0.0096	0.0546	-0.1009	4.87E-4	-1.33E-4	1.23E-4
	CC16	-0.0026	0.0418	-0.0683	3.77E-4	1.97E-5	1.00E-4
	CC17	-0.0033	0.0365	-0.0686	3.33E-4	3.04E-5	9.08E-5
	CC18	0.0084	-0.0375	-0.1376	-2.42E-4	-9.73E-5	-8.80E-5
	CC19	0.0076	-0.0428	-0.1380	-2.86E-4	-8.66E-5	-9.76E-5
	CC20	-0.0046	-0.0555	-0.1053	-3.96E-4	6.56E-5	-1.20E-4
	CC21	-0.0053	-0.0608	-0.1057	-4.40E-4	7.63E-5	-1.29E-4
611	CC1	0.0022	-0.0005	-0.1060	-1.59E-5	-2.30E-5	-1.46E-5
	CC2	0.0022	-0.0005	-0.1060	-1.59E-5	-2.30E-5	-1.46E-5
	CC3	0.0022	-0.0005	-0.1060	-1.59E-5	-2.30E-5	-1.46E-5
	CC4	0.0021	-0.0004	-0.1036	-1.52E-5	-2.25E-5	-1.42E-5
	CC5	0.0021	-0.0004	-0.1036	-1.52E-5	-2.25E-5	-1.42E-5
	CC6	0.0260	0.0450	-0.1653	2.50E-4	-2.71E-4	-3.98E-5
	CC7	0.0256	0.0433	-0.1647	2.40E-4	-2.68E-4	-4.06E-5
	CC8	0.0217	0.0159	-0.1581	6.61E-5	-2.46E-4	-8.50E-5
	CC9	0.0213	0.0141	-0.1575	5.63E-5	-2.44E-4	-8.58E-5
	CC10	-0.0171	-0.0149	-0.0482	-8.63E-5	1.99E-4	5.76E-5
	CC11	-0.0175	-0.0167	-0.0476	-9.61E-5	2.02E-4	5.68E-5
	CC12	-0.0215	-0.0441	-0.0409	-2.70E-4	2.23E-4	1.24E-5
	CC13	-0.0219	-0.0459	-0.0404	-2.80E-4	2.26E-4	1.16E-5
	CC14	0.0164	0.0599	-0.1334	3.57E-4	-1.37E-4	4.78E-5
	CC15	0.0152	0.0546	-0.1316	3.27E-4	-1.29E-4	4.53E-5
	CC16	0.0034	0.0419	-0.0983	2.56E-4	3.48E-6	7.70E-5
	CC17	0.0022	0.0366	-0.0965	2.26E-4	1.19E-5	7.45E-5
	CC18	0.0020	-0.0374	-0.1092	-2.56E-4	-5.64E-5	-1.03E-4
	CC19	0.0007	-0.0427	-0.1074	-2.86E-4	-4.80E-5	-1.05E-4
	CC20	-0.0110	-0.0554	-0.0741	-3.57E-4	8.45E-5	-7.35E-5
	CC21	-0.0122	-0.0607	-0.0723	-3.87E-4	9.29E-5	-7.60E-5
612	CC1	0.0029	-0.0015	-0.1084	-1.19E-5	2.70E-5	-5.43E-7
	CC2	0.0029	-0.0015	-0.1084	-1.19E-5	2.70E-5	-5.43E-7
	CC3	0.0029	-0.0015	-0.1084	-1.19E-5	2.70E-5	-5.43E-7
	CC4	0.0028	-0.0014	-0.1060	-1.14E-5	2.64E-5	-2.43E-7
	CC5	0.0028	-0.0014	-0.1060	-1.14E-5	2.64E-5	-2.43E-7
	CC6	0.0611	0.1116	-0.1582	2.19E-4	-1.49E-4	4.93E-5

	CC7	0.0607	0.1074	-0.1584	2.11E-4	-1.49E-4	4.89E-5
	CC8	0.0649	0.0326	-0.1711	5.18E-5	-1.93E-4	1.00E-5
	CC9	0.0645	0.0284	-0.1712	4.36E-5	-1.92E-4	9.63E-6
	CC10	-0.0590	-0.0310	-0.0391	-6.60E-5	2.45E-4	-9.92E-6
	CC11	-0.0594	-0.0352	-0.0392	-7.41E-5	2.45E-4	-1.03E-5
	CC12	-0.0551	-0.1101	-0.0519	-2.33E-4	2.02E-4	-4.92E-5
	CC13	-0.0555	-0.1143	-0.0521	-2.41E-4	2.02E-4	-4.96E-5
	CC14	0.0149	0.1582	-0.1014	3.23E-4	3.87E-5	7.48E-5
	CC15	0.0138	0.1455	-0.1018	2.98E-4	3.91E-5	7.36E-5
	CC16	-0.0211	0.1154	-0.0657	2.37E-4	1.57E-4	5.70E-5
	CC17	-0.0223	0.1027	-0.0661	2.13E-4	1.57E-4	5.59E-5
	CC18	0.0278	-0.1053	-0.1442	-2.35E-4	-1.05E-4	-5.62E-5
	CC19	0.0266	-0.1181	-0.1446	-2.60E-4	-1.05E-4	-5.73E-5
	CC20	-0.0082	-0.1481	-0.1085	-3.20E-4	1.33E-5	-7.39E-5
	CC21	-0.0094	-0.1609	-0.1089	-3.45E-4	1.37E-5	-7.51E-5
613	CC1	0.0040	-0.0011	-0.1074	-1.12E-7	-1.60E-6	2.93E-6
	CC2	0.0040	-0.0011	-0.1074	-1.12E-7	-1.60E-6	2.93E-6
	CC3	0.0040	-0.0011	-0.1074	-1.12E-7	-1.60E-6	2.93E-6
	CC4	0.0039	-0.0010	-0.1050	-9.79E-8	-1.40E-6	3.23E-6
	CC5	0.0039	-0.0010	-0.1050	-9.79E-8	-1.40E-6	3.23E-6
	CC6	0.0454	0.0760	-0.1547	-1.27E-5	-1.80E-4	9.72E-5
	CC7	0.0450	0.0731	-0.1549	-1.28E-5	-1.81E-4	9.41E-5
	CC8	0.0466	0.0238	-0.1667	-1.63E-5	-2.32E-4	1.95E-5
	CC9	0.0463	0.0209	-0.1668	-1.64E-5	-2.33E-4	1.64E-5
	CC10	-0.0386	-0.0228	-0.0415	1.62E-5	2.30E-4	-9.73E-6
	CC11	-0.0390	-0.0257	-0.0416	1.61E-5	2.29E-4	-1.28E-5
	CC12	-0.0373	-0.0750	-0.0534	1.26E-5	1.79E-4	-8.74E-5
	CC13	-0.0377	-0.0779	-0.0536	1.25E-5	1.78E-4	-9.05E-5
	CC14	0.0149	0.1053	-0.1010	1.76E-6	2.49E-5	1.54E-4
	CC15	0.0137	0.0965	-0.1013	1.49E-6	2.10E-5	1.44E-4
	CC16	-0.0103	0.0756	-0.0670	1.04E-5	1.48E-4	1.21E-4
	CC17	-0.0114	0.0669	-0.0674	1.01E-5	1.44E-4	1.12E-4
	CC18	0.0191	-0.0688	-0.1409	-1.03E-5	-1.47E-4	-1.05E-4
	CC19	0.0180	-0.0775	-0.1413	-1.06E-5	-1.51E-4	-1.15E-4
	CC20	-0.0061	-0.0984	-0.1069	-1.67E-6	-2.37E-5	-1.38E-4
	CC21	-0.0072	-0.1072	-0.1073	-1.94E-6	-2.75E-5	-1.47E-4
614	CC1	0.0033	-0.0009	-0.1070	-3.56E-7	-5.09E-6	-2.02E-5
	CC2	0.0033	-0.0009	-0.1070	-3.56E-7	-5.09E-6	-2.02E-5
	CC3	0.0033	-0.0009	-0.1070	-3.56E-7	-5.09E-6	-2.02E-5
	CC4	0.0033	-0.0008	-0.1046	-3.46E-7	-4.94E-6	-1.96E-5
	CC5	0.0033	-0.0008	-0.1046	-3.46E-7	-4.94E-6	-1.96E-5
	CC6	0.0465	0.0760	-0.1708	-1.35E-5	-1.92E-4	-6.60E-5
	CC7	0.0460	0.0731	-0.1701	-1.36E-5	-1.94E-4	-6.63E-5
	CC8	0.0427	0.0240	-0.1624	-1.74E-5	-2.48E-4	-1.07E-4
	CC9	0.0422	0.0211	-0.1617	-1.76E-5	-2.50E-4	-1.07E-4
	CC10	-0.0357	-0.0227	-0.0460	1.69E-5	2.40E-4	6.87E-5
	CC11	-0.0362	-0.0256	-0.0453	1.68E-5	2.38E-4	6.84E-5
	CC12	-0.0396	-0.0747	-0.0376	1.29E-5	1.84E-4	2.75E-5
	CC13	-0.0401	-0.0776	-0.0369	1.28E-5	1.83E-4	2.72E-5
	CC14	0.0227	0.1051	-0.1376	1.81E-6	2.55E-5	2.94E-5
	CC15	0.0212	0.0963	-0.1356	1.46E-6	2.06E-5	2.87E-5
	CC16	-0.0020	0.0755	-0.1002	1.09E-5	1.55E-4	6.98E-5
	CC17	-0.0035	0.0667	-0.0982	1.06E-5	1.50E-4	6.91E-5
	CC18	0.0099	-0.0683	-0.1095	-1.13E-5	-1.60E-4	-1.08E-4
	CC19	0.0084	-0.0770	-0.1075	-1.16E-5	-1.65E-4	-1.09E-4
	CC20	-0.0148	-0.0979	-0.0721	-2.15E-6	-3.04E-5	-6.75E-5
	CC21	-0.0163	-0.1066	-0.0701	-2.49E-6	-3.53E-5	-6.82E-5
615	CC1	0.0027	-0.0014	-0.1079	-1.91E-5	2.10E-5	-4.94E-6
	CC2	0.0027	-0.0014	-0.1079	-1.91E-5	2.10E-5	-4.94E-6
	CC3	0.0027	-0.0014	-0.1079	-1.91E-5	2.10E-5	-4.94E-6
	CC4	0.0027	-0.0013	-0.1056	-1.85E-5	2.07E-5	-4.60E-6
	CC5	0.0027	-0.0013	-0.1056	-1.85E-5	2.07E-5	-4.60E-6
	CC6	0.0629	0.1118	-0.1768	2.22E-4	-1.60E-4	-2.09E-5
	CC7	0.0624	0.1076	-0.1761	2.14E-4	-1.61E-4	-2.12E-5
	CC8	0.0623	0.0329	-0.1661	1.29E-5	-2.10E-4	-7.24E-5
	CC9	0.0619	0.0287	-0.1653	5.26E-6	-2.12E-4	-7.27E-5
	CC10	-0.0566	-0.0311	-0.0442	-4.19E-5	2.53E-4	6.38E-5
	CC11	-0.0570	-0.0353	-0.0434	-4.96E-5	2.52E-4	6.34E-5
	CC12	-0.0572	-0.1100	-0.0335	-2.51E-4	2.02E-4	1.23E-5
	CC13	-0.0576	-0.1142	-0.0327	-2.58E-4	2.01E-4	1.19E-5
	CC14	0.0222	0.1581	-0.1438	3.81E-4	4.52E-5	6.92E-5
	CC15	0.0209	0.1454	-0.1414	3.57E-4	4.15E-5	6.82E-5

	CC16	-0.0137	0.1152	-0.1040	3.02E-4	1.69E-4	9.46E-5
	CC17	-0.0150	0.1025	-0.1016	2.78E-4	1.65E-4	9.35E-5
	CC18	0.0202	-0.1050	-0.1079	-3.15E-4	-1.24E-4	-1.03E-4
	CC19	0.0189	-0.1177	-0.1055	-3.38E-4	-1.28E-4	-1.04E-4
	CC20	-0.0156	-0.1478	-0.0681	-3.94E-4	-2.71E-7	-7.71E-5
	CC21	-0.0169	-0.1606	-0.0657	-4.17E-4	-3.99E-6	-7.82E-5
616	CC1	-0.0015	-0.0032	-0.0905	0.00E+0	-5.05E-6	4.40E-6
	CC2	-0.0015	-0.0032	-0.0905	0.00E+0	-5.05E-6	4.40E-6
	CC3	-0.0015	-0.0032	-0.0905	0.00E+0	-5.05E-6	4.40E-6
	CC4	-0.0015	-0.0030	-0.0884	0.00E+0	-4.81E-6	4.17E-6
	CC5	-0.0015	-0.0030	-0.0884	0.00E+0	-4.81E-6	4.17E-6
	CC6	0.1046	-0.1878	-0.0512	1.41E-29	-3.13E-4	-8.72E-5
	CC7	0.1038	-0.1787	-0.0530	1.41E-29	-3.10E-4	-8.33E-5
	CC8	0.1067	-0.2934	-0.0292	5.27E-3	-3.26E-4	-7.60E-5
	CC9	0.1059	-0.2843	-0.0311	5.27E-3	-3.24E-4	-7.21E-5
	CC10	-0.1088	0.2784	-0.1444	-5.27E-3	3.14E-4	8.03E-5
	CC11	-0.1096	0.2875	-0.1463	-5.27E-3	3.17E-4	8.42E-5
	CC12	-0.1067	0.1728	-0.1225	-1.41E-29	3.01E-4	9.15E-5
	CC13	-0.1075	0.1819	-0.1243	-1.41E-29	3.03E-4	9.54E-5
	CC14	0.0282	0.0894	-0.1075	1.75E-29	-8.00E-5	-4.56E-5
	CC15	0.0259	0.1170	-0.1131	1.75E-29	-7.20E-5	-3.38E-5
	CC16	-0.0358	0.2292	-0.1355	1.17E-29	1.08E-4	4.66E-6
	CC17	-0.0382	0.2568	-0.1410	1.17E-29	1.16E-4	1.65E-5
	CC18	0.0352	-0.2627	-0.0345	-1.17E-29	-1.26E-4	-8.29E-6
	CC19	0.0329	-0.2351	-0.0400	-1.17E-29	-1.18E-4	3.53E-6
	CC20	-0.0288	-0.1229	-0.0624	-1.75E-29	6.25E-5	4.20E-5
	CC21	-0.0311	-0.0953	-0.0680	-1.75E-29	7.05E-5	5.38E-5
617	CC1	-0.0018	-0.0034	-0.0920	0.00E+0	-4.59E-6	2.25E-6
	CC2	-0.0018	-0.0034	-0.0920	0.00E+0	-4.59E-6	2.25E-6
	CC3	-0.0018	-0.0034	-0.0920	0.00E+0	-4.59E-6	2.25E-6
	CC4	-0.0018	-0.0032	-0.0898	0.00E+0	-4.40E-6	2.10E-6
	CC5	-0.0018	-0.0032	-0.0898	0.00E+0	-4.40E-6	2.10E-6
	CC6	0.1085	-0.1874	-0.0838	1.30E-29	-3.28E-4	-8.80E-5
	CC7	0.1074	-0.1783	-0.0837	1.30E-29	-3.24E-4	-8.42E-5
	CC8	0.1073	-0.2927	-0.0857	4.84E-3	-3.39E-4	-7.60E-5
	CC9	0.1062	-0.2836	-0.0855	4.84E-3	-3.35E-4	-7.22E-5
	CC10	-0.1097	0.2774	-0.0926	-4.84E-3	3.27E-4	7.63E-5
	CC11	-0.1108	0.2865	-0.0924	-4.84E-3	3.31E-4	8.01E-5
	CC12	-0.1109	0.1721	-0.0944	-1.30E-29	3.16E-4	8.83E-5
	CC13	-0.1120	0.1812	-0.0943	-1.30E-29	3.20E-4	9.21E-5
	CC14	0.0348	0.0890	-0.0848	1.62E-29	-9.03E-5	-4.84E-5
	CC15	0.0313	0.1165	-0.0844	1.62E-29	-7.82E-5	-3.69E-5
	CC16	-0.0307	0.2284	-0.0874	1.09E-29	1.06E-4	8.54E-7
	CC17	-0.0341	0.2559	-0.0870	1.09E-29	1.18E-4	1.24E-5
	CC18	0.0306	-0.2621	-0.0911	-1.09E-29	-1.27E-4	-8.28E-6
	CC19	0.0272	-0.2346	-0.0907	-1.09E-29	-1.15E-4	3.24E-6
	CC20	-0.0348	-0.1227	-0.0937	-1.62E-29	6.95E-5	4.10E-5
	CC21	-0.0383	-0.0952	-0.0933	-1.62E-29	8.16E-5	5.25E-5
618	CC1	-0.0002	-0.0061	-0.0920	0.00E+0	-1.29E-5	2.61E-6
	CC2	-0.0002	-0.0061	-0.0920	0.00E+0	-1.29E-5	2.61E-6
	CC3	-0.0002	-0.0061	-0.0920	0.00E+0	-1.29E-5	2.61E-6
	CC4	-0.0002	-0.0057	-0.0899	0.00E+0	-1.21E-5	2.46E-6
	CC5	-0.0002	-0.0057	-0.0899	0.00E+0	-1.21E-5	2.46E-6
	CC6	0.1601	-0.2852	-0.0485	5.10E-3	-3.16E-4	-1.49E-4
	CC7	0.1589	-0.2712	-0.0506	5.10E-3	-3.14E-4	-1.42E-4
	CC8	0.1649	-0.4532	-0.0236	1.94E-3	-3.32E-4	-1.28E-4
	CC9	0.1637	-0.4392	-0.0257	1.94E-3	-3.29E-4	-1.21E-4
	CC10	-0.1641	0.4281	-0.1526	-1.94E-3	3.06E-4	1.26E-4
	CC11	-0.1654	0.4420	-0.1547	-1.94E-3	3.08E-4	1.33E-4
	CC12	-0.1593	0.2600	-0.1277	-5.10E-3	2.90E-4	1.47E-4
	CC13	-0.1606	0.2740	-0.1298	-5.10E-3	2.93E-4	1.53E-4
	CC14	0.0423	0.1463	-0.1119	6.33E-3	-8.33E-5	-8.32E-5
	CC15	0.0385	0.1887	-0.1181	6.33E-3	-7.52E-5	-6.38E-5
	CC16	-0.0550	0.3602	-0.1431	4.22E-3	1.03E-4	-8.08E-7
	CC17	-0.0588	0.4027	-0.1493	4.22E-3	1.11E-4	1.87E-5
	CC18	0.0583	-0.4138	-0.0290	-4.22E-3	-1.35E-4	-1.38E-5
	CC19	0.0545	-0.3714	-0.0352	-4.22E-3	-1.27E-4	5.62E-6
	CC20	-0.0389	-0.1999	-0.0602	-6.33E-3	5.14E-5	6.86E-5
	CC21	-0.0427	-0.1574	-0.0664	-6.33E-3	5.96E-5	8.81E-5
619	CC1	-0.0011	-0.0046	-0.0913	0.00E+0	-6.15E-6	4.22E-6
	CC2	-0.0011	-0.0046	-0.0913	0.00E+0	-6.15E-6	4.22E-6
	CC3	-0.0011	-0.0046	-0.0913	0.00E+0	-6.15E-6	4.22E-6

	CC4	-0.0010	-0.0043	-0.0892	0.00E+0	-5.93E-6	3.95E-6
	CC5	-0.0010	-0.0043	-0.0892	0.00E+0	-5.93E-6	3.95E-6
	CC6	0.1324	-0.2353	-0.0495	4.64E-29	-3.19E-4	-1.19E-4
	CC7	0.1314	-0.2238	-0.0514	4.64E-29	-3.16E-4	-1.13E-4
	CC8	0.1359	-0.3712	-0.0259	1.71E-29	-3.35E-4	-1.03E-4
	CC9	0.1348	-0.3597	-0.0278	1.71E-29	-3.33E-4	-9.82E-5
	CC10	-0.1368	0.3514	-0.1491	-1.71E-29	3.21E-4	1.06E-4
	CC11	-0.1379	0.3629	-0.1511	-1.71E-29	3.24E-4	1.11E-4
	CC12	-0.1334	0.2155	-0.1255	-4.64E-29	3.04E-4	1.21E-4
	CC13	-0.1344	0.2270	-0.1275	-4.64E-29	3.07E-4	1.26E-4
	CC14	0.0352	0.1170	-0.1099	5.82E-29	-7.85E-5	-6.29E-5
	CC15	0.0321	0.1518	-0.1159	5.82E-29	-7.00E-5	-4.71E-5
	CC16	-0.0456	0.2930	-0.1398	3.92E-29	1.13E-4	4.40E-6
	CC17	-0.0486	0.3278	-0.1458	3.92E-29	1.22E-4	2.03E-5
	CC18	0.0466	-0.3361	-0.0312	-3.92E-29	-1.34E-4	-1.25E-5
	CC19	0.0436	-0.3013	-0.0372	-3.92E-29	-1.25E-4	3.32E-6
	CC20	-0.0342	-0.1601	-0.0611	-5.82E-29	5.83E-5	5.48E-5
	CC21	-0.0372	-0.1253	-0.0671	-5.82E-29	6.68E-5	7.06E-5
620	CC1	-0.0015	-0.0047	-0.0930	0.00E+0	-3.64E-6	4.77E-6
	CC2	-0.0015	-0.0047	-0.0930	0.00E+0	-3.64E-6	4.77E-6
	CC3	-0.0015	-0.0047	-0.0930	0.00E+0	-3.64E-6	4.77E-6
	CC4	-0.0014	-0.0043	-0.0908	0.00E+0	-3.68E-6	4.41E-6
	CC5	-0.0014	-0.0043	-0.0908	0.00E+0	-3.68E-6	4.41E-6
	CC6	0.1368	-0.2354	-0.0831	3.90E-29	-3.40E-4	-1.19E-4
	CC7	0.1353	-0.2240	-0.0829	3.90E-29	-3.36E-4	-1.13E-4
	CC8	0.1391	-0.3714	-0.0858	1.47E-29	-3.54E-4	-1.04E-4
	CC9	0.1375	-0.3599	-0.0856	1.47E-29	-3.49E-4	-9.86E-5
	CC10	-0.1404	0.3515	-0.0944	-1.47E-29	3.42E-4	1.07E-4
	CC11	-0.1419	0.3629	-0.0942	-1.47E-29	3.46E-4	1.12E-4
	CC12	-0.1381	0.2155	-0.0971	-3.90E-29	3.28E-4	1.22E-4
	CC13	-0.1396	0.2270	-0.0969	-3.90E-29	3.33E-4	1.27E-4
	CC14	0.0387	0.1170	-0.0841	4.85E-29	-9.08E-5	-6.22E-5
	CC15	0.0341	0.1518	-0.0835	4.85E-29	-7.73E-5	-4.64E-5
	CC16	-0.0444	0.2930	-0.0875	3.24E-29	1.14E-4	5.55E-6
	CC17	-0.0490	0.3279	-0.0869	3.24E-29	1.27E-4	2.13E-5
	CC18	0.0462	-0.3363	-0.0931	-3.24E-29	-1.35E-4	-1.27E-5
	CC19	0.0416	-0.3015	-0.0925	-3.24E-29	-1.21E-4	3.04E-6
	CC20	-0.0369	-0.1603	-0.0965	-4.85E-29	6.99E-5	5.50E-5
	CC21	-0.0415	-0.1254	-0.0959	-4.85E-29	8.34E-5	7.08E-5
621	CC1	-0.0007	-0.0061	-0.0938	0.00E+0	-1.49E-5	7.24E-6
	CC2	-0.0007	-0.0061	-0.0938	0.00E+0	-1.49E-5	7.24E-6
	CC3	-0.0007	-0.0061	-0.0938	0.00E+0	-1.49E-5	7.24E-6
	CC4	-0.0007	-0.0057	-0.0916	0.00E+0	-1.39E-5	6.67E-6
	CC5	-0.0007	-0.0057	-0.0916	0.00E+0	-1.39E-5	6.67E-6
	CC6	0.1661	-0.2858	-0.0816	3.96E-29	-3.31E-4	-1.49E-4
	CC7	0.1643	-0.2717	-0.0813	3.96E-29	-3.27E-4	-1.42E-4
	CC8	0.1693	-0.4542	-0.0854	1.53E-29	-3.39E-4	-1.30E-4
	CC9	0.1674	-0.4402	-0.0851	1.53E-29	-3.35E-4	-1.24E-4
	CC10	-0.1687	0.4291	-0.0965	-1.53E-29	3.08E-4	1.37E-4
	CC11	-0.1706	0.4431	-0.0963	-1.53E-29	3.12E-4	1.43E-4
	CC12	-0.1656	0.2606	-0.1003	-3.96E-29	3.00E-4	1.55E-4
	CC13	-0.1675	0.2747	-0.1001	-3.96E-29	3.04E-4	1.62E-4
	CC14	0.0472	0.1467	-0.0827	4.87E-29	-1.02E-4	-7.73E-5
	CC15	0.0415	0.1892	-0.0818	4.87E-29	-9.04E-5	-5.72E-5
	CC16	-0.0532	0.3611	-0.0871	3.22E-29	8.97E-5	8.33E-6
	CC17	-0.0589	0.4037	-0.0863	3.22E-29	1.01E-4	2.84E-5
	CC18	0.0576	-0.4148	-0.0953	-3.22E-29	-1.28E-4	-1.54E-5
	CC19	0.0519	-0.3722	-0.0945	-3.22E-29	-1.17E-4	4.62E-6
	CC20	-0.0428	-0.2003	-0.0998	-4.87E-29	6.31E-5	7.02E-5
	CC21	-0.0485	-0.1578	-0.0990	-4.87E-29	7.46E-5	9.02E-5
622	CC1	-0.0023	-0.0037	-0.0929	-1.51E-5	-2.33E-6	2.90E-7
	CC2	-0.0023	-0.0037	-0.0929	-1.51E-5	-2.33E-6	2.90E-7
	CC3	-0.0023	-0.0037	-0.0929	-1.51E-5	-2.33E-6	2.90E-7
	CC4	-0.0022	-0.0035	-0.0906	-1.41E-5	-2.18E-6	4.07E-7
	CC5	-0.0022	-0.0035	-0.0906	-1.41E-5	-2.18E-6	4.07E-7
	CC6	0.1117	-0.1943	-0.0163	-5.44E-4	-8.38E-5	-1.17E-4
	CC7	0.1101	-0.1850	-0.0141	-5.17E-4	-7.97E-5	-1.12E-4
	CC8	0.1101	-0.2990	-0.0459	-8.66E-4	-1.33E-4	-1.22E-4
	CC9	0.1086	-0.2896	-0.0437	-8.39E-4	-1.29E-4	-1.17E-4
	CC10	-0.1129	0.2828	-0.1361	8.11E-4	1.25E-4	1.18E-4
	CC11	-0.1145	0.2921	-0.1338	8.38E-4	1.29E-4	1.23E-4
	CC12	-0.1145	0.1781	-0.1657	4.90E-4	7.54E-5	1.13E-4

	CC13	-0.1160	0.1875	-0.1634	5.16E-4	7.95E-5	1.18E-4
	CC14	0.0364	0.0853	-0.0260	2.79E-4	4.29E-5	-3.38E-5
	CC15	0.0318	0.1137	-0.0191	3.60E-4	5.54E-5	-1.80E-5
	CC16	-0.0309	0.2284	-0.0620	6.85E-4	1.06E-4	3.67E-5
	CC17	-0.0356	0.2568	-0.0551	7.66E-4	1.18E-4	5.26E-5
	CC18	0.0313	-0.2636	-0.1247	-7.94E-4	-1.22E-4	-5.17E-5
	CC19	0.0266	-0.2352	-0.1178	-7.13E-4	-1.10E-4	-3.58E-5
	CC20	-0.0361	-0.1205	-0.1606	-3.87E-4	-5.96E-5	1.88E-5
	CC21	-0.0408	-0.0921	-0.1538	-3.06E-4	-4.72E-5	3.47E-5
623	CC1	-0.0019	-0.0049	-0.0939	-1.26E-5	-1.93E-6	-3.06E-6
	CC2	-0.0019	-0.0049	-0.0939	-1.26E-5	-1.93E-6	-3.06E-6
	CC3	-0.0019	-0.0049	-0.0939	-1.26E-5	-1.93E-6	-3.06E-6
	CC4	-0.0018	-0.0046	-0.0917	-1.16E-5	-1.79E-6	-2.82E-6
	CC5	-0.0018	-0.0046	-0.0917	-1.16E-5	-1.79E-6	-2.82E-6
	CC6	0.1421	-0.2442	-0.1422	-6.07E-4	-9.34E-5	-1.17E-4
	CC7	0.1401	-0.2324	-0.1396	-5.76E-4	-8.88E-5	-1.13E-4
	CC8	0.1407	-0.3796	-0.1758	-9.70E-4	-1.49E-4	-9.68E-5
	CC9	0.1387	-0.3678	-0.1732	-9.40E-4	-1.45E-4	-9.20E-5
	CC10	-0.1422	0.3588	-0.0086	9.18E-4	1.41E-4	8.66E-5
	CC11	-0.1442	0.3707	-0.0060	9.48E-4	1.46E-4	9.13E-5
	CC12	-0.1436	0.2235	-0.0422	5.54E-4	8.53E-5	1.07E-4
	CC13	-0.1456	0.2353	-0.0396	5.84E-4	9.00E-5	1.12E-4
	CC14	0.0463	0.1127	-0.0588	3.21E-4	4.94E-5	-7.48E-5
	CC15	0.0401	0.1486	-0.0510	4.12E-4	6.35E-5	-6.03E-5
	CC16	-0.0390	0.2936	-0.0187	7.78E-4	1.20E-4	-1.37E-5
	CC17	-0.0452	0.3296	-0.0110	8.69E-4	1.34E-4	8.52E-7
	CC18	0.0417	-0.3385	-0.1708	-8.92E-4	-1.37E-4	-6.32E-6
	CC19	0.0356	-0.3025	-0.1631	-8.01E-4	-1.23E-4	8.18E-6
	CC20	-0.0436	-0.1576	-0.1307	-4.35E-4	-6.70E-5	5.49E-5
	CC21	-0.0497	-0.1216	-0.1230	-3.43E-4	-5.29E-5	6.94E-5
624	CC1	-0.0010	-0.0062	-0.0948	-1.97E-5	-3.04E-6	-6.84E-6
	CC2	-0.0010	-0.0062	-0.0948	-1.97E-5	-3.04E-6	-6.84E-6
	CC3	-0.0010	-0.0062	-0.0948	-1.97E-5	-3.04E-6	-6.84E-6
	CC4	-0.0009	-0.0058	-0.0925	-1.85E-5	-2.85E-6	-6.48E-6
	CC5	-0.0009	-0.0058	-0.0925	-1.85E-5	-2.85E-6	-6.48E-6
	CC6	0.1729	-0.2970	-0.1467	-6.10E-4	-9.39E-5	-1.20E-4
	CC7	0.1704	-0.2825	-0.1439	-5.80E-4	-8.93E-5	-1.16E-4
	CC8	0.1718	-0.4649	-0.1834	-9.74E-4	-1.50E-4	-7.64E-5
	CC9	0.1693	-0.4504	-0.1806	-9.44E-4	-1.45E-4	-7.20E-5
	CC10	-0.1712	0.4391	-0.0028	9.08E-4	1.40E-4	5.93E-5
	CC11	-0.1737	0.4536	0.0000	9.38E-4	1.45E-4	6.37E-5
	CC12	-0.1723	0.2712	-0.0395	5.43E-4	8.37E-5	1.03E-4
	CC13	-0.1748	0.2857	-0.0367	5.74E-4	8.84E-5	1.07E-4
	CC14	0.0563	0.1418	-0.0564	3.16E-4	4.87E-5	-1.13E-4
	CC15	0.0487	0.1858	-0.0480	4.08E-4	6.28E-5	-9.96E-5
	CC16	-0.0469	0.3627	-0.0132	7.71E-4	1.19E-4	-5.91E-5
	CC17	-0.0545	0.4067	-0.0048	8.63E-4	1.33E-4	-4.57E-5
	CC18	0.0527	-0.4179	-0.1786	-8.99E-4	-1.39E-4	3.30E-5
	CC19	0.0451	-0.3739	-0.1702	-8.08E-4	-1.24E-4	4.64E-5
	CC20	-0.0506	-0.1971	-0.1354	-4.44E-4	-6.84E-5	8.68E-5
	CC21	-0.0582	-0.1531	-0.1270	-3.52E-4	-5.43E-5	1.00E-4
625	CC1	-0.0014	-0.0033	-0.0888	-1.47E-5	-2.26E-6	-3.30E-6
	CC2	-0.0014	-0.0033	-0.0888	-1.47E-5	-2.26E-6	-3.30E-6
	CC3	-0.0014	-0.0033	-0.0888	-1.47E-5	-2.26E-6	-3.30E-6
	CC4	-0.0013	-0.0031	-0.0868	-1.38E-5	-2.11E-6	-2.98E-6
	CC5	-0.0013	-0.0031	-0.0868	-1.38E-5	-2.11E-6	-2.98E-6
	CC6	0.1017	-0.1949	-0.0094	-5.33E-4	-8.19E-5	-1.04E-4
	CC7	0.1012	-0.1855	-0.0132	-5.07E-4	-7.79E-5	-1.00E-4
	CC8	0.1050	-0.3001	0.0358	-8.58E-4	-1.32E-4	-9.96E-5
	CC9	0.1045	-0.2907	0.0320	-8.32E-4	-1.28E-4	-9.52E-5
	CC10	-0.1072	0.2847	-0.2043	8.05E-4	1.24E-4	8.95E-5
	CC11	-0.1077	0.2941	-0.2081	8.31E-4	1.28E-4	9.39E-5
	CC12	-0.1039	0.1795	-0.1591	4.80E-4	7.37E-5	9.42E-5
	CC13	-0.1043	0.1889	-0.1630	5.07E-4	7.78E-5	9.86E-5
	CC14	0.0252	0.0862	-0.1263	2.87E-4	4.41E-5	-4.66E-5
	CC15	0.0238	0.1147	-0.1381	3.67E-4	5.63E-5	-3.32E-5
	CC16	-0.0375	0.2300	-0.1848	6.89E-4	1.06E-4	1.16E-5
	CC17	-0.0389	0.2586	-0.1965	7.69E-4	1.18E-4	2.49E-5
	CC18	0.0362	-0.2646	0.0242	-7.95E-4	-1.22E-4	-3.07E-5
	CC19	0.0348	-0.2360	0.0125	-7.16E-4	-1.10E-4	-1.73E-5
	CC20	-0.0264	-0.1207	-0.0342	-3.94E-4	-6.05E-5	2.75E-5
	CC21	-0.0278	-0.0922	-0.0460	-3.14E-4	-4.82E-5	4.08E-5

626	CC1	-0.0009	-0.0046	-0.0893	-1.65E-5	-2.53E-6	-3.05E-6
	CC2	-0.0009	-0.0046	-0.0893	-1.65E-5	-2.53E-6	-3.05E-6
	CC3	-0.0009	-0.0046	-0.0893	-1.65E-5	-2.53E-6	-3.05E-6
	CC4	-0.0009	-0.0043	-0.0873	-1.55E-5	-2.37E-6	-2.79E-6
	CC5	-0.0009	-0.0043	-0.0873	-1.55E-5	-2.37E-6	-2.79E-6
	CC6	0.1281	-0.2439	-0.0043	-5.71E-4	-8.76E-5	-1.23E-4
	CC7	0.1275	-0.2320	-0.0084	-5.43E-4	-8.33E-5	-1.17E-4
	CC8	0.1332	-0.3791	0.0449	-9.22E-4	-1.42E-4	-1.06E-4
	CC9	0.1326	-0.3672	0.0408	-8.93E-4	-1.37E-4	-1.01E-4
	CC10	-0.1343	0.3588	-0.2140	8.63E-4	1.33E-4	9.51E-5
	CC11	-0.1349	0.3706	-0.2182	8.92E-4	1.37E-4	1.00E-4
	CC12	-0.1292	0.2236	-0.1648	5.12E-4	7.86E-5	1.12E-4
	CC13	-0.1298	0.2354	-0.1690	5.41E-4	8.30E-5	1.17E-4
	CC14	0.0310	0.1128	-0.1309	3.12E-4	4.79E-5	-7.13E-5
	CC15	0.0291	0.1487	-0.1435	3.98E-4	6.10E-5	-5.59E-5
	CC16	-0.0478	0.2936	-0.1938	7.42E-4	1.14E-4	-6.01E-6
	CC17	-0.0496	0.3295	-0.2064	8.28E-4	1.27E-4	9.38E-6
	CC18	0.0479	-0.3379	0.0332	-8.58E-4	-1.32E-4	-1.48E-5
	CC19	0.0461	-0.3020	0.0206	-7.72E-4	-1.19E-4	5.93E-7
	CC20	-0.0308	-0.1571	-0.0298	-4.28E-4	-6.57E-5	5.05E-5
	CC21	-0.0326	-0.1212	-0.0424	-3.42E-4	-5.25E-5	6.59E-5
627	CC1	-0.0001	-0.0061	-0.0896	-1.95E-5	-3.00E-6	-2.14E-6
	CC2	-0.0001	-0.0061	-0.0896	-1.95E-5	-3.00E-6	-2.14E-6
	CC3	-0.0001	-0.0061	-0.0896	-1.95E-5	-3.00E-6	-2.14E-6
	CC4	-0.0001	-0.0057	-0.0876	-1.83E-5	-2.82E-6	-1.97E-6
	CC5	-0.0001	-0.0057	-0.0876	-1.83E-5	-2.82E-6	-1.97E-6
	CC6	0.1548	-0.2955	-0.0006	-5.96E-4	-9.15E-5	-1.44E-4
	CC7	0.1541	-0.2810	-0.0049	-5.67E-4	-8.70E-5	-1.39E-4
	CC8	0.1616	-0.4625	0.0517	-9.64E-4	-1.48E-4	-1.19E-4
	CC9	0.1609	-0.4481	0.0474	-9.35E-4	-1.43E-4	-1.13E-4
	CC10	-0.1611	0.4369	-0.2213	8.99E-4	1.38E-4	1.09E-4
	CC11	-0.1618	0.4513	-0.2257	9.28E-4	1.43E-4	1.15E-4
	CC12	-0.1542	0.2699	-0.1690	5.31E-4	8.15E-5	1.35E-4
	CC13	-0.1550	0.2843	-0.1734	5.60E-4	8.60E-5	1.41E-4
	CC14	0.0370	0.1410	-0.1344	3.26E-4	5.01E-5	-9.22E-5
	CC15	0.0348	0.1848	-0.1477	4.16E-4	6.39E-5	-7.41E-5
	CC16	-0.0577	0.3607	-0.2006	7.75E-4	1.19E-4	-1.63E-5
	CC17	-0.0600	0.4045	-0.2139	8.64E-4	1.33E-4	1.83E-6
	CC18	0.0598	-0.4157	0.0399	-9.00E-4	-1.38E-4	-5.66E-6
	CC19	0.0576	-0.3719	0.0267	-8.10E-4	-1.24E-4	1.24E-5
	CC20	-0.0350	-0.1960	-0.0263	-4.52E-4	-6.94E-5	7.03E-5
	CC21	-0.0372	-0.1522	-0.0396	-3.62E-4	-5.56E-5	8.84E-5
628	CC1	0.0007	-0.0072	-0.1130	-1.90E-5	0.00E+0	2.29E-6
	CC2	0.0007	-0.0072	-0.1130	-1.90E-5	0.00E+0	2.29E-6
	CC3	0.0007	-0.0072	-0.1130	-1.90E-5	0.00E+0	2.29E-6
	CC4	0.0007	-0.0067	-0.1088	-1.76E-5	0.00E+0	2.28E-6
	CC5	0.0007	-0.0067	-0.1088	-1.76E-5	0.00E+0	2.28E-6
	CC6	0.1789	-0.0048	-0.0616	3.15E-5	3.12E-29	-1.44E-4
	CC7	0.1764	-0.0026	-0.0618	3.52E-5	3.12E-29	-1.38E-4
	CC8	0.1780	-0.2177	-0.0680	-4.62E-4	1.16E-29	-1.22E-4
	CC9	0.1754	-0.2155	-0.0683	-4.59E-4	1.16E-29	-1.16E-4
	CC10	-0.1740	0.2023	-0.1464	4.24E-4	-1.16E-29	1.21E-4
	CC11	-0.1765	0.2045	-0.1467	4.28E-4	-1.16E-29	1.27E-4
	CC12	-0.1750	-0.0105	-0.1529	-6.95E-5	-3.12E-29	1.42E-4
	CC13	-0.1775	-0.0084	-0.1532	-6.58E-5	-3.12E-29	1.48E-4
	CC14	0.0591	0.3138	-0.0834	7.41E-4	3.90E-29	-8.27E-5
	CC15	0.0514	0.3204	-0.0843	7.53E-4	3.90E-29	-6.39E-5
	CC16	-0.0468	0.3760	-0.1089	8.59E-4	2.62E-29	-3.28E-6
	CC17	-0.0544	0.3826	-0.1098	8.70E-4	2.62E-29	1.55E-5
	CC18	0.0559	-0.3957	-0.1050	-9.05E-4	-2.62E-29	-1.09E-5
	CC19	0.0482	-0.3892	-0.1058	-8.93E-4	-2.62E-29	7.84E-6
	CC20	-0.0500	-0.3336	-0.1304	-7.87E-4	-3.90E-29	6.84E-5
	CC21	-0.0577	-0.3270	-0.1313	-7.76E-4	-3.90E-29	8.72E-5
629	CC1	-0.0001	-0.0057	-0.1117	-1.54E-5	0.00E+0	2.25E-6
	CC2	-0.0001	-0.0057	-0.1117	-1.54E-5	0.00E+0	2.25E-6
	CC3	-0.0001	-0.0057	-0.1117	-1.54E-5	0.00E+0	2.25E-6
	CC4	0.0000	-0.0053	-0.1075	-1.45E-5	0.00E+0	2.22E-6
	CC5	0.0000	-0.0053	-0.1075	-1.45E-5	0.00E+0	2.22E-6
	CC6	0.1440	-0.0086	-0.0670	3.48E-5	1.39E-29	-1.17E-4
	CC7	0.1421	-0.0068	-0.0672	3.79E-5	1.39E-29	-1.12E-4
	CC8	0.1430	-0.1796	-0.0733	-4.34E-4	5.24E-3	-9.97E-5
	CC9	0.1410	-0.1777	-0.0735	-4.31E-4	5.24E-3	-9.46E-5

	CC10	-0.1410	0.1673	-0.1387	4.02E-4	-5.24E-3	9.90E-5
	CC11	-0.1430	0.1692	-0.1389	4.05E-4	-5.24E-3	1.04E-4
	CC12	-0.1421	-0.0037	-0.1449	-6.62E-5	-1.39E-29	1.16E-4
	CC13	-0.1441	-0.0018	-0.1451	-6.31E-5	-1.39E-29	1.22E-4
	CC14	0.0475	0.2505	-0.0846	7.07E-4	1.74E-29	-6.70E-5
	CC15	0.0415	0.2562	-0.0852	7.16E-4	1.74E-29	-5.16E-5
	CC16	-0.0380	0.3033	-0.1061	8.17E-4	1.16E-29	-2.18E-6
	CC17	-0.0441	0.3090	-0.1067	8.26E-4	1.16E-29	1.33E-5
	CC18	0.0440	-0.3194	-0.1054	-8.55E-4	-1.16E-29	-8.85E-6
	CC19	0.0379	-0.3137	-0.1060	-8.45E-4	-1.16E-29	6.59E-6
	CC20	-0.0415	-0.2666	-0.1269	-7.44E-4	-1.74E-29	5.60E-5
	CC21	-0.0476	-0.2609	-0.1275	-7.35E-4	-1.74E-29	7.14E-5
630	CC1	-0.0009	-0.0042	-0.1097	-1.71E-5	0.00E+0	2.04E-6
	CC2	-0.0009	-0.0042	-0.1097	-1.71E-5	0.00E+0	2.04E-6
	CC3	-0.0009	-0.0042	-0.1097	-1.71E-5	0.00E+0	2.04E-6
	CC4	-0.0008	-0.0040	-0.1056	-1.61E-5	0.00E+0	1.98E-6
	CC5	-0.0008	-0.0040	-0.1056	-1.61E-5	0.00E+0	1.98E-6
	CC6	0.1085	-0.0117	-0.0660	1.77E-5	1.48E-29	-8.96E-5
	CC7	0.1070	-0.0101	-0.0662	2.10E-5	1.48E-29	-8.57E-5
	CC8	0.1074	-0.1425	-0.0721	-4.26E-4	5.61E-3	-7.85E-5
	CC9	0.1059	-0.1408	-0.0722	-4.22E-4	5.61E-3	-7.45E-5
	CC10	-0.1075	0.1331	-0.1363	3.91E-4	-5.61E-3	7.84E-5
	CC11	-0.1090	0.1347	-0.1364	3.94E-4	-5.61E-3	8.24E-5
	CC12	-0.1086	0.0023	-0.1423	-5.25E-5	-1.48E-29	8.96E-5
	CC13	-0.1101	0.0039	-0.1425	-4.93E-5	-1.48E-29	9.35E-5
	CC14	0.0357	0.1899	-0.0834	6.62E-4	1.84E-29	-4.77E-5
	CC15	0.0312	0.1948	-0.0840	6.72E-4	1.84E-29	-3.58E-5
	CC16	-0.0291	0.2333	-0.1044	7.74E-4	1.23E-29	2.66E-6
	CC17	-0.0336	0.2382	-0.1050	7.84E-4	1.23E-29	1.46E-5
	CC18	0.0320	-0.2460	-0.1035	-8.16E-4	-1.23E-29	-1.07E-5
	CC19	0.0275	-0.2411	-0.1041	-8.06E-4	-1.23E-29	1.26E-6
	CC20	-0.0328	-0.2026	-0.1245	-7.04E-4	-1.84E-29	3.98E-5
	CC21	-0.0373	-0.1977	-0.1251	-6.94E-4	-1.84E-29	5.17E-5
631	CC1	-0.0011	-0.0044	-0.1074	-1.77E-5	0.00E+0	1.85E-6
	CC2	-0.0011	-0.0044	-0.1074	-1.77E-5	0.00E+0	1.85E-6
	CC3	-0.0011	-0.0044	-0.1074	-1.77E-5	0.00E+0	1.85E-6
	CC4	-0.0010	-0.0041	-0.1035	-1.67E-5	0.00E+0	1.70E-6
	CC5	-0.0010	-0.0041	-0.1035	-1.67E-5	0.00E+0	1.70E-6
	CC6	0.1113	-0.0012	-0.0277	5.43E-5	2.17E-29	-9.72E-5
	CC7	0.1097	0.0000	-0.0285	5.59E-5	2.17E-29	-9.32E-5
	CC8	0.1101	-0.1335	-0.0339	-3.98E-4	8.25E-3	-8.32E-5
	CC9	0.1086	-0.1324	-0.0347	-3.96E-4	8.25E-3	-7.92E-5
	CC10	-0.1104	0.1243	-0.1698	3.64E-4	-8.25E-3	8.25E-5
	CC11	-0.1119	0.1255	-0.1705	3.65E-4	-8.25E-3	8.65E-5
	CC12	-0.1116	-0.0080	-0.1759	-8.85E-5	-2.17E-29	9.65E-5
	CC13	-0.1131	-0.0068	-0.1767	-8.69E-5	-2.17E-29	1.01E-4
	CC14	0.0365	0.1959	-0.0694	6.89E-4	2.70E-29	-5.48E-5
	CC15	0.0319	0.1994	-0.0717	6.94E-4	2.70E-29	-4.25E-5
	CC16	-0.0300	0.2336	-0.1120	7.81E-4	1.80E-29	-8.77E-7
	CC17	-0.0346	0.2371	-0.1143	7.86E-4	1.80E-29	1.14E-5
	CC18	0.0327	-0.2451	-0.0901	-8.19E-4	-1.80E-29	-8.14E-6
	CC19	0.0281	-0.2416	-0.0924	-8.14E-4	-1.80E-29	4.18E-6
	CC20	-0.0338	-0.2075	-0.1327	-7.26E-4	-2.70E-29	4.58E-5
	CC21	-0.0384	-0.2040	-0.1350	-7.21E-4	-2.70E-29	5.81E-5
632	CC1	-0.0008	-0.0059	-0.1085	-1.80E-5	0.00E+0	2.53E-6
	CC2	-0.0008	-0.0059	-0.1085	-1.80E-5	0.00E+0	2.53E-6
	CC3	-0.0008	-0.0059	-0.1085	-1.80E-5	0.00E+0	2.53E-6
	CC4	-0.0007	-0.0056	-0.1046	-1.69E-5	0.00E+0	2.35E-6
	CC5	-0.0007	-0.0056	-0.1046	-1.69E-5	0.00E+0	2.35E-6
	CC6	0.1419	0.0047	-0.0215	7.35E-5	2.31E-29	-1.20E-4
	CC7	0.1399	0.0060	-0.0223	7.49E-5	2.31E-29	-1.15E-4
	CC8	0.1408	-0.1684	-0.0279	-3.99E-4	8.73E-3	-1.01E-4
	CC9	0.1389	-0.1671	-0.0288	-3.98E-4	8.73E-3	-9.61E-5
	CC10	-0.1402	0.1561	-0.1777	3.65E-4	-8.73E-3	1.01E-4
	CC11	-0.1422	0.1574	-0.1786	3.66E-4	-8.73E-3	1.06E-4
	CC12	-0.1413	-0.0169	-0.1842	-1.08E-4	-2.31E-29	1.20E-4
	CC13	-0.1433	-0.0156	-0.1850	-1.07E-4	-2.31E-29	1.25E-4
	CC14	0.0465	0.2583	-0.0678	7.26E-4	2.87E-29	-7.06E-5
	CC15	0.0405	0.2622	-0.0704	7.30E-4	2.87E-29	-5.54E-5
	CC16	-0.0382	0.3037	-0.1147	8.13E-4	1.92E-29	-4.27E-6
	CC17	-0.0442	0.3076	-0.1173	8.17E-4	1.92E-29	1.09E-5
	CC18	0.0428	-0.3185	-0.0892	-8.50E-4	-1.92E-29	-6.33E-6

	CC19	0.0368	-0.3146	-0.0918	-8.46E-4	-1.92E-29	8.86E-6
	CC20	-0.0418	-0.2731	-0.1361	-7.63E-4	-2.87E-29	6.00E-5
	CC21	-0.0478	-0.2692	-0.1387	-7.59E-4	-2.87E-29	7.52E-5
633	CC1	-0.0004	-0.0076	-0.1098	-2.00E-5	0.00E+0	3.42E-6
	CC2	-0.0004	-0.0076	-0.1098	-2.00E-5	0.00E+0	3.42E-6
	CC3	-0.0004	-0.0076	-0.1098	-2.00E-5	0.00E+0	3.42E-6
	CC4	-0.0003	-0.0071	-0.1058	-1.87E-5	0.00E+0	3.22E-6
	CC5	-0.0003	-0.0071	-0.1058	-1.87E-5	0.00E+0	3.22E-6
	CC6	0.1744	0.0119	-0.0228	7.98E-5	3.47E-29	-1.42E-4
	CC7	0.1720	0.0134	-0.0236	8.16E-5	3.47E-29	-1.36E-4
	CC8	0.1734	-0.2035	-0.0295	-4.26E-4	1.33E-29	-1.18E-4
	CC9	0.1710	-0.2020	-0.0303	-4.24E-4	1.33E-29	-1.12E-4
	CC10	-0.1715	0.1880	-0.1786	3.88E-4	-1.33E-29	1.18E-4
	CC11	-0.1740	0.1895	-0.1795	3.90E-4	-1.33E-29	1.24E-4
	CC12	-0.1725	-0.0273	-0.1853	-1.18E-4	-3.47E-29	1.43E-4
	CC13	-0.1749	-0.0259	-0.1862	-1.16E-4	-3.47E-29	1.49E-4
	CC14	0.0570	0.3234	-0.0687	7.76E-4	4.30E-29	-8.53E-5
	CC15	0.0495	0.3277	-0.0712	7.82E-4	4.30E-29	-6.71E-5
	CC16	-0.0468	0.3762	-0.1154	8.69E-4	2.86E-29	-7.09E-6
	CC17	-0.0542	0.3806	-0.1180	8.74E-4	2.86E-29	1.11E-5
	CC18	0.0537	-0.3946	-0.0910	-9.11E-4	-2.86E-29	-4.83E-6
	CC19	0.0462	-0.3902	-0.0936	-9.05E-4	-2.86E-29	1.34E-5
	CC20	-0.0501	-0.3417	-0.1377	-8.18E-4	-4.30E-29	7.34E-5
	CC21	-0.0575	-0.3374	-0.1403	-8.13E-4	-4.30E-29	9.16E-5
634	CC1	-0.0008	-0.0046	-0.1073	-1.86E-5	0.00E+0	1.83E-6
	CC2	-0.0008	-0.0046	-0.1073	-1.86E-5	0.00E+0	1.83E-6
	CC3	-0.0008	-0.0046	-0.1073	-1.86E-5	0.00E+0	1.83E-6
	CC4	-0.0007	-0.0043	-0.1034	-1.75E-5	0.00E+0	1.67E-6
	CC5	-0.0007	-0.0043	-0.1034	-1.75E-5	0.00E+0	1.67E-6
	CC6	0.1112	0.0110	-0.0587	8.93E-5	3.07E-29	-9.25E-5
	CC7	0.1097	0.0116	-0.0591	8.95E-5	3.07E-29	-8.86E-5
	CC8	0.1100	-0.1227	-0.0651	-3.68E-4	1.15E-29	-8.33E-5
	CC9	0.1085	-0.1221	-0.0654	-3.68E-4	1.15E-29	-7.93E-5
	CC10	-0.1099	0.1136	-0.1389	3.34E-4	-1.15E-29	8.25E-5
	CC11	-0.1114	0.1143	-0.1392	3.34E-4	-1.15E-29	8.65E-5
	CC12	-0.1110	-0.0201	-0.1453	-1.24E-4	-3.07E-29	9.18E-5
	CC13	-0.1125	-0.0195	-0.1456	-1.24E-4	-3.07E-29	9.57E-5
	CC14	0.0367	0.2023	-0.0791	7.08E-4	3.83E-29	-4.60E-5
	CC15	0.0321	0.2042	-0.0800	7.09E-4	3.83E-29	-3.40E-5
	CC16	-0.0296	0.2331	-0.1031	7.82E-4	2.56E-29	6.47E-6
	CC17	-0.0342	0.2350	-0.1041	7.82E-4	2.56E-29	1.85E-5
	CC18	0.0329	-0.2435	-0.1003	-8.17E-4	-2.56E-29	-1.52E-5
	CC19	0.0283	-0.2415	-0.1012	-8.16E-4	-2.56E-29	-3.23E-6
	CC20	-0.0334	-0.2127	-0.1243	-7.43E-4	-3.83E-29	3.73E-5
	CC21	-0.0380	-0.2107	-0.1252	-7.43E-4	-3.83E-29	4.93E-5
635	CC1	-0.0010	-0.0045	-0.1074	-1.80E-5	0.00E+0	1.79E-6
	CC2	-0.0010	-0.0045	-0.1074	-1.80E-5	0.00E+0	1.79E-6
	CC3	-0.0010	-0.0045	-0.1074	-1.80E-5	0.00E+0	1.79E-6
	CC4	-0.0009	-0.0042	-0.1035	-1.69E-5	0.00E+0	1.64E-6
	CC5	-0.0009	-0.0042	-0.1035	-1.69E-5	0.00E+0	1.64E-6
	CC6	0.1103	0.0041	-0.0425	6.53E-5	2.82E-29	-9.32E-5
	CC7	0.1088	0.0051	-0.0431	6.65E-5	2.82E-29	-8.92E-5
	CC8	0.1092	-0.1288	-0.0488	-3.89E-4	1.07E-29	-8.20E-5
	CC9	0.1077	-0.1279	-0.0493	-3.88E-4	1.07E-29	-7.80E-5
	CC10	-0.1093	0.1197	-0.1550	3.54E-4	-1.07E-29	8.12E-5
	CC11	-0.1108	0.1206	-0.1556	3.56E-4	-1.07E-29	8.52E-5
	CC12	-0.1105	-0.0133	-0.1613	-9.97E-5	-2.82E-29	9.24E-5
	CC13	-0.1120	-0.0124	-0.1618	-9.85E-5	-2.82E-29	9.64E-5
	CC14	0.0363	0.1988	-0.0741	6.95E-4	3.51E-29	-4.92E-5
	CC15	0.0317	0.2016	-0.0757	6.99E-4	3.51E-29	-3.72E-5
	CC16	-0.0296	0.2335	-0.1078	7.82E-4	2.35E-29	3.13E-6
	CC17	-0.0341	0.2363	-0.1094	7.85E-4	2.35E-29	1.52E-5
	CC18	0.0325	-0.2445	-0.0949	-8.19E-4	-2.35E-29	-1.20E-5
	CC19	0.0279	-0.2417	-0.0966	-8.15E-4	-2.35E-29	5.55E-8
	CC20	-0.0334	-0.2098	-0.1287	-7.32E-4	-3.51E-29	4.03E-5
	CC21	-0.0379	-0.2070	-0.1303	-7.28E-4	-3.51E-29	5.24E-5
636	CC1	-0.0003	-0.0080	-0.1099	-2.12E-5	0.00E+0	2.15E-6
	CC2	-0.0003	-0.0080	-0.1099	-2.12E-5	0.00E+0	2.15E-6
	CC3	-0.0003	-0.0080	-0.1099	-2.12E-5	0.00E+0	2.15E-6
	CC4	-0.0002	-0.0075	-0.1059	-1.98E-5	0.00E+0	1.99E-6
	CC5	-0.0002	-0.0075	-0.1059	-1.98E-5	0.00E+0	1.99E-6
	CC6	0.1727	0.0313	-0.0577	1.15E-4	6.24E-3	-1.44E-4

	CC7	0.1702	0.0319	-0.0580	1.15E-4	6.24E-3	-1.38E-4
	CC8	0.1717	-0.1870	-0.0647	-3.98E-4	2.34E-3	-1.22E-4
	CC9	0.1693	-0.1864	-0.0650	-3.98E-4	2.34E-3	-1.16E-4
	CC10	-0.1695	0.1717	-0.1441	3.59E-4	-2.34E-3	1.20E-4
	CC11	-0.1720	0.1724	-0.1445	3.59E-4	-2.34E-3	1.26E-4
	CC12	-0.1705	-0.0466	-0.1511	-1.54E-4	-6.24E-3	1.42E-4
	CC13	-0.1730	-0.0460	-0.1514	-1.53E-4	-6.24E-3	1.48E-4
	CC14	0.0565	0.3345	-0.0795	7.98E-4	7.80E-3	-8.26E-5
	CC15	0.0491	0.3364	-0.0805	7.99E-4	7.80E-3	-6.41E-5
	CC16	-0.0461	0.3767	-0.1054	8.72E-4	5.22E-3	-3.36E-6
	CC17	-0.0535	0.3785	-0.1064	8.72E-4	5.22E-3	1.51E-5
	CC18	0.0532	-0.3932	-0.1027	-9.11E-4	-5.22E-3	-1.13E-5
	CC19	0.0458	-0.3913	-0.1037	-9.10E-4	-5.22E-3	7.24E-6
	CC20	-0.0494	-0.3511	-0.1286	-8.38E-4	-7.80E-3	6.80E-5
	CC21	-0.0568	-0.3492	-0.1297	-8.37E-4	-7.80E-3	8.65E-5
637	CC1	-0.0006	-0.0063	-0.1087	-1.84E-5	0.00E+0	1.80E-6
	CC2	-0.0006	-0.0063	-0.1087	-1.84E-5	0.00E+0	1.80E-6
	CC3	-0.0006	-0.0063	-0.1087	-1.84E-5	0.00E+0	1.80E-6
	CC4	-0.0005	-0.0059	-0.1047	-1.73E-5	0.00E+0	1.65E-6
	CC5	-0.0005	-0.0059	-0.1047	-1.73E-5	0.00E+0	1.65E-6
	CC6	0.1417	0.0207	-0.0589	1.10E-4	6.30E-29	-1.19E-4
	CC7	0.1397	0.0213	-0.0592	1.10E-4	6.30E-29	-1.14E-4
	CC8	0.1406	-0.1544	-0.0655	-3.71E-4	2.36E-29	-1.05E-4
	CC9	0.1387	-0.1538	-0.0659	-3.72E-4	2.36E-29	-9.99E-5
	CC10	-0.1396	0.1423	-0.1410	3.38E-4	-2.36E-29	1.03E-4
	CC11	-0.1415	0.1430	-0.1413	3.37E-4	-2.36E-29	1.08E-4
	CC12	-0.1406	-0.0328	-0.1477	-1.44E-4	-6.30E-29	1.17E-4
	CC13	-0.1426	-0.0321	-0.1480	-1.44E-4	-6.30E-29	1.22E-4
	CC14	0.0465	0.2669	-0.0795	7.51E-4	7.87E-29	-6.29E-5
	CC15	0.0406	0.2688	-0.0805	7.51E-4	7.87E-29	-4.76E-5
	CC16	-0.0378	0.3034	-0.1042	8.19E-4	5.28E-29	3.76E-6
	CC17	-0.0438	0.3053	-0.1051	8.19E-4	5.28E-29	1.90E-5
	CC18	0.0429	-0.3168	-0.1017	-8.53E-4	-5.28E-29	-1.58E-5
	CC19	0.0370	-0.3149	-0.1027	-8.53E-4	-5.28E-29	-5.74E-7
	CC20	-0.0414	-0.2803	-0.1264	-7.85E-4	-7.87E-29	5.08E-5
	CC21	-0.0474	-0.2784	-0.1273	-7.85E-4	-7.87E-29	6.61E-5
638	CC1	-0.0007	-0.0061	-0.1087	-1.84E-5	0.00E+0	2.37E-6
	CC2	-0.0007	-0.0061	-0.1087	-1.84E-5	0.00E+0	2.37E-6
	CC3	-0.0007	-0.0061	-0.1087	-1.84E-5	0.00E+0	2.37E-6
	CC4	-0.0006	-0.0057	-0.1047	-1.73E-5	0.00E+0	2.20E-6
	CC5	-0.0006	-0.0057	-0.1047	-1.73E-5	0.00E+0	2.20E-6
	CC6	0.1418	0.0125	-0.0420	8.98E-5	5.97E-29	-1.19E-4
	CC7	0.1399	0.0134	-0.0426	9.04E-5	5.97E-29	-1.14E-4
	CC8	0.1407	-0.1616	-0.0486	-3.87E-4	2.25E-29	-1.03E-4
	CC9	0.1388	-0.1607	-0.0491	-3.86E-4	2.25E-29	-9.79E-5
	CC10	-0.1399	0.1495	-0.1577	3.53E-4	-2.25E-29	1.02E-4
	CC11	-0.1419	0.1504	-0.1583	3.53E-4	-2.25E-29	1.07E-4
	CC12	-0.1410	-0.0247	-0.1643	-1.24E-4	-5.97E-29	1.18E-4
	CC13	-0.1429	-0.0237	-0.1648	-1.24E-4	-5.97E-29	1.23E-4
	CC14	0.0465	0.2626	-0.0743	7.37E-4	7.44E-29	-6.54E-5
	CC15	0.0405	0.2655	-0.0760	7.39E-4	7.44E-29	-5.02E-5
	CC16	-0.0380	0.3037	-0.1090	8.16E-4	4.97E-29	9.84E-7
	CC17	-0.0440	0.3066	-0.1107	8.18E-4	4.97E-29	1.62E-5
	CC18	0.0429	-0.3178	-0.0961	-8.52E-4	-4.97E-29	-1.19E-5
	CC19	0.0369	-0.3149	-0.0978	-8.50E-4	-4.97E-29	3.30E-6
	CC20	-0.0416	-0.2767	-0.1308	-7.73E-4	-7.44E-29	5.44E-5
	CC21	-0.0476	-0.2738	-0.1325	-7.71E-4	-7.44E-29	6.97E-5
639	CC1	-0.0003	-0.0078	-0.1100	-2.06E-5	0.00E+0	2.88E-6
	CC2	-0.0003	-0.0078	-0.1100	-2.06E-5	0.00E+0	2.88E-6
	CC3	-0.0003	-0.0078	-0.1100	-2.06E-5	0.00E+0	2.88E-6
	CC4	-0.0002	-0.0073	-0.1060	-1.92E-5	0.00E+0	2.72E-6
	CC5	-0.0002	-0.0073	-0.1060	-1.92E-5	0.00E+0	2.72E-6
	CC6	0.1742	0.0215	-0.0422	9.39E-5	5.53E-29	-1.43E-4
	CC7	0.1717	0.0226	-0.0428	9.51E-5	5.53E-29	-1.37E-4
	CC8	0.1732	-0.1954	-0.0491	-4.14E-4	2.12E-29	-1.22E-4
	CC9	0.1707	-0.1943	-0.0496	-4.13E-4	2.12E-29	-1.16E-4
	CC10	-0.1710	0.1800	-0.1596	3.75E-4	-2.12E-29	1.21E-4
	CC11	-0.1735	0.1810	-0.1602	3.76E-4	-2.12E-29	1.27E-4
	CC12	-0.1720	-0.0369	-0.1665	-1.33E-4	-5.53E-29	1.43E-4
	CC13	-0.1744	-0.0359	-0.1670	-1.32E-4	-5.53E-29	1.49E-4
	CC14	0.0570	0.3289	-0.0747	7.83E-4	6.84E-29	-8.18E-5
	CC15	0.0495	0.3321	-0.0764	7.87E-4	6.84E-29	-6.33E-5

	CC16	-0.0465	0.3765	-0.1100	8.68E-4	4.55E-29	-2.35E-6
	CC17	-0.0540	0.3796	-0.1117	8.71E-4	4.55E-29	1.62E-5
	CC18	0.0537	-0.3940	-0.0976	-9.09E-4	-4.55E-29	-1.08E-5
	CC19	0.0463	-0.3908	-0.0993	-9.05E-4	-4.55E-29	7.68E-6
	CC20	-0.0498	-0.3464	-0.1328	-8.24E-4	-6.84E-29	6.86E-5
	CC21	-0.0573	-0.3433	-0.1345	-8.21E-4	-6.84E-29	8.71E-5
640	CC1	-0.0003	-0.0078	-0.1113	-2.52E-5	-1.66E-7	-3.16E-6
	CC2	-0.0003	-0.0078	-0.1113	-2.52E-5	-1.66E-7	-3.16E-6
	CC3	-0.0003	-0.0078	-0.1113	-2.52E-5	-1.66E-7	-3.16E-6
	CC4	-0.0002	-0.0073	-0.1073	-2.34E-5	-1.54E-7	-3.24E-6
	CC5	-0.0002	-0.0073	-0.1073	-2.34E-5	-1.54E-7	-3.24E-6
	CC6	0.1720	0.0808	-0.1385	2.07E-4	1.36E-6	-1.49E-4
	CC7	0.1696	0.0794	-0.1378	2.03E-4	1.34E-6	-1.43E-4
	CC8	0.1711	-0.1459	-0.1450	-3.24E-4	-2.14E-6	-1.24E-4
	CC9	0.1686	-0.1474	-0.1442	-3.27E-4	-2.16E-6	-1.18E-4
	CC10	-0.1689	0.1332	-0.0677	2.82E-4	1.86E-6	1.12E-4
	CC11	-0.1714	0.1317	-0.0670	2.78E-4	1.84E-6	1.18E-4
	CC12	-0.1699	-0.0936	-0.0741	-2.48E-4	-1.64E-6	1.36E-4
	CC13	-0.1723	-0.0950	-0.0734	-2.52E-4	-1.66E-6	1.42E-4
	CC14	0.0563	0.3652	-0.1070	8.56E-4	5.65E-6	-9.25E-5
	CC15	0.0490	0.3608	-0.1048	8.44E-4	5.57E-6	-7.41E-5
	CC16	-0.0460	0.3809	-0.0857	8.78E-4	5.80E-6	-1.42E-5
	CC17	-0.0533	0.3765	-0.0835	8.66E-4	5.72E-6	4.15E-6
	CC18	0.0530	-0.3907	-0.1284	-9.12E-4	-6.02E-6	-1.07E-5
	CC19	0.0457	-0.3951	-0.1262	-9.24E-4	-6.10E-6	7.68E-6
	CC20	-0.0493	-0.3750	-0.1071	-8.89E-4	-5.87E-6	6.75E-5
	CC21	-0.0566	-0.3794	-0.1050	-9.01E-4	-5.95E-6	8.59E-5
641	CC1	-0.0003	-0.0058	-0.1100	-2.03E-5	-1.34E-7	-2.69E-6
	CC2	-0.0003	-0.0058	-0.1100	-2.03E-5	-1.34E-7	-2.69E-6
	CC3	-0.0003	-0.0058	-0.1100	-2.03E-5	-1.34E-7	-2.69E-6
	CC4	-0.0002	-0.0054	-0.1060	-1.88E-5	-1.24E-7	-2.73E-6
	CC5	-0.0002	-0.0054	-0.1060	-1.88E-5	-1.24E-7	-2.73E-6
	CC6	0.1422	0.0620	-0.1342	2.05E-4	1.35E-6	-1.22E-4
	CC7	0.1402	0.0609	-0.1336	2.01E-4	1.32E-6	-1.17E-4
	CC8	0.1411	-0.1197	-0.1404	-2.99E-4	-1.97E-6	-1.07E-4
	CC9	0.1392	-0.1208	-0.1398	-3.03E-4	-2.00E-6	-1.02E-4
	CC10	-0.1396	0.1103	-0.0696	2.66E-4	1.76E-6	9.60E-5
	CC11	-0.1415	0.1092	-0.0689	2.62E-4	1.73E-6	1.01E-4
	CC12	-0.1406	-0.0715	-0.0758	-2.37E-4	-1.57E-6	1.12E-4
	CC13	-0.1426	-0.0726	-0.0751	-2.41E-4	-1.59E-6	1.17E-4
	CC14	0.0467	0.2921	-0.1051	8.18E-4	5.40E-6	-6.97E-5
	CC15	0.0408	0.2888	-0.1030	8.05E-4	5.32E-6	-5.45E-5
	CC16	-0.0378	0.3066	-0.0857	8.37E-4	5.52E-6	-4.14E-6
	CC17	-0.0438	0.3033	-0.0837	8.24E-4	5.44E-6	1.10E-5
	CC18	0.0434	-0.3138	-0.1257	-8.61E-4	-5.68E-6	-1.65E-5
	CC19	0.0374	-0.3171	-0.1237	-8.73E-4	-5.76E-6	-1.35E-6
	CC20	-0.0412	-0.2994	-0.1063	-8.42E-4	-5.56E-6	4.91E-5
	CC21	-0.0471	-0.3027	-0.1043	-8.55E-4	-5.64E-6	6.42E-5
642	CC1	-0.0002	-0.0041	-0.1084	-1.90E-5	-1.25E-7	-1.64E-6
	CC2	-0.0002	-0.0041	-0.1084	-1.90E-5	-1.25E-7	-1.64E-6
	CC3	-0.0002	-0.0041	-0.1084	-1.90E-5	-1.25E-7	-1.64E-6
	CC4	-0.0002	-0.0038	-0.1045	-1.77E-5	-1.17E-7	-1.68E-6
	CC5	-0.0002	-0.0038	-0.1045	-1.77E-5	-1.17E-7	-1.68E-6
	CC6	0.1128	0.0877	-0.1293	1.89E-4	1.25E-6	-9.52E-5
	CC7	0.1113	0.0869	-0.1287	1.85E-4	1.22E-6	-9.12E-5
	CC8	0.1117	-0.0507	-0.1353	-2.92E-4	-1.93E-6	-8.62E-5
	CC9	0.1102	-0.0514	-0.1347	-2.96E-4	-1.95E-6	-8.22E-5
	CC10	-0.1105	0.0440	-0.0718	2.62E-4	1.73E-6	7.88E-5
	CC11	-0.1120	0.0433	-0.0712	2.58E-4	1.70E-6	8.28E-5
	CC12	-0.1116	-0.0944	-0.0778	-2.19E-4	-1.45E-6	8.78E-5
	CC13	-0.1131	-0.0951	-0.0772	-2.23E-4	-1.47E-6	9.18E-5
	CC14	0.0375	0.2346	-0.1029	7.79E-4	5.14E-6	-4.88E-5
	CC15	0.0328	0.2323	-0.1010	7.68E-4	5.07E-6	-3.68E-5
	CC16	-0.0295	0.2215	-0.0856	8.01E-4	5.29E-6	3.41E-6
	CC17	-0.0341	0.2192	-0.0837	7.90E-4	5.21E-6	1.54E-5
	CC18	0.0338	-0.2267	-0.1227	-8.24E-4	-5.44E-6	-1.88E-5
	CC19	0.0292	-0.2289	-0.1209	-8.36E-4	-5.52E-6	-6.81E-6
	CC20	-0.0331	-0.2398	-0.1055	-8.02E-4	-5.30E-6	3.34E-5
	CC21	-0.0378	-0.2420	-0.1036	-8.14E-4	-5.37E-6	4.54E-5
643	CC1	-0.0004	-0.0043	-0.1081	-1.92E-5	-1.27E-7	-2.95E-6
	CC2	-0.0004	-0.0043	-0.1081	-1.92E-5	-1.27E-7	-2.95E-6
	CC3	-0.0004	-0.0043	-0.1081	-1.92E-5	-1.27E-7	-2.95E-6

	CC4	-0.0003	-0.0040	-0.1042	-1.80E-5	-1.19E-7	-2.89E-6
	CC5	-0.0003	-0.0040	-0.1042	-1.80E-5	-1.19E-7	-2.89E-6
	CC6	0.1123	0.0354	-0.1121	1.62E-4	1.07E-6	-9.79E-5
	CC7	0.1108	0.0350	-0.1117	1.59E-4	1.05E-6	-9.39E-5
	CC8	0.1112	-0.1020	-0.1182	-3.14E-4	-2.07E-6	-8.44E-5
	CC9	0.1097	-0.1024	-0.1179	-3.17E-4	-2.09E-6	-8.05E-5
	CC10	-0.1104	0.0945	-0.0880	2.81E-4	1.86E-6	7.47E-5
	CC11	-0.1119	0.0942	-0.0876	2.79E-4	1.84E-6	7.87E-5
	CC12	-0.1114	-0.0428	-0.0941	-1.95E-4	-1.28E-6	8.82E-5
	CC13	-0.1130	-0.0432	-0.0937	-1.97E-4	-1.30E-6	9.22E-5
	CC14	0.0372	0.2167	-0.0969	7.62E-4	5.03E-6	-5.73E-5
	CC15	0.0326	0.2156	-0.0958	7.54E-4	4.97E-6	-4.52E-5
	CC16	-0.0296	0.2345	-0.0897	7.98E-4	5.27E-6	-5.49E-6
	CC17	-0.0342	0.2333	-0.0885	7.90E-4	5.21E-6	6.57E-6
	CC18	0.0336	-0.2412	-0.1173	-8.25E-4	-5.44E-6	-1.23E-5
	CC19	0.0290	-0.2423	-0.1162	-8.33E-4	-5.50E-6	-2.41E-7
	CC20	-0.0332	-0.2234	-0.1101	-7.89E-4	-5.21E-6	3.95E-5
	CC21	-0.0378	-0.2246	-0.1089	-7.97E-4	-5.26E-6	5.16E-5
644	CC1	-0.0005	-0.0046	-0.1077	-1.92E-5	-1.27E-7	-2.94E-6
	CC2	-0.0005	-0.0046	-0.1077	-1.92E-5	-1.27E-7	-2.94E-6
	CC3	-0.0005	-0.0046	-0.1077	-1.92E-5	-1.27E-7	-2.94E-6
	CC4	-0.0004	-0.0043	-0.1038	-1.80E-5	-1.19E-7	-2.84E-6
	CC5	-0.0004	-0.0043	-0.1038	-1.80E-5	-1.19E-7	-2.84E-6
	CC6	0.1121	0.0265	-0.0907	1.36E-4	8.96E-7	-9.92E-5
	CC7	0.1106	0.0265	-0.0905	1.34E-4	8.85E-7	-9.52E-5
	CC8	0.1110	-0.1095	-0.0970	-3.32E-4	-2.19E-6	-8.13E-5
	CC9	0.1095	-0.1095	-0.0968	-3.33E-4	-2.20E-6	-7.72E-5
	CC10	-0.1103	0.1011	-0.1083	2.98E-4	1.97E-6	7.16E-5
	CC11	-0.1118	0.1011	-0.1082	2.96E-4	1.96E-6	7.56E-5
	CC12	-0.1114	-0.0348	-0.1146	-1.69E-4	-1.12E-6	8.96E-5
	CC13	-0.1129	-0.0349	-0.1145	-1.71E-4	-1.13E-6	9.36E-5
	CC14	0.0371	0.2112	-0.0897	7.39E-4	4.88E-6	-6.44E-5
	CC15	0.0325	0.2112	-0.0892	7.34E-4	4.85E-6	-5.23E-5
	CC16	-0.0296	0.2336	-0.0950	7.88E-4	5.20E-6	-1.32E-5
	CC17	-0.0342	0.2336	-0.0945	7.83E-4	5.17E-6	-1.02E-6
	CC18	0.0334	-0.2419	-0.1106	-8.18E-4	-5.40E-6	-4.60E-6
	CC19	0.0288	-0.2420	-0.1102	-8.23E-4	-5.43E-6	7.55E-6
	CC20	-0.0333	-0.2196	-0.1159	-7.70E-4	-5.08E-6	4.66E-5
	CC21	-0.0379	-0.2196	-0.1154	-7.75E-4	-5.11E-6	5.88E-5
645	CC1	-0.0002	-0.0081	-0.1108	-2.41E-5	-1.59E-7	-1.89E-6
	CC2	-0.0002	-0.0081	-0.1108	-2.41E-5	-1.59E-7	-1.89E-6
	CC3	-0.0002	-0.0081	-0.1108	-2.41E-5	-1.59E-7	-1.89E-6
	CC4	-0.0001	-0.0075	-0.1068	-2.25E-5	-1.48E-7	-2.06E-6
	CC5	-0.0001	-0.0075	-0.1068	-2.25E-5	-1.48E-7	-2.06E-6
	CC6	0.1713	0.0675	-0.1180	1.82E-4	1.20E-6	-1.48E-4
	CC7	0.1688	0.0666	-0.1176	1.79E-4	1.18E-6	-1.42E-4
	CC8	0.1703	-0.1570	-0.1246	-3.42E-4	-2.26E-6	-1.23E-4
	CC9	0.1679	-0.1579	-0.1242	-3.45E-4	-2.28E-6	-1.17E-4
	CC10	-0.1681	0.1432	-0.0867	3.01E-4	1.99E-6	1.12E-4
	CC11	-0.1705	0.1423	-0.0862	2.99E-4	1.97E-6	1.18E-4
	CC12	-0.1690	-0.0813	-0.0933	-2.23E-4	-1.47E-6	1.38E-4
	CC13	-0.1714	-0.0822	-0.0929	-2.26E-4	-1.49E-6	1.44E-4
	CC14	0.0561	0.3568	-0.0997	8.39E-4	5.53E-6	-9.28E-5
	CC15	0.0488	0.3541	-0.0984	8.30E-4	5.48E-6	-7.44E-5
	CC16	-0.0457	0.3795	-0.0903	8.74E-4	5.77E-6	-1.47E-5
	CC17	-0.0530	0.3768	-0.0890	8.66E-4	5.72E-6	3.71E-6
	CC18	0.0528	-0.3915	-0.1219	-9.10E-4	-6.01E-6	-7.95E-6
	CC19	0.0455	-0.3942	-0.1205	-9.18E-4	-6.06E-6	1.05E-5
	CC20	-0.0489	-0.3688	-0.1124	-8.74E-4	-5.77E-6	7.02E-5
	CC21	-0.0563	-0.3715	-0.1111	-8.82E-4	-5.82E-6	8.86E-5
646	CC1	-0.0004	-0.0061	-0.1095	-2.09E-5	-1.38E-7	-2.81E-6
	CC2	-0.0004	-0.0061	-0.1095	-2.09E-5	-1.38E-7	-2.81E-6
	CC3	-0.0004	-0.0061	-0.1095	-2.09E-5	-1.38E-7	-2.81E-6
	CC4	-0.0003	-0.0057	-0.1056	-1.95E-5	-1.29E-7	-2.83E-6
	CC5	-0.0003	-0.0057	-0.1056	-1.95E-5	-1.29E-7	-2.83E-6
	CC6	0.1414	0.0510	-0.1152	1.78E-4	1.17E-6	-1.23E-4
	CC7	0.1394	0.0504	-0.1148	1.75E-4	1.15E-6	-1.18E-4
	CC8	0.1404	-0.1292	-0.1216	-3.18E-4	-2.10E-6	-1.03E-4
	CC9	0.1384	-0.1298	-0.1212	-3.21E-4	-2.12E-6	-9.82E-5
	CC10	-0.1389	0.1188	-0.0873	2.83E-4	1.86E-6	9.26E-5
	CC11	-0.1409	0.1181	-0.0869	2.79E-4	1.84E-6	9.76E-5
	CC12	-0.1399	-0.0614	-0.0937	-2.13E-4	-1.40E-6	1.13E-4

	CC13	-0.1419	-0.0621	-0.0933	-2.16E-4	-1.42E-6	1.18E-4
	CC14	0.0465	0.2856	-0.0984	7.95E-4	5.25E-6	-7.66E-5
	CC15	0.0405	0.2837	-0.0972	7.86E-4	5.19E-6	-6.14E-5
	CC16	-0.0376	0.3059	-0.0900	8.27E-4	5.46E-6	-1.18E-5
	CC17	-0.0436	0.3040	-0.0888	8.18E-4	5.40E-6	3.42E-6
	CC18	0.0431	-0.3151	-0.1197	-8.56E-4	-5.65E-6	-9.11E-6
	CC19	0.0371	-0.3170	-0.1184	-8.65E-4	-5.71E-6	6.07E-6
	CC20	-0.0410	-0.2947	-0.1113	-8.24E-4	-5.44E-6	5.57E-5
	CC21	-0.0470	-0.2967	-0.1101	-8.34E-4	-5.50E-6	7.09E-5
647	CC1	-0.0004	-0.0063	-0.1091	-1.98E-5	-1.31E-7	-1.85E-6
	CC2	-0.0004	-0.0063	-0.1091	-1.98E-5	-1.31E-7	-1.85E-6
	CC3	-0.0004	-0.0063	-0.1091	-1.98E-5	-1.31E-7	-1.85E-6
	CC4	-0.0003	-0.0059	-0.1051	-1.86E-5	-1.22E-7	-1.88E-6
	CC5	-0.0003	-0.0059	-0.1051	-1.86E-5	-1.22E-7	-1.88E-6
	CC6	0.1412	0.0398	-0.0917	1.54E-4	1.01E-6	-1.23E-4
	CC7	0.1392	0.0396	-0.0915	1.52E-4	1.00E-6	-1.18E-4
	CC8	0.1401	-0.1383	-0.0982	-3.37E-4	-2.22E-6	-9.89E-5
	CC9	0.1382	-0.1385	-0.0981	-3.39E-4	-2.24E-6	-9.39E-5
	CC10	-0.1388	0.1270	-0.1096	3.02E-4	2.00E-6	9.01E-5
	CC11	-0.1407	0.1268	-0.1094	3.00E-4	1.98E-6	9.51E-5
	CC12	-0.1398	-0.0512	-0.1161	-1.88E-4	-1.24E-6	1.15E-4
	CC13	-0.1418	-0.0514	-0.1160	-1.90E-4	-1.25E-6	1.20E-4
	CC14	0.0464	0.2784	-0.0904	7.80E-4	5.15E-6	-8.25E-5
	CC15	0.0405	0.2778	-0.0899	7.74E-4	5.11E-6	-6.72E-5
	CC16	-0.0376	0.3045	-0.0958	8.25E-4	5.44E-6	-1.84E-5
	CC17	-0.0435	0.3040	-0.0953	8.18E-4	5.40E-6	-3.14E-6
	CC18	0.0429	-0.3155	-0.1123	-8.55E-4	-5.64E-6	-6.54E-7
	CC19	0.0370	-0.3160	-0.1118	-8.61E-4	-5.68E-6	1.46E-5
	CC20	-0.0411	-0.2893	-0.1177	-8.10E-4	-5.35E-6	6.34E-5
	CC21	-0.0470	-0.2899	-0.1172	-8.16E-4	-5.39E-6	7.87E-5
648	CC1	-0.0002	-0.0082	-0.1103	-2.27E-5	-1.50E-7	-3.98E-7
	CC2	-0.0002	-0.0082	-0.1103	-2.27E-5	-1.50E-7	-3.98E-7
	CC3	-0.0002	-0.0082	-0.1103	-2.27E-5	-1.50E-7	-3.98E-7
	CC4	-0.0001	-0.0076	-0.1063	-2.12E-5	-1.40E-7	-6.03E-7
	CC5	-0.0001	-0.0076	-0.1063	-2.12E-5	-1.40E-7	-6.03E-7
	CC6	0.1712	0.0542	-0.0926	1.58E-4	1.04E-6	-1.47E-4
	CC7	0.1688	0.0538	-0.0924	1.56E-4	1.03E-6	-1.41E-4
	CC8	0.1702	-0.1679	-0.0994	-3.64E-4	-2.40E-6	-1.20E-4
	CC9	0.1678	-0.1683	-0.0993	-3.65E-4	-2.41E-6	-1.14E-4
	CC10	-0.1680	0.1533	-0.1107	3.24E-4	2.14E-6	1.13E-4
	CC11	-0.1704	0.1530	-0.1105	3.22E-4	2.13E-6	1.19E-4
	CC12	-0.1690	-0.0688	-0.1176	-1.97E-4	-1.30E-6	1.39E-4
	CC13	-0.1714	-0.0691	-0.1174	-1.99E-4	-1.31E-6	1.45E-4
	CC14	0.0560	0.3484	-0.0911	8.25E-4	5.45E-6	-9.31E-5
	CC15	0.0487	0.3473	-0.0906	8.20E-4	5.41E-6	-7.47E-5
	CC16	-0.0457	0.3781	-0.0965	8.75E-4	5.78E-6	-1.53E-5
	CC17	-0.0530	0.3771	-0.0960	8.70E-4	5.74E-6	3.12E-6
	CC18	0.0528	-0.3920	-0.1139	-9.12E-4	-6.02E-6	-4.46E-6
	CC19	0.0455	-0.3931	-0.1134	-9.17E-4	-6.05E-6	1.40E-5
	CC20	-0.0489	-0.3623	-0.1194	-8.62E-4	-5.69E-6	7.33E-5
	CC21	-0.0563	-0.3633	-0.1189	-8.67E-4	-5.72E-6	9.18E-5
649	CC1	0.0007	-0.0080	-0.0945	4.15E-7	-4.46E-6	3.84E-6
	CC2	0.0007	-0.0080	-0.0945	4.15E-7	-4.46E-6	3.84E-6
	CC3	0.0007	-0.0080	-0.0945	4.15E-7	-4.46E-6	3.84E-6
	CC4	0.0007	-0.0075	-0.0917	4.04E-7	-4.34E-6	3.66E-6
	CC5	0.0007	-0.0075	-0.0917	4.04E-7	-4.34E-6	3.66E-6
	CC6	0.1444	0.0384	-0.0526	2.59E-5	-2.79E-4	-1.45E-4
	CC7	0.1452	0.0387	-0.0520	2.61E-5	-2.80E-4	-1.39E-4
	CC8	0.1556	-0.1812	-0.0149	2.48E-5	-2.67E-4	-1.18E-4
	CC9	0.1565	-0.1809	-0.0143	2.50E-5	-2.68E-4	-1.12E-4
	CC10	-0.1550	0.1662	-0.1673	-2.42E-5	2.60E-4	1.19E-4
	CC11	-0.1542	0.1666	-0.1667	-2.40E-5	2.58E-4	1.26E-4
	CC12	-0.1438	-0.0534	-0.1296	-2.53E-5	2.72E-4	1.46E-4
	CC13	-0.1429	-0.0531	-0.1290	-2.51E-5	2.70E-4	1.53E-4
	CC14	0.0257	0.3390	-0.1374	9.54E-6	-1.03E-4	-9.07E-5
	CC15	0.0282	0.3400	-0.1356	9.96E-6	-1.07E-4	-7.19E-5
	CC16	-0.0642	0.3773	-0.1718	-5.50E-6	5.90E-5	-1.13E-5
	CC17	-0.0616	0.3784	-0.1700	-5.08E-6	5.46E-5	7.57E-6
	CC18	0.0631	-0.3931	-0.0116	5.88E-6	-6.32E-5	-3.55E-7
	CC19	0.0656	-0.3920	-0.0098	6.30E-6	-6.76E-5	1.85E-5
	CC20	-0.0267	-0.3547	-0.0460	-9.16E-6	9.84E-5	7.91E-5
	CC21	-0.0242	-0.3537	-0.0442	-8.74E-6	9.39E-5	9.79E-5

650	CC1	0.0001	-0.0060	-0.0940	3.80E-7	-4.08E-6	3.78E-6
	CC2	0.0001	-0.0060	-0.0940	3.80E-7	-4.08E-6	3.78E-6
	CC3	0.0001	-0.0060	-0.0940	3.80E-7	-4.08E-6	3.78E-6
	CC4	0.0002	-0.0056	-0.0913	3.83E-7	-4.11E-6	3.65E-6
	CC5	0.0002	-0.0056	-0.0913	3.83E-7	-4.11E-6	3.65E-6
	CC6	0.1209	0.0280	-0.0527	2.68E-5	-2.88E-4	-1.20E-4
	CC7	0.1216	0.0283	-0.0521	2.69E-5	-2.89E-4	-1.15E-4
	CC8	0.1293	-0.1474	-0.0173	2.54E-5	-2.73E-4	-9.84E-5
	CC9	0.1300	-0.1471	-0.0167	2.56E-5	-2.75E-4	-9.33E-5
	CC10	-0.1296	0.1362	-0.1641	-2.48E-5	2.67E-4	1.00E-4
	CC11	-0.1289	0.1366	-0.1635	-2.47E-5	2.65E-4	1.06E-4
	CC12	-0.1213	-0.0392	-0.1287	-2.61E-5	2.81E-4	1.22E-4
	CC13	-0.1206	-0.0388	-0.1281	-2.60E-5	2.79E-4	1.27E-4
	CC14	0.0228	0.2701	-0.1336	1.01E-5	-1.09E-4	-7.30E-5
	CC15	0.0250	0.2712	-0.1318	1.05E-5	-1.13E-4	-5.73E-5
	CC16	-0.0524	0.3026	-0.1671	-5.35E-6	5.75E-5	-6.87E-6
	CC17	-0.0502	0.3037	-0.1652	-4.93E-6	5.30E-5	8.83E-6
	CC18	0.0506	-0.3146	-0.0156	5.70E-6	-6.12E-5	-1.62E-6
	CC19	0.0527	-0.3135	-0.0137	6.12E-6	-6.57E-5	1.41E-5
	CC20	-0.0246	-0.2821	-0.0490	-9.78E-6	1.05E-4	6.45E-5
	CC21	-0.0224	-0.2810	-0.0471	-9.36E-6	1.01E-4	8.02E-5
651	CC1	-0.0004	-0.0042	-0.0935	2.41E-7	-2.59E-6	3.88E-6
	CC2	-0.0004	-0.0042	-0.0935	2.41E-7	-2.59E-6	3.88E-6
	CC3	-0.0004	-0.0042	-0.0935	2.41E-7	-2.59E-6	3.88E-6
	CC4	-0.0003	-0.0039	-0.0908	2.52E-7	-2.71E-6	3.76E-6
	CC5	-0.0003	-0.0039	-0.0908	2.52E-7	-2.71E-6	3.76E-6
	CC6	0.0964	0.0177	-0.0533	2.77E-5	-2.98E-4	-9.46E-5
	CC7	0.0970	0.0181	-0.0527	2.79E-5	-3.00E-4	-9.05E-5
	CC8	0.1021	-0.1158	-0.0207	2.64E-5	-2.83E-4	-7.69E-5
	CC9	0.1027	-0.1154	-0.0201	2.65E-5	-2.85E-4	-7.28E-5
	CC10	-0.1033	0.1078	-0.1597	-2.60E-5	2.79E-4	8.02E-5
	CC11	-0.1027	0.1082	-0.1591	-2.58E-5	2.78E-4	8.43E-5
	CC12	-0.0976	-0.0257	-0.1271	-2.74E-5	2.94E-4	9.80E-5
	CC13	-0.0970	-0.0253	-0.1265	-2.72E-5	2.93E-4	1.02E-4
	CC14	0.0193	0.2045	-0.1292	1.04E-5	-1.12E-4	-5.84E-5
	CC15	0.0211	0.2057	-0.1273	1.09E-5	-1.17E-4	-4.59E-5
	CC16	-0.0406	0.2316	-0.1611	-5.72E-6	6.15E-5	-5.90E-6
	CC17	-0.0389	0.2327	-0.1592	-5.25E-6	5.64E-5	6.55E-6
	CC18	0.0383	-0.2403	-0.0206	5.76E-6	-6.19E-5	8.75E-7
	CC19	0.0400	-0.2391	-0.0187	6.24E-6	-6.70E-5	1.33E-5
	CC20	-0.0216	-0.2133	-0.0525	-1.04E-5	1.11E-4	5.33E-5
	CC21	-0.0199	-0.2121	-0.0507	-9.89E-6	1.06E-4	6.58E-5
652	CC1	-0.0007	-0.0043	-0.0951	2.83E-7	-3.04E-6	3.39E-6
	CC2	-0.0007	-0.0043	-0.0951	2.83E-7	-3.04E-6	3.39E-6
	CC3	-0.0007	-0.0043	-0.0951	2.83E-7	-3.04E-6	3.39E-6
	CC4	-0.0006	-0.0040	-0.0923	2.93E-7	-3.14E-6	3.32E-6
	CC5	-0.0006	-0.0040	-0.0923	2.93E-7	-3.14E-6	3.32E-6
	CC6	0.0987	0.0183	-0.0508	2.84E-5	-3.05E-4	-9.18E-5
	CC7	0.0990	0.0186	-0.0502	2.85E-5	-3.06E-4	-8.78E-5
	CC8	0.1034	-0.1152	-0.0433	2.64E-5	-2.84E-4	-8.00E-5
	CC9	0.1036	-0.1148	-0.0427	2.65E-5	-2.85E-4	-7.60E-5
	CC10	-0.1047	0.1070	-0.1401	-2.59E-5	2.78E-4	8.26E-5
	CC11	-0.1045	0.1074	-0.1395	-2.59E-5	2.78E-4	8.66E-5
	CC12	-0.1001	-0.0264	-0.1325	-2.79E-5	3.00E-4	9.44E-5
	CC13	-0.0999	-0.0260	-0.1320	-2.78E-5	2.99E-4	9.84E-5
	CC14	0.0219	0.2046	-0.0914	1.17E-5	-1.25E-4	-4.86E-5
	CC15	0.0226	0.2057	-0.0896	1.18E-5	-1.27E-4	-3.64E-5
	CC16	-0.0392	0.2313	-0.1182	-4.64E-6	4.98E-5	3.74E-6
	CC17	-0.0384	0.2323	-0.1164	-4.48E-6	4.82E-5	1.59E-5
	CC18	0.0373	-0.2401	-0.0663	5.08E-6	-5.45E-5	-9.28E-6
	CC19	0.0380	-0.2390	-0.0646	5.23E-6	-5.62E-5	2.86E-6
	CC20	-0.0237	-0.2135	-0.0931	-1.12E-5	1.21E-4	4.30E-5
	CC21	-0.0230	-0.2124	-0.0914	-1.11E-5	1.19E-4	5.52E-5
653	CC1	-0.0009	-0.0044	-0.0967	2.99E-7	-3.21E-6	1.59E-6
	CC2	-0.0009	-0.0044	-0.0967	2.99E-7	-3.21E-6	1.59E-6
	CC3	-0.0009	-0.0044	-0.0967	2.99E-7	-3.21E-6	1.59E-6
	CC4	-0.0008	-0.0041	-0.0938	3.08E-7	-3.31E-6	1.62E-6
	CC5	-0.0008	-0.0041	-0.0938	3.08E-7	-3.31E-6	1.62E-6
	CC6	0.1000	0.0187	-0.0461	2.90E-5	-3.11E-4	-9.49E-5
	CC7	0.0999	0.0190	-0.0456	2.89E-5	-3.11E-4	-9.10E-5
	CC8	0.1039	-0.1147	-0.0646	2.67E-5	-2.87E-4	-8.59E-5
	CC9	0.1038	-0.1144	-0.0640	2.66E-5	-2.86E-4	-8.19E-5

	CC10	-0.1053	0.1064	-0.1216	-2.60E-5	2.80E-4	8.52E-5
	CC11	-0.1054	0.1067	-0.1210	-2.61E-5	2.80E-4	8.92E-5
	CC12	-0.1015	-0.0270	-0.1400	-2.83E-5	3.04E-4	9.42E-5
	CC13	-0.1015	-0.0267	-0.1395	-2.84E-5	3.05E-4	9.82E-5
	CC14	0.0238	0.2047	-0.0516	1.24E-5	-1.33E-4	-4.65E-5
	CC15	0.0235	0.2057	-0.0499	1.23E-5	-1.32E-4	-3.44E-5
	CC16	-0.0378	0.2310	-0.0743	-4.07E-6	4.38E-5	7.58E-6
	CC17	-0.0381	0.2320	-0.0726	-4.21E-6	4.52E-5	1.97E-5
	CC18	0.0366	-0.2400	-0.1130	4.83E-6	-5.19E-5	-1.64E-5
	CC19	0.0363	-0.2390	-0.1113	4.70E-6	-5.05E-5	-4.33E-6
	CC20	-0.0250	-0.2137	-0.1356	-1.17E-5	1.25E-4	3.76E-5
	CC21	-0.0253	-0.2127	-0.1340	-1.18E-5	1.27E-4	4.97E-5
654	CC1	0.0004	-0.0081	-0.0965	3.56E-7	-3.82E-6	3.26E-6
	CC2	0.0004	-0.0081	-0.0965	3.56E-7	-3.82E-6	3.26E-6
	CC3	0.0004	-0.0081	-0.0965	3.56E-7	-3.82E-6	3.26E-6
	CC4	0.0004	-0.0076	-0.0936	3.53E-7	-3.79E-6	3.13E-6
	CC5	0.0004	-0.0076	-0.0936	3.53E-7	-3.79E-6	3.13E-6
	CC6	0.1480	0.0393	-0.0484	2.59E-5	-2.79E-4	-1.45E-4
	CC7	0.1484	0.0396	-0.0477	2.60E-5	-2.79E-4	-1.39E-4
	CC8	0.1576	-0.1804	-0.0405	2.48E-5	-2.67E-4	-1.26E-4
	CC9	0.1579	-0.1801	-0.0399	2.48E-5	-2.67E-4	-1.19E-4
	CC10	-0.1570	0.1653	-0.1454	-2.41E-5	2.59E-4	1.26E-4
	CC11	-0.1567	0.1656	-0.1448	-2.41E-5	2.59E-4	1.32E-4
	CC12	-0.1474	-0.0544	-0.1376	-2.53E-5	2.71E-4	1.45E-4
	CC13	-0.1471	-0.0541	-0.1370	-2.52E-5	2.71E-4	1.51E-4
	CC14	0.0298	0.3394	-0.0920	9.67E-6	-1.04E-4	-7.97E-5
	CC15	0.0308	0.3403	-0.0902	9.79E-6	-1.05E-4	-6.07E-5
	CC16	-0.0618	0.3772	-0.1212	-5.36E-6	5.75E-5	1.57E-6
	CC17	-0.0607	0.3781	-0.1193	-5.23E-6	5.62E-5	2.06E-5
	CC18	0.0617	-0.3929	-0.0660	5.93E-6	-6.37E-5	-1.44E-5
	CC19	0.0627	-0.3920	-0.0642	6.06E-6	-6.51E-5	4.59E-6
	CC20	-0.0298	-0.3551	-0.0951	-9.09E-6	9.77E-5	6.68E-5
	CC21	-0.0288	-0.3542	-0.0933	-8.96E-6	9.63E-5	8.58E-5
655	CC1	-0.0002	-0.0060	-0.0958	3.98E-7	-4.28E-6	2.85E-6
	CC2	-0.0002	-0.0060	-0.0958	3.98E-7	-4.28E-6	2.85E-6
	CC3	-0.0002	-0.0060	-0.0958	3.98E-7	-4.28E-6	2.85E-6
	CC4	-0.0001	-0.0056	-0.0930	4.03E-7	-4.33E-6	2.78E-6
	CC5	-0.0001	-0.0056	-0.0930	4.03E-7	-4.33E-6	2.78E-6
	CC6	0.1242	0.0287	-0.0494	2.80E-5	-3.01E-4	-1.21E-4
	CC7	0.1245	0.0290	-0.0488	2.81E-5	-3.01E-4	-1.16E-4
	CC8	0.1310	-0.1467	-0.0417	2.62E-5	-2.82E-4	-1.03E-4
	CC9	0.1313	-0.1464	-0.0411	2.63E-5	-2.82E-4	-9.77E-5
	CC10	-0.1314	0.1354	-0.1430	-2.55E-5	2.74E-4	1.03E-4
	CC11	-0.1311	0.1357	-0.1424	-2.54E-5	2.73E-4	1.08E-4
	CC12	-0.1246	-0.0400	-0.1353	-2.73E-5	2.93E-4	1.21E-4
	CC13	-0.1243	-0.0397	-0.1347	-2.72E-5	2.92E-4	1.26E-4
	CC14	0.0264	0.2703	-0.0917	1.13E-5	-1.22E-4	-6.89E-5
	CC15	0.0273	0.2713	-0.0899	1.15E-5	-1.23E-4	-5.32E-5
	CC16	-0.0502	0.3023	-0.1198	-4.71E-6	5.06E-5	-1.64E-6
	CC17	-0.0494	0.3033	-0.1180	-4.58E-6	4.92E-5	1.40E-5
	CC18	0.0492	-0.3143	-0.0661	5.39E-6	-5.79E-5	-8.51E-6
	CC19	0.0501	-0.3133	-0.0643	5.52E-6	-5.93E-5	7.16E-6
	CC20	-0.0275	-0.2823	-0.0942	-1.07E-5	1.15E-4	5.87E-5
	CC21	-0.0266	-0.2813	-0.0924	-1.05E-5	1.13E-4	7.44E-5
656	CC1	-0.0004	-0.0061	-0.0977	4.26E-7	-4.57E-6	1.98E-6
	CC2	-0.0004	-0.0061	-0.0977	4.26E-7	-4.57E-6	1.98E-6
	CC3	-0.0004	-0.0061	-0.0977	4.26E-7	-4.57E-6	1.98E-6
	CC4	-0.0003	-0.0057	-0.0947	4.36E-7	-4.69E-6	1.93E-6
	CC5	-0.0003	-0.0057	-0.0947	4.36E-7	-4.69E-6	1.93E-6
	CC6	0.1267	0.0294	-0.0439	3.02E-5	-3.24E-4	-1.21E-4
	CC7	0.1266	0.0297	-0.0433	3.01E-5	-3.24E-4	-1.16E-4
	CC8	0.1323	-0.1463	-0.0648	2.78E-5	-2.99E-4	-1.06E-4
	CC9	0.1322	-0.1460	-0.0643	2.78E-5	-2.98E-4	-1.01E-4
	CC10	-0.1327	0.1348	-0.1232	-2.69E-5	2.89E-4	1.05E-4
	CC11	-0.1328	0.1351	-0.1226	-2.70E-5	2.90E-4	1.10E-4
	CC12	-0.1271	-0.0409	-0.1442	-2.92E-5	3.14E-4	1.20E-4
	CC13	-0.1272	-0.0406	-0.1436	-2.93E-5	3.15E-4	1.25E-4
	CC14	0.0295	0.2710	-0.0477	1.30E-5	-1.40E-4	-6.49E-5
	CC15	0.0291	0.2719	-0.0460	1.28E-5	-1.38E-4	-4.94E-5
	CC16	-0.0483	0.3026	-0.0716	-4.13E-6	4.44E-5	3.06E-6
	CC17	-0.0487	0.3035	-0.0698	-4.29E-6	4.61E-5	1.86E-5
	CC18	0.0482	-0.3147	-0.1177	5.17E-6	-5.55E-5	-1.47E-5

	CC19	0.0478	-0.3138	-0.1159	5.01E-6	-5.38E-5	7.71E-7
	CC20	-0.0296	-0.2831	-0.1415	-1.20E-5	1.28E-4	5.32E-5
	CC21	-0.0300	-0.2822	-0.1397	-1.21E-5	1.30E-4	6.88E-5
657	CC1	0.0002	-0.0081	-0.0986	2.94E-7	-3.16E-6	1.80E-6
	CC2	0.0002	-0.0081	-0.0986	2.94E-7	-3.16E-6	1.80E-6
	CC3	0.0002	-0.0081	-0.0986	2.94E-7	-3.16E-6	1.80E-6
	CC4	0.0003	-0.0076	-0.0956	2.97E-7	-3.19E-6	1.67E-6
	CC5	0.0003	-0.0076	-0.0956	2.97E-7	-3.19E-6	1.67E-6
	CC6	0.1522	0.0404	-0.0422	2.69E-5	-2.89E-4	-1.47E-4
	CC7	0.1520	0.0407	-0.0416	2.69E-5	-2.89E-4	-1.41E-4
	CC8	0.1601	-0.1798	-0.0652	2.53E-5	-2.72E-4	-1.23E-4
	CC9	0.1599	-0.1796	-0.0645	2.53E-5	-2.72E-4	-1.16E-4
	CC10	-0.1593	0.1647	-0.1246	-2.47E-5	2.65E-4	1.20E-4
	CC11	-0.1595	0.1649	-0.1240	-2.47E-5	2.66E-4	1.26E-4
	CC12	-0.1514	-0.0556	-0.1476	-2.63E-5	2.82E-4	1.44E-4
	CC13	-0.1516	-0.0553	-0.1470	-2.63E-5	2.83E-4	1.50E-4
	CC14	0.0341	0.3406	-0.0448	1.08E-5	-1.16E-4	-8.87E-5
	CC15	0.0336	0.3414	-0.0430	1.06E-5	-1.14E-4	-6.99E-5
	CC16	-0.0593	0.3779	-0.0696	-4.73E-6	5.08E-5	-8.65E-6
	CC17	-0.0599	0.3786	-0.0677	-4.87E-6	5.23E-5	1.02E-5
	CC18	0.0604	-0.3936	-0.1215	5.47E-6	-5.88E-5	-6.92E-6
	CC19	0.0599	-0.3928	-0.1196	5.33E-6	-5.72E-5	1.19E-5
	CC20	-0.0330	-0.3563	-0.1462	-1.00E-5	1.08E-4	7.32E-5
	CC21	-0.0335	-0.3555	-0.1444	-1.02E-5	1.09E-4	9.20E-5
658	CC1	0.0013	-0.0039	-0.0973	-3.46E-5	-1.92E-6	-1.69E-5
	CC2	0.0013	-0.0039	-0.0973	-3.46E-5	-1.92E-6	-1.69E-5
	CC3	0.0013	-0.0039	-0.0973	-3.46E-5	-1.92E-6	-1.69E-5
	CC4	0.0013	-0.0034	-0.0945	-3.24E-5	-1.80E-6	-1.62E-5
	CC5	0.0013	-0.0034	-0.0945	-3.24E-5	-1.80E-6	-1.62E-5
	CC6	0.1384	0.1365	-0.1279	1.75E-4	9.73E-6	-2.05E-4
	CC7	0.1398	0.1330	-0.1278	1.67E-4	9.28E-6	-1.98E-4
	CC8	0.1526	-0.1038	-0.1015	-3.54E-4	-1.97E-5	-1.24E-4
	CC9	0.1540	-0.1073	-0.1014	-3.62E-4	-2.01E-5	-1.17E-4
	CC10	-0.1513	0.1007	-0.0858	2.99E-4	1.66E-5	8.47E-5
	CC11	-0.1499	0.0973	-0.0857	2.91E-4	1.62E-5	9.17E-5
	CC12	-0.1371	-0.1396	-0.0595	-2.31E-4	-1.28E-5	1.66E-4
	CC13	-0.1357	-0.1431	-0.0594	-2.39E-4	-1.32E-5	1.73E-4
	CC14	0.0190	0.4079	-0.1440	8.45E-4	4.69E-5	-2.05E-4
	CC15	0.0233	0.3973	-0.1437	8.20E-4	4.55E-5	-1.84E-4
	CC16	-0.0679	0.3972	-0.1314	8.82E-4	4.90E-5	-1.18E-4
	CC17	-0.0636	0.3866	-0.1311	8.57E-4	4.76E-5	-9.69E-5
	CC18	0.0663	-0.3932	-0.0561	-9.21E-4	-5.11E-5	6.49E-5
	CC19	0.0706	-0.4037	-0.0558	-9.45E-4	-5.25E-5	8.63E-5
	CC20	-0.0206	-0.4039	-0.0435	-8.84E-4	-4.91E-5	1.52E-4
	CC21	-0.0163	-0.4145	-0.0432	-9.08E-4	-5.04E-5	1.73E-4
659	CC1	0.0008	-0.0018	-0.0962	-1.34E-5	-7.45E-7	-1.40E-5
	CC2	0.0008	-0.0018	-0.0962	-1.34E-5	-7.45E-7	-1.40E-5
	CC3	0.0008	-0.0018	-0.0962	-1.34E-5	-7.45E-7	-1.40E-5
	CC4	0.0009	-0.0015	-0.0935	-1.22E-5	-6.77E-7	-1.34E-5
	CC5	0.0009	-0.0015	-0.0935	-1.22E-5	-6.77E-7	-1.34E-5
	CC6	0.1151	0.1075	-0.1245	2.17E-4	1.21E-5	-1.33E-4
	CC7	0.1163	0.1048	-0.1244	2.07E-4	1.15E-5	-1.28E-4
	CC8	0.1253	-0.0822	-0.0989	-4.04E-4	-2.24E-5	-1.15E-4
	CC9	0.1265	-0.0849	-0.0988	-4.14E-4	-2.30E-5	-1.11E-4
	CC10	-0.1247	0.0821	-0.0864	3.91E-4	2.17E-5	8.41E-5
	CC11	-0.1236	0.0794	-0.0862	3.81E-4	2.11E-5	8.89E-5
	CC12	-0.1145	-0.1076	-0.0607	-2.31E-4	-1.28E-5	1.02E-4
	CC13	-0.1134	-0.1103	-0.0606	-2.41E-4	-1.34E-5	1.06E-4
	CC14	0.0181	0.3227	-0.1412	1.01E-3	5.62E-5	-8.23E-5
	CC15	0.0216	0.3145	-0.1408	9.83E-4	5.46E-5	-6.76E-5
	CC16	-0.0539	0.3151	-0.1298	1.07E-3	5.91E-5	-1.72E-5
	CC17	-0.0504	0.3069	-0.1294	1.04E-3	5.75E-5	-2.46E-6
	CC18	0.0521	-0.3097	-0.0557	-1.06E-3	-5.88E-5	-2.41E-5
	CC19	0.0556	-0.3179	-0.0553	-1.09E-3	-6.04E-5	-9.37E-6
	CC20	-0.0198	-0.3173	-0.0443	-1.01E-3	-5.59E-5	4.10E-5
	CC21	-0.0163	-0.3256	-0.0439	-1.04E-3	-5.75E-5	5.57E-5
660	CC1	0.0005	-0.0012	-0.0950	-1.54E-6	-8.54E-8	-7.61E-6
	CC2	0.0005	-0.0012	-0.0950	-1.54E-6	-8.54E-8	-7.61E-6
	CC3	0.0005	-0.0012	-0.0950	-1.54E-6	-8.54E-8	-7.61E-6
	CC4	0.0005	-0.0010	-0.0923	-8.62E-7	-4.79E-8	-7.41E-6
	CC5	0.0005	-0.0010	-0.0923	-8.62E-7	-4.79E-8	-7.41E-6
	CC6	0.0923	0.0813	-0.1205	3.16E-4	1.75E-5	-5.48E-5

	CC7	0.0932	0.0794	-0.1203	3.08E-4	1.71E-5	-5.22E-5
	CC8	0.0988	-0.0579	-0.0957	-2.02E-4	-1.12E-5	-1.10E-4
	CC9	0.0998	-0.0599	-0.0955	-2.10E-4	-1.17E-5	-1.08E-4
	CC10	-0.0986	0.0581	-0.0873	2.09E-4	1.16E-5	9.29E-5
	CC11	-0.0977	0.0561	-0.0871	2.01E-4	1.12E-5	9.56E-5
	CC12	-0.0921	-0.0812	-0.0625	-3.09E-4	-1.72E-5	3.75E-5
	CC13	-0.0912	-0.0831	-0.0623	-3.17E-4	-1.76E-5	4.01E-5
	CC14	0.0169	0.2377	-0.1379	8.91E-4	4.95E-5	5.89E-5
	CC15	0.0197	0.2318	-0.1375	8.68E-4	4.82E-5	6.69E-5
	CC16	-0.0404	0.2307	-0.1280	8.59E-4	4.77E-5	1.03E-4
	CC17	-0.0376	0.2248	-0.1275	8.35E-4	4.64E-5	1.11E-4
	CC18	0.0387	-0.2266	-0.0553	-8.37E-4	-4.64E-5	-1.26E-4
	CC19	0.0415	-0.2325	-0.0548	-8.60E-4	-4.77E-5	-1.18E-4
	CC20	-0.0186	-0.2336	-0.0453	-8.69E-4	-4.82E-5	-8.16E-5
	CC21	-0.0158	-0.2394	-0.0449	-8.92E-4	-4.95E-5	-7.36E-5
661	CC1	0.0004	-0.0020	-0.0946	-8.76E-6	-4.86E-7	-1.08E-5
	CC2	0.0004	-0.0020	-0.0946	-8.76E-6	-4.86E-7	-1.08E-5
	CC3	0.0004	-0.0020	-0.0946	-8.76E-6	-4.86E-7	-1.08E-5
	CC4	0.0004	-0.0018	-0.0919	-7.75E-6	-4.30E-7	-1.05E-5
	CC5	0.0004	-0.0018	-0.0919	-7.75E-6	-4.30E-7	-1.05E-5
	CC6	0.0919	0.0775	-0.1080	2.22E-4	1.23E-5	-9.34E-5
	CC7	0.0928	0.0758	-0.1078	2.15E-4	1.20E-5	-8.98E-5
	CC8	0.0986	-0.0636	-0.0839	-2.97E-4	-1.65E-5	-9.68E-5
	CC9	0.0995	-0.0652	-0.0837	-3.04E-4	-1.69E-5	-9.32E-5
	CC10	-0.0986	0.0619	-0.0984	2.89E-4	1.60E-5	7.25E-5
	CC11	-0.0977	0.0602	-0.0981	2.82E-4	1.57E-5	7.61E-5
	CC12	-0.0920	-0.0792	-0.0743	-2.30E-4	-1.28E-5	6.91E-5
	CC13	-0.0911	-0.0808	-0.0741	-2.37E-4	-1.32E-5	7.27E-5
	CC14	0.0166	0.2383	-0.1329	8.59E-4	4.77E-5	-3.52E-5
	CC15	0.0193	0.2333	-0.1323	8.38E-4	4.65E-5	-2.42E-5
	CC16	-0.0405	0.2336	-0.1300	8.79E-4	4.88E-5	1.46E-5
	CC17	-0.0378	0.2286	-0.1294	8.58E-4	4.76E-5	2.56E-5
	CC18	0.0387	-0.2320	-0.0526	-8.73E-4	-4.84E-5	-4.63E-5
	CC19	0.0414	-0.2369	-0.0520	-8.93E-4	-4.96E-5	-3.53E-5
	CC20	-0.0185	-0.2367	-0.0498	-8.53E-4	-4.73E-5	3.46E-6
	CC21	-0.0158	-0.2416	-0.0491	-8.73E-4	-4.85E-5	1.45E-5
662	CC1	0.0003	-0.0031	-0.0942	-1.56E-5	-8.68E-7	-1.40E-5
	CC2	0.0003	-0.0031	-0.0942	-1.56E-5	-8.68E-7	-1.40E-5
	CC3	0.0003	-0.0031	-0.0942	-1.56E-5	-8.68E-7	-1.40E-5
	CC4	0.0003	-0.0029	-0.0915	-1.43E-5	-7.93E-7	-1.35E-5
	CC5	0.0003	-0.0029	-0.0915	-1.43E-5	-7.93E-7	-1.35E-5
	CC6	0.0920	0.0772	-0.0953	2.13E-4	1.18E-5	-1.14E-4
	CC7	0.0929	0.0759	-0.0950	2.07E-4	1.15E-5	-1.10E-4
	CC8	0.0985	-0.0616	-0.0709	-2.82E-4	-1.56E-5	-8.25E-5
	CC9	0.0993	-0.0629	-0.0706	-2.87E-4	-1.60E-5	-7.84E-5
	CC10	-0.0986	0.0574	-0.1106	2.60E-4	1.44E-5	5.17E-5
	CC11	-0.0978	0.0561	-0.1103	2.54E-4	1.41E-5	5.58E-5
	CC12	-0.0922	-0.0815	-0.0862	-2.35E-4	-1.30E-5	8.36E-5
	CC13	-0.0913	-0.0828	-0.0859	-2.40E-4	-1.33E-5	8.77E-5
	CC14	0.0168	0.2336	-0.1294	8.11E-4	4.50E-5	-9.76E-5
	CC15	0.0195	0.2297	-0.1286	7.94E-4	4.41E-5	-8.53E-5
	CC16	-0.0404	0.2276	-0.1340	8.26E-4	4.58E-5	-4.78E-5
	CC17	-0.0377	0.2237	-0.1332	8.09E-4	4.49E-5	-3.55E-5
	CC18	0.0384	-0.2293	-0.0480	-8.36E-4	-4.64E-5	8.80E-6
	CC19	0.0411	-0.2331	-0.0472	-8.53E-4	-4.74E-5	2.10E-5
	CC20	-0.0188	-0.2352	-0.0526	-8.22E-4	-4.56E-5	5.86E-5
	CC21	-0.0161	-0.2391	-0.0518	-8.39E-4	-4.66E-5	7.09E-5
663	CC1	0.0012	-0.0053	-0.0966	-2.98E-5	-1.65E-6	-1.43E-5
	CC2	0.0012	-0.0053	-0.0966	-2.98E-5	-1.65E-6	-1.43E-5
	CC3	0.0012	-0.0053	-0.0966	-2.98E-5	-1.65E-6	-1.43E-5
	CC4	0.0013	-0.0048	-0.0938	-2.77E-5	-1.54E-6	-1.38E-5
	CC5	0.0013	-0.0048	-0.0938	-2.77E-5	-1.54E-6	-1.38E-5
	CC6	0.1379	0.1220	-0.1125	2.03E-4	1.12E-5	-1.57E-4
	CC7	0.1393	0.1191	-0.1122	1.96E-4	1.09E-5	-1.51E-4
	CC8	0.1517	-0.1131	-0.0861	-3.34E-4	-1.85E-5	-1.40E-4
	CC9	0.1531	-0.1160	-0.0859	-3.41E-4	-1.89E-5	-1.34E-4
	CC10	-0.1505	0.1068	-0.0999	2.87E-4	1.59E-5	1.07E-4
	CC11	-0.1491	0.1039	-0.0997	2.80E-4	1.55E-5	1.13E-4
	CC12	-0.1366	-0.1283	-0.0736	-2.50E-4	-1.39E-5	1.23E-4
	CC13	-0.1353	-0.1312	-0.0734	-2.57E-4	-1.42E-5	1.29E-4
	CC14	0.0194	0.3939	-0.1390	8.65E-4	4.80E-5	-8.97E-5
	CC15	0.0236	0.3852	-0.1383	8.44E-4	4.68E-5	-7.14E-5

	CC16	-0.0671	0.3894	-0.1352	8.90E-4	4.94E-5	-1.06E-5
	CC17	-0.0629	0.3806	-0.1346	8.69E-4	4.82E-5	7.65E-6
	CC18	0.0656	-0.3898	-0.0513	-9.23E-4	-5.13E-5	-3.49E-5
	CC19	0.0697	-0.3986	-0.0506	-9.45E-4	-5.24E-5	-1.67E-5
	CC20	-0.0209	-0.3943	-0.0475	-8.98E-4	-4.98E-5	4.42E-5
	CC21	-0.0168	-0.4031	-0.0468	-9.19E-4	-5.10E-5	6.24E-5
664	CC1	0.0007	-0.0032	-0.0956	-1.79E-5	-9.95E-7	-1.51E-5
	CC2	0.0007	-0.0032	-0.0956	-1.79E-5	-9.95E-7	-1.51E-5
	CC3	0.0007	-0.0032	-0.0956	-1.79E-5	-9.95E-7	-1.51E-5
	CC4	0.0008	-0.0028	-0.0929	-1.65E-5	-9.15E-7	-1.46E-5
	CC5	0.0008	-0.0028	-0.0929	-1.65E-5	-9.15E-7	-1.46E-5
	CC6	0.1145	0.1001	-0.1105	2.16E-4	1.20E-5	-1.29E-4
	CC7	0.1156	0.0979	-0.1103	2.09E-4	1.16E-5	-1.24E-4
	CC8	0.1245	-0.0879	-0.0851	-3.31E-4	-1.83E-5	-1.19E-4
	CC9	0.1257	-0.0902	-0.0849	-3.38E-4	-1.88E-5	-1.14E-4
	CC10	-0.1241	0.0848	-0.0991	3.06E-4	1.70E-5	8.55E-5
	CC11	-0.1229	0.0825	-0.0989	2.99E-4	1.66E-5	9.02E-5
	CC12	-0.1140	-0.1032	-0.0737	-2.41E-4	-1.34E-5	9.50E-5
	CC13	-0.1129	-0.1055	-0.0735	-2.48E-4	-1.38E-5	9.98E-5
	CC14	0.0181	0.3164	-0.1364	8.93E-4	4.96E-5	-6.97E-5
	CC15	0.0215	0.3095	-0.1357	8.70E-4	4.83E-5	-5.52E-5
	CC16	-0.0534	0.3118	-0.1330	9.20E-4	5.11E-5	-5.45E-6
	CC17	-0.0500	0.3049	-0.1323	8.97E-4	4.98E-5	9.02E-6
	CC18	0.0516	-0.3103	-0.0517	-9.29E-4	-5.16E-5	-3.78E-5
	CC19	0.0550	-0.3172	-0.0511	-9.52E-4	-5.28E-5	-2.33E-5
	CC20	-0.0200	-0.3149	-0.0483	-9.02E-4	-5.01E-5	2.64E-5
	CC21	-0.0165	-0.3218	-0.0477	-9.25E-4	-5.13E-5	4.09E-5
665	CC1	0.0007	-0.0043	-0.0951	-1.28E-5	-7.12E-7	-1.14E-5
	CC2	0.0007	-0.0043	-0.0951	-1.28E-5	-7.12E-7	-1.14E-5
	CC3	0.0007	-0.0043	-0.0951	-1.28E-5	-7.12E-7	-1.14E-5
	CC4	0.0007	-0.0039	-0.0924	-1.17E-5	-6.47E-7	-1.11E-5
	CC5	0.0007	-0.0039	-0.0924	-1.17E-5	-6.47E-7	-1.11E-5
	CC6	0.1144	0.0993	-0.0961	2.55E-4	1.41E-5	-1.25E-4
	CC7	0.1155	0.0975	-0.0958	2.48E-4	1.38E-5	-1.20E-4
	CC8	0.1243	-0.0871	-0.0702	-3.23E-4	-1.79E-5	-1.14E-4
	CC9	0.1254	-0.0889	-0.0699	-3.30E-4	-1.83E-5	-1.09E-4
	CC10	-0.1239	0.0812	-0.1130	3.07E-4	1.71E-5	8.72E-5
	CC11	-0.1228	0.0794	-0.1127	3.01E-4	1.67E-5	9.21E-5
	CC12	-0.1141	-0.1052	-0.0871	-2.71E-4	-1.50E-5	9.85E-5
	CC13	-0.1130	-0.1070	-0.0868	-2.77E-4	-1.54E-5	1.03E-4
	CC14	0.0184	0.3123	-0.1326	9.54E-4	5.30E-5	-6.89E-5
	CC15	0.0217	0.3068	-0.1317	9.34E-4	5.19E-5	-5.43E-5
	CC16	-0.0531	0.3069	-0.1377	9.70E-4	5.38E-5	-5.17E-6
	CC17	-0.0498	0.3014	-0.1368	9.50E-4	5.27E-5	9.47E-6
	CC18	0.0513	-0.3090	-0.0462	-9.72E-4	-5.40E-5	-3.13E-5
	CC19	0.0546	-0.3145	-0.0453	-9.92E-4	-5.51E-5	-1.67E-5
	CC20	-0.0203	-0.3145	-0.0513	-9.57E-4	-5.31E-5	3.24E-5
	CC21	-0.0169	-0.3200	-0.0504	-9.77E-4	-5.42E-5	4.70E-5
666	CC1	0.0012	-0.0062	-0.0960	-3.12E-5	-1.73E-6	-6.43E-6
	CC2	0.0012	-0.0062	-0.0960	-3.12E-5	-1.73E-6	-6.43E-6
	CC3	0.0012	-0.0062	-0.0960	-3.12E-5	-1.73E-6	-6.43E-6
	CC4	0.0013	-0.0057	-0.0932	-2.90E-5	-1.61E-6	-6.33E-6
	CC5	0.0013	-0.0057	-0.0932	-2.90E-5	-1.61E-6	-6.33E-6
	CC6	0.1378	0.1211	-0.0964	1.98E-4	1.10E-5	-1.28E-4
	CC7	0.1391	0.1187	-0.0960	1.92E-4	1.07E-5	-1.22E-4
	CC8	0.1515	-0.1134	-0.0694	-3.19E-4	-1.77E-5	-1.51E-4
	CC9	0.1529	-0.1157	-0.0691	-3.24E-4	-1.80E-5	-1.46E-4
	CC10	-0.1503	0.1048	-0.1155	2.68E-4	1.49E-5	1.33E-4
	CC11	-0.1490	0.1024	-0.1152	2.62E-4	1.45E-5	1.39E-4
	CC12	-0.1365	-0.1297	-0.0885	-2.49E-4	-1.38E-5	1.10E-4
	CC13	-0.1352	-0.1320	-0.0882	-2.54E-4	-1.41E-5	1.15E-4
	CC14	0.0196	0.3913	-0.1349	8.30E-4	4.61E-5	-1.53E-5
	CC15	0.0236	0.3841	-0.1339	8.13E-4	4.51E-5	1.89E-6
	CC16	-0.0669	0.3864	-0.1406	8.51E-4	4.72E-5	6.30E-5
	CC17	-0.0628	0.3793	-0.1396	8.34E-4	4.63E-5	8.01E-5
	CC18	0.0654	-0.3902	-0.0449	-8.91E-4	-4.94E-5	-9.27E-5
	CC19	0.0694	-0.3973	-0.0440	-9.08E-4	-5.04E-5	-7.56E-5
	CC20	-0.0211	-0.3951	-0.0507	-8.70E-4	-4.83E-5	-1.45E-5
	CC21	-0.0170	-0.4022	-0.0497	-8.87E-4	-4.92E-5	2.66E-6
667	CC1	0.0013	-0.0038	-0.1130	-4.14E-6	0.00E+0	1.69E-6
	CC2	0.0013	-0.0038	-0.1130	-4.14E-6	0.00E+0	1.69E-6
	CC3	0.0013	-0.0038	-0.1130	-4.14E-6	0.00E+0	1.69E-6

	CC4	0.0013	-0.0035	-0.1102	-3.56E-6	0.00E+0	1.69E-6
	CC5	0.0013	-0.0035	-0.1102	-3.56E-6	0.00E+0	1.69E-6
	CC6	0.1148	0.1753	-0.1391	6.07E-4	6.90E-29	-1.13E-4
	CC7	0.1160	0.1697	-0.1382	5.89E-4	6.90E-29	-1.08E-4
	CC8	0.1257	-0.0264	-0.1085	-9.55E-5	2.64E-29	-1.03E-4
	CC9	0.1268	-0.0320	-0.1076	-1.14E-4	2.64E-29	-9.83E-5
	CC10	-0.1242	0.0253	-0.1108	1.07E-4	-2.64E-29	1.02E-4
	CC11	-0.1230	0.0197	-0.1100	8.87E-5	-2.64E-29	1.06E-4
	CC12	-0.1133	-0.1764	-0.0802	-5.95E-4	-6.90E-29	1.12E-4
	CC13	-0.1122	-0.1820	-0.0794	-6.14E-4	-6.90E-29	1.16E-4
	CC14	0.0174	0.3638	-0.1657	1.27E-3	8.53E-29	-5.43E-5
	CC15	0.0209	0.3467	-0.1632	1.21E-3	8.53E-29	-3.96E-5
	CC16	-0.0543	0.3188	-0.1572	1.12E-3	5.67E-29	1.01E-5
	CC17	-0.0508	0.3017	-0.1547	1.06E-3	5.67E-29	2.47E-5
	CC18	0.0534	-0.3084	-0.0638	-1.07E-3	-5.67E-29	-2.14E-5
	CC19	0.0570	-0.3255	-0.0612	-1.13E-3	-5.67E-29	-6.71E-6
	CC20	-0.0183	-0.3534	-0.0553	-1.22E-3	-8.53E-29	4.30E-5
	CC21	-0.0147	-0.3705	-0.0527	-1.28E-3	-8.53E-29	5.77E-5
668	CC1	0.0013	-0.0039	-0.1133	-6.69E-6	0.00E+0	7.94E-7
	CC2	0.0013	-0.0039	-0.1133	-6.69E-6	0.00E+0	7.94E-7
	CC3	0.0013	-0.0039	-0.1133	-6.69E-6	0.00E+0	7.94E-7
	CC4	0.0014	-0.0036	-0.1105	-5.89E-6	0.00E+0	8.39E-7
	CC5	0.0014	-0.0036	-0.1105	-5.89E-6	0.00E+0	8.39E-7
	CC6	0.1147	0.1833	-0.1406	6.19E-4	2.13E-29	-1.16E-4
	CC7	0.1159	0.1774	-0.1399	6.00E-4	2.13E-29	-1.11E-4
	CC8	0.1255	-0.0191	-0.1116	-7.18E-5	8.15E-3	-1.04E-4
	CC9	0.1267	-0.0250	-0.1109	-9.11E-5	8.15E-3	-9.90E-5
	CC10	-0.1239	0.0182	-0.1082	7.98E-5	-8.15E-3	1.01E-4
	CC11	-0.1227	0.0122	-0.1075	6.05E-5	-8.15E-3	1.06E-4
	CC12	-0.1131	-0.1843	-0.0792	-6.11E-4	-2.13E-29	1.13E-4
	CC13	-0.1119	-0.1902	-0.0785	-6.31E-4	-2.13E-29	1.18E-4
	CC14	0.0174	0.3677	-0.1639	1.26E-3	2.63E-29	-5.91E-5
	CC15	0.0209	0.3496	-0.1617	1.20E-3	2.63E-29	-4.42E-5
	CC16	-0.0542	0.3182	-0.1541	1.09E-3	1.75E-29	5.89E-6
	CC17	-0.0506	0.3001	-0.1520	1.04E-3	1.75E-29	2.08E-5
	CC18	0.0534	-0.3069	-0.0671	-1.05E-3	-1.75E-29	-1.91E-5
	CC19	0.0570	-0.3251	-0.0650	-1.11E-3	-1.75E-29	-4.18E-6
	CC20	-0.0181	-0.3565	-0.0574	-1.21E-3	-2.63E-29	4.59E-5
	CC21	-0.0146	-0.3746	-0.0553	-1.27E-3	-2.63E-29	6.08E-5
669	CC1	0.0014	-0.0039	-0.1135	-7.22E-6	0.00E+0	-3.07E-7
	CC2	0.0014	-0.0039	-0.1135	-7.22E-6	0.00E+0	-3.07E-7
	CC3	0.0014	-0.0039	-0.1135	-7.22E-6	0.00E+0	-3.07E-7
	CC4	0.0014	-0.0036	-0.1108	-6.36E-6	0.00E+0	-2.05E-7
	CC5	0.0014	-0.0036	-0.1108	-6.36E-6	0.00E+0	-2.05E-7
	CC6	0.1149	0.1918	-0.1523	6.54E-4	5.37E-29	-1.25E-4
	CC7	0.1161	0.1855	-0.1517	6.33E-4	5.37E-29	-1.19E-4
	CC8	0.1258	-0.0117	-0.1247	-4.79E-5	2.02E-29	-1.05E-4
	CC9	0.1270	-0.0181	-0.1242	-6.86E-5	2.02E-29	-9.96E-5
	CC10	-0.1241	0.0111	-0.0955	5.64E-5	-2.02E-29	9.92E-5
	CC11	-0.1229	0.0048	-0.0949	3.58E-5	-2.02E-29	1.04E-4
	CC12	-0.1132	-0.1924	-0.0680	-6.45E-4	-5.37E-29	1.19E-4
	CC13	-0.1120	-0.1988	-0.0674	-6.66E-4	-5.37E-29	1.24E-4
	CC14	0.0174	0.3725	-0.1652	1.28E-3	6.68E-29	-7.47E-5
	CC15	0.0210	0.3533	-0.1634	1.22E-3	6.68E-29	-5.90E-5
	CC16	-0.0543	0.3183	-0.1481	1.10E-3	4.47E-29	-7.57E-6
	CC17	-0.0507	0.2991	-0.1464	1.04E-3	4.47E-29	8.15E-6
	CC18	0.0537	-0.3060	-0.0733	-1.05E-3	-4.47E-29	-8.49E-6
	CC19	0.0572	-0.3252	-0.0715	-1.12E-3	-4.47E-29	7.23E-6
	CC20	-0.0181	-0.3602	-0.0563	-1.23E-3	-6.68E-29	5.87E-5
	CC21	-0.0145	-0.3794	-0.0545	-1.30E-3	-6.68E-29	7.44E-5
670	CC1	0.0015	-0.0038	-0.1137	-6.00E-6	0.00E+0	-1.10E-6
	CC2	0.0015	-0.0038	-0.1137	-6.00E-6	0.00E+0	-1.10E-6
	CC3	0.0015	-0.0038	-0.1137	-6.00E-6	0.00E+0	-1.10E-6
	CC4	0.0015	-0.0035	-0.1110	-5.20E-6	0.00E+0	-9.54E-7
	CC5	0.0015	-0.0035	-0.1110	-5.20E-6	0.00E+0	-9.54E-7
	CC6	0.1156	0.2009	-0.1653	7.14E-4	1.79E-29	-1.31E-4
	CC7	0.1168	0.1941	-0.1649	6.91E-4	1.79E-29	-1.25E-4
	CC8	0.1266	-0.0043	-0.1392	-2.17E-5	6.80E-3	-1.05E-4
	CC9	0.1278	-0.0110	-0.1388	-4.45E-5	6.80E-3	-9.93E-5
	CC10	-0.1247	0.0042	-0.0814	3.47E-5	-6.80E-3	9.75E-5
	CC11	-0.1235	-0.0025	-0.0809	1.18E-5	-6.80E-3	1.03E-4
	CC12	-0.1137	-0.2010	-0.0553	-7.01E-4	-1.79E-29	1.23E-4

	CC13	-0.1126	-0.2077	-0.0548	-7.23E-4	-1.79E-29	1.29E-4
	CC14	0.0175	0.3782	-0.1668	1.36E-3	2.22E-29	-8.64E-5
	CC15	0.0211	0.3579	-0.1655	1.29E-3	2.22E-29	-7.00E-5
	CC16	-0.0546	0.3192	-0.1417	1.15E-3	1.48E-29	-1.80E-5
	CC17	-0.0510	0.2989	-0.1403	1.08E-3	1.48E-29	-1.64E-6
	CC18	0.0540	-0.3057	-0.0799	-1.09E-3	-1.48E-29	-1.77E-7
	CC19	0.0577	-0.3261	-0.0785	-1.16E-3	-1.48E-29	1.61E-5
	CC20	-0.0180	-0.3647	-0.0547	-1.30E-3	-2.22E-29	6.82E-5
	CC21	-0.0144	-0.3851	-0.0533	-1.37E-3	-2.22E-29	8.46E-5
671	CC1	0.0020	-0.0057	-0.1152	-2.74E-5	0.00E+0	-2.06E-6
	CC2	0.0020	-0.0057	-0.1152	-2.74E-5	0.00E+0	-2.06E-6
	CC3	0.0020	-0.0057	-0.1152	-2.74E-5	0.00E+0	-2.06E-6
	CC4	0.0020	-0.0052	-0.1123	-2.50E-5	0.00E+0	-1.96E-6
	CC5	0.0020	-0.0052	-0.1123	-2.50E-5	0.00E+0	-1.96E-6
	CC6	0.1464	0.2556	-0.1511	4.49E-4	5.99E-29	-1.68E-4
	CC7	0.1479	0.2472	-0.1505	4.34E-4	5.99E-29	-1.61E-4
	CC8	0.1621	-0.0214	-0.1224	-6.93E-5	2.23E-29	-1.39E-4
	CC9	0.1636	-0.0298	-0.1217	-8.41E-5	2.23E-29	-1.32E-4
	CC10	-0.1595	0.0197	-0.1010	3.56E-5	-2.23E-29	1.28E-4
	CC11	-0.1580	0.0113	-0.1004	2.08E-5	-2.23E-29	1.35E-4
	CC12	-0.1438	-0.2573	-0.0723	-4.83E-4	-5.99E-29	1.57E-4
	CC13	-0.1423	-0.2657	-0.0717	-4.98E-4	-5.99E-29	1.64E-4
	CC14	0.0194	0.5046	-0.1677	9.24E-4	7.50E-29	-1.05E-4
	CC15	0.0240	0.4792	-0.1658	8.80E-4	7.50E-29	-8.38E-5
	CC16	-0.0723	0.4339	-0.1527	8.00E-4	5.03E-29	-1.59E-5
	CC17	-0.0677	0.4085	-0.1508	7.55E-4	5.03E-29	4.99E-6
	CC18	0.0718	-0.4186	-0.0720	-8.04E-4	-5.03E-29	-8.84E-6
	CC19	0.0764	-0.4440	-0.0701	-8.49E-4	-5.03E-29	1.20E-5
	CC20	-0.0199	-0.4894	-0.0570	-9.28E-4	-7.50E-29	7.99E-5
	CC21	-0.0153	-0.5148	-0.0551	-9.73E-4	-7.50E-29	1.01E-4
672	CC1	0.0017	-0.0045	-0.1144	-1.42E-5	0.00E+0	-4.60E-7
	CC2	0.0017	-0.0045	-0.1144	-1.42E-5	0.00E+0	-4.60E-7
	CC3	0.0017	-0.0045	-0.1144	-1.42E-5	0.00E+0	-4.60E-7
	CC4	0.0017	-0.0041	-0.1116	-1.28E-5	0.00E+0	-3.86E-7
	CC5	0.0017	-0.0041	-0.1116	-1.28E-5	0.00E+0	-3.86E-7
	CC6	0.1307	0.2269	-0.1519	5.89E-4	7.04E-29	-1.51E-4
	CC7	0.1320	0.2194	-0.1513	5.70E-4	7.04E-29	-1.45E-4
	CC8	0.1440	-0.0163	-0.1238	-5.92E-5	2.71E-29	-1.24E-4
	CC9	0.1454	-0.0237	-0.1232	-7.82E-5	2.71E-29	-1.18E-4
	CC10	-0.1419	0.0157	-0.0981	5.34E-5	-2.71E-29	1.17E-4
	CC11	-0.1406	0.0083	-0.0975	3.44E-5	-2.71E-29	1.23E-4
	CC12	-0.1286	-0.2274	-0.0700	-5.95E-4	-7.04E-29	1.44E-4
	CC13	-0.1272	-0.2349	-0.0694	-6.14E-4	-7.04E-29	1.50E-4
	CC14	0.0183	0.4442	-0.1665	1.18E-3	8.68E-29	-9.52E-5
	CC15	0.0224	0.4216	-0.1647	1.12E-3	8.68E-29	-7.62E-5
	CC16	-0.0634	0.3809	-0.1504	1.02E-3	5.76E-29	-1.48E-5
	CC17	-0.0593	0.3583	-0.1486	9.59E-4	5.76E-29	4.14E-6
	CC18	0.0628	-0.3663	-0.0727	-9.84E-4	-5.76E-29	-4.86E-6
	CC19	0.0669	-0.3889	-0.0709	-1.04E-3	-5.76E-29	1.41E-5
	CC20	-0.0190	-0.4296	-0.0566	-1.14E-3	-8.68E-29	7.55E-5
	CC21	-0.0149	-0.4522	-0.0548	-1.20E-3	-8.68E-29	9.45E-5
673	CC1	0.0017	-0.0044	-0.1147	-1.25E-5	0.00E+0	-2.61E-6
	CC2	0.0017	-0.0044	-0.1147	-1.25E-5	0.00E+0	-2.61E-6
	CC3	0.0017	-0.0044	-0.1147	-1.25E-5	0.00E+0	-2.61E-6
	CC4	0.0018	-0.0040	-0.1119	-1.12E-5	0.00E+0	-2.38E-6
	CC5	0.0018	-0.0040	-0.1119	-1.12E-5	0.00E+0	-2.38E-6
	CC6	0.1314	0.2396	-0.1667	6.31E-4	4.35E-29	-1.80E-4
	CC7	0.1328	0.2316	-0.1663	6.11E-4	4.35E-29	-1.73E-4
	CC8	0.1449	-0.0067	-0.1402	-3.48E-5	1.67E-29	-1.26E-4
	CC9	0.1463	-0.0147	-0.1398	-5.53E-5	1.67E-29	-1.19E-4
	CC10	-0.1427	0.0069	-0.0822	3.38E-5	-1.67E-29	1.14E-4
	CC11	-0.1413	-0.0011	-0.0817	1.33E-5	-1.67E-29	1.21E-4
	CC12	-0.1292	-0.2394	-0.0556	-6.32E-4	-4.35E-29	1.68E-4
	CC13	-0.1278	-0.2474	-0.0552	-6.53E-4	-4.35E-29	1.75E-4
	CC14	0.0183	0.4536	-0.1685	1.22E-3	5.38E-29	-1.47E-4
	CC15	0.0224	0.4294	-0.1671	1.16E-3	5.38E-29	-1.25E-4
	CC16	-0.0639	0.3837	-0.1431	1.04E-3	3.57E-29	-5.87E-5
	CC17	-0.0598	0.3596	-0.1418	9.79E-4	3.57E-29	-3.72E-5
	CC18	0.0634	-0.3674	-0.0801	-1.00E-3	-3.57E-29	3.26E-5
	CC19	0.0675	-0.3915	-0.0788	-1.06E-3	-3.57E-29	5.41E-5
	CC20	-0.0188	-0.4372	-0.0548	-1.18E-3	-5.38E-29	1.21E-4
	CC21	-0.0147	-0.4613	-0.0534	-1.24E-3	-5.38E-29	1.42E-4

674	CC1	0.0020	-0.0055	-0.1155	-2.37E-5	0.00E+0	-4.59E-6
	CC2	0.0020	-0.0055	-0.1155	-2.37E-5	0.00E+0	-4.59E-6
	CC3	0.0020	-0.0055	-0.1155	-2.37E-5	0.00E+0	-4.59E-6
	CC4	0.0021	-0.0050	-0.1127	-2.14E-5	0.00E+0	-4.28E-6
	CC5	0.0021	-0.0050	-0.1127	-2.14E-5	0.00E+0	-4.28E-6
	CC6	0.1469	0.2711	-0.1677	4.82E-4	3.59E-29	-2.02E-4
	CC7	0.1485	0.2621	-0.1673	4.66E-4	3.59E-29	-1.94E-4
	CC8	0.1628	-0.0097	-0.1409	-4.97E-5	1.38E-29	-1.41E-4
	CC9	0.1644	-0.0187	-0.1404	-6.57E-5	1.38E-29	-1.33E-4
	CC10	-0.1602	0.0091	-0.0831	2.42E-5	-1.38E-29	1.25E-4
	CC11	-0.1586	0.0001	-0.0827	8.24E-6	-1.38E-29	1.33E-4
	CC12	-0.1443	-0.2718	-0.0563	-5.08E-4	-3.59E-29	1.86E-4
	CC13	-0.1427	-0.2808	-0.0558	-5.24E-4	-3.59E-29	1.94E-4
	CC14	0.0193	0.5162	-0.1700	9.59E-4	4.44E-29	-1.68E-4
	CC15	0.0240	0.4889	-0.1686	9.10E-4	4.44E-29	-1.44E-4
	CC16	-0.0728	0.4376	-0.1446	8.21E-4	2.95E-29	-6.96E-5
	CC17	-0.0681	0.4103	-0.1432	7.73E-4	2.95E-29	-4.55E-5
	CC18	0.0724	-0.4200	-0.0803	-8.14E-4	-2.95E-29	3.72E-5
	CC19	0.0770	-0.4473	-0.0790	-8.63E-4	-2.95E-29	6.13E-5
	CC20	-0.0198	-0.4986	-0.0549	-9.51E-4	-4.44E-29	1.35E-4
	CC21	-0.0151	-0.5259	-0.0536	-1.00E-3	-4.44E-29	1.59E-4
675	CC1	0.0011	-0.0032	-0.1123	-9.71E-6	0.00E+0	4.97E-7
	CC2	0.0011	-0.0032	-0.1123	-9.71E-6	0.00E+0	4.97E-7
	CC3	0.0011	-0.0032	-0.1123	-9.71E-6	0.00E+0	4.97E-7
	CC4	0.0011	-0.0029	-0.1096	-8.70E-6	0.00E+0	5.11E-7
	CC5	0.0011	-0.0029	-0.1096	-8.70E-6	0.00E+0	5.11E-7
	CC6	0.0925	0.1430	-0.1613	5.97E-4	3.91E-29	-6.48E-5
	CC7	0.0934	0.1381	-0.1608	5.78E-4	3.91E-29	-6.18E-5
	CC8	0.0997	-0.0020	-0.1357	-2.27E-5	1.50E-29	-7.68E-5
	CC9	0.1006	-0.0068	-0.1352	-4.16E-5	1.50E-29	-7.38E-5
	CC10	-0.0984	0.0011	-0.0821	2.49E-5	-1.50E-29	7.48E-5
	CC11	-0.0974	-0.0038	-0.0817	5.95E-6	-1.50E-29	7.78E-5
	CC12	-0.0911	-0.1438	-0.0565	-5.95E-4	-3.91E-29	6.28E-5
	CC13	-0.0902	-0.1487	-0.0561	-6.14E-4	-3.91E-29	6.58E-5
	CC14	0.0163	0.2673	-0.1639	1.14E-3	4.82E-29	-4.99E-6
	CC15	0.0191	0.2526	-0.1625	1.08E-3	4.82E-29	4.09E-6
	CC16	-0.0410	0.2248	-0.1402	9.68E-4	3.20E-29	3.69E-5
	CC17	-0.0381	0.2100	-0.1388	9.10E-4	3.20E-29	4.60E-5
	CC18	0.0404	-0.2158	-0.0785	-9.27E-4	-3.20E-29	-4.49E-5
	CC19	0.0432	-0.2305	-0.0772	-9.84E-4	-3.20E-29	-3.59E-5
	CC20	-0.0169	-0.2583	-0.0548	-1.10E-3	-4.82E-29	-3.06E-6
	CC21	-0.0140	-0.2731	-0.0534	-1.16E-3	-4.82E-29	6.02E-6
676	CC1	0.0010	-0.0032	-0.1122	-1.01E-5	0.00E+0	-2.49E-7
	CC2	0.0010	-0.0032	-0.1122	-1.01E-5	0.00E+0	-2.49E-7
	CC3	0.0010	-0.0032	-0.1122	-1.01E-5	0.00E+0	-2.49E-7
	CC4	0.0010	-0.0029	-0.1095	-8.99E-6	0.00E+0	-1.58E-7
	CC5	0.0010	-0.0029	-0.1095	-8.99E-6	0.00E+0	-1.58E-7
	CC6	0.0917	0.1380	-0.1492	5.58E-4	5.55E-29	-7.53E-5
	CC7	0.0927	0.1334	-0.1486	5.41E-4	5.55E-29	-7.20E-5
	CC8	0.0990	-0.0076	-0.1221	-4.32E-5	2.08E-29	-7.76E-5
	CC9	0.0999	-0.0122	-0.1215	-6.07E-5	2.08E-29	-7.43E-5
	CC10	-0.0978	0.0065	-0.0957	4.34E-5	-2.08E-29	7.41E-5
	CC11	-0.0969	0.0019	-0.0951	2.60E-5	-2.08E-29	7.74E-5
	CC12	-0.0906	-0.1391	-0.0686	-5.58E-4	-5.55E-29	7.17E-5
	CC13	-0.0896	-0.1437	-0.0680	-5.75E-4	-5.55E-29	7.50E-5
	CC14	0.0160	0.2666	-0.1626	1.10E-3	6.92E-29	-2.37E-5
	CC15	0.0188	0.2525	-0.1608	1.04E-3	6.92E-29	-1.36E-5
	CC16	-0.0409	0.2271	-0.1466	9.43E-4	4.63E-29	2.11E-5
	CC17	-0.0381	0.2130	-0.1448	8.90E-4	4.63E-29	3.12E-5
	CC18	0.0402	-0.2187	-0.0724	-9.07E-4	-4.63E-29	-3.15E-5
	CC19	0.0430	-0.2328	-0.0706	-9.60E-4	-4.63E-29	-2.14E-5
	CC20	-0.0167	-0.2582	-0.0563	-1.06E-3	-6.92E-29	1.33E-5
	CC21	-0.0139	-0.2723	-0.0546	-1.11E-3	-6.92E-29	2.34E-5
677	CC1	0.0010	-0.0032	-0.1120	-8.72E-6	0.00E+0	-1.53E-6
	CC2	0.0010	-0.0032	-0.1120	-8.72E-6	0.00E+0	-1.53E-6
	CC3	0.0010	-0.0032	-0.1120	-8.72E-6	0.00E+0	-1.53E-6
	CC4	0.0010	-0.0030	-0.1092	-7.71E-6	0.00E+0	-1.32E-6
	CC5	0.0010	-0.0030	-0.1092	-7.71E-6	0.00E+0	-1.32E-6
	CC6	0.0914	0.1318	-0.1385	5.33E-4	1.57E-31	-9.49E-5
	CC7	0.0923	0.1274	-0.1378	5.17E-4	1.57E-31	-9.10E-5
	CC8	0.0986	-0.0133	-0.1101	-6.38E-5	5.99E-32	-7.78E-5
	CC9	0.0995	-0.0176	-0.1094	-8.02E-5	5.99E-32	-7.40E-5

	CC10	-0.0975	0.0118	-0.1072	6.54E-5	-5.99E-32	7.15E-5
	CC11	-0.0966	0.0075	-0.1065	4.91E-5	-5.99E-32	7.53E-5
	CC12	-0.0903	-0.1332	-0.0788	-5.31E-4	-1.57E-31	8.85E-5
	CC13	-0.0894	-0.1376	-0.0781	-5.48E-4	-1.57E-31	9.24E-5
	CC14	0.0160	0.2635	-0.1615	1.08E-3	1.94E-31	-6.05E-5
	CC15	0.0188	0.2502	-0.1593	1.03E-3	1.94E-31	-4.88E-5
	CC16	-0.0407	0.2275	-0.1521	9.42E-4	1.29E-31	-1.06E-5
	CC17	-0.0379	0.2143	-0.1500	8.92E-4	1.29E-31	1.09E-6
	CC18	0.0399	-0.2201	-0.0667	-9.07E-4	-1.29E-31	-3.58E-6
	CC19	0.0427	-0.2333	-0.0646	-9.57E-4	-1.29E-31	8.08E-6
	CC20	-0.0167	-0.2560	-0.0573	-1.05E-3	-1.94E-31	4.63E-5
	CC21	-0.0139	-0.2693	-0.0552	-1.10E-3	-1.94E-31	5.80E-5
678	CC1	0.0009	-0.0034	-0.1116	-6.23E-6	0.00E+0	-1.99E-6
	CC2	0.0009	-0.0034	-0.1116	-6.23E-6	0.00E+0	-1.99E-6
	CC3	0.0009	-0.0034	-0.1116	-6.23E-6	0.00E+0	-1.99E-6
	CC4	0.0010	-0.0031	-0.1088	-5.38E-6	0.00E+0	-1.72E-6
	CC5	0.0010	-0.0031	-0.1088	-5.38E-6	0.00E+0	-1.72E-6
	CC6	0.0913	0.1250	-0.1366	5.23E-4	2.94E-29	-1.03E-4
	CC7	0.0923	0.1209	-0.1357	5.07E-4	2.94E-29	-9.91E-5
	CC8	0.0984	-0.0185	-0.1068	-8.23E-5	1.11E-29	-7.72E-5
	CC9	0.0994	-0.0226	-0.1060	-9.81E-5	1.11E-29	-7.31E-5
	CC10	-0.0974	0.0166	-0.1098	8.79E-5	-1.11E-29	6.99E-5
	CC11	-0.0965	0.0125	-0.1090	7.21E-5	-1.11E-29	7.40E-5
	CC12	-0.0903	-0.1269	-0.0801	-5.17E-4	-2.94E-29	9.59E-5
	CC13	-0.0894	-0.1310	-0.0792	-5.33E-4	-2.94E-29	1.00E-4
	CC14	0.0160	0.2587	-0.1627	1.09E-3	3.65E-29	-7.71E-5
	CC15	0.0188	0.2462	-0.1603	1.04E-3	3.65E-29	-6.46E-5
	CC16	-0.0406	0.2261	-0.1547	9.62E-4	2.44E-29	-2.51E-5
	CC17	-0.0378	0.2137	-0.1522	9.14E-4	2.44E-29	-1.27E-5
	CC18	0.0397	-0.2197	-0.0636	-9.24E-4	-2.44E-29	9.46E-6
	CC19	0.0425	-0.2321	-0.0611	-9.72E-4	-2.44E-29	2.19E-5
	CC20	-0.0169	-0.2523	-0.0555	-1.05E-3	-3.65E-29	6.14E-5
	CC21	-0.0141	-0.2647	-0.0531	-1.10E-3	-3.65E-29	7.38E-5
679	CC1	0.0016	-0.0044	-0.1141	-1.38E-5	0.00E+0	1.77E-6
	CC2	0.0016	-0.0044	-0.1141	-1.38E-5	0.00E+0	1.77E-6
	CC3	0.0016	-0.0044	-0.1141	-1.38E-5	0.00E+0	1.77E-6
	CC4	0.0017	-0.0040	-0.1113	-1.25E-5	0.00E+0	1.71E-6
	CC5	0.0017	-0.0040	-0.1113	-1.25E-5	0.00E+0	1.71E-6
	CC6	0.1304	0.2161	-0.1397	5.69E-4	1.46E-29	-1.32E-4
	CC7	0.1317	0.2091	-0.1390	5.51E-4	1.46E-29	-1.27E-4
	CC8	0.1436	-0.0249	-0.1100	-8.18E-5	5.44E-3	-1.22E-4
	CC9	0.1450	-0.0319	-0.1093	-9.99E-5	5.44E-3	-1.16E-4
	CC10	-0.1416	0.0241	-0.1113	7.57E-5	-5.44E-3	1.20E-4
	CC11	-0.1403	0.0171	-0.1106	5.76E-5	-5.44E-3	1.25E-4
	CC12	-0.1283	-0.2169	-0.0816	-5.75E-4	-1.46E-29	1.30E-4
	CC13	-0.1270	-0.2239	-0.0809	-5.93E-4	-1.46E-29	1.36E-4
	CC14	0.0184	0.4372	-0.1652	1.17E-3	1.82E-29	-6.23E-5
	CC15	0.0224	0.4159	-0.1630	1.12E-3	1.82E-29	-4.51E-5
	CC16	-0.0632	0.3796	-0.1567	1.03E-3	1.22E-29	1.33E-5
	CC17	-0.0592	0.3584	-0.1544	9.71E-4	1.22E-29	3.06E-5
	CC18	0.0625	-0.3662	-0.0662	-9.96E-4	-1.22E-29	-2.72E-5
	CC19	0.0666	-0.3874	-0.0639	-1.05E-3	-1.22E-29	-9.92E-6
	CC20	-0.0191	-0.4238	-0.0577	-1.14E-3	-1.82E-29	4.84E-5
	CC21	-0.0150	-0.4450	-0.0554	-1.20E-3	-1.82E-29	6.57E-5
680	CC1	0.0018	-0.0055	-0.1147	-3.03E-5	0.00E+0	2.87E-6
	CC2	0.0018	-0.0055	-0.1147	-3.03E-5	0.00E+0	2.87E-6
	CC3	0.0018	-0.0055	-0.1147	-3.03E-5	0.00E+0	2.87E-6
	CC4	0.0019	-0.0050	-0.1119	-2.79E-5	0.00E+0	2.68E-6
	CC5	0.0019	-0.0050	-0.1119	-2.79E-5	0.00E+0	2.68E-6
	CC6	0.1450	0.2389	-0.1403	4.37E-4	1.86E-29	-1.39E-4
	CC7	0.1465	0.2313	-0.1395	4.23E-4	1.86E-29	-1.33E-4
	CC8	0.1604	-0.0336	-0.1094	-8.87E-5	7.19E-3	-1.35E-4
	CC9	0.1620	-0.0413	-0.1086	-1.03E-4	7.19E-3	-1.29E-4
	CC10	-0.1581	0.0315	-0.1133	4.89E-5	-7.19E-3	1.34E-4
	CC11	-0.1566	0.0238	-0.1124	3.46E-5	-7.19E-3	1.40E-4
	CC12	-0.1426	-0.2410	-0.0824	-4.77E-4	-1.86E-29	1.38E-4
	CC13	-0.1411	-0.2487	-0.0815	-4.91E-4	-1.86E-29	1.44E-4
	CC14	0.0194	0.4921	-0.1677	9.29E-4	2.29E-29	-5.41E-5
	CC15	0.0239	0.4688	-0.1652	8.86E-4	2.29E-29	-3.57E-5
	CC16	-0.0716	0.4299	-0.1596	8.13E-4	1.51E-29	2.76E-5
	CC17	-0.0670	0.4066	-0.1571	7.70E-4	1.51E-29	4.60E-5
	CC18	0.0709	-0.4163	-0.0648	-8.24E-4	-1.51E-29	-4.08E-5

	CC19	0.0754	-0.4396	-0.0623	-8.67E-4	-1.51E-29	-2.24E-5
	CC20	-0.0200	-0.4785	-0.0566	-9.40E-4	-2.29E-29	4.09E-5
	CC21	-0.0155	-0.5018	-0.0541	-9.84E-4	-2.29E-29	5.93E-5
681	CC1	0.0015	-0.0042	-0.1137	-1.17E-5	0.00E+0	3.67E-6
	CC2	0.0015	-0.0042	-0.1137	-1.17E-5	0.00E+0	3.67E-6
	CC3	0.0015	-0.0042	-0.1137	-1.17E-5	0.00E+0	3.67E-6
	CC4	0.0015	-0.0038	-0.1108	-1.06E-5	0.00E+0	3.50E-6
	CC5	0.0015	-0.0038	-0.1108	-1.06E-5	0.00E+0	3.50E-6
	CC6	0.1284	0.2031	-0.1409	5.63E-4	3.26E-29	-1.15E-4
	CC7	0.1297	0.1966	-0.1400	5.46E-4	3.26E-29	-1.10E-4
	CC8	0.1413	-0.0317	-0.1097	-9.98E-5	1.22E-29	-1.21E-4
	CC9	0.1426	-0.0382	-0.1089	-1.17E-4	1.22E-29	-1.16E-4
	CC10	-0.1395	0.0309	-0.1109	9.67E-5	-1.22E-29	1.22E-4
	CC11	-0.1382	0.0244	-0.1101	7.92E-5	-1.22E-29	1.28E-4
	CC12	-0.1266	-0.2040	-0.0798	-5.66E-4	-3.26E-29	1.17E-4
	CC13	-0.1252	-0.2104	-0.0789	-5.84E-4	-3.26E-29	1.22E-4
	CC14	0.0182	0.4234	-0.1677	1.19E-3	4.07E-29	-3.06E-5
	CC15	0.0222	0.4037	-0.1650	1.14E-3	4.07E-29	-1.47E-5
	CC16	-0.0622	0.3718	-0.1587	1.05E-3	2.73E-29	4.06E-5
	CC17	-0.0582	0.3521	-0.1561	9.98E-4	2.73E-29	5.65E-5
	CC18	0.0613	-0.3594	-0.0638	-1.02E-3	-2.73E-29	-4.96E-5
	CC19	0.0653	-0.3791	-0.0611	-1.07E-3	-2.73E-29	-3.38E-5
	CC20	-0.0191	-0.4111	-0.0548	-1.16E-3	-4.07E-29	2.16E-5
	CC21	-0.0150	-0.4307	-0.0521	-1.21E-3	-4.07E-29	3.74E-5
682	CC1	0.0025	-0.0045	-0.1139	0.00E+0	6.00E-6	2.00E-6
	CC2	0.0025	-0.0045	-0.1139	0.00E+0	6.00E-6	2.00E-6
	CC3	0.0025	-0.0045	-0.1139	0.00E+0	6.00E-6	2.00E-6
	CC4	0.0025	-0.0041	-0.1112	0.00E+0	5.37E-6	1.92E-6
	CC5	0.0025	-0.0041	-0.1112	0.00E+0	5.37E-6	1.92E-6
	CC6	0.1697	0.3229	-0.1250	2.42E-29	-3.16E-4	-1.50E-4
	CC7	0.1678	0.3115	-0.1255	2.42E-29	-3.12E-4	-1.44E-4
	CC8	0.1717	0.0545	-0.1313	9.20E-3	-3.30E-4	-1.21E-4
	CC9	0.1698	0.0431	-0.1318	9.20E-3	-3.27E-4	-1.15E-4
	CC10	-0.1648	-0.0510	-0.0889	-9.20E-3	3.37E-4	1.19E-4
	CC11	-0.1667	-0.0624	-0.0894	-9.20E-3	3.41E-4	1.25E-4
	CC12	-0.1628	-0.3194	-0.0953	-2.42E-29	3.22E-4	1.47E-4
	CC13	-0.1647	-0.3308	-0.0957	-2.42E-29	3.26E-4	1.54E-4
	CC14	0.0522	0.5168	-0.1044	3.01E-29	-7.43E-5	-9.61E-5
	CC15	0.0464	0.4822	-0.1059	3.01E-29	-6.26E-5	-7.69E-5
	CC16	-0.0481	0.4046	-0.0936	2.00E-29	1.21E-4	-1.55E-5
	CC17	-0.0539	0.3700	-0.0951	2.00E-29	1.33E-4	3.66E-6
	CC18	0.0588	-0.3779	-0.1256	-2.00E-29	-1.23E-4	1.22E-7
	CC19	0.0531	-0.4125	-0.1271	-2.00E-29	-1.11E-4	1.93E-5
	CC20	-0.0415	-0.4901	-0.1148	-3.01E-29	7.29E-5	8.07E-5
	CC21	-0.0473	-0.5246	-0.1163	-3.01E-29	8.47E-5	9.99E-5
683	CC1	0.0024	-0.0038	-0.1127	0.00E+0	-4.20E-6	1.55E-6
	CC2	0.0024	-0.0038	-0.1127	0.00E+0	-4.20E-6	1.55E-6
	CC3	0.0024	-0.0038	-0.1127	0.00E+0	-4.20E-6	1.55E-6
	CC4	0.0024	-0.0034	-0.1101	0.00E+0	-4.03E-6	1.49E-6
	CC5	0.0024	-0.0034	-0.1101	0.00E+0	-4.03E-6	1.49E-6
	CC6	0.1405	0.2554	-0.1280	1.48E-29	-3.48E-4	-1.24E-4
	CC7	0.1390	0.2463	-0.1283	1.48E-29	-3.43E-4	-1.18E-4
	CC8	0.1418	0.0459	-0.1254	5.56E-3	-3.50E-4	-1.02E-4
	CC9	0.1402	0.0368	-0.1257	5.56E-3	-3.46E-4	-9.70E-5
	CC10	-0.1353	-0.0435	-0.0928	-5.56E-3	3.38E-4	1.00E-4
	CC11	-0.1369	-0.0525	-0.0931	-5.56E-3	3.42E-4	1.05E-4
	CC12	-0.1341	-0.2529	-0.0902	-1.48E-29	3.35E-4	1.21E-4
	CC13	-0.1356	-0.2620	-0.0905	-1.48E-29	3.40E-4	1.27E-4
	CC14	0.0440	0.4044	-0.1184	1.84E-29	-1.10E-4	-7.55E-5
	CC15	0.0394	0.3768	-0.1193	1.84E-29	-9.60E-5	-5.97E-5
	CC16	-0.0387	0.3147	-0.1078	1.23E-29	9.56E-5	-8.42E-6
	CC17	-0.0434	0.2871	-0.1087	1.23E-29	1.10E-4	7.39E-6
	CC18	0.0483	-0.2937	-0.1098	-1.23E-29	-1.18E-4	-4.44E-6
	CC19	0.0436	-0.3213	-0.1107	-1.23E-29	-1.04E-4	1.14E-5
	CC20	-0.0345	-0.3834	-0.0992	-1.84E-29	8.80E-5	6.26E-5
	CC21	-0.0391	-0.4110	-0.1001	-1.84E-29	1.02E-4	7.84E-5
684	CC1	0.0022	-0.0031	-0.1112	0.00E+0	-2.25E-7	9.76E-7
	CC2	0.0022	-0.0031	-0.1112	0.00E+0	-2.25E-7	9.76E-7
	CC3	0.0022	-0.0031	-0.1112	0.00E+0	-2.25E-7	9.76E-7
	CC4	0.0022	-0.0028	-0.1086	0.00E+0	-5.00E-7	9.71E-7
	CC5	0.0022	-0.0028	-0.1086	0.00E+0	-5.00E-7	9.71E-7
	CC6	0.1118	0.1903	-0.1226	1.10E-29	-3.23E-4	-9.60E-5

	CC7	0.1107	0.1835	-0.1230	1.10E-29	-3.19E-4	-9.19E-5
	CC8	0.1107	0.0376	-0.1278	4.20E-3	-3.25E-4	-8.30E-5
	CC9	0.1096	0.0307	-0.1282	4.20E-3	-3.21E-4	-7.89E-5
	CC10	-0.1053	-0.0361	-0.0873	-4.20E-3	3.20E-4	8.09E-5
	CC11	-0.1064	-0.0430	-0.0877	-4.20E-3	3.24E-4	8.49E-5
	CC12	-0.1064	-0.1889	-0.0924	-1.10E-29	3.18E-4	9.39E-5
	CC13	-0.1075	-0.1958	-0.0929	-1.10E-29	3.22E-4	9.80E-5
	CC14	0.0383	0.2963	-0.1038	1.36E-29	-1.00E-4	-5.34E-5
	CC15	0.0348	0.2754	-0.1050	1.36E-29	-8.76E-5	-4.10E-5
	CC16	-0.0268	0.2284	-0.0931	9.06E-3	9.25E-5	-3.71E-7
	CC17	-0.0303	0.2075	-0.0944	9.06E-3	1.05E-4	1.20E-5
	CC18	0.0346	-0.2129	-0.1211	-9.06E-3	-1.06E-4	-1.01E-5
	CC19	0.0312	-0.2338	-0.1223	-9.06E-3	-9.37E-5	2.31E-6
	CC20	-0.0305	-0.2809	-0.1105	-1.36E-29	8.65E-5	4.30E-5
	CC21	-0.0340	-0.3017	-0.1117	-1.36E-29	9.91E-5	5.54E-5
685	CC1	0.0025	-0.0027	-0.1103	0.00E+0	-2.62E-6	3.80E-7
	CC2	0.0025	-0.0027	-0.1103	0.00E+0	-2.62E-6	3.80E-7
	CC3	0.0025	-0.0027	-0.1103	0.00E+0	-2.62E-6	3.80E-7
	CC4	0.0025	-0.0024	-0.1078	0.00E+0	-2.76E-6	3.48E-7
	CC5	0.0025	-0.0024	-0.1078	0.00E+0	-2.76E-6	3.48E-7
	CC6	0.1073	0.1907	-0.1233	1.17E-29	-2.99E-4	-9.73E-5
	CC7	0.1065	0.1838	-0.1234	1.17E-29	-2.97E-4	-9.33E-5
	CC8	0.1094	0.0380	-0.1308	4.38E-3	-3.22E-4	-8.12E-5
	CC9	0.1086	0.0311	-0.1310	4.38E-3	-3.20E-4	-7.71E-5
	CC10	-0.1037	-0.0358	-0.0831	-4.38E-3	3.14E-4	7.78E-5
	CC11	-0.1045	-0.0427	-0.0832	-4.38E-3	3.16E-4	8.19E-5
	CC12	-0.1016	-0.1885	-0.0906	-1.17E-29	2.92E-4	9.39E-5
	CC13	-0.1024	-0.1954	-0.0907	-1.17E-29	2.94E-4	9.80E-5
	CC14	0.0318	0.2965	-0.1003	1.45E-29	-6.02E-5	-5.90E-5
	CC15	0.0294	0.2757	-0.1008	1.45E-29	-5.37E-5	-4.66E-5
	CC16	-0.0315	0.2286	-0.0882	9.71E-3	1.24E-4	-6.43E-6
	CC17	-0.0339	0.2077	-0.0887	9.71E-3	1.30E-4	5.93E-6
	CC18	0.0388	-0.2125	-0.1253	-9.71E-3	-1.36E-4	-5.26E-6
	CC19	0.0364	-0.2333	-0.1258	-9.71E-3	-1.30E-4	7.10E-6
	CC20	-0.0245	-0.2804	-0.1132	-1.45E-29	4.81E-5	4.73E-5
	CC21	-0.0269	-0.3013	-0.1137	-1.45E-29	5.45E-5	5.97E-5
686	CC1	0.0028	-0.0039	-0.1118	0.00E+0	-2.88E-6	-1.61E-7
	CC2	0.0028	-0.0039	-0.1118	0.00E+0	-2.88E-6	-1.61E-7
	CC3	0.0028	-0.0039	-0.1118	0.00E+0	-2.88E-6	-1.61E-7
	CC4	0.0028	-0.0035	-0.1093	0.00E+0	-2.95E-6	-1.38E-7
	CC5	0.0028	-0.0035	-0.1093	0.00E+0	-2.95E-6	-1.38E-7
	CC6	0.1349	0.2557	-0.1220	5.99E-31	-3.18E-4	-1.25E-4
	CC7	0.1339	0.2465	-0.1223	5.99E-31	-3.16E-4	-1.19E-4
	CC8	0.1393	0.0459	-0.1342	2.30E-31	-3.47E-4	-1.03E-4
	CC9	0.1384	0.0368	-0.1346	2.30E-31	-3.45E-4	-9.81E-5
	CC10	-0.1329	-0.0436	-0.0823	-2.30E-31	3.39E-4	9.79E-5
	CC11	-0.1338	-0.0527	-0.0826	-2.30E-31	3.41E-4	1.03E-4
	CC12	-0.1284	-0.2533	-0.0945	-5.99E-31	3.10E-4	1.19E-4
	CC13	-0.1294	-0.2624	-0.0948	-5.99E-31	3.12E-4	1.24E-4
	CC14	0.0370	0.4049	-0.0935	7.39E-31	-5.67E-5	-7.68E-5
	CC15	0.0340	0.3772	-0.0945	7.39E-31	-5.04E-5	-6.11E-5
	CC16	-0.0434	0.3151	-0.0816	4.90E-31	1.40E-4	-1.00E-5
	CC17	-0.0463	0.2875	-0.0826	4.90E-31	1.47E-4	5.67E-6
	CC18	0.0518	-0.2942	-0.1342	-4.90E-31	-1.53E-4	-5.93E-6
	CC19	0.0489	-0.3219	-0.1352	-4.90E-31	-1.46E-4	9.77E-6
	CC20	-0.0285	-0.3840	-0.1223	-7.39E-31	4.45E-5	6.08E-5
	CC21	-0.0315	-0.4116	-0.1233	-7.39E-31	5.08E-5	7.65E-5
687	CC1	0.0027	-0.0051	-0.1129	0.00E+0	5.97E-6	3.26E-7
	CC2	0.0027	-0.0051	-0.1129	0.00E+0	5.97E-6	3.26E-7
	CC3	0.0027	-0.0051	-0.1129	0.00E+0	5.97E-6	3.26E-7
	CC4	0.0027	-0.0046	-0.1104	0.00E+0	5.40E-6	3.50E-7
	CC5	0.0027	-0.0046	-0.1104	0.00E+0	5.40E-6	3.50E-7
	CC6	0.1626	0.3230	-0.1260	3.24E-31	-3.06E-4	-1.50E-4
	CC7	0.1614	0.3116	-0.1261	3.24E-31	-3.03E-4	-1.44E-4
	CC8	0.1687	0.0540	-0.1335	1.24E-31	-3.15E-4	-1.24E-4
	CC9	0.1675	0.0426	-0.1337	1.24E-31	-3.13E-4	-1.18E-4
	CC10	-0.1621	-0.0516	-0.0853	-1.24E-31	3.23E-4	1.19E-4
	CC11	-0.1633	-0.0630	-0.0855	-1.24E-31	3.26E-4	1.25E-4
	CC12	-0.1560	-0.3206	-0.0929	-3.24E-31	3.14E-4	1.45E-4
	CC13	-0.1572	-0.3320	-0.0930	-3.24E-31	3.16E-4	1.51E-4
	CC14	0.0430	0.5172	-0.1028	4.01E-31	-7.72E-5	-9.31E-5
	CC15	0.0393	0.4826	-0.1033	4.01E-31	-6.92E-5	-7.41E-5

	CC16	-0.0544	0.4049	-0.0906	2.66E-31	1.12E-4	-1.25E-5
	CC17	-0.0580	0.3702	-0.0911	2.66E-31	1.20E-4	6.52E-6
	CC18	0.0635	-0.3792	-0.1279	-2.66E-31	-1.09E-4	-5.80E-6
	CC19	0.0598	-0.4139	-0.1284	-2.66E-31	-1.01E-4	1.32E-5
	CC20	-0.0339	-0.4916	-0.1157	-4.01E-31	7.96E-5	7.48E-5
	CC21	-0.0376	-0.5262	-0.1162	-4.01E-31	8.76E-5	9.39E-5
688	CC1	0.0025	-0.0033	-0.1119	-9.48E-6	1.08E-6	-3.01E-6
	CC2	0.0025	-0.0033	-0.1119	-9.48E-6	1.08E-6	-3.01E-6
	CC3	0.0025	-0.0033	-0.1119	-9.48E-6	1.08E-6	-3.01E-6
	CC4	0.0025	-0.0030	-0.1092	-8.53E-6	9.75E-7	-3.01E-6
	CC5	0.0025	-0.0030	-0.1092	-8.53E-6	9.75E-7	-3.01E-6
	CC6	0.1164	0.2010	-0.1270	7.13E-4	-8.15E-5	-1.55E-4
	CC7	0.1148	0.1937	-0.1293	6.89E-4	-7.87E-5	-1.49E-4
	CC8	0.1150	0.0449	-0.1857	1.19E-4	-1.36E-5	-9.01E-5
	CC9	0.1134	0.0376	-0.1880	9.44E-5	-1.08E-5	-8.42E-5
	CC10	-0.1084	-0.0435	-0.0287	-1.11E-4	1.27E-5	7.82E-5
	CC11	-0.1100	-0.0508	-0.0310	-1.35E-4	1.55E-5	8.41E-5
	CC12	-0.1098	-0.1995	-0.0874	-7.05E-4	8.06E-5	1.43E-4
	CC13	-0.1114	-0.2068	-0.0897	-7.30E-4	8.34E-5	1.49E-4
	CC14	0.0409	0.3050	-0.0218	1.14E-3	-1.31E-4	-1.55E-4
	CC15	0.0362	0.2828	-0.0288	1.07E-3	-1.22E-4	-1.37E-4
	CC16	-0.0265	0.2316	0.0077	8.96E-4	-1.02E-4	-8.47E-5
	CC17	-0.0313	0.2094	0.0007	8.21E-4	-9.39E-5	-6.67E-5
	CC18	0.0363	-0.2153	-0.2175	-8.38E-4	9.58E-5	6.07E-5
	CC19	0.0315	-0.2375	-0.2244	-9.12E-4	1.04E-4	7.87E-5
	CC20	-0.0312	-0.2886	-0.1880	-1.09E-3	1.24E-4	1.31E-4
	CC21	-0.0359	-0.3108	-0.1949	-1.16E-3	1.33E-4	1.49E-4
689	CC1	0.0025	-0.0040	-0.1132	-6.40E-6	7.32E-7	-1.51E-6
	CC2	0.0025	-0.0040	-0.1132	-6.40E-6	7.32E-7	-1.51E-6
	CC3	0.0025	-0.0040	-0.1132	-6.40E-6	7.32E-7	-1.51E-6
	CC4	0.0025	-0.0036	-0.1105	-5.50E-6	6.29E-7	-1.50E-6
	CC5	0.0025	-0.0036	-0.1105	-5.50E-6	6.29E-7	-1.50E-6
	CC6	0.1461	0.2671	-0.1289	7.86E-4	-8.99E-5	-1.32E-4
	CC7	0.1441	0.2575	-0.1314	7.59E-4	-8.68E-5	-1.27E-4
	CC8	0.1445	0.0549	-0.1928	1.28E-4	-1.46E-5	-1.03E-4
	CC9	0.1424	0.0453	-0.1953	1.01E-4	-1.15E-5	-9.75E-5
	CC10	-0.1374	-0.0523	-0.0239	-1.11E-4	1.27E-5	9.45E-5
	CC11	-0.1394	-0.0619	-0.0264	-1.38E-4	1.58E-5	9.99E-5
	CC12	-0.1391	-0.2645	-0.0878	-7.70E-4	8.80E-5	1.24E-4
	CC13	-0.1411	-0.2741	-0.0903	-7.97E-4	9.11E-5	1.29E-4
	CC14	0.0509	0.4126	-0.0151	1.27E-3	-1.45E-4	-9.20E-5
	CC15	0.0447	0.3835	-0.0226	1.19E-3	-1.36E-4	-7.58E-5
	CC16	-0.0342	0.3167	0.0164	9.98E-4	-1.14E-4	-2.41E-5
	CC17	-0.0403	0.2877	0.0089	9.16E-4	-1.05E-4	-7.82E-6
	CC18	0.0453	-0.2947	-0.2281	-9.27E-4	1.06E-4	4.82E-6
	CC19	0.0392	-0.3238	-0.2356	-1.01E-3	1.15E-4	2.11E-5
	CC20	-0.0397	-0.3905	-0.1966	-1.20E-3	1.37E-4	7.27E-5
	CC21	-0.0459	-0.4196	-0.2041	-1.28E-3	1.46E-4	8.90E-5
690	CC1	0.0022	-0.0047	-0.1142	-1.20E-5	1.38E-6	1.49E-6
	CC2	0.0022	-0.0047	-0.1142	-1.20E-5	1.38E-6	1.49E-6
	CC3	0.0022	-0.0047	-0.1142	-1.20E-5	1.38E-6	1.49E-6
	CC4	0.0022	-0.0043	-0.1115	-1.09E-5	1.25E-6	1.48E-6
	CC5	0.0022	-0.0043	-0.1115	-1.09E-5	1.25E-6	1.48E-6
	CC6	0.1756	0.3348	-0.1307	7.52E-4	-8.60E-5	-9.97E-5
	CC7	0.1731	0.3229	-0.1333	7.26E-4	-8.30E-5	-9.51E-5
	CC8	0.1739	0.0649	-0.1980	1.21E-4	-1.39E-5	-1.15E-4
	CC9	0.1714	0.0530	-0.2006	9.50E-5	-1.09E-5	-1.10E-4
	CC10	-0.1669	-0.0613	-0.0207	-1.16E-4	1.33E-5	1.13E-4
	CC11	-0.1694	-0.0732	-0.0233	-1.42E-4	1.63E-5	1.18E-4
	CC12	-0.1686	-0.3312	-0.0880	-7.47E-4	8.54E-5	9.80E-5
	CC13	-0.1711	-0.3431	-0.0906	-7.74E-4	8.84E-5	1.03E-4
	CC14	0.0601	0.5230	-0.0110	1.21E-3	-1.39E-4	-1.24E-5
	CC15	0.0525	0.4869	-0.0189	1.13E-3	-1.29E-4	1.54E-6
	CC16	-0.0426	0.4042	0.0220	9.51E-4	-1.09E-4	5.14E-5
	CC17	-0.0502	0.3681	0.0141	8.72E-4	-9.96E-5	6.54E-5
	CC18	0.0547	-0.3764	-0.2354	-8.93E-4	1.02E-4	-6.24E-5
	CC19	0.0471	-0.4125	-0.2433	-9.72E-4	1.11E-4	-4.84E-5
	CC20	-0.0480	-0.4953	-0.2024	-1.15E-3	1.32E-4	1.41E-6
	CC21	-0.0556	-0.5314	-0.2103	-1.23E-3	1.41E-4	1.54E-5
691	CC1	0.0028	-0.0026	-0.1094	-1.19E-5	1.21E-6	1.60E-6
	CC2	0.0028	-0.0026	-0.1094	-1.19E-5	1.21E-6	1.60E-6
	CC3	0.0028	-0.0026	-0.1094	-1.19E-5	1.21E-6	1.60E-6

	CC4	0.0028	-0.0023	-0.1070	-1.09E-5	1.11E-6	1.43E-6
	CC5	0.0028	-0.0023	-0.1070	-1.09E-5	1.11E-6	1.43E-6
	CC6	0.1047	0.2013	-0.1840	6.95E-4	-7.11E-5	-1.25E-4
	CC7	0.1043	0.1940	-0.1821	6.71E-4	-6.87E-5	-1.20E-4
	CC8	0.1085	0.0462	-0.1436	1.10E-4	-1.12E-5	-8.23E-5
	CC9	0.1081	0.0389	-0.1417	8.59E-5	-8.78E-6	-7.73E-5
	CC10	-0.1025	-0.0434	-0.0707	-1.07E-4	1.09E-5	8.00E-5
	CC11	-0.1029	-0.0507	-0.0688	-1.31E-4	1.34E-5	8.51E-5
	CC12	-0.0987	-0.1984	-0.0303	-6.93E-4	7.08E-5	1.22E-4
	CC13	-0.0991	-0.2058	-0.0284	-7.17E-4	7.33E-5	1.27E-4
	CC14	0.0281	0.3040	-0.1934	1.12E-3	-1.15E-4	-1.08E-4
	CC15	0.0269	0.2818	-0.1876	1.05E-3	-1.07E-4	-9.23E-5
	CC16	-0.0340	0.2306	-0.1594	8.81E-4	-9.01E-5	-4.62E-5
	CC17	-0.0353	0.2084	-0.1536	8.09E-4	-8.27E-5	-3.09E-5
	CC18	0.0409	-0.2129	-0.0587	-8.30E-4	8.49E-5	3.37E-5
	CC19	0.0396	-0.2351	-0.0530	-9.02E-4	9.23E-5	4.89E-5
	CC20	-0.0213	-0.2863	-0.0247	-1.07E-3	1.09E-4	9.51E-5
	CC21	-0.0225	-0.3085	-0.0190	-1.14E-3	1.17E-4	1.10E-4
692	CC1	0.0029	-0.0037	-0.1104	-1.32E-5	1.35E-6	1.06E-6
	CC2	0.0029	-0.0037	-0.1104	-1.32E-5	1.35E-6	1.06E-6
	CC3	0.0029	-0.0037	-0.1104	-1.32E-5	1.35E-6	1.06E-6
	CC4	0.0029	-0.0034	-0.1080	-1.21E-5	1.24E-6	1.04E-6
	CC5	0.0029	-0.0034	-0.1080	-1.21E-5	1.24E-6	1.04E-6
	CC6	0.1310	0.2679	-0.1890	7.95E-4	-8.13E-5	-1.16E-4
	CC7	0.1305	0.2583	-0.1870	7.67E-4	-7.85E-5	-1.11E-4
	CC8	0.1367	0.0560	-0.1451	1.18E-4	-1.21E-5	-9.87E-5
	CC9	0.1362	0.0464	-0.1431	9.09E-5	-9.30E-6	-9.39E-5
	CC10	-0.1304	-0.0530	-0.0712	-1.14E-4	1.17E-5	9.60E-5
	CC11	-0.1309	-0.0626	-0.0692	-1.42E-4	1.45E-5	1.01E-4
	CC12	-0.1246	-0.2648	-0.0273	-7.91E-4	8.09E-5	1.13E-4
	CC13	-0.1252	-0.2744	-0.0253	-8.18E-4	8.37E-5	1.18E-4
	CC14	0.0334	0.4125	-0.2011	1.29E-3	-1.32E-4	-6.65E-5
	CC15	0.0317	0.3833	-0.1949	1.21E-3	-1.24E-4	-5.17E-5
	CC16	-0.0450	0.3162	-0.1658	1.02E-3	-1.04E-4	-2.97E-6
	CC17	-0.0467	0.2871	-0.1596	9.37E-4	-9.58E-5	1.18E-5
	CC18	0.0525	-0.2936	-0.0548	-9.61E-4	9.82E-5	-9.71E-6
	CC19	0.0508	-0.3228	-0.0486	-1.04E-3	1.07E-4	5.04E-6
	CC20	-0.0259	-0.3899	-0.0194	-1.23E-3	1.26E-4	5.38E-5
	CC21	-0.0276	-0.4190	-0.0133	-1.32E-3	1.35E-4	6.86E-5
693	CC1	0.0027	-0.0048	-0.1112	-1.13E-5	1.15E-6	-3.38E-6
	CC2	0.0027	-0.0048	-0.1112	-1.13E-5	1.15E-6	-3.38E-6
	CC3	0.0027	-0.0048	-0.1112	-1.13E-5	1.15E-6	-3.38E-6
	CC4	0.0027	-0.0044	-0.1088	-1.02E-5	1.04E-6	-3.19E-6
	CC5	0.0027	-0.0044	-0.1088	-1.02E-5	1.04E-6	-3.19E-6
	CC6	0.1574	0.3368	-0.1925	7.51E-4	-7.68E-5	-1.12E-4
	CC7	0.1567	0.3248	-0.1904	7.25E-4	-7.41E-5	-1.07E-4
	CC8	0.1647	0.0661	-0.1460	1.16E-4	-1.18E-5	-1.20E-4
	CC9	0.1640	0.0542	-0.1438	8.97E-5	-9.18E-6	-1.16E-4
	CC10	-0.1586	-0.0626	-0.0722	-1.09E-4	1.12E-5	1.09E-4
	CC11	-0.1593	-0.0746	-0.0700	-1.35E-4	1.39E-5	1.14E-4
	CC12	-0.1512	-0.3332	-0.0256	-7.44E-4	7.61E-5	1.01E-4
	CC13	-0.1519	-0.3452	-0.0235	-7.70E-4	7.88E-5	1.05E-4
	CC14	0.0390	0.5249	-0.2069	1.22E-3	-1.24E-4	-2.91E-5
	CC15	0.0368	0.4886	-0.2004	1.14E-3	-1.16E-4	-1.44E-5
	CC16	-0.0558	0.4051	-0.1708	9.59E-4	-9.81E-5	3.72E-5
	CC17	-0.0580	0.3688	-0.1643	8.80E-4	-9.00E-5	5.19E-5
	CC18	0.0634	-0.3772	-0.0517	-8.99E-4	9.20E-5	-5.82E-5
	CC19	0.0612	-0.4135	-0.0452	-9.78E-4	1.00E-4	-4.34E-5
	CC20	-0.0314	-0.4970	-0.0156	-1.16E-3	1.18E-4	8.17E-6
	CC21	-0.0335	-0.5333	-0.0091	-1.24E-3	1.26E-4	2.29E-5
694	CC1	0.0011	-0.0073	-0.0948	-2.71E-5	0.00E+0	-9.91E-6
	CC2	0.0011	-0.0073	-0.0948	-2.71E-5	0.00E+0	-9.91E-6
	CC3	0.0011	-0.0073	-0.0948	-2.71E-5	0.00E+0	-9.91E-6
	CC4	0.0011	-0.0068	-0.0920	-2.52E-5	0.00E+0	-9.66E-6
	CC5	0.0011	-0.0068	-0.0920	-2.52E-5	0.00E+0	-9.66E-6
	CC6	0.1390	0.0816	-0.0758	1.94E-4	6.52E-29	-1.74E-4
	CC7	0.1403	0.0802	-0.0753	1.90E-4	6.52E-29	-1.67E-4
	CC8	0.1523	-0.1498	-0.0430	-3.20E-4	2.48E-29	-1.18E-4
	CC9	0.1536	-0.1512	-0.0425	-3.23E-4	2.48E-29	-1.12E-4
	CC10	-0.1513	0.1380	-0.1396	2.74E-4	-2.48E-29	9.25E-5
	CC11	-0.1500	0.1366	-0.1391	2.71E-4	-2.48E-29	9.90E-5
	CC12	-0.1380	-0.0933	-0.1068	-2.39E-4	-6.52E-29	1.48E-4

	CC13	-0.1367	-0.0947	-0.1063	-2.43E-4	-6.52E-29	1.55E-4
	CC14	0.0205	0.3727	-0.1368	8.25E-4	8.09E-29	-1.52E-4
	CC15	0.0246	0.3684	-0.1354	8.14E-4	8.09E-29	-1.32E-4
	CC16	-0.0666	0.3896	-0.1559	8.49E-4	5.39E-29	-7.21E-5
	CC17	-0.0625	0.3854	-0.1545	8.38E-4	5.39E-29	-5.24E-5
	CC18	0.0648	-0.3985	-0.0276	-8.87E-4	-5.39E-29	3.32E-5
	CC19	0.0689	-0.4028	-0.0262	-8.98E-4	-5.39E-29	5.29E-5
	CC20	-0.0223	-0.3816	-0.0468	-8.63E-4	-8.09E-29	1.13E-4
	CC21	-0.0182	-0.3858	-0.0453	-8.74E-4	-8.09E-29	1.33E-4
695	CC1	0.0005	-0.0056	-0.0941	-1.35E-5	0.00E+0	-4.84E-6
	CC2	0.0005	-0.0056	-0.0941	-1.35E-5	0.00E+0	-4.84E-6
	CC3	0.0005	-0.0056	-0.0941	-1.35E-5	0.00E+0	-4.84E-6
	CC4	0.0006	-0.0052	-0.0913	-1.23E-5	0.00E+0	-4.80E-6
	CC5	0.0006	-0.0052	-0.0913	-1.23E-5	0.00E+0	-4.80E-6
	CC6	0.1160	0.0608	-0.0779	2.35E-4	4.02E-29	-1.26E-4
	CC7	0.1172	0.0598	-0.0775	2.31E-4	4.02E-29	-1.21E-4
	CC8	0.1252	-0.1227	-0.0456	-3.34E-4	1.54E-29	-1.10E-4
	CC9	0.1263	-0.1237	-0.0452	-3.38E-4	1.54E-29	-1.05E-4
	CC10	-0.1251	0.1135	-0.1356	3.14E-4	-1.54E-29	9.57E-5
	CC11	-0.1240	0.1125	-0.1352	3.10E-4	-1.54E-29	1.01E-4
	CC12	-0.1159	-0.0700	-0.1034	-2.55E-4	-4.02E-29	1.12E-4
	CC13	-0.1148	-0.0710	-0.1029	-2.59E-4	-4.02E-29	1.17E-4
	CC14	0.0198	0.2944	-0.1361	9.31E-4	4.96E-29	-7.23E-5
	CC15	0.0231	0.2914	-0.1348	9.18E-4	4.96E-29	-5.68E-5
	CC16	-0.0526	0.3102	-0.1535	9.55E-4	3.30E-29	-5.71E-6
	CC17	-0.0492	0.3072	-0.1522	9.41E-4	3.30E-29	9.79E-6
	CC18	0.0504	-0.3173	-0.0287	-9.65E-4	-3.30E-29	-1.94E-5
	CC19	0.0538	-0.3204	-0.0274	-9.79E-4	-3.30E-29	-3.87E-6
	CC20	-0.0219	-0.3015	-0.0460	-9.42E-4	-4.96E-29	4.72E-5
	CC21	-0.0186	-0.3045	-0.0447	-9.55E-4	-4.96E-29	6.27E-5
696	CC1	0.0001	-0.0042	-0.0933	-2.08E-5	0.00E+0	1.82E-6
	CC2	0.0001	-0.0042	-0.0933	-2.08E-5	0.00E+0	1.82E-6
	CC3	0.0001	-0.0042	-0.0933	-2.08E-5	0.00E+0	1.82E-6
	CC4	0.0002	-0.0039	-0.0906	-1.93E-5	0.00E+0	1.60E-6
	CC5	0.0002	-0.0039	-0.0906	-1.93E-5	0.00E+0	1.60E-6
	CC6	0.0931	0.0409	-0.0786	1.84E-4	2.98E-29	-7.81E-5
	CC7	0.0939	0.0403	-0.0782	1.80E-4	2.98E-29	-7.44E-5
	CC8	0.0990	-0.0959	-0.0481	-2.99E-4	1.13E-29	-9.94E-5
	CC9	0.0999	-0.0966	-0.0477	-3.03E-4	1.13E-29	-9.57E-5
	CC10	-0.0995	0.0890	-0.1318	2.65E-4	-1.13E-29	9.88E-5
	CC11	-0.0986	0.0884	-0.1314	2.62E-4	-1.13E-29	1.02E-4
	CC12	-0.0935	-0.0479	-0.1012	-2.18E-4	-2.98E-29	7.74E-5
	CC13	-0.0927	-0.0485	-0.1008	-2.21E-4	-2.98E-29	8.11E-5
	CC14	0.0178	0.2180	-0.1333	7.79E-4	3.71E-29	4.95E-6
	CC15	0.0205	0.2161	-0.1321	7.68E-4	3.71E-29	1.61E-5
	CC16	-0.0400	0.2324	-0.1492	8.03E-4	2.47E-29	5.80E-5
	CC17	-0.0373	0.2306	-0.1480	7.93E-4	2.47E-29	6.92E-5
	CC18	0.0377	-0.2381	-0.0314	-8.30E-4	-2.47E-29	-6.61E-5
	CC19	0.0404	-0.2400	-0.0302	-8.41E-4	-2.47E-29	-5.49E-5
	CC20	-0.0201	-0.2237	-0.0474	-8.06E-4	-3.71E-29	-1.31E-5
	CC21	-0.0174	-0.2256	-0.0462	-8.16E-4	-3.71E-29	-1.89E-6
697	CC1	0.0010	-0.0079	-0.0941	-2.51E-5	0.00E+0	-5.79E-6
	CC2	0.0010	-0.0079	-0.0941	-2.51E-5	0.00E+0	-5.79E-6
	CC3	0.0010	-0.0079	-0.0941	-2.51E-5	0.00E+0	-5.79E-6
	CC4	0.0011	-0.0073	-0.0914	-2.33E-5	0.00E+0	-5.79E-6
	CC5	0.0011	-0.0073	-0.0914	-2.33E-5	0.00E+0	-5.79E-6
	CC6	0.1404	0.0704	-0.0712	1.78E-4	4.58E-29	-1.62E-4
	CC7	0.1417	0.0694	-0.0707	1.76E-4	4.58E-29	-1.55E-4
	CC8	0.1532	-0.1576	-0.0325	-3.39E-4	1.74E-29	-1.20E-4
	CC9	0.1545	-0.1585	-0.0320	-3.42E-4	1.74E-29	-1.14E-4
	CC10	-0.1523	0.1443	-0.1489	2.96E-4	-1.74E-29	1.02E-4
	CC11	-0.1510	0.1433	-0.1484	2.94E-4	-1.74E-29	1.08E-4
	CC12	-0.1395	-0.0837	-0.1102	-2.21E-4	-4.58E-29	1.44E-4
	CC13	-0.1382	-0.0847	-0.1097	-2.24E-4	-4.58E-29	1.50E-4
	CC14	0.0216	0.3632	-0.1441	8.26E-4	5.67E-29	-1.24E-4
	CC15	0.0257	0.3603	-0.1426	8.18E-4	5.67E-29	-1.05E-4
	CC16	-0.0662	0.3854	-0.1674	8.62E-4	3.77E-29	-4.53E-5
	CC17	-0.0621	0.3825	-0.1659	8.53E-4	3.77E-29	-2.60E-5
	CC18	0.0643	-0.3967	-0.0151	-8.99E-4	-3.77E-29	1.44E-5
	CC19	0.0684	-0.3997	-0.0135	-9.07E-4	-3.77E-29	3.37E-5
	CC20	-0.0235	-0.3746	-0.0384	-8.63E-4	-5.67E-29	9.35E-5
	CC21	-0.0194	-0.3775	-0.0368	-8.72E-4	-5.67E-29	1.13E-4

698	CC1	0.0005	-0.0059	-0.0935	-2.07E-5	0.00E+0	-2.29E-6
	CC2	0.0005	-0.0059	-0.0935	-2.07E-5	0.00E+0	-2.29E-6
	CC3	0.0005	-0.0059	-0.0935	-2.07E-5	0.00E+0	-2.29E-6
	CC4	0.0005	-0.0055	-0.0908	-1.93E-5	0.00E+0	-2.36E-6
	CC5	0.0005	-0.0055	-0.0908	-1.93E-5	0.00E+0	-2.36E-6
	CC6	0.1170	0.0517	-0.0723	1.87E-4	2.96E-29	-1.22E-4
	CC7	0.1181	0.0511	-0.0718	1.84E-4	2.96E-29	-1.17E-4
	CC8	0.1260	-0.1305	-0.0338	-3.36E-4	1.11E-29	-1.01E-4
	CC9	0.1271	-0.1311	-0.0333	-3.39E-4	1.11E-29	-9.62E-5
	CC10	-0.1260	0.1204	-0.1465	3.02E-4	-1.11E-29	9.14E-5
	CC11	-0.1248	0.1198	-0.1461	2.99E-4	-1.11E-29	9.64E-5
	CC12	-0.1170	-0.0618	-0.1080	-2.21E-4	-2.96E-29	1.12E-4
	CC13	-0.1159	-0.0624	-0.1075	-2.24E-4	-2.96E-29	1.17E-4
	CC14	0.0204	0.2889	-0.1437	8.41E-4	3.70E-29	-7.67E-5
	CC15	0.0238	0.2870	-0.1423	8.31E-4	3.70E-29	-6.15E-5
	CC16	-0.0525	0.3095	-0.1660	8.75E-4	2.47E-29	-1.26E-5
	CC17	-0.0491	0.3076	-0.1646	8.66E-4	2.47E-29	2.53E-6
	CC18	0.0502	-0.3183	-0.0153	-9.03E-4	-2.47E-29	-7.31E-6
	CC19	0.0536	-0.3202	-0.0138	-9.13E-4	-2.47E-29	7.86E-6
	CC20	-0.0227	-0.2977	-0.0375	-8.69E-4	-3.70E-29	5.67E-5
	CC21	-0.0193	-0.2996	-0.0361	-8.78E-4	-3.70E-29	7.19E-5
699	CC1	0.0000	-0.0041	-0.0929	-1.95E-5	0.00E+0	-6.93E-7
	CC2	0.0000	-0.0041	-0.0929	-1.95E-5	0.00E+0	-6.93E-7
	CC3	0.0000	-0.0041	-0.0929	-1.95E-5	0.00E+0	-6.93E-7
	CC4	0.0001	-0.0038	-0.0902	-1.82E-5	0.00E+0	-7.44E-7
	CC5	0.0001	-0.0038	-0.0902	-1.82E-5	0.00E+0	-7.44E-7
	CC6	0.0936	0.0341	-0.0722	1.66E-4	3.83E-29	-9.28E-5
	CC7	0.0945	0.0338	-0.0717	1.64E-4	3.83E-29	-8.89E-5
	CC8	0.0995	-0.1032	-0.0355	-3.25E-4	1.49E-29	-8.17E-5
	CC9	0.1004	-0.1035	-0.0351	-3.27E-4	1.49E-29	-7.78E-5
	CC10	-0.1001	0.0961	-0.1435	2.92E-4	-1.49E-29	7.63E-5
	CC11	-0.0992	0.0958	-0.1431	2.89E-4	-1.49E-29	8.02E-5
	CC12	-0.0942	-0.0413	-0.1068	-1.99E-4	-3.83E-29	8.73E-5
	CC13	-0.0934	-0.0416	-0.1064	-2.02E-4	-3.83E-29	9.12E-5
	CC14	0.0180	0.2163	-0.1404	7.86E-4	4.70E-29	-5.04E-5
	CC15	0.0207	0.2154	-0.1390	7.78E-4	4.70E-29	-3.86E-5
	CC16	-0.0401	0.2349	-0.1618	8.23E-4	3.10E-29	2.88E-7
	CC17	-0.0374	0.2339	-0.1604	8.15E-4	3.10E-29	1.21E-5
	CC18	0.0377	-0.2414	-0.0182	-8.51E-4	-3.10E-29	-1.36E-5
	CC19	0.0403	-0.2424	-0.0168	-8.59E-4	-3.10E-29	-1.81E-6
	CC20	-0.0205	-0.2228	-0.0396	-8.13E-4	-4.70E-29	3.71E-5
	CC21	-0.0178	-0.2238	-0.0382	-8.21E-4	-4.70E-29	4.89E-5
700	CC1	0.0010	-0.0081	-0.0936	-2.61E-5	0.00E+0	-1.44E-6
	CC2	0.0010	-0.0081	-0.0936	-2.61E-5	0.00E+0	-1.44E-6
	CC3	0.0010	-0.0081	-0.0936	-2.61E-5	0.00E+0	-1.44E-6
	CC4	0.0011	-0.0076	-0.0909	-2.43E-5	0.00E+0	-1.66E-6
	CC5	0.0011	-0.0076	-0.0909	-2.43E-5	0.00E+0	-1.66E-6
	CC6	0.1410	0.0595	-0.0686	1.53E-4	4.49E-3	-1.49E-4
	CC7	0.1424	0.0590	-0.0681	1.52E-4	4.49E-3	-1.43E-4
	CC8	0.1536	-0.1658	-0.0210	-3.58E-4	1.70E-3	-1.16E-4
	CC9	0.1549	-0.1664	-0.0205	-3.59E-4	1.70E-3	-1.10E-4
	CC10	-0.1527	0.1516	-0.1594	3.12E-4	-1.70E-3	1.07E-4
	CC11	-0.1514	0.1511	-0.1589	3.10E-4	-1.70E-3	1.13E-4
	CC12	-0.1402	-0.0738	-0.1118	-1.99E-4	-4.49E-3	1.39E-4
	CC13	-0.1389	-0.0743	-0.1113	-2.01E-4	-4.49E-3	1.45E-4
	CC14	0.0222	0.3552	-0.1564	8.07E-4	5.59E-3	-1.03E-4
	CC15	0.0263	0.3536	-0.1549	8.02E-4	5.59E-3	-8.50E-5
	CC16	-0.0659	0.3829	-0.1836	8.55E-4	3.73E-3	-2.68E-5
	CC17	-0.0618	0.3813	-0.1821	8.49E-4	3.73E-3	-8.24E-6
	CC18	0.0640	-0.3960	0.0022	-8.97E-4	-3.73E-3	4.77E-6
	CC19	0.0681	-0.3976	0.0037	-9.02E-4	-3.73E-3	2.33E-5
	CC20	-0.0241	-0.3684	-0.0251	-8.49E-4	-5.59E-3	8.15E-5
	CC21	-0.0200	-0.3700	-0.0235	-8.54E-4	-5.59E-3	1.00E-4
701	CC1	0.0004	-0.0060	-0.0930	-2.22E-5	0.00E+0	-6.05E-7
	CC2	0.0004	-0.0060	-0.0930	-2.22E-5	0.00E+0	-6.05E-7
	CC3	0.0004	-0.0060	-0.0930	-2.22E-5	0.00E+0	-6.05E-7
	CC4	0.0005	-0.0056	-0.0903	-2.08E-5	0.00E+0	-7.37E-7
	CC5	0.0005	-0.0056	-0.0903	-2.08E-5	0.00E+0	-7.37E-7
	CC6	0.1174	0.0420	-0.0665	1.55E-4	9.48E-3	-1.21E-4
	CC7	0.1185	0.0418	-0.0660	1.53E-4	9.48E-3	-1.16E-4
	CC8	0.1266	-0.1381	-0.0190	-3.54E-4	3.63E-3	-9.07E-5
	CC9	0.1277	-0.1383	-0.0185	-3.56E-4	3.63E-3	-8.58E-5

	CC10	-0.1267	0.1274	-0.1604	3.15E-4	-3.63E-3	8.42E-5
	CC11	-0.1256	0.1272	-0.1598	3.13E-4	-3.63E-3	8.92E-5
	CC12	-0.1175	-0.0527	-0.1129	-1.94E-4	-9.48E-3	1.14E-4
	CC13	-0.1164	-0.0530	-0.1124	-1.96E-4	-9.48E-3	1.19E-4
	CC14	0.0202	0.2823	-0.1552	8.07E-4	1.17E-29	-8.89E-5
	CC15	0.0236	0.2816	-0.1537	8.01E-4	1.17E-29	-7.39E-5
	CC16	-0.0530	0.3079	-0.1834	8.55E-4	7.78E-3	-2.75E-5
	CC17	-0.0496	0.3072	-0.1818	8.49E-4	7.78E-3	-1.24E-5
	CC18	0.0506	-0.3182	0.0030	-8.90E-4	-7.78E-3	1.09E-5
	CC19	0.0541	-0.3188	0.0046	-8.96E-4	-7.78E-3	2.59E-5
	CC20	-0.0226	-0.2926	-0.0252	-8.42E-4	-1.17E-29	7.23E-5
	CC21	-0.0192	-0.2932	-0.0236	-8.48E-4	-1.17E-29	8.74E-5
702	CC1	0.0000	-0.0042	-0.0924	-1.97E-5	0.00E+0	-3.64E-7
	CC2	0.0000	-0.0042	-0.0924	-1.97E-5	0.00E+0	-3.64E-7
	CC3	0.0000	-0.0042	-0.0924	-1.97E-5	0.00E+0	-3.64E-7
	CC4	0.0000	-0.0039	-0.0897	-1.84E-5	0.00E+0	-3.90E-7
	CC5	0.0000	-0.0039	-0.0897	-1.84E-5	0.00E+0	-3.90E-7
	CC6	0.0939	0.0257	-0.0645	1.40E-4	4.25E-29	-9.03E-5
	CC7	0.0947	0.0258	-0.0640	1.38E-4	4.25E-29	-8.65E-5
	CC8	0.1000	-0.1100	-0.0188	-3.38E-4	1.61E-29	-6.80E-5
	CC9	0.1009	-0.1100	-0.0183	-3.40E-4	1.61E-29	-6.42E-5
	CC10	-0.1008	0.1023	-0.1594	3.04E-4	-1.61E-29	6.34E-5
	CC11	-0.0999	0.1024	-0.1589	3.02E-4	-1.61E-29	6.72E-5
	CC12	-0.0947	-0.0334	-0.1137	-1.74E-4	-4.25E-29	8.57E-5
	CC13	-0.0938	-0.0333	-0.1132	-1.76E-4	-4.25E-29	8.95E-5
	CC14	0.0176	0.2108	-0.1516	7.56E-4	5.28E-29	-6.63E-5
	CC15	0.0203	0.2110	-0.1500	7.51E-4	5.28E-29	-5.49E-5
	CC16	-0.0408	0.2338	-0.1800	8.05E-4	3.52E-29	-2.02E-5
	CC17	-0.0381	0.2340	-0.1784	8.00E-4	3.52E-29	-8.78E-6
	CC18	0.0381	-0.2416	0.0007	-8.36E-4	-3.52E-29	7.99E-6
	CC19	0.0408	-0.2414	0.0023	-8.41E-4	-3.52E-29	1.94E-5
	CC20	-0.0203	-0.2186	-0.0277	-7.87E-4	-5.28E-29	5.41E-5
	CC21	-0.0176	-0.2185	-0.0261	-7.92E-4	-5.28E-29	6.55E-5
703	CC1	0.0010	-0.0081	-0.0932	-2.55E-5	0.00E+0	7.11E-7
	CC2	0.0010	-0.0081	-0.0932	-2.55E-5	0.00E+0	7.11E-7
	CC3	0.0010	-0.0081	-0.0932	-2.55E-5	0.00E+0	7.11E-7
	CC4	0.0010	-0.0076	-0.0905	-2.39E-5	0.00E+0	4.14E-7
	CC5	0.0010	-0.0076	-0.0905	-2.39E-5	0.00E+0	4.14E-7
	CC6	0.1405	0.0505	-0.0649	1.41E-4	7.44E-29	-1.47E-4
	CC7	0.1418	0.0503	-0.0643	1.39E-4	7.44E-29	-1.41E-4
	CC8	0.1535	-0.1728	-0.0087	-3.77E-4	2.87E-29	-1.11E-4
	CC9	0.1548	-0.1729	-0.0082	-3.78E-4	2.87E-29	-1.05E-4
	CC10	-0.1527	0.1581	-0.1709	3.32E-4	-2.87E-29	1.06E-4
	CC11	-0.1513	0.1579	-0.1704	3.30E-4	-2.87E-29	1.12E-4
	CC12	-0.1397	-0.0652	-0.1148	-1.86E-4	-7.44E-29	1.41E-4
	CC13	-0.1384	-0.0653	-0.1142	-1.87E-4	-7.44E-29	1.47E-4
	CC14	0.0213	0.3488	-0.1681	8.13E-4	9.15E-29	-1.06E-4
	CC15	0.0254	0.3483	-0.1665	8.09E-4	9.15E-29	-8.73E-5
	CC16	-0.0666	0.3810	-0.1999	8.70E-4	6.06E-29	-3.00E-5
	CC17	-0.0625	0.3806	-0.1983	8.66E-4	6.06E-29	-1.15E-5
	CC18	0.0646	-0.3954	0.0192	-9.13E-4	-6.06E-29	1.22E-5
	CC19	0.0687	-0.3959	0.0208	-9.17E-4	-6.06E-29	3.06E-5
	CC20	-0.0233	-0.3632	-0.0127	-8.56E-4	-9.15E-29	8.79E-5
	CC21	-0.0192	-0.3636	-0.0110	-8.59E-4	-9.15E-29	1.06E-4
704	CC1	0.0004	-0.0061	-0.0926	-2.25E-5	0.00E+0	1.05E-6
	CC2	0.0004	-0.0061	-0.0926	-2.25E-5	0.00E+0	1.05E-6
	CC3	0.0004	-0.0061	-0.0926	-2.25E-5	0.00E+0	1.05E-6
	CC4	0.0005	-0.0057	-0.0900	-2.11E-5	0.00E+0	8.94E-7
	CC5	0.0005	-0.0057	-0.0900	-2.11E-5	0.00E+0	8.94E-7
	CC6	0.1181	0.0349	-0.0610	1.27E-4	2.75E-29	-1.20E-4
	CC7	0.1192	0.0350	-0.0604	1.26E-4	2.75E-29	-1.15E-4
	CC8	0.1278	-0.1446	-0.0051	-3.59E-4	1.03E-29	-8.48E-5
	CC9	0.1289	-0.1446	-0.0045	-3.60E-4	1.03E-29	-7.98E-5
	CC10	-0.1280	0.1335	-0.1736	3.19E-4	-1.03E-29	8.15E-5
	CC11	-0.1268	0.1336	-0.1730	3.18E-4	-1.03E-29	8.65E-5
	CC12	-0.1182	-0.0461	-0.1178	-1.67E-4	-2.75E-29	1.17E-4
	CC13	-0.1171	-0.0460	-0.1172	-1.68E-4	-2.75E-29	1.22E-4
	CC14	0.0195	0.2788	-0.1662	7.62E-4	3.43E-29	-9.63E-5
	CC15	0.0229	0.2791	-0.1644	7.59E-4	3.43E-29	-8.11E-5
	CC16	-0.0543	0.3084	-0.1999	8.20E-4	2.29E-29	-3.57E-5
	CC17	-0.0509	0.3087	-0.1982	8.17E-4	2.29E-29	-2.05E-5
	CC18	0.0518	-0.3198	0.0200	-8.58E-4	-2.29E-29	2.22E-5

	CC19	0.0553	-0.3195	0.0218	-8.61E-4	-2.29E-29	3.74E-5
	CC20	-0.0220	-0.2902	-0.0138	-8.01E-4	-3.43E-29	8.27E-5
	CC21	-0.0185	-0.2899	-0.0120	-8.04E-4	-3.43E-29	9.80E-5
705	CC1	0.0010	-0.0083	-0.0929	-2.55E-5	0.00E+0	2.13E-6
	CC2	0.0010	-0.0083	-0.0929	-2.55E-5	0.00E+0	2.13E-6
	CC3	0.0010	-0.0083	-0.0929	-2.55E-5	0.00E+0	2.13E-6
	CC4	0.0011	-0.0078	-0.0902	-2.39E-5	0.00E+0	1.81E-6
	CC5	0.0011	-0.0078	-0.0902	-2.39E-5	0.00E+0	1.81E-6
	CC6	0.1425	0.0453	-0.0611	1.27E-4	2.80E-29	-1.50E-4
	CC7	0.1439	0.0454	-0.0605	1.26E-4	2.80E-29	-1.44E-4
	CC8	0.1564	-0.1814	0.0017	-3.93E-4	1.06E-29	-1.12E-4
	CC9	0.1578	-0.1813	0.0023	-3.94E-4	1.06E-29	-1.05E-4
	CC10	-0.1556	0.1661	-0.1809	3.47E-4	-1.06E-29	1.09E-4
	CC11	-0.1542	0.1662	-0.1803	3.46E-4	-1.06E-29	1.15E-4
	CC12	-0.1417	-0.0607	-0.1181	-1.73E-4	-2.80E-29	1.47E-4
	CC13	-0.1403	-0.0605	-0.1175	-1.74E-4	-2.80E-29	1.54E-4
	CC14	0.0205	0.3520	-0.1770	8.12E-4	3.47E-29	-1.11E-4
	CC15	0.0247	0.3524	-0.1752	8.10E-4	3.47E-29	-9.21E-5
	CC16	-0.0689	0.3883	-0.2129	8.78E-4	2.32E-29	-3.36E-5
	CC17	-0.0648	0.3886	-0.2112	8.76E-4	2.32E-29	-1.44E-5
	CC18	0.0669	-0.4038	0.0326	-9.23E-4	-2.32E-29	1.78E-5
	CC19	0.0711	-0.4035	0.0343	-9.24E-4	-2.32E-29	3.70E-5
	CC20	-0.0225	-0.3676	-0.0034	-8.57E-4	-3.47E-29	9.55E-5
	CC21	-0.0183	-0.3673	-0.0016	-8.58E-4	-3.47E-29	1.15E-4
706	CC1	0.0006	-0.0067	-0.0926	-2.33E-5	0.00E+0	1.85E-6
	CC2	0.0006	-0.0067	-0.0926	-2.33E-5	0.00E+0	1.85E-6
	CC3	0.0006	-0.0067	-0.0926	-2.33E-5	0.00E+0	1.85E-6
	CC4	0.0006	-0.0063	-0.0899	-2.19E-5	0.00E+0	1.63E-6
	CC5	0.0006	-0.0063	-0.0899	-2.19E-5	0.00E+0	1.63E-6
	CC6	0.1260	0.0357	-0.0588	1.22E-4	3.57E-29	-1.32E-4
	CC7	0.1272	0.0359	-0.0582	1.22E-4	3.57E-29	-1.27E-4
	CC8	0.1372	-0.1579	0.0023	-3.82E-4	1.37E-29	-8.61E-5
	CC9	0.1384	-0.1577	0.0029	-3.82E-4	1.37E-29	-8.06E-5
	CC10	-0.1371	0.1454	-0.1810	3.39E-4	-1.37E-29	8.37E-5
	CC11	-0.1359	0.1456	-0.1803	3.39E-4	-1.37E-29	8.92E-5
	CC12	-0.1259	-0.0482	-0.1199	-1.65E-4	-3.57E-29	1.30E-4
	CC13	-0.1247	-0.0480	-0.1193	-1.65E-4	-3.57E-29	1.35E-4
	CC14	0.0196	0.2998	-0.1734	7.87E-4	4.41E-29	-1.16E-4
	CC15	0.0233	0.3004	-0.1716	7.85E-4	4.41E-29	-9.96E-5
	CC16	-0.0593	0.3327	-0.2101	8.52E-4	2.92E-29	-5.14E-5
	CC17	-0.0556	0.3333	-0.2082	8.50E-4	2.92E-29	-3.48E-5
	CC18	0.0569	-0.3456	0.0302	-8.93E-4	-2.92E-29	3.79E-5
	CC19	0.0606	-0.3450	0.0320	-8.95E-4	-2.92E-29	5.45E-5
	CC20	-0.0220	-0.3127	-0.0065	-8.28E-4	-4.41E-29	1.03E-4
	CC21	-0.0183	-0.3121	-0.0046	-8.30E-4	-4.41E-29	1.19E-4
707	CC1	-0.0023	-0.0036	-0.0910	0.00E+0	-6.00E-6	4.63E-6
	CC2	-0.0023	-0.0036	-0.0910	0.00E+0	-6.00E-6	4.63E-6
	CC3	-0.0023	-0.0036	-0.0910	0.00E+0	-6.00E-6	4.63E-6
	CC4	-0.0022	-0.0034	-0.0889	0.00E+0	-5.62E-6	4.29E-6
	CC5	-0.0022	-0.0034	-0.0889	0.00E+0	-5.62E-6	4.29E-6
	CC6	0.1096	-0.2006	-0.0508	2.54E-29	-3.27E-4	-8.39E-5
	CC7	0.1083	-0.1909	-0.0505	2.54E-29	-3.24E-4	-8.02E-5
	CC8	0.1086	-0.3048	-0.0586	9.61E-3	-3.31E-4	-6.75E-5
	CC9	0.1074	-0.2951	-0.0583	9.61E-3	-3.28E-4	-6.39E-5
	CC10	-0.1117	0.2886	-0.1181	-9.61E-3	3.17E-4	7.22E-5
	CC11	-0.1129	0.2982	-0.1178	-9.61E-3	3.20E-4	7.58E-5
	CC12	-0.1126	0.1844	-0.1259	-2.54E-29	3.13E-4	8.86E-5
	CC13	-0.1139	0.1940	-0.1256	-2.54E-29	3.16E-4	9.22E-5
	CC14	0.0344	0.0824	-0.0656	3.16E-29	-1.01E-4	-5.20E-5
	CC15	0.0307	0.1116	-0.0646	3.16E-29	-8.98E-5	-4.10E-5
	CC16	-0.0319	0.2291	-0.0858	2.11E-29	9.20E-5	-5.19E-6
	CC17	-0.0356	0.2584	-0.0847	2.11E-29	1.03E-4	5.78E-6
	CC18	0.0313	-0.2649	-0.0917	-2.11E-29	-1.14E-4	2.58E-6
	CC19	0.0277	-0.2357	-0.0906	-2.11E-29	-1.03E-4	1.35E-5
	CC20	-0.0350	-0.1182	-0.1118	-3.16E-29	7.89E-5	4.94E-5
	CC21	-0.0387	-0.0890	-0.1108	-3.16E-29	9.03E-5	6.04E-5
708	CC1	-0.0018	-0.0035	-0.0898	0.00E+0	-5.29E-6	6.23E-6
	CC2	-0.0018	-0.0035	-0.0898	0.00E+0	-5.29E-6	6.23E-6
	CC3	-0.0018	-0.0035	-0.0898	0.00E+0	-5.29E-6	6.23E-6
	CC4	-0.0017	-0.0033	-0.0877	0.00E+0	-4.99E-6	5.75E-6
	CC5	-0.0017	-0.0033	-0.0877	0.00E+0	-4.99E-6	5.75E-6
	CC6	0.1058	-0.2005	-0.0405	1.06E-29	-3.16E-4	-8.14E-5

	CC7	0.1050	-0.1909	-0.0422	1.06E-29	-3.13E-4	-7.78E-5
	CC8	0.1079	-0.3047	-0.0224	4.04E-3	-3.36E-4	-6.42E-5
	CC9	0.1071	-0.2951	-0.0241	4.04E-3	-3.32E-4	-6.06E-5
	CC10	-0.1104	0.2886	-0.1499	-4.04E-3	3.22E-4	7.18E-5
	CC11	-0.1113	0.2983	-0.1517	-4.04E-3	3.26E-4	7.54E-5
	CC12	-0.1083	0.1844	-0.1319	-1.06E-29	3.03E-4	8.90E-5
	CC13	-0.1092	0.1941	-0.1336	-1.06E-29	3.07E-4	9.26E-5
	CC14	0.0286	0.0825	-0.0981	1.31E-29	-7.38E-5	-5.14E-5
	CC15	0.0260	0.1117	-0.1034	1.31E-29	-6.37E-5	-4.06E-5
	CC16	-0.0363	0.2292	-0.1309	8.74E-3	1.18E-4	-5.49E-6
	CC17	-0.0389	0.2584	-0.1362	8.74E-3	1.28E-4	5.39E-6
	CC18	0.0356	-0.2648	-0.0378	-8.74E-3	-1.38E-4	5.80E-6
	CC19	0.0330	-0.2356	-0.0432	-8.74E-3	-1.28E-4	1.67E-5
	CC20	-0.0293	-0.1181	-0.0707	-1.31E-29	5.39E-5	5.17E-5
	CC21	-0.0319	-0.0889	-0.0760	-1.31E-29	6.40E-5	6.26E-5
709	CC1	-0.0006	-0.0064	-0.0921	0.00E+0	-1.52E-5	5.49E-6
	CC2	-0.0006	-0.0064	-0.0921	0.00E+0	-1.52E-5	5.49E-6
	CC3	-0.0006	-0.0064	-0.0921	0.00E+0	-1.52E-5	5.49E-6
	CC4	-0.0006	-0.0060	-0.0900	0.00E+0	-1.42E-5	5.14E-6
	CC5	-0.0006	-0.0060	-0.0900	0.00E+0	-1.42E-5	5.14E-6
	CC6	0.1670	-0.3042	-0.0496	3.81E-29	-3.32E-4	-1.43E-4
	CC7	0.1650	-0.2894	-0.0491	3.81E-29	-3.28E-4	-1.37E-4
	CC8	0.1695	-0.4691	-0.0599	1.47E-29	-3.41E-4	-1.21E-4
	CC9	0.1675	-0.4543	-0.0594	1.47E-29	-3.37E-4	-1.15E-4
	CC10	-0.1687	0.4427	-0.1191	-1.47E-29	3.09E-4	1.25E-4
	CC11	-0.1706	0.4574	-0.1186	-1.47E-29	3.13E-4	1.32E-4
	CC12	-0.1661	0.2778	-0.1295	-3.81E-29	3.00E-4	1.47E-4
	CC13	-0.1681	0.2926	-0.1290	-3.81E-29	3.04E-4	1.54E-4
	CC14	0.0486	0.1345	-0.0623	4.70E-29	-1.02E-4	-8.14E-5
	CC15	0.0425	0.1794	-0.0608	4.70E-29	-8.86E-5	-6.26E-5
	CC16	-0.0521	0.3586	-0.0832	3.12E-29	9.08E-5	-7.78E-7
	CC17	-0.0581	0.4034	-0.0817	3.12E-29	1.04E-4	1.81E-5
	CC18	0.0570	-0.4151	-0.0969	-3.12E-29	-1.32E-4	-8.01E-6
	CC19	0.0510	-0.3702	-0.0954	-3.12E-29	-1.19E-4	1.08E-5
	CC20	-0.0437	-0.1910	-0.1178	-4.70E-29	6.09E-5	7.26E-5
	CC21	-0.0497	-0.1462	-0.1162	-4.70E-29	7.38E-5	9.15E-5
710	CC1	-0.0017	-0.0049	-0.0916	0.00E+0	-8.80E-6	5.36E-6
	CC2	-0.0017	-0.0049	-0.0916	0.00E+0	-8.80E-6	5.36E-6
	CC3	-0.0017	-0.0049	-0.0916	0.00E+0	-8.80E-6	5.36E-6
	CC4	-0.0016	-0.0046	-0.0895	0.00E+0	-8.30E-6	4.99E-6
	CC5	-0.0016	-0.0046	-0.0895	0.00E+0	-8.30E-6	4.99E-6
	CC6	0.1378	-0.2512	-0.0501	5.30E-3	-3.35E-4	-1.09E-4
	CC7	0.1363	-0.2390	-0.0496	5.30E-3	-3.30E-4	-1.05E-4
	CC8	0.1394	-0.3848	-0.0593	2.03E-3	-3.48E-4	-8.79E-5
	CC9	0.1378	-0.3727	-0.0589	2.03E-3	-3.43E-4	-8.32E-5
	CC10	-0.1409	0.3637	-0.1187	-2.03E-3	3.27E-4	9.29E-5
	CC11	-0.1425	0.3758	-0.1182	-2.03E-3	3.31E-4	9.76E-5
	CC12	-0.1393	0.2301	-0.1279	-5.30E-3	3.14E-4	1.14E-4
	CC13	-0.1409	0.2422	-0.1275	-5.30E-3	3.18E-4	1.19E-4
	CC14	0.0401	0.1076	-0.0637	6.55E-3	-9.28E-5	-6.85E-5
	CC15	0.0352	0.1444	-0.0624	6.55E-3	-7.87E-5	-5.43E-5
	CC16	-0.0436	0.2920	-0.0843	4.35E-3	1.06E-4	-7.78E-6
	CC17	-0.0484	0.3288	-0.0830	4.35E-3	1.20E-4	6.41E-6
	CC18	0.0453	-0.3378	-0.0946	-4.35E-3	-1.36E-4	3.31E-6
	CC19	0.0405	-0.3010	-0.0933	-4.35E-3	-1.22E-4	1.75E-5
	CC20	-0.0383	-0.1534	-0.1152	-6.55E-3	6.25E-5	6.40E-5
	CC21	-0.0432	-0.1165	-0.1139	-6.55E-3	7.66E-5	7.82E-5
711	CC1	-0.0011	-0.0048	-0.0902	0.00E+0	-8.81E-6	5.05E-6
	CC2	-0.0011	-0.0048	-0.0902	0.00E+0	-8.81E-6	5.05E-6
	CC3	-0.0011	-0.0048	-0.0902	0.00E+0	-8.81E-6	5.05E-6
	CC4	-0.0011	-0.0045	-0.0882	0.00E+0	-8.33E-6	4.70E-6
	CC5	-0.0011	-0.0045	-0.0882	0.00E+0	-8.33E-6	4.70E-6
	CC6	0.1337	-0.2511	-0.0390	1.03E-29	-3.16E-4	-1.09E-4
	CC7	0.1326	-0.2390	-0.0408	1.03E-29	-3.13E-4	-1.05E-4
	CC8	0.1372	-0.3847	-0.0197	3.90E-3	-3.30E-4	-8.71E-5
	CC9	0.1361	-0.3726	-0.0216	3.90E-3	-3.27E-4	-8.25E-5
	CC10	-0.1383	0.3638	-0.1534	-3.90E-3	3.10E-4	9.16E-5
	CC11	-0.1394	0.3759	-0.1552	-3.90E-3	3.13E-4	9.63E-5
	CC12	-0.1347	0.2302	-0.1341	-1.03E-29	2.97E-4	1.14E-4
	CC13	-0.1359	0.2423	-0.1360	-1.03E-29	3.00E-4	1.19E-4
	CC14	0.0356	0.1076	-0.0996	1.27E-29	-8.43E-5	-6.97E-5
	CC15	0.0321	0.1445	-0.1052	1.27E-29	-7.54E-5	-5.55E-5

	CC16	-0.0460	0.2921	-0.1339	8.49E-3	1.04E-4	-9.39E-6
	CC17	-0.0495	0.3289	-0.1395	8.49E-3	1.13E-4	4.83E-6
	CC18	0.0473	-0.3377	-0.0355	-8.49E-3	-1.29E-4	4.34E-6
	CC19	0.0439	-0.3009	-0.0410	-8.49E-3	-1.20E-4	1.86E-5
	CC20	-0.0343	-0.1532	-0.0698	-1.27E-29	5.90E-5	6.46E-5
	CC21	-0.0377	-0.1164	-0.0754	-1.27E-29	6.79E-5	7.89E-5
712	CC1	-0.0002	-0.0063	-0.0906	0.00E+0	-1.29E-5	3.11E-6
	CC2	-0.0002	-0.0063	-0.0906	0.00E+0	-1.29E-5	3.11E-6
	CC3	-0.0002	-0.0063	-0.0906	0.00E+0	-1.29E-5	3.11E-6
	CC4	-0.0002	-0.0059	-0.0885	0.00E+0	-1.22E-5	2.95E-6
	CC5	-0.0002	-0.0059	-0.0885	0.00E+0	-1.22E-5	2.95E-6
	CC6	0.1612	-0.3041	-0.0380	4.44E-29	-3.15E-4	-1.44E-4
	CC7	0.1598	-0.2893	-0.0399	4.44E-29	-3.12E-4	-1.38E-4
	CC8	0.1657	-0.4690	-0.0179	1.66E-29	-3.26E-4	-1.21E-4
	CC9	0.1643	-0.4542	-0.0198	1.66E-29	-3.24E-4	-1.15E-4
	CC10	-0.1647	0.4427	-0.1558	-1.66E-29	3.00E-4	1.20E-4
	CC11	-0.1661	0.4575	-0.1577	-1.66E-29	3.02E-4	1.27E-4
	CC12	-0.1602	0.2779	-0.1358	-4.44E-29	2.88E-4	1.44E-4
	CC13	-0.1616	0.2927	-0.1377	-4.44E-29	2.91E-4	1.50E-4
	CC14	0.0433	0.1346	-0.1007	5.55E-29	-8.93E-5	-8.54E-5
	CC15	0.0391	0.1794	-0.1065	5.55E-29	-8.12E-5	-6.67E-5
	CC16	-0.0545	0.3586	-0.1361	3.72E-29	9.52E-5	-5.90E-6
	CC17	-0.0587	0.4035	-0.1419	3.72E-29	1.03E-4	1.28E-5
	CC18	0.0583	-0.4150	-0.0338	-3.72E-29	-1.27E-4	-6.96E-6
	CC19	0.0541	-0.3701	-0.0396	-3.72E-29	-1.19E-4	1.17E-5
	CC20	-0.0395	-0.1909	-0.0692	-5.55E-29	5.73E-5	7.25E-5
	CC21	-0.0437	-0.1460	-0.0749	-5.55E-29	6.54E-5	9.12E-5
713	CC1	0.0024	-0.0047	-0.1129	-4.36E-6	1.52E-5	4.26E-6
	CC2	0.0024	-0.0047	-0.1129	-4.36E-6	1.52E-5	4.26E-6
	CC3	0.0024	-0.0047	-0.1129	-4.36E-6	1.52E-5	4.26E-6
	CC4	0.0024	-0.0043	-0.1103	-3.94E-6	1.44E-5	4.22E-6
	CC5	0.0024	-0.0043	-0.1103	-3.94E-6	1.44E-5	4.22E-6
	CC6	0.1708	0.3445	-0.1473	8.42E-5	-2.45E-4	-1.89E-4
	CC7	0.1687	0.3321	-0.1488	8.14E-5	-2.43E-4	-1.81E-4
	CC8	0.1739	0.0757	-0.1967	1.71E-5	-3.15E-4	-1.26E-4
	CC9	0.1718	0.0633	-0.1983	1.43E-5	-3.14E-4	-1.19E-4
	CC10	-0.1670	-0.0717	-0.0206	-2.19E-5	3.42E-4	1.27E-4
	CC11	-0.1691	-0.0840	-0.0222	-2.47E-5	3.44E-4	1.35E-4
	CC12	-0.1639	-0.3405	-0.0701	-8.90E-5	2.71E-4	1.89E-4
	CC13	-0.1660	-0.3528	-0.0716	-9.18E-5	2.73E-4	1.97E-4
	CC14	0.0511	0.5250	-0.0437	1.28E-4	4.14E-5	-1.58E-4
	CC15	0.0448	0.4876	-0.0484	1.20E-4	4.64E-5	-1.35E-4
	CC16	-0.0503	0.4002	-0.0057	9.64E-5	2.17E-4	-6.38E-5
	CC17	-0.0566	0.3627	-0.0104	8.79E-5	2.22E-4	-4.07E-5
	CC18	0.0614	-0.3711	-0.2085	-9.54E-5	-1.94E-4	4.91E-5
	CC19	0.0551	-0.4085	-0.2131	-1.04E-4	-1.89E-4	7.22E-5
	CC20	-0.0399	-0.4959	-0.1705	-1.27E-4	-1.82E-5	1.44E-4
	CC21	-0.0462	-0.5333	-0.1751	-1.36E-4	-1.32E-5	1.67E-4
714	CC1	0.0031	-0.0039	-0.1120	6.76E-8	9.61E-7	1.13E-5
	CC2	0.0031	-0.0039	-0.1120	6.76E-8	9.61E-7	1.13E-5
	CC3	0.0031	-0.0039	-0.1120	6.76E-8	9.61E-7	1.13E-5
	CC4	0.0031	-0.0035	-0.1094	4.15E-8	5.89E-7	1.11E-5
	CC5	0.0031	-0.0035	-0.1094	4.15E-8	5.89E-7	1.11E-5
	CC6	0.1473	0.2768	-0.1465	-1.72E-5	-2.45E-4	1.00E-4
	CC7	0.1454	0.2669	-0.1479	-1.72E-5	-2.45E-4	1.03E-4
	CC8	0.1448	0.0638	-0.1930	-2.50E-5	-3.55E-4	6.56E-5
	CC9	0.1429	0.0538	-0.1945	-2.50E-5	-3.55E-4	6.81E-5
	CC10	-0.1367	-0.0606	-0.0227	2.51E-5	3.56E-4	-4.60E-5
	CC11	-0.1385	-0.0706	-0.0242	2.50E-5	3.56E-4	-4.35E-5
	CC12	-0.1392	-0.2737	-0.0693	1.73E-5	2.46E-4	-8.04E-5
	CC13	-0.1410	-0.2837	-0.0707	1.73E-5	2.45E-4	-7.79E-5
	CC14	0.0527	0.4175	-0.0475	6.69E-6	9.51E-5	8.65E-5
	CC15	0.0471	0.3872	-0.0518	6.66E-6	9.46E-5	9.42E-5
	CC16	-0.0325	0.3163	-0.0103	1.94E-5	2.75E-4	4.27E-5
	CC17	-0.0381	0.2860	-0.0147	1.93E-5	2.75E-4	5.04E-5
	CC18	0.0443	-0.2928	-0.2025	-1.93E-5	-2.74E-4	-2.82E-5
	CC19	0.0387	-0.3231	-0.2069	-1.93E-5	-2.74E-4	-2.05E-5
	CC20	-0.0409	-0.3940	-0.1654	-6.59E-6	-9.36E-5	-7.20E-5
	CC21	-0.0465	-0.4243	-0.1697	-6.63E-6	-9.42E-5	-6.43E-5
715	CC1	0.0028	-0.0030	-0.1110	1.07E-7	-1.11E-5	-7.00E-7
	CC2	0.0028	-0.0030	-0.1110	1.07E-7	-1.11E-5	-7.00E-7
	CC3	0.0028	-0.0030	-0.1110	1.07E-7	-1.11E-5	-7.00E-7

	CC4	0.0027	-0.0027	-0.1085	3.73E-7	-1.12E-5	-6.81E-7
	CC5	0.0027	-0.0027	-0.1085	3.73E-7	-1.12E-5	-6.81E-7
	CC6	0.1191	0.2119	-0.1459	3.40E-4	-3.49E-4	6.73E-5
	CC7	0.1175	0.2042	-0.1472	3.28E-4	-3.44E-4	6.62E-5
	CC8	0.1140	0.0524	-0.1884	7.64E-5	-3.59E-4	-3.47E-5
	CC9	0.1125	0.0447	-0.1897	6.45E-5	-3.55E-4	-3.57E-5
	CC10	-0.1071	-0.0499	-0.0256	-6.36E-5	3.33E-4	3.43E-5
	CC11	-0.1086	-0.0577	-0.0269	-7.55E-5	3.37E-4	3.33E-5
	CC12	-0.1121	-0.2094	-0.0681	-3.27E-4	3.22E-4	-6.76E-5
	CC13	-0.1137	-0.2172	-0.0694	-3.39E-4	3.26E-4	-6.86E-5
	CC14	0.0474	0.3142	-0.0529	5.17E-4	-1.02E-4	1.76E-4
	CC15	0.0427	0.2907	-0.0568	4.81E-4	-8.92E-5	1.73E-4
	CC16	-0.0205	0.2357	-0.0168	3.97E-4	1.02E-4	1.66E-4
	CC17	-0.0252	0.2122	-0.0208	3.60E-4	1.15E-4	1.63E-4
	CC18	0.0306	-0.2174	-0.1946	-3.59E-4	-1.38E-4	-1.64E-4
	CC19	0.0258	-0.2409	-0.1985	-3.96E-4	-1.25E-4	-1.67E-4
	CC20	-0.0373	-0.2960	-0.1585	-4.80E-4	6.67E-5	-1.74E-4
	CC21	-0.0420	-0.3194	-0.1624	-5.17E-4	7.98E-5	-1.77E-4
716	CC1	0.0028	-0.0029	-0.1105	3.56E-5	-2.81E-5	1.50E-6
	CC2	0.0028	-0.0029	-0.1105	3.56E-5	-2.81E-5	1.50E-6
	CC3	0.0028	-0.0029	-0.1105	3.56E-5	-2.81E-5	1.50E-6
	CC4	0.0028	-0.0026	-0.1080	3.54E-5	-2.79E-5	1.58E-6
	CC5	0.0028	-0.0026	-0.1080	3.54E-5	-2.79E-5	1.58E-6
	CC6	0.1201	0.2122	-0.1639	7.74E-4	-4.31E-4	-9.80E-5
	CC7	0.1187	0.2045	-0.1641	7.49E-4	-4.25E-4	-9.38E-5
	CC8	0.1118	0.0528	-0.1799	1.81E-4	-3.85E-4	-8.70E-5
	CC9	0.1103	0.0450	-0.1801	1.56E-4	-3.79E-4	-8.28E-5
	CC10	-0.1048	-0.0501	-0.0342	-8.48E-5	3.24E-4	8.60E-5
	CC11	-0.1062	-0.0579	-0.0344	-1.10E-4	3.30E-4	9.02E-5
	CC12	-0.1131	-0.2096	-0.0503	-6.78E-4	3.69E-4	9.70E-5
	CC13	-0.1145	-0.2173	-0.0504	-7.03E-4	3.75E-4	1.01E-4
	CC14	0.0526	0.3143	-0.0996	1.19E-3	-2.27E-4	-5.07E-5
	CC15	0.0482	0.2908	-0.1002	1.11E-3	-2.08E-4	-3.80E-5
	CC16	-0.0149	0.2356	-0.0607	9.33E-4	-1.17E-7	4.51E-6
	CC17	-0.0192	0.2121	-0.0613	8.57E-4	1.82E-5	1.72E-5
	CC18	0.0248	-0.2172	-0.1531	-7.86E-4	-7.40E-5	-1.40E-5
	CC19	0.0204	-0.2407	-0.1536	-8.63E-4	-5.57E-5	-1.30E-6
	CC20	-0.0426	-0.2959	-0.1142	-1.04E-3	1.52E-4	4.12E-5
	CC21	-0.0470	-0.3194	-0.1147	-1.12E-3	1.71E-4	5.39E-5
717	CC1	0.0030	-0.0028	-0.1098	-9.38E-6	-2.30E-5	7.42E-9
	CC2	0.0030	-0.0028	-0.1098	-9.38E-6	-2.30E-5	7.42E-9
	CC3	0.0030	-0.0028	-0.1098	-9.38E-6	-2.30E-5	7.42E-9
	CC4	0.0030	-0.0026	-0.1074	-8.57E-6	-2.29E-5	6.14E-8
	CC5	0.0030	-0.0026	-0.1074	-8.57E-6	-2.29E-5	6.14E-8
	CC6	0.1134	0.2131	-0.1872	6.32E-4	-3.91E-4	-2.41E-4
	CC7	0.1125	0.2054	-0.1861	6.09E-4	-3.87E-4	-2.32E-4
	CC8	0.1100	0.0532	-0.1723	1.25E-4	-3.65E-4	-1.10E-4
	CC9	0.1091	0.0454	-0.1713	1.03E-4	-3.60E-4	-1.01E-4
	CC10	-0.1032	-0.0503	-0.0420	-1.19E-4	3.14E-4	1.01E-4
	CC11	-0.1041	-0.0581	-0.0409	-1.42E-4	3.19E-4	1.10E-4
	CC12	-0.1066	-0.2103	-0.0271	-6.26E-4	3.41E-4	2.32E-4
	CC13	-0.1075	-0.2181	-0.0261	-6.48E-4	3.45E-4	2.41E-4
	CC14	0.0426	0.3155	-0.1547	9.83E-4	-1.80E-4	-2.84E-4
	CC15	0.0396	0.2919	-0.1516	9.15E-4	-1.66E-4	-2.56E-4
	CC16	-0.0224	0.2364	-0.1111	7.57E-4	3.16E-5	-1.81E-4
	CC17	-0.0253	0.2128	-0.1080	6.90E-4	4.55E-5	-1.53E-4
	CC18	0.0312	-0.2178	-0.1052	-7.06E-4	-9.13E-5	1.53E-4
	CC19	0.0283	-0.2414	-0.1021	-7.74E-4	-7.74E-5	1.81E-4
	CC20	-0.0338	-0.2968	-0.0617	-9.32E-4	1.20E-4	2.56E-4
	CC21	-0.0367	-0.3204	-0.0586	-9.99E-4	1.34E-4	2.84E-4
718	CC1	0.0027	-0.0046	-0.1121	-1.06E-5	2.38E-5	4.98E-6
	CC2	0.0027	-0.0046	-0.1121	-1.06E-5	2.38E-5	4.98E-6
	CC3	0.0027	-0.0046	-0.1121	-1.06E-5	2.38E-5	4.98E-6
	CC4	0.0027	-0.0042	-0.1096	-9.85E-6	2.29E-5	4.82E-6
	CC5	0.0027	-0.0042	-0.1096	-9.85E-6	2.29E-5	4.82E-6
	CC6	0.1667	0.3451	-0.1686	4.12E-4	-2.31E-4	-1.59E-4
	CC7	0.1651	0.3327	-0.1688	3.98E-4	-2.29E-4	-1.52E-4
	CC8	0.1729	0.0764	-0.1856	8.28E-5	-2.76E-4	-1.19E-4
	CC9	0.1714	0.0640	-0.1857	6.83E-5	-2.74E-4	-1.12E-4
	CC10	-0.1658	-0.0722	-0.0317	-8.75E-5	3.19E-4	1.22E-4
	CC11	-0.1674	-0.0846	-0.0319	-1.02E-4	3.21E-4	1.28E-4
	CC12	-0.1596	-0.3409	-0.0487	-4.17E-4	2.74E-4	1.62E-4

	CC13	-0.1612	-0.3533	-0.0489	-4.31E-4	2.76E-4	1.68E-4
	CC14	0.0446	0.5251	-0.1007	6.36E-4	1.08E-5	-1.14E-4
	CC15	0.0399	0.4876	-0.1013	5.92E-4	1.72E-5	-9.38E-5
	CC16	-0.0551	0.3999	-0.0597	4.86E-4	1.76E-4	-2.98E-5
	CC17	-0.0599	0.3624	-0.0602	4.42E-4	1.82E-4	-9.68E-6
	CC18	0.0654	-0.3706	-0.1572	-4.61E-4	-1.37E-4	1.92E-5
	CC19	0.0607	-0.4081	-0.1578	-5.05E-4	-1.31E-4	3.94E-5
	CC20	-0.0344	-0.4957	-0.1162	-6.11E-4	2.79E-5	1.03E-4
	CC21	-0.0391	-0.5333	-0.1168	-6.55E-4	3.43E-5	1.23E-4
719	CC1	0.0039	-0.0038	-0.1113	9.91E-8	1.40E-6	7.76E-6
	CC2	0.0039	-0.0038	-0.1113	9.91E-8	1.40E-6	7.76E-6
	CC3	0.0039	-0.0038	-0.1113	9.91E-8	1.40E-6	7.76E-6
	CC4	0.0038	-0.0035	-0.1088	7.41E-8	1.04E-6	7.66E-6
	CC5	0.0038	-0.0035	-0.1088	7.41E-8	1.04E-6	7.66E-6
	CC6	0.1474	0.2771	-0.1663	-1.29E-5	-1.83E-4	-1.18E-4
	CC7	0.1458	0.2671	-0.1665	-1.32E-5	-1.87E-4	-1.13E-4
	CC8	0.1444	0.0643	-0.1831	-2.67E-5	-3.80E-4	-9.81E-5
	CC9	0.1429	0.0543	-0.1833	-2.70E-5	-3.85E-4	-9.29E-5
	CC10	-0.1352	-0.0610	-0.0327	2.72E-5	3.86E-4	1.08E-4
	CC11	-0.1368	-0.0710	-0.0329	2.69E-5	3.82E-4	1.13E-4
	CC12	-0.1382	-0.2738	-0.0495	1.33E-5	1.89E-4	1.29E-4
	CC13	-0.1397	-0.2838	-0.0497	1.30E-5	1.85E-4	1.34E-4
	CC14	0.0535	0.4173	-0.0998	1.76E-5	2.51E-4	-6.82E-5
	CC15	0.0487	0.3870	-0.1004	1.67E-5	2.38E-4	5.24E-5
	CC16	-0.0313	0.3159	-0.0597	2.97E-5	4.22E-4	-1.81E-7
	CC17	-0.0361	0.2855	-0.0603	2.87E-5	4.08E-4	1.56E-5
	CC18	0.0437	-0.2922	-0.1557	-2.86E-5	-4.06E-4	-3.52E-7
	CC19	0.0390	-0.3226	-0.1563	-2.95E-5	-4.20E-4	1.54E-5
	CC20	-0.0411	-0.3936	-0.1156	-1.66E-5	-2.36E-4	6.76E-5
	CC21	-0.0458	-0.4240	-0.1162	-1.75E-5	-2.49E-4	8.34E-5
720	CC1	0.0038	-0.0037	-0.1106	2.10E-7	2.98E-6	-1.02E-5
	CC2	0.0038	-0.0037	-0.1106	2.10E-7	2.98E-6	-1.02E-5
	CC3	0.0038	-0.0037	-0.1106	2.10E-7	2.98E-6	-1.02E-5
	CC4	0.0037	-0.0034	-0.1082	1.90E-7	2.68E-6	-1.00E-5
	CC5	0.0037	-0.0034	-0.1082	1.90E-7	2.68E-6	-1.00E-5
	CC6	0.1403	0.2782	-0.1914	-1.43E-5	-2.04E-4	-1.86E-4
	CC7	0.1392	0.2681	-0.1903	-1.46E-5	-2.07E-4	-1.79E-4
	CC8	0.1417	0.0650	-0.1754	-2.54E-5	-3.61E-4	-1.27E-4
	CC9	0.1406	0.0550	-0.1743	-2.56E-5	-3.64E-4	-1.20E-4
	CC10	-0.1331	-0.0615	-0.0405	2.60E-5	3.69E-4	9.97E-5
	CC11	-0.1342	-0.0715	-0.0394	2.57E-5	3.66E-4	1.07E-4
	CC12	-0.1317	-0.2746	-0.0245	1.49E-5	2.12E-4	1.59E-4
	CC13	-0.1328	-0.2847	-0.0235	1.47E-5	2.09E-4	1.66E-4
	CC14	0.0440	0.4182	-0.1583	1.29E-5	1.83E-4	-1.62E-4
	CC15	0.0407	0.3877	-0.1550	1.22E-5	1.73E-4	-1.41E-4
	CC16	-0.0380	0.3163	-0.1131	2.50E-5	3.55E-4	-7.67E-5
	CC17	-0.0413	0.2858	-0.1098	2.43E-5	3.45E-4	-5.56E-5
	CC18	0.0488	-0.2923	-0.1050	-2.39E-5	-3.40E-4	3.56E-5
	CC19	0.0455	-0.3228	-0.1017	-2.46E-5	-3.50E-4	5.68E-5
	CC20	-0.0332	-0.3942	-0.0598	-1.18E-5	-1.68E-4	1.21E-4
	CC21	-0.0365	-0.4247	-0.0565	-1.25E-5	-1.78E-4	1.42E-4
721	CC1	0.0028	-0.0046	-0.1113	-1.19E-5	1.86E-5	-1.44E-6
	CC2	0.0028	-0.0046	-0.1113	-1.19E-5	1.86E-5	-1.44E-6
	CC3	0.0028	-0.0046	-0.1113	-1.19E-5	1.86E-5	-1.44E-6
	CC4	0.0029	-0.0041	-0.1089	-1.11E-5	1.78E-5	-1.55E-6
	CC5	0.0029	-0.0041	-0.1089	-1.11E-5	1.78E-5	-1.55E-6
	CC6	0.1622	0.3465	-0.1949	1.79E-4	-2.50E-4	-1.34E-4
	CC7	0.1611	0.3341	-0.1938	1.73E-4	-2.48E-4	-1.28E-4
	CC8	0.1695	0.0775	-0.1773	3.32E-5	-2.96E-4	-1.24E-4
	CC9	0.1683	0.0650	-0.1761	2.72E-5	-2.95E-4	-1.18E-4
	CC10	-0.1626	-0.0731	-0.0400	-4.89E-5	3.30E-4	1.15E-4
	CC11	-0.1637	-0.0855	-0.0389	-5.49E-5	3.31E-4	1.21E-4
	CC12	-0.1554	-0.3421	-0.0223	-1.95E-4	2.83E-4	1.25E-4
	CC13	-0.1565	-0.3545	-0.0212	-2.01E-4	2.85E-4	1.30E-4
	CC14	0.0413	0.5262	-0.1625	2.76E-4	5.38E-6	-6.36E-5
	CC15	0.0379	0.4885	-0.1590	2.58E-4	9.97E-6	-4.63E-5
	CC16	-0.0562	0.4003	-0.1160	2.07E-4	1.79E-4	1.10E-5
	CC17	-0.0596	0.3626	-0.1125	1.89E-4	1.84E-4	2.82E-5
	CC18	0.0653	-0.3706	-0.1036	-2.11E-4	-1.49E-4	-3.14E-5
	CC19	0.0619	-0.4083	-0.1001	-2.29E-4	-1.44E-4	-1.42E-5
	CC20	-0.0321	-0.4965	-0.0571	-2.79E-4	2.51E-5	4.32E-5
	CC21	-0.0355	-0.5342	-0.0536	-2.98E-4	2.97E-5	6.04E-5

722	CC1	0.0029	-0.0097	-0.0931	0.00E+0	-1.79E-5	-2.25E-6
	CC2	0.0029	-0.0097	-0.0931	0.00E+0	-1.79E-5	-2.25E-6
	CC3	0.0029	-0.0097	-0.0931	0.00E+0	-1.79E-5	-2.25E-6
	CC4	0.0027	-0.0090	-0.0909	0.00E+0	-1.68E-5	-1.81E-6
	CC5	0.0027	-0.0090	-0.0909	0.00E+0	-1.68E-5	-1.81E-6
	CC6	0.2145	-0.3835	-0.0475	6.10E-3	-3.21E-4	-1.93E-4
	CC7	0.2128	-0.3645	-0.0497	6.10E-3	-3.20E-4	-1.85E-4
	CC8	0.2213	-0.6155	-0.0211	2.30E-3	-3.31E-4	-1.58E-4
	CC9	0.2196	-0.5964	-0.0232	2.30E-3	-3.30E-4	-1.50E-4
	CC10	-0.2144	0.5788	-0.1571	-2.30E-3	2.97E-4	1.46E-4
	CC11	-0.2160	0.5978	-0.1593	-2.30E-3	2.99E-4	1.54E-4
	CC12	-0.2076	0.3468	-0.1306	-6.10E-3	2.87E-4	1.81E-4
	CC13	-0.2092	0.3659	-0.1328	-6.10E-3	2.89E-4	1.89E-4
	CC14	0.0582	0.2045	-0.1146	7.60E-3	-9.53E-5	-1.23E-4
	CC15	0.0531	0.2622	-0.1212	7.60E-3	-8.98E-5	-9.87E-5
	CC16	-0.0705	0.4932	-0.1475	5.08E-3	9.02E-5	-2.13E-5
	CC17	-0.0755	0.5509	-0.1540	5.08E-3	9.57E-5	3.04E-6
	CC18	0.0808	-0.5686	-0.0263	-5.08E-3	-1.28E-4	-6.37E-6
	CC19	0.0758	-0.5109	-0.0329	-5.08E-3	-1.23E-4	1.79E-5
	CC20	-0.0479	-0.2799	-0.0592	-7.60E-3	5.70E-5	9.53E-5
	CC21	-0.0529	-0.2222	-0.0657	-7.60E-3	6.25E-5	1.20E-4
723	CC1	0.0033	-0.0098	-0.0952	0.00E+0	-2.07E-5	-5.84E-6
	CC2	0.0033	-0.0098	-0.0952	0.00E+0	-2.07E-5	-5.84E-6
	CC3	0.0033	-0.0098	-0.0952	0.00E+0	-2.07E-5	-5.84E-6
	CC4	0.0030	-0.0092	-0.0928	0.00E+0	-1.94E-5	-5.08E-6
	CC5	0.0030	-0.0092	-0.0928	0.00E+0	-1.94E-5	-5.08E-6
	CC6	0.2218	-0.3831	-0.0987	1.34E-29	-3.30E-4	-1.91E-4
	CC7	0.2194	-0.3641	-0.0984	1.34E-29	-3.28E-4	-1.84E-4
	CC8	0.2252	-0.6146	-0.1034	5.09E-3	-3.36E-4	-1.54E-4
	CC9	0.2228	-0.5956	-0.1031	5.09E-3	-3.33E-4	-1.46E-4
	CC10	-0.2169	0.5776	-0.0811	-5.09E-3	2.95E-4	1.36E-4
	CC11	-0.2193	0.5966	-0.0807	-5.09E-3	2.98E-4	1.44E-4
	CC12	-0.2135	0.3461	-0.0858	-1.34E-29	2.90E-4	1.74E-4
	CC13	-0.2159	0.3651	-0.0854	-1.34E-29	2.93E-4	1.82E-4
	CC14	0.0667	0.2040	-0.0874	1.65E-29	-1.08E-4	-1.28E-4
	CC15	0.0594	0.2616	-0.0863	1.65E-29	-9.95E-5	-1.05E-4
	CC16	-0.0649	0.4922	-0.0821	1.10E-29	7.96E-5	-3.01E-5
	CC17	-0.0722	0.5498	-0.0811	1.10E-29	8.82E-5	-6.76E-6
	CC18	0.0781	-0.5678	-0.1031	-1.10E-29	-1.26E-4	-2.90E-6
	CC19	0.0708	-0.5102	-0.1021	-1.10E-29	-1.17E-4	2.05E-5
	CC20	-0.0535	-0.2796	-0.0978	-1.65E-29	6.17E-5	9.54E-5
	CC21	-0.0608	-0.2220	-0.0968	-1.65E-29	7.02E-5	1.19E-4
724	CC1	0.0061	-0.0136	-0.0936	0.00E+0	-2.17E-5	-8.95E-6
	CC2	0.0061	-0.0136	-0.0936	0.00E+0	-2.17E-5	-8.95E-6
	CC3	0.0061	-0.0136	-0.0936	0.00E+0	-2.17E-5	-8.95E-6
	CC4	0.0057	-0.0127	-0.0914	0.00E+0	-2.03E-5	-7.94E-6
	CC5	0.0057	-0.0127	-0.0914	0.00E+0	-2.03E-5	-7.94E-6
	CC6	0.2681	-0.4813	-0.0473	4.91E-29	-3.06E-4	-2.52E-4
	CC7	0.2662	-0.4573	-0.0495	4.91E-29	-3.04E-4	-2.42E-4
	CC8	0.2758	-0.7782	-0.0201	1.85E-29	-3.15E-4	-2.15E-4
	CC9	0.2739	-0.7542	-0.0223	1.85E-29	-3.13E-4	-2.04E-4
	CC10	-0.2628	0.7294	-0.1590	-1.85E-29	2.74E-4	1.89E-4
	CC11	-0.2647	0.7534	-0.1612	-1.85E-29	2.75E-4	1.99E-4
	CC12	-0.2551	0.4325	-0.1318	-4.91E-29	2.64E-4	2.27E-4
	CC13	-0.2570	0.4565	-0.1341	-4.91E-29	2.66E-4	2.37E-4
	CC14	0.0753	0.2644	-0.1159	6.12E-29	-9.43E-5	-1.52E-4
	CC15	0.0694	0.3372	-0.1226	6.12E-29	-8.89E-5	-1.21E-4
	CC16	-0.0840	0.6276	-0.1494	4.09E-29	7.96E-5	-1.98E-5
	CC17	-0.0899	0.7004	-0.1561	4.09E-29	8.50E-5	1.16E-5
	CC18	0.1010	-0.7252	-0.0253	-4.09E-29	-1.25E-4	-2.68E-5
	CC19	0.0951	-0.6524	-0.0320	-4.09E-29	-1.19E-4	4.62E-6
	CC20	-0.0583	-0.3620	-0.0588	-6.12E-29	4.91E-5	1.06E-4
	CC21	-0.0642	-0.2892	-0.0655	-6.12E-29	5.45E-5	1.37E-4
725	CC1	0.0044	-0.0116	-0.0934	0.00E+0	-1.66E-5	-5.36E-6
	CC2	0.0044	-0.0116	-0.0934	0.00E+0	-1.66E-5	-5.36E-6
	CC3	0.0044	-0.0116	-0.0934	0.00E+0	-1.66E-5	-5.36E-6
	CC4	0.0041	-0.0108	-0.0912	0.00E+0	-1.56E-5	-4.66E-6
	CC5	0.0041	-0.0108	-0.0912	0.00E+0	-1.56E-5	-4.66E-6
	CC6	0.2416	-0.4323	-0.0472	3.46E-29	-3.16E-4	-2.20E-4
	CC7	0.2398	-0.4108	-0.0494	3.46E-29	-3.15E-4	-2.11E-4
	CC8	0.2488	-0.6961	-0.0202	1.34E-29	-3.25E-4	-1.83E-4
	CC9	0.2470	-0.6746	-0.0224	1.34E-29	-3.23E-4	-1.74E-4

	CC10	-0.2390	0.6535	-0.1586	-1.34E-29	2.92E-4	1.65E-4
	CC11	-0.2408	0.6750	-0.1608	-1.34E-29	2.94E-4	1.74E-4
	CC12	-0.2317	0.3896	-0.1315	-3.46E-29	2.84E-4	2.02E-4
	CC13	-0.2335	0.4111	-0.1337	-3.46E-29	2.86E-4	2.11E-4
	CC14	0.0667	0.2337	-0.1155	4.25E-29	-9.54E-5	-1.38E-4
	CC15	0.0613	0.2990	-0.1222	4.25E-29	-9.04E-5	-1.10E-4
	CC16	-0.0774	0.5595	-0.1489	2.81E-29	8.72E-5	-2.25E-5
	CC17	-0.0829	0.6247	-0.1556	2.81E-29	9.22E-5	5.11E-6
	CC18	0.0909	-0.6458	-0.0254	-2.81E-29	-1.23E-4	-1.40E-5
	CC19	0.0855	-0.5806	-0.0321	-2.81E-29	-1.18E-4	1.37E-5
	CC20	-0.0532	-0.3201	-0.0588	-4.25E-29	5.98E-5	1.01E-4
	CC21	-0.0587	-0.2549	-0.0655	-4.25E-29	6.48E-5	1.29E-4
726	CC1	0.0049	-0.0116	-0.0956	0.00E+0	-1.61E-5	-4.64E-6
	CC2	0.0049	-0.0116	-0.0956	0.00E+0	-1.61E-5	-4.64E-6
	CC3	0.0049	-0.0116	-0.0956	0.00E+0	-1.61E-5	-4.64E-6
	CC4	0.0046	-0.0109	-0.0933	0.00E+0	-1.53E-5	-3.97E-6
	CC5	0.0046	-0.0109	-0.0933	0.00E+0	-1.53E-5	-3.97E-6
	CC6	0.2500	-0.4324	-0.0991	4.06E-29	-3.32E-4	-2.22E-4
	CC7	0.2473	-0.4109	-0.0987	4.06E-29	-3.29E-4	-2.13E-4
	CC8	0.2538	-0.6963	-0.1038	1.56E-29	-3.42E-4	-1.84E-4
	CC9	0.2511	-0.6748	-0.1034	1.56E-29	-3.39E-4	-1.75E-4
	CC10	-0.2422	0.6536	-0.0816	-1.56E-29	3.09E-4	1.68E-4
	CC11	-0.2449	0.6751	-0.0813	-1.56E-29	3.12E-4	1.77E-4
	CC12	-0.2384	0.3897	-0.0864	-4.06E-29	2.99E-4	2.05E-4
	CC13	-0.2411	0.4112	-0.0860	-4.06E-29	3.02E-4	2.14E-4
	CC14	0.0760	0.2338	-0.0878	5.02E-29	-9.88E-5	-1.38E-4
	CC15	0.0679	0.2990	-0.0867	5.02E-29	-8.89E-5	-1.10E-4
	CC16	-0.0716	0.5596	-0.0825	3.33E-29	9.35E-5	-2.12E-5
	CC17	-0.0798	0.6248	-0.0815	3.33E-29	1.03E-4	6.38E-6
	CC18	0.0886	-0.6461	-0.1036	-3.33E-29	-1.33E-4	-1.39E-5
	CC19	0.0805	-0.5808	-0.1025	-3.33E-29	-1.23E-4	1.37E-5
	CC20	-0.0590	-0.3203	-0.0983	-5.02E-29	5.90E-5	1.03E-4
	CC21	-0.0672	-0.2550	-0.0973	-5.02E-29	6.89E-5	1.31E-4
727	CC1	0.0067	-0.0135	-0.0958	0.00E+0	-2.49E-5	-4.13E-6
	CC2	0.0067	-0.0135	-0.0958	0.00E+0	-2.49E-5	-4.13E-6
	CC3	0.0067	-0.0135	-0.0958	0.00E+0	-2.49E-5	-4.13E-6
	CC4	0.0062	-0.0126	-0.0935	0.00E+0	-2.32E-5	-3.50E-6
	CC5	0.0062	-0.0126	-0.0935	0.00E+0	-2.32E-5	-3.50E-6
	CC6	0.2780	-0.4821	-0.0999	1.86E-29	-3.23E-4	-2.53E-4
	CC7	0.2751	-0.4580	-0.0995	1.86E-29	-3.20E-4	-2.42E-4
	CC8	0.2822	-0.7795	-0.1052	7.11E-3	-3.31E-4	-2.17E-4
	CC9	0.2793	-0.7555	-0.1048	7.11E-3	-3.28E-4	-2.06E-4
	CC10	-0.2671	0.7308	-0.0806	-7.11E-3	2.82E-4	2.00E-4
	CC11	-0.2701	0.7549	-0.0802	-7.11E-3	2.86E-4	2.10E-4
	CC12	-0.2629	0.4334	-0.0859	-1.86E-29	2.75E-4	2.35E-4
	CC13	-0.2659	0.4574	-0.0855	-1.86E-29	2.78E-4	2.46E-4
	CC14	0.0854	0.2650	-0.0874	2.30E-29	-1.05E-4	-1.47E-4
	CC15	0.0764	0.3380	-0.0862	2.30E-29	-9.56E-5	-1.15E-4
	CC16	-0.0782	0.6289	-0.0816	1.53E-29	7.68E-5	-1.13E-5
	CC17	-0.0872	0.7018	-0.0804	1.53E-29	8.60E-5	2.05E-5
	CC18	0.0993	-0.7265	-0.1050	-1.53E-29	-1.31E-4	-2.71E-5
	CC19	0.0904	-0.6535	-0.1039	-1.53E-29	-1.22E-4	4.72E-6
	CC20	-0.0642	-0.3626	-0.0992	-2.30E-29	5.03E-5	1.09E-4
	CC21	-0.0732	-0.2897	-0.0980	-2.30E-29	5.95E-5	1.40E-4
728	CC1	0.0032	-0.0099	-0.0960	-2.30E-5	-3.55E-6	6.72E-6
	CC2	0.0032	-0.0099	-0.0960	-2.30E-5	-3.55E-6	6.72E-6
	CC3	0.0032	-0.0099	-0.0960	-2.30E-5	-3.55E-6	6.72E-6
	CC4	0.0029	-0.0093	-0.0937	-2.16E-5	-3.32E-6	6.36E-6
	CC5	0.0029	-0.0093	-0.0937	-2.16E-5	-3.32E-6	6.36E-6
	CC6	0.2307	-0.3959	-0.1516	-5.68E-4	-8.75E-5	-2.16E-4
	CC7	0.2274	-0.3764	-0.1486	-5.40E-4	-8.31E-5	-2.06E-4
	CC8	0.2296	-0.6254	-0.1917	-9.21E-4	-1.42E-4	-2.00E-4
	CC9	0.2263	-0.6059	-0.1887	-8.93E-4	-1.38E-4	-1.91E-4
	CC10	-0.2206	0.5878	0.0029	8.51E-4	1.31E-4	2.03E-4
	CC11	-0.2239	0.6073	0.0059	8.79E-4	1.35E-4	2.13E-4
	CC12	-0.2217	0.3583	-0.0372	4.98E-4	7.66E-5	2.19E-4
	CC13	-0.2250	0.3778	-0.0342	5.26E-4	8.10E-5	2.28E-4
	CC14	0.0774	0.1962	-0.0538	3.12E-4	4.81E-5	-9.69E-5
	CC15	0.0675	0.2554	-0.0447	3.98E-4	6.13E-5	-6.76E-5
	CC16	-0.0580	0.4913	-0.0074	7.38E-4	1.14E-4	2.87E-5
	CC17	-0.0679	0.5505	0.0016	8.23E-4	1.27E-4	5.81E-5
	CC18	0.0736	-0.5686	-0.1874	-8.66E-4	-1.33E-4	-4.56E-5

	CC19	0.0637	-0.5094	-0.1784	-7.80E-4	-1.20E-4	-1.63E-5
	CC20	-0.0618	-0.2735	-0.1411	-4.40E-4	-6.78E-5	8.01E-5
	CC21	-0.0717	-0.2143	-0.1320	-3.55E-4	-5.46E-5	1.09E-4
729	CC1	0.0050	-0.0115	-0.0965	-1.82E-5	-2.81E-6	3.28E-6
	CC2	0.0050	-0.0115	-0.0965	-1.82E-5	-2.81E-6	3.28E-6
	CC3	0.0050	-0.0115	-0.0965	-1.82E-5	-2.81E-6	3.28E-6
	CC4	0.0046	-0.0107	-0.0941	-1.69E-5	-2.60E-6	2.96E-6
	CC5	0.0046	-0.0107	-0.0941	-1.69E-5	-2.60E-6	2.96E-6
	CC6	0.2595	-0.4469	-0.1529	-6.04E-4	-9.31E-5	-2.13E-4
	CC7	0.2558	-0.4248	-0.1498	-5.74E-4	-8.84E-5	-2.04E-4
	CC8	0.2588	-0.7088	-0.1939	-9.88E-4	-1.52E-4	-1.76E-4
	CC9	0.2551	-0.6867	-0.1908	-9.57E-4	-1.47E-4	-1.67E-4
	CC10	-0.2462	0.6657	0.0042	9.24E-4	1.42E-4	1.72E-4
	CC11	-0.2498	0.6879	0.0072	9.55E-4	1.47E-4	1.81E-4
	CC12	-0.2469	0.4038	-0.0368	5.41E-4	8.33E-5	2.10E-4
	CC13	-0.2505	0.4259	-0.0338	5.71E-4	8.80E-5	2.19E-4
	CC14	0.0870	0.2256	-0.0532	3.47E-4	5.35E-5	-1.31E-4
	CC15	0.0759	0.2927	-0.0439	4.40E-4	6.78E-5	-1.04E-4
	CC16	-0.0647	0.5594	-0.0061	8.06E-4	1.24E-4	-1.57E-5
	CC17	-0.0757	0.6265	0.0032	8.99E-4	1.38E-4	1.20E-5
	CC18	0.0847	-0.6475	-0.1898	-9.32E-4	-1.44E-4	-6.28E-6
	CC19	0.0737	-0.5804	-0.1806	-8.39E-4	-1.29E-4	2.14E-5
	CC20	-0.0670	-0.3137	-0.1427	-4.73E-4	-7.29E-5	1.09E-4
	CC21	-0.0780	-0.2466	-0.1334	-3.80E-4	-5.85E-5	1.37E-4
730	CC1	0.0069	-0.0131	-0.0967	-2.59E-5	-3.98E-6	1.45E-6
	CC2	0.0069	-0.0131	-0.0967	-2.59E-5	-3.98E-6	1.45E-6
	CC3	0.0069	-0.0131	-0.0967	-2.59E-5	-3.98E-6	1.45E-6
	CC4	0.0064	-0.0123	-0.0943	-2.42E-5	-3.73E-6	1.06E-6
	CC5	0.0064	-0.0123	-0.0943	-2.42E-5	-3.73E-6	1.06E-6
	CC6	0.2888	-0.4986	-0.1535	-5.74E-4	-8.84E-5	-2.12E-4
	CC7	0.2847	-0.4739	-0.1504	-5.45E-4	-8.40E-5	-2.04E-4
	CC8	0.2886	-0.7943	-0.1949	-9.34E-4	-1.44E-4	-1.51E-4
	CC9	0.2846	-0.7695	-0.1918	-9.05E-4	-1.39E-4	-1.42E-4
	CC10	-0.2720	0.7456	0.0047	8.58E-4	1.32E-4	1.44E-4
	CC11	-0.2761	0.7703	0.0078	8.87E-4	1.37E-4	1.53E-4
	CC12	-0.2722	0.4499	-0.0367	4.98E-4	7.67E-5	2.05E-4
	CC13	-0.2762	0.4747	-0.0336	5.27E-4	8.11E-5	2.14E-4
	CC14	0.0968	0.2566	-0.0529	3.18E-4	4.90E-5	-1.67E-4
	CC15	0.0845	0.3317	-0.0435	4.06E-4	6.25E-5	-1.41E-4
	CC16	-0.0715	0.6298	-0.0054	7.48E-4	1.15E-4	-6.05E-5
	CC17	-0.0837	0.7049	0.0040	8.35E-4	1.29E-4	-3.46E-5
	CC18	0.0963	-0.7289	-0.1910	-8.83E-4	-1.36E-4	3.65E-5
	CC19	0.0840	-0.6538	-0.1817	-7.95E-4	-1.22E-4	6.24E-5
	CC20	-0.0720	-0.3557	-0.1436	-4.53E-4	-6.98E-5	1.43E-4
	CC21	-0.0842	-0.2805	-0.1342	-3.65E-4	-5.63E-5	1.69E-4
731	CC1	0.0027	-0.0096	-0.0902	-2.25E-5	-3.45E-6	1.44E-6
	CC2	0.0027	-0.0096	-0.0902	-2.25E-5	-3.45E-6	1.44E-6
	CC3	0.0027	-0.0096	-0.0902	-2.25E-5	-3.45E-6	1.44E-6
	CC4	0.0025	-0.0090	-0.0882	-2.11E-5	-3.24E-6	1.30E-6
	CC5	0.0025	-0.0090	-0.0882	-2.11E-5	-3.24E-6	1.30E-6
	CC6	0.2076	-0.3969	0.0031	-5.58E-4	-8.56E-5	-1.94E-4
	CC7	0.2066	-0.3774	-0.0015	-5.30E-4	-8.14E-5	-1.86E-4
	CC8	0.2172	-0.6272	0.0589	-9.14E-4	-1.40E-4	-1.62E-4
	CC9	0.2163	-0.6077	0.0543	-8.87E-4	-1.36E-4	-1.54E-4
	CC10	-0.2114	0.5901	-0.2294	8.45E-4	1.30E-4	1.56E-4
	CC11	-0.2123	0.6097	-0.2340	8.73E-4	1.34E-4	1.64E-4
	CC12	-0.2017	0.3598	-0.1736	4.89E-4	7.51E-5	1.88E-4
	CC13	-0.2027	0.3794	-0.1782	5.17E-4	7.93E-5	1.96E-4
	CC14	0.0507	0.1973	-0.1388	3.21E-4	4.93E-5	-1.17E-4
	CC15	0.0477	0.2567	-0.1528	4.05E-4	6.22E-5	-9.21E-5
	CC16	-0.0750	0.4934	-0.2085	7.42E-4	1.14E-4	-1.21E-5
	CC17	-0.0779	0.5528	-0.2225	8.26E-4	1.27E-4	1.29E-5
	CC18	0.0828	-0.5704	0.0474	-8.67E-4	-1.33E-4	-1.04E-5
	CC19	0.0799	-0.5109	0.0334	-7.83E-4	-1.20E-4	1.46E-5
	CC20	-0.0428	-0.2742	-0.0223	-4.46E-4	-6.85E-5	9.46E-5
	CC21	-0.0458	-0.2148	-0.0363	-3.62E-4	-5.56E-5	1.20E-4
732	CC1	0.0041	-0.0114	-0.0904	-2.30E-5	-3.54E-6	3.38E-6
	CC2	0.0041	-0.0114	-0.0904	-2.30E-5	-3.54E-6	3.38E-6
	CC3	0.0041	-0.0114	-0.0904	-2.30E-5	-3.54E-6	3.38E-6
	CC4	0.0038	-0.0107	-0.0884	-2.16E-5	-3.32E-6	3.06E-6
	CC5	0.0038	-0.0107	-0.0884	-2.16E-5	-3.32E-6	3.06E-6
	CC6	0.2335	-0.4467	0.0039	-5.63E-4	-8.65E-5	-2.15E-4

	CC7	0.2324	-0.4246	-0.0008	-5.35E-4	-8.21E-5	-2.06E-4
	CC8	0.2439	-0.7084	0.0607	-9.26E-4	-1.42E-4	-1.79E-4
	CC9	0.2428	-0.6863	0.0560	-8.98E-4	-1.38E-4	-1.70E-4
	CC10	-0.2353	0.6654	-0.2315	8.56E-4	1.31E-4	1.76E-4
	CC11	-0.2364	0.6875	-0.2362	8.84E-4	1.36E-4	1.85E-4
	CC12	-0.2249	0.4037	-0.1747	4.93E-4	7.56E-5	2.12E-4
	CC13	-0.2260	0.4258	-0.1794	5.21E-4	8.00E-5	2.21E-4
	CC14	0.0583	0.2255	-0.1400	3.28E-4	5.03E-5	-1.30E-4
	CC15	0.0552	0.2925	-0.1542	4.14E-4	6.35E-5	-1.02E-4
	CC16	-0.0823	0.5591	-0.2107	7.54E-4	1.16E-4	-1.25E-5
	CC17	-0.0854	0.6262	-0.2248	8.39E-4	1.29E-4	1.55E-5
	CC18	0.0930	-0.6471	0.0493	-8.82E-4	-1.35E-4	-9.60E-6
	CC19	0.0898	-0.5800	0.0351	-7.96E-4	-1.22E-4	1.84E-5
	CC20	-0.0477	-0.3134	-0.0213	-4.56E-4	-7.00E-5	1.08E-4
	CC21	-0.0508	-0.2464	-0.0355	-3.70E-4	-5.68E-5	1.36E-4
733	CC1	0.0056	-0.0133	-0.0905	-2.40E-5	-3.69E-6	6.02E-6
	CC2	0.0056	-0.0133	-0.0905	-2.40E-5	-3.69E-6	6.02E-6
	CC3	0.0056	-0.0133	-0.0905	-2.40E-5	-3.69E-6	6.02E-6
	CC4	0.0053	-0.0125	-0.0885	-2.26E-5	-3.46E-6	5.48E-6
	CC5	0.0053	-0.0125	-0.0885	-2.26E-5	-3.46E-6	5.48E-6
	CC6	0.2592	-0.4971	0.0044	-5.62E-4	-8.63E-5	-2.38E-4
	CC7	0.2581	-0.4725	-0.0003	-5.34E-4	-8.19E-5	-2.28E-4
	CC8	0.2702	-0.7916	0.0618	-9.26E-4	-1.42E-4	-1.99E-4
	CC9	0.2691	-0.7669	0.0571	-8.97E-4	-1.38E-4	-1.88E-4
	CC10	-0.2588	0.7426	-0.2328	8.53E-4	1.31E-4	1.99E-4
	CC11	-0.2599	0.7672	-0.2375	8.81E-4	1.35E-4	2.09E-4
	CC12	-0.2477	0.4481	-0.1754	4.90E-4	7.52E-5	2.39E-4
	CC13	-0.2488	0.4728	-0.1801	5.18E-4	7.95E-5	2.49E-4
	CC14	0.0661	0.2552	-0.1408	3.28E-4	5.03E-5	-1.42E-4
	CC15	0.0628	0.3301	-0.1551	4.14E-4	6.36E-5	-1.11E-4
	CC16	-0.0893	0.6271	-0.2119	7.52E-4	1.16E-4	-1.07E-5
	CC17	-0.0926	0.7020	-0.2263	8.39E-4	1.29E-4	2.03E-5
	CC18	0.1030	-0.7263	0.0505	-8.83E-4	-1.36E-4	-9.73E-6
	CC19	0.0997	-0.6515	0.0362	-7.96E-4	-1.22E-4	2.13E-5
	CC20	-0.0524	-0.3544	-0.0206	-4.59E-4	-7.04E-5	1.21E-4
	CC21	-0.0557	-0.2796	-0.0349	-3.72E-4	-5.71E-5	1.53E-4
734	CC1	0.0021	-0.0158	-0.1172	-3.81E-5	0.00E+0	4.86E-6
	CC2	0.0021	-0.0158	-0.1172	-3.81E-5	0.00E+0	4.86E-6
	CC3	0.0021	-0.0158	-0.1172	-3.81E-5	0.00E+0	4.86E-6
	CC4	0.0021	-0.0146	-0.1128	-3.56E-5	0.00E+0	4.85E-6
	CC5	0.0021	-0.0146	-0.1128	-3.56E-5	0.00E+0	4.85E-6
	CC6	0.2910	-0.0067	-0.0569	-3.08E-5	7.95E-29	-2.40E-4
	CC7	0.2869	-0.0025	-0.0573	-2.56E-5	7.95E-29	-2.30E-4
	CC8	0.2915	-0.3904	-0.0640	-4.03E-4	3.05E-29	-1.90E-4
	CC9	0.2875	-0.3862	-0.0644	-3.97E-4	3.05E-29	-1.79E-4
	CC10	-0.2833	0.3577	-0.1581	3.28E-4	-3.05E-29	1.89E-4
	CC11	-0.2873	0.3619	-0.1586	3.33E-4	-3.05E-29	1.99E-4
	CC12	-0.2828	-0.0260	-0.1653	-4.38E-5	-7.95E-29	2.40E-4
	CC13	-0.2868	-0.0218	-0.1657	-3.87E-5	-7.95E-29	2.50E-4
	CC14	0.0935	0.5643	-0.0836	5.23E-4	9.82E-29	-1.59E-4
	CC15	0.0812	0.5769	-0.0848	5.39E-4	9.82E-29	-1.28E-4
	CC16	-0.0788	0.6736	-0.1140	6.31E-4	6.52E-29	-3.03E-5
	CC17	-0.0910	0.6862	-0.1152	6.46E-4	6.52E-29	5.13E-7
	CC18	0.0952	-0.7147	-0.1073	-7.16E-4	-6.52E-29	9.18E-6
	CC19	0.0830	-0.7021	-0.1086	-7.00E-4	-6.52E-29	4.00E-5
	CC20	-0.0771	-0.6054	-0.1377	-6.08E-4	-9.82E-29	1.38E-4
	CC21	-0.0893	-0.5928	-0.1390	-5.93E-4	-9.82E-29	1.69E-4
735	CC1	0.0013	-0.0131	-0.1170	-2.34E-5	0.00E+0	4.18E-6
	CC2	0.0013	-0.0131	-0.1170	-2.34E-5	0.00E+0	4.18E-6
	CC3	0.0013	-0.0131	-0.1170	-2.34E-5	0.00E+0	4.18E-6
	CC4	0.0014	-0.0121	-0.1125	-2.15E-5	0.00E+0	4.15E-6
	CC5	0.0014	-0.0121	-0.1125	-2.15E-5	0.00E+0	4.15E-6
	CC6	0.2577	-0.0045	-0.0617	-2.30E-5	4.23E-29	-2.15E-4
	CC7	0.2541	-0.0008	-0.0620	-1.63E-5	4.23E-29	-2.06E-4
	CC8	0.2583	-0.3501	-0.0685	-5.15E-4	1.59E-29	-1.72E-4
	CC9	0.2546	-0.3464	-0.0688	-5.08E-4	1.59E-29	-1.63E-4
	CC10	-0.2519	0.3229	-0.1532	4.66E-4	-1.59E-29	1.71E-4
	CC11	-0.2555	0.3265	-0.1535	4.73E-4	-1.59E-29	1.80E-4
	CC12	-0.2514	-0.0227	-0.1600	-2.53E-5	-4.23E-29	2.15E-4
	CC13	-0.2550	-0.0191	-0.1604	-1.86E-5	-4.23E-29	2.24E-4
	CC14	0.0824	0.5096	-0.0853	7.15E-4	5.27E-29	-1.40E-4
	CC15	0.0715	0.5206	-0.0864	7.36E-4	5.27E-29	-1.12E-4

	CC16	-0.0705	0.6078	-0.1128	8.62E-4	3.52E-29	-2.41E-5
	CC17	-0.0814	0.6188	-0.1139	8.83E-4	3.52E-29	3.76E-6
	CC18	0.0841	-0.6424	-0.1082	-9.24E-4	-3.52E-29	4.52E-6
	CC19	0.0732	-0.6314	-0.1092	-9.04E-4	-3.52E-29	3.24E-5
	CC20	-0.0688	-0.5442	-0.1356	-7.77E-4	-5.27E-29	1.20E-4
	CC21	-0.0797	-0.5332	-0.1367	-7.57E-4	-5.27E-29	1.48E-4
736	CC1	0.0002	-0.0111	-0.1158	-1.99E-5	0.00E+0	3.97E-6
	CC2	0.0002	-0.0111	-0.1158	-1.99E-5	0.00E+0	3.97E-6
	CC3	0.0002	-0.0111	-0.1158	-1.99E-5	0.00E+0	3.97E-6
	CC4	0.0003	-0.0104	-0.1114	-1.80E-5	0.00E+0	3.94E-6
	CC5	0.0003	-0.0104	-0.1114	-1.80E-5	0.00E+0	3.94E-6
	CC6	0.2240	-0.0022	-0.0592	-1.31E-5	1.64E-29	-1.95E-4
	CC7	0.2208	0.0008	-0.0596	-6.37E-6	1.64E-29	-1.87E-4
	CC8	0.2231	-0.3042	-0.0660	-5.57E-4	6.09E-3	-1.61E-4
	CC9	0.2199	-0.3011	-0.0663	-5.50E-4	6.09E-3	-1.53E-4
	CC10	-0.2192	0.2809	-0.1536	5.15E-4	-6.09E-3	1.61E-4
	CC11	-0.2224	0.2839	-0.1540	5.22E-4	-6.09E-3	1.69E-4
	CC12	-0.2201	-0.0210	-0.1603	-2.85E-5	-1.64E-29	1.95E-4
	CC13	-0.2233	-0.0180	-0.1607	-2.17E-5	-1.64E-29	2.03E-4
	CC14	0.0731	0.4460	-0.0841	8.00E-4	2.05E-29	-1.19E-4
	CC15	0.0635	0.4553	-0.0852	8.20E-4	2.05E-29	-9.36E-5
	CC16	-0.0598	0.5310	-0.1124	9.58E-4	1.37E-29	-1.22E-5
	CC17	-0.0694	0.5402	-0.1135	9.79E-4	1.37E-29	1.32E-5
	CC18	0.0701	-0.5604	-0.1064	-1.01E-3	-1.37E-29	-5.36E-6
	CC19	0.0605	-0.5512	-0.1075	-9.93E-4	-1.37E-29	2.01E-5
	CC20	-0.0628	-0.4755	-0.1347	-8.55E-4	-2.05E-29	1.01E-4
	CC21	-0.0725	-0.4663	-0.1359	-8.35E-4	-2.05E-29	1.27E-4
737	CC1	0.0000	-0.0116	-0.1117	-2.19E-5	0.00E+0	4.19E-6
	CC2	0.0000	-0.0116	-0.1117	-2.19E-5	0.00E+0	4.19E-6
	CC3	0.0000	-0.0116	-0.1117	-2.19E-5	0.00E+0	4.19E-6
	CC4	0.0001	-0.0108	-0.1076	-2.03E-5	0.00E+0	4.10E-6
	CC5	0.0001	-0.0108	-0.1076	-2.03E-5	0.00E+0	4.10E-6
	CC6	0.2256	0.0218	-0.0234	4.24E-5	6.53E-29	-1.95E-4
	CC7	0.2224	0.0238	-0.0242	4.68E-5	6.53E-29	-1.87E-4
	CC8	0.2248	-0.2858	-0.0308	-5.34E-4	2.49E-29	-1.64E-4
	CC9	0.2216	-0.2838	-0.0317	-5.30E-4	2.49E-29	-1.56E-4
	CC10	-0.2213	0.2626	-0.1808	4.91E-4	-2.49E-29	1.64E-4
	CC11	-0.2244	0.2646	-0.1816	4.95E-4	-2.49E-29	1.72E-4
	CC12	-0.2221	-0.0450	-0.1882	-8.62E-5	-6.53E-29	1.95E-4
	CC13	-0.2253	-0.0430	-0.1890	-8.18E-5	-6.53E-29	2.03E-4
	CC14	0.0734	0.4629	-0.0690	8.68E-4	8.08E-29	-1.14E-4
	CC15	0.0637	0.4690	-0.0714	8.81E-4	8.08E-29	-8.92E-5
	CC16	-0.0607	0.5352	-0.1162	1.00E-3	5.38E-29	-6.64E-6
	CC17	-0.0703	0.5413	-0.1186	1.02E-3	5.38E-29	1.85E-5
	CC18	0.0707	-0.5624	-0.0938	-1.05E-3	-5.38E-29	-1.04E-5
	CC19	0.0610	-0.5563	-0.0963	-1.04E-3	-5.38E-29	1.48E-5
	CC20	-0.0634	-0.4902	-0.1410	-9.20E-4	-8.08E-29	9.73E-5
	CC21	-0.0731	-0.4841	-0.1435	-9.07E-4	-8.08E-29	1.22E-4
738	CC1	0.0005	-0.0137	-0.1121	-2.68E-5	0.00E+0	5.05E-6
	CC2	0.0005	-0.0137	-0.1121	-2.68E-5	0.00E+0	5.05E-6
	CC3	0.0005	-0.0137	-0.1121	-2.68E-5	0.00E+0	5.05E-6
	CC4	0.0006	-0.0128	-0.1079	-2.49E-5	0.00E+0	4.98E-6
	CC5	0.0006	-0.0128	-0.1079	-2.49E-5	0.00E+0	4.98E-6
	CC6	0.2548	0.0233	-0.0208	1.91E-5	6.97E-3	-2.21E-4
	CC7	0.2512	0.0257	-0.0216	2.39E-5	6.97E-3	-2.12E-4
	CC8	0.2553	-0.3296	-0.0285	-4.77E-4	2.61E-3	-1.93E-4
	CC9	0.2517	-0.3271	-0.0294	-4.72E-4	2.61E-3	-1.83E-4
	CC10	-0.2505	0.3022	-0.1838	4.24E-4	-2.61E-3	1.93E-4
	CC11	-0.2541	0.3046	-0.1846	4.28E-4	-2.61E-3	2.03E-4
	CC12	-0.2499	-0.0507	-0.1915	-7.23E-5	-6.97E-3	2.22E-4
	CC13	-0.2535	-0.0483	-0.1924	-6.75E-5	-6.97E-3	2.31E-4
	CC14	0.0809	0.5301	-0.0680	7.34E-4	8.69E-3	-1.19E-4
	CC15	0.0701	0.5375	-0.0705	7.49E-4	8.69E-3	-9.01E-5
	CC16	-0.0706	0.6138	-0.1169	8.56E-4	5.82E-3	5.70E-6
	CC17	-0.0815	0.6212	-0.1194	8.70E-4	5.82E-3	3.42E-5
	CC18	0.0828	-0.6461	-0.0937	-9.19E-4	-5.82E-3	-2.43E-5
	CC19	0.0719	-0.6387	-0.0963	-9.04E-4	-5.82E-3	4.22E-6
	CC20	-0.0688	-0.5625	-0.1426	-7.97E-4	-8.69E-3	1.00E-4
	CC21	-0.0797	-0.5551	-0.1452	-7.83E-4	-8.69E-3	1.29E-4
739	CC1	0.0010	-0.0166	-0.1128	-3.87E-5	0.00E+0	5.94E-6
	CC2	0.0010	-0.0166	-0.1128	-3.87E-5	0.00E+0	5.94E-6
	CC3	0.0010	-0.0166	-0.1128	-3.87E-5	0.00E+0	5.94E-6

	CC4	0.0011	-0.0155	-0.1086	-3.62E-5	0.00E+0	5.97E-6
	CC5	0.0011	-0.0155	-0.1086	-3.62E-5	0.00E+0	5.97E-6
	CC6	0.2847	0.0236	-0.0241	-9.51E-6	2.02E-29	-2.45E-4
	CC7	0.2808	0.0265	-0.0249	-5.45E-6	2.02E-29	-2.34E-4
	CC8	0.2852	-0.3664	-0.0320	-3.55E-4	7.69E-3	-2.14E-4
	CC9	0.2812	-0.3635	-0.0328	-3.51E-4	7.69E-3	-2.04E-4
	CC10	-0.2790	0.3333	-0.1817	2.80E-4	-7.69E-3	2.16E-4
	CC11	-0.2830	0.3362	-0.1825	2.84E-4	-7.69E-3	2.26E-4
	CC12	-0.2786	-0.0567	-0.1896	-6.52E-5	-2.02E-29	2.46E-4
	CC13	-0.2825	-0.0538	-0.1904	-6.12E-5	-2.02E-29	2.56E-4
	CC14	0.0910	0.5842	-0.0692	4.90E-4	2.50E-29	-1.30E-4
	CC15	0.0789	0.5928	-0.0716	5.03E-4	2.50E-29	-9.77E-5
	CC16	-0.0781	0.6771	-0.1165	5.77E-4	1.67E-29	8.38E-6
	CC17	-0.0902	0.6857	-0.1189	5.89E-4	1.67E-29	4.03E-5
	CC18	0.0924	-0.7159	-0.0956	-6.60E-4	-1.67E-29	-2.84E-5
	CC19	0.0803	-0.7073	-0.0980	-6.48E-4	-1.67E-29	3.59E-6
	CC20	-0.0767	-0.6230	-0.1429	-5.73E-4	-2.50E-29	1.10E-4
	CC21	-0.0888	-0.6144	-0.1453	-5.61E-4	-2.50E-29	1.42E-4
740	CC1	0.0002	-0.0122	-0.1117	-2.24E-5	0.00E+0	3.95E-6
	CC2	0.0002	-0.0122	-0.1117	-2.24E-5	0.00E+0	3.95E-6
	CC3	0.0002	-0.0122	-0.1117	-2.24E-5	0.00E+0	3.95E-6
	CC4	0.0003	-0.0114	-0.1076	-2.07E-5	0.00E+0	3.75E-6
	CC5	0.0003	-0.0114	-0.1076	-2.07E-5	0.00E+0	3.75E-6
	CC6	0.2272	0.0484	-0.0574	8.31E-5	4.95E-29	-1.97E-4
	CC7	0.2240	0.0493	-0.0577	8.60E-5	4.95E-29	-1.88E-4
	CC8	0.2264	-0.2636	-0.0649	-4.98E-4	1.87E-29	-1.63E-4
	CC9	0.2232	-0.2627	-0.0653	-4.95E-4	1.87E-29	-1.55E-4
	CC10	-0.2225	0.2405	-0.1472	4.55E-4	-1.87E-29	1.62E-4
	CC11	-0.2257	0.2414	-0.1475	4.58E-4	-1.87E-29	1.71E-4
	CC12	-0.2233	-0.0715	-0.1548	-1.26E-4	-4.95E-29	1.96E-4
	CC13	-0.2265	-0.0706	-0.1551	-1.23E-4	-4.95E-29	2.04E-4
	CC14	0.0741	0.4787	-0.0796	8.88E-4	6.15E-29	-1.18E-4
	CC15	0.0644	0.4814	-0.0807	8.97E-4	6.15E-29	-9.26E-5
	CC16	-0.0608	0.5363	-0.1066	1.00E-3	4.11E-29	-1.02E-5
	CC17	-0.0705	0.5390	-0.1076	1.01E-3	4.11E-29	1.51E-5
	CC18	0.0712	-0.5613	-0.1048	-1.05E-3	-4.11E-29	-7.68E-6
	CC19	0.0615	-0.5585	-0.1059	-1.04E-3	-4.11E-29	1.76E-5
	CC20	-0.0637	-0.5036	-0.1318	-9.37E-4	-6.15E-29	1.00E-4
	CC21	-0.0734	-0.5009	-0.1328	-9.28E-4	-6.15E-29	1.25E-4
741	CC1	0.0001	-0.0119	-0.1117	-2.24E-5	0.00E+0	4.15E-6
	CC2	0.0001	-0.0119	-0.1117	-2.24E-5	0.00E+0	4.15E-6
	CC3	0.0001	-0.0119	-0.1117	-2.24E-5	0.00E+0	4.15E-6
	CC4	0.0002	-0.0111	-0.1076	-2.07E-5	0.00E+0	4.03E-6
	CC5	0.0002	-0.0111	-0.1076	-2.07E-5	0.00E+0	4.03E-6
	CC6	0.2258	0.0351	-0.0419	5.93E-5	6.82E-29	-1.97E-4
	CC7	0.2227	0.0365	-0.0425	6.31E-5	6.82E-29	-1.88E-4
	CC8	0.2250	-0.2747	-0.0494	-5.17E-4	2.60E-29	-1.64E-4
	CC9	0.2218	-0.2732	-0.0499	-5.13E-4	2.60E-29	-1.56E-4
	CC10	-0.2213	0.2515	-0.1626	4.73E-4	-2.60E-29	1.64E-4
	CC11	-0.2245	0.2530	-0.1632	4.77E-4	-2.60E-29	1.72E-4
	CC12	-0.2222	-0.0582	-0.1701	-1.03E-4	-6.82E-29	1.96E-4
	CC13	-0.2254	-0.0568	-0.1707	-9.96E-5	-6.82E-29	2.05E-4
	CC14	0.0736	0.4707	-0.0749	8.73E-4	8.45E-29	-1.17E-4
	CC15	0.0639	0.4752	-0.0766	8.84E-4	8.45E-29	-9.16E-5
	CC16	-0.0606	0.5357	-0.1111	9.97E-4	5.63E-29	-8.79E-6
	CC17	-0.0703	0.5401	-0.1128	1.01E-3	5.63E-29	1.65E-5
	CC18	0.0707	-0.5618	-0.0998	-1.05E-3	-5.63E-29	-8.54E-6
	CC19	0.0610	-0.5574	-0.1015	-1.04E-3	-5.63E-29	1.68E-5
	CC20	-0.0634	-0.4969	-0.1360	-9.25E-4	-8.45E-29	9.96E-5
	CC21	-0.0731	-0.4924	-0.1377	-9.13E-4	-8.45E-29	1.25E-4
742	CC1	0.0010	-0.0172	-0.1127	-3.91E-5	0.00E+0	3.28E-6
	CC2	0.0010	-0.0172	-0.1127	-3.91E-5	0.00E+0	3.28E-6
	CC3	0.0010	-0.0172	-0.1127	-3.91E-5	0.00E+0	3.28E-6
	CC4	0.0011	-0.0161	-0.1086	-3.68E-5	0.00E+0	3.27E-6
	CC5	0.0011	-0.0161	-0.1086	-3.68E-5	0.00E+0	3.27E-6
	CC6	0.2834	0.0573	-0.0577	2.18E-5	4.98E-29	-2.51E-4
	CC7	0.2794	0.0587	-0.0580	2.44E-5	4.98E-29	-2.41E-4
	CC8	0.2839	-0.3388	-0.0658	-3.35E-4	1.86E-29	-1.98E-4
	CC9	0.2799	-0.3374	-0.0662	-3.32E-4	1.86E-29	-1.88E-4
	CC10	-0.2777	0.3060	-0.1483	2.60E-4	-1.86E-29	1.94E-4
	CC11	-0.2816	0.3074	-0.1486	2.63E-4	-1.86E-29	2.05E-4
	CC12	-0.2772	-0.0901	-0.1565	-9.64E-5	-4.98E-29	2.47E-4

	CC13	-0.2811	-0.0887	-0.1568	-9.38E-5	-4.98E-29	2.58E-4
	CC14	0.0905	0.6050	-0.0795	5.19E-4	6.24E-29	-1.68E-4
	CC15	0.0785	0.6093	-0.0806	5.27E-4	6.24E-29	-1.36E-4
	CC16	-0.0778	0.6796	-0.1067	5.90E-4	4.19E-29	-3.42E-5
	CC17	-0.0898	0.6839	-0.1078	5.98E-4	4.19E-29	-2.68E-6
	CC18	0.0921	-0.7153	-0.1067	-6.70E-4	-4.19E-29	9.21E-6
	CC19	0.0801	-0.7110	-0.1078	-6.62E-4	-4.19E-29	4.08E-5
	CC20	-0.0762	-0.6407	-0.1339	-5.99E-4	-6.24E-29	1.43E-4
	CC21	-0.0882	-0.6364	-0.1350	-5.91E-4	-6.24E-29	1.74E-4
743	CC1	0.0006	-0.0143	-0.1123	-2.66E-5	0.00E+0	3.71E-6
	CC2	0.0006	-0.0143	-0.1123	-2.66E-5	0.00E+0	3.71E-6
	CC3	0.0006	-0.0143	-0.1123	-2.66E-5	0.00E+0	3.71E-6
	CC4	0.0007	-0.0134	-0.1082	-2.48E-5	0.00E+0	3.59E-6
	CC5	0.0007	-0.0134	-0.1082	-2.48E-5	0.00E+0	3.59E-6
	CC6	0.2548	0.0536	-0.0581	5.86E-5	2.85E-29	-2.25E-4
	CC7	0.2512	0.0548	-0.0584	6.19E-5	2.85E-29	-2.16E-4
	CC8	0.2554	-0.3043	-0.0659	-4.50E-4	1.07E-29	-1.85E-4
	CC9	0.2518	-0.3031	-0.0663	-4.46E-4	1.07E-29	-1.76E-4
	CC10	-0.2504	0.2770	-0.1474	3.98E-4	-1.07E-29	1.83E-4
	CC11	-0.2540	0.2782	-0.1477	4.01E-4	-1.07E-29	1.92E-4
	CC12	-0.2497	-0.0809	-0.1552	-1.10E-4	-2.85E-29	2.23E-4
	CC13	-0.2533	-0.0797	-0.1555	-1.07E-4	-2.85E-29	2.32E-4
	CC14	0.0809	0.5481	-0.0798	7.67E-4	3.55E-29	-1.39E-4
	CC15	0.0700	0.5516	-0.0809	7.77E-4	3.55E-29	-1.10E-4
	CC16	-0.0707	0.6151	-0.1066	8.69E-4	2.37E-29	-1.64E-5
	CC17	-0.0815	0.6187	-0.1076	8.79E-4	2.37E-29	1.21E-5
	CC18	0.0830	-0.6448	-0.1060	-9.27E-4	-2.37E-29	-5.02E-6
	CC19	0.0721	-0.6412	-0.1070	-9.17E-4	-2.37E-29	2.35E-5
	CC20	-0.0686	-0.5778	-0.1328	-8.25E-4	-3.55E-29	1.17E-4
	CC21	-0.0794	-0.5742	-0.1338	-8.15E-4	-3.55E-29	1.46E-4
744	CC1	0.0006	-0.0140	-0.1123	-2.69E-5	0.00E+0	4.18E-6
	CC2	0.0006	-0.0140	-0.1123	-2.69E-5	0.00E+0	4.18E-6
	CC3	0.0006	-0.0140	-0.1123	-2.69E-5	0.00E+0	4.18E-6
	CC4	0.0007	-0.0131	-0.1082	-2.51E-5	0.00E+0	4.13E-6
	CC5	0.0007	-0.0131	-0.1082	-2.51E-5	0.00E+0	4.13E-6
	CC6	0.2548	0.0384	-0.0413	3.67E-5	5.90E-29	-2.24E-4
	CC7	0.2512	0.0402	-0.0419	4.07E-5	5.90E-29	-2.15E-4
	CC8	0.2554	-0.3168	-0.0491	-4.62E-4	2.20E-29	-1.85E-4
	CC9	0.2518	-0.3150	-0.0496	-4.58E-4	2.20E-29	-1.76E-4
	CC10	-0.2504	0.2894	-0.1640	4.09E-4	-2.20E-29	1.84E-4
	CC11	-0.2540	0.2912	-0.1645	4.13E-4	-2.20E-29	1.93E-4
	CC12	-0.2498	-0.0658	-0.1717	-8.96E-5	-5.90E-29	2.23E-4
	CC13	-0.2534	-0.0640	-0.1723	-8.56E-5	-5.90E-29	2.32E-4
	CC14	0.0809	0.5387	-0.0746	7.45E-4	7.39E-29	-1.37E-4
	CC15	0.0701	0.5442	-0.0763	7.57E-4	7.39E-29	-1.08E-4
	CC16	-0.0706	0.6141	-0.1114	8.56E-4	4.96E-29	-1.42E-5
	CC17	-0.0815	0.6195	-0.1131	8.69E-4	4.96E-29	1.43E-5
	CC18	0.0829	-0.6451	-0.1005	-9.18E-4	-4.96E-29	-6.09E-6
	CC19	0.0720	-0.6396	-0.1022	-9.05E-4	-4.96E-29	2.24E-5
	CC20	-0.0687	-0.5698	-0.1373	-8.06E-4	-7.39E-29	1.16E-4
	CC21	-0.0796	-0.5643	-0.1390	-7.94E-4	-7.39E-29	1.45E-4
745	CC1	0.0011	-0.0169	-0.1128	-3.91E-5	0.00E+0	4.23E-6
	CC2	0.0011	-0.0169	-0.1128	-3.91E-5	0.00E+0	4.23E-6
	CC3	0.0011	-0.0169	-0.1128	-3.91E-5	0.00E+0	4.23E-6
	CC4	0.0011	-0.0158	-0.1087	-3.67E-5	0.00E+0	4.30E-6
	CC5	0.0011	-0.0158	-0.1087	-3.67E-5	0.00E+0	4.30E-6
	CC6	0.2846	0.0403	-0.0423	4.41E-6	6.39E-29	-2.48E-4
	CC7	0.2807	0.0424	-0.0429	7.79E-6	6.39E-29	-2.38E-4
	CC8	0.2851	-0.3523	-0.0503	-3.46E-4	2.40E-29	-2.02E-4
	CC9	0.2811	-0.3502	-0.0509	-3.42E-4	2.40E-29	-1.92E-4
	CC10	-0.2788	0.3193	-0.1637	2.70E-4	-2.40E-29	2.00E-4
	CC11	-0.2828	0.3214	-0.1643	2.74E-4	-2.40E-29	2.11E-4
	CC12	-0.2784	-0.0733	-0.1717	-7.97E-5	-6.39E-29	2.46E-4
	CC13	-0.2823	-0.0712	-0.1723	-7.63E-5	-6.39E-29	2.57E-4
	CC14	0.0909	0.5939	-0.0749	5.02E-4	7.96E-29	-1.56E-4
	CC15	0.0789	0.6003	-0.0766	5.13E-4	7.96E-29	-1.24E-4
	CC16	-0.0781	0.6776	-0.1114	5.82E-4	5.33E-29	-2.10E-5
	CC17	-0.0901	0.6840	-0.1130	5.92E-4	5.33E-29	1.05E-5
	CC18	0.0924	-0.7149	-0.1016	-6.64E-4	-5.33E-29	-1.89E-6
	CC19	0.0804	-0.7085	-0.1033	-6.54E-4	-5.33E-29	2.97E-5
	CC20	-0.0766	-0.6312	-0.1380	-5.84E-4	-7.96E-29	1.33E-4
	CC21	-0.0887	-0.6248	-0.1397	-5.74E-4	-7.96E-29	1.64E-4

746	CC1	0.0009	-0.0187	-0.1148	-3.69E-5	-2.44E-7	2.39E-6
	CC2	0.0009	-0.0187	-0.1148	-3.69E-5	-2.44E-7	2.39E-6
	CC3	0.0009	-0.0187	-0.1148	-3.69E-5	-2.44E-7	2.39E-6
	CC4	0.0010	-0.0173	-0.1106	-3.47E-5	-2.29E-7	1.61E-6
	CC5	0.0010	-0.0173	-0.1106	-3.47E-5	-2.29E-7	1.61E-6
	CC6	0.2833	0.1426	-0.1466	9.75E-5	6.43E-7	-2.58E-4
	CC7	0.2793	0.1404	-0.1458	9.70E-5	6.40E-7	-2.47E-4
	CC8	0.2839	-0.2644	-0.1538	-2.80E-4	-1.85E-6	-2.22E-4
	CC9	0.2800	-0.2666	-0.1530	-2.81E-4	-1.85E-6	-2.11E-4
	CC10	-0.2779	0.2328	-0.0655	2.13E-4	1.40E-6	2.14E-4
	CC11	-0.2819	0.2306	-0.0647	2.12E-4	1.40E-6	2.25E-4
	CC12	-0.2772	-0.1742	-0.0727	-1.65E-4	-1.09E-6	2.50E-4
	CC13	-0.2812	-0.1764	-0.0719	-1.66E-4	-1.09E-6	2.61E-4
	CC14	0.0901	0.6513	-0.1106	5.79E-4	3.82E-6	-1.46E-4
	CC15	0.0781	0.6445	-0.1083	5.77E-4	3.81E-6	-1.13E-4
	CC16	-0.0783	0.6783	-0.0863	6.13E-4	4.05E-6	-4.15E-6
	CC17	-0.0903	0.6715	-0.0839	6.12E-4	4.04E-6	2.90E-5
	CC18	0.0923	-0.7053	-0.1345	-6.80E-4	-4.49E-6	-2.63E-5
	CC19	0.0804	-0.7121	-0.1322	-6.81E-4	-4.50E-6	6.85E-6
	CC20	-0.0760	-0.6783	-0.1102	-6.45E-4	-4.26E-6	1.15E-4
	CC21	-0.0880	-0.6851	-0.1079	-6.47E-4	-4.27E-6	1.49E-4
747	CC1	0.0006	-0.0157	-0.1144	-3.09E-5	-2.04E-7	2.70E-6
	CC2	0.0006	-0.0157	-0.1144	-3.09E-5	-2.04E-7	2.70E-6
	CC3	0.0006	-0.0157	-0.1144	-3.09E-5	-2.04E-7	2.70E-6
	CC4	0.0007	-0.0145	-0.1102	-2.87E-5	-1.90E-7	1.98E-6
	CC5	0.0007	-0.0145	-0.1102	-2.87E-5	-1.90E-7	1.98E-6
	CC6	0.2551	0.1310	-0.1451	1.61E-4	1.06E-6	-2.31E-4
	CC7	0.2515	0.1289	-0.1443	1.59E-4	1.05E-6	-2.21E-4
	CC8	0.2559	-0.2370	-0.1521	-3.51E-4	-2.31E-6	-2.05E-4
	CC9	0.2523	-0.2392	-0.1514	-3.52E-4	-2.32E-6	-1.95E-4
	CC10	-0.2510	0.2109	-0.0663	2.96E-4	1.95E-6	1.98E-4
	CC11	-0.2545	0.2087	-0.0655	2.95E-4	1.94E-6	2.08E-4
	CC12	-0.2502	-0.1572	-0.0733	-2.15E-4	-1.42E-6	2.24E-4
	CC13	-0.2537	-0.1594	-0.0726	-2.17E-4	-1.43E-6	2.34E-4
	CC14	0.0807	0.5906	-0.1101	8.06E-4	5.32E-6	-1.21E-4
	CC15	0.0698	0.5840	-0.1078	8.02E-4	5.29E-6	-9.10E-5
	CC16	-0.0711	0.6145	-0.0865	8.47E-4	5.59E-6	7.81E-6
	CC17	-0.0820	0.6080	-0.0841	8.42E-4	5.56E-6	3.77E-5
	CC18	0.0834	-0.6363	-0.1335	-8.99E-4	-5.93E-6	-3.42E-5
	CC19	0.0725	-0.6429	-0.1312	-9.03E-4	-5.96E-6	-4.32E-6
	CC20	-0.0685	-0.6124	-0.1099	-8.58E-4	-5.66E-6	9.45E-5
	CC21	-0.0793	-0.6189	-0.1076	-8.62E-4	-5.69E-6	1.24E-4
748	CC1	0.0005	-0.0130	-0.1136	-2.95E-5	-1.95E-7	1.67E-6
	CC2	0.0005	-0.0130	-0.1136	-2.95E-5	-1.95E-7	1.67E-6
	CC3	0.0005	-0.0130	-0.1136	-2.95E-5	-1.95E-7	1.67E-6
	CC4	0.0006	-0.0121	-0.1094	-2.73E-5	-1.80E-7	1.12E-6
	CC5	0.0006	-0.0121	-0.1094	-2.73E-5	-1.80E-7	1.12E-6
	CC6	0.2280	0.1161	-0.1437	1.97E-4	1.30E-6	-2.00E-4
	CC7	0.2248	0.1141	-0.1429	1.95E-4	1.28E-6	-1.92E-4
	CC8	0.2270	-0.2060	-0.1505	-3.84E-4	-2.54E-6	-1.75E-4
	CC9	0.2238	-0.2080	-0.1498	-3.87E-4	-2.55E-6	-1.66E-4
	CC10	-0.2227	0.1845	-0.0663	3.33E-4	2.20E-6	1.68E-4
	CC11	-0.2259	0.1825	-0.0656	3.31E-4	2.19E-6	1.77E-4
	CC12	-0.2236	-0.1377	-0.0732	-2.48E-4	-1.63E-6	1.94E-4
	CC13	-0.2268	-0.1397	-0.0724	-2.50E-4	-1.65E-6	2.02E-4
	CC14	0.0746	0.5179	-0.1094	9.25E-4	6.10E-6	-1.10E-4
	CC15	0.0649	0.5119	-0.1071	9.18E-4	6.06E-6	-8.40E-5
	CC16	-0.0606	0.5384	-0.0862	9.66E-4	6.37E-6	5.96E-7
	CC17	-0.0703	0.5323	-0.0839	9.59E-4	6.33E-6	2.65E-5
	CC18	0.0714	-0.5559	-0.1322	-1.01E-3	-6.68E-6	-2.46E-5
	CC19	0.0617	-0.5619	-0.1299	-1.02E-3	-6.72E-6	1.27E-6
	CC20	-0.0638	-0.5354	-0.1090	-9.71E-4	-6.41E-6	8.59E-5
	CC21	-0.0735	-0.5414	-0.1067	-9.78E-4	-6.45E-6	1.12E-4
749	CC1	0.0003	-0.0128	-0.1128	-2.72E-5	-1.80E-7	2.15E-6
	CC2	0.0003	-0.0128	-0.1128	-2.72E-5	-1.80E-7	2.15E-6
	CC3	0.0003	-0.0128	-0.1128	-2.72E-5	-1.80E-7	2.15E-6
	CC4	0.0004	-0.0120	-0.1087	-2.52E-5	-1.67E-7	1.55E-6
	CC5	0.0004	-0.0120	-0.1087	-2.52E-5	-1.67E-7	1.55E-6
	CC6	0.2280	0.0979	-0.1215	1.64E-4	1.08E-6	-2.02E-4
	CC7	0.2248	0.0967	-0.1211	1.63E-4	1.08E-6	-1.93E-4
	CC8	0.2271	-0.2218	-0.1286	-4.19E-4	-2.76E-6	-1.75E-4
	CC9	0.2239	-0.2230	-0.1282	-4.20E-4	-2.77E-6	-1.66E-4

	CC10	-0.2230	0.1997	-0.0864	3.70E-4	2.44E-6	1.69E-4
	CC11	-0.2262	0.1985	-0.0860	3.70E-4	2.44E-6	1.77E-4
	CC12	-0.2239	-0.1200	-0.0935	-2.13E-4	-1.40E-6	1.96E-4
	CC13	-0.2271	-0.1212	-0.0931	-2.13E-4	-1.41E-6	2.05E-4
	CC14	0.0745	0.5078	-0.1014	9.17E-4	6.05E-6	-1.13E-4
	CC15	0.0648	0.5041	-0.1000	9.15E-4	6.04E-6	-8.69E-5
	CC16	-0.0608	0.5384	-0.0909	9.79E-4	6.46E-6	-1.77E-6
	CC17	-0.0705	0.5347	-0.0895	9.77E-4	6.45E-6	2.43E-5
	CC18	0.0714	-0.5580	-0.1251	-1.03E-3	-6.77E-6	-2.16E-5
	CC19	0.0617	-0.5617	-0.1237	-1.03E-3	-6.79E-6	4.48E-6
	CC20	-0.0639	-0.5275	-0.1146	-9.64E-4	-6.36E-6	8.96E-5
	CC21	-0.0736	-0.5311	-0.1132	-9.66E-4	-6.38E-6	1.16E-4
750	CC1	0.0003	-0.0126	-0.1121	-2.44E-5	-1.61E-7	2.39E-6
	CC2	0.0003	-0.0126	-0.1121	-2.44E-5	-1.61E-7	2.39E-6
	CC3	0.0003	-0.0126	-0.1121	-2.44E-5	-1.61E-7	2.39E-6
	CC4	0.0004	-0.0118	-0.1081	-2.27E-5	-1.50E-7	1.90E-6
	CC5	0.0004	-0.0118	-0.1081	-2.27E-5	-1.50E-7	1.90E-6
	CC6	0.2280	0.0796	-0.0939	1.33E-4	8.75E-7	-2.02E-4
	CC7	0.2248	0.0792	-0.0937	1.33E-4	8.80E-7	-1.93E-4
	CC8	0.2271	-0.2374	-0.1012	-4.54E-4	-3.00E-6	-1.70E-4
	CC9	0.2239	-0.2379	-0.1011	-4.53E-4	-2.99E-6	-1.62E-4
	CC10	-0.2230	0.2148	-0.1124	4.09E-4	2.70E-6	1.65E-4
	CC11	-0.2262	0.2144	-0.1122	4.10E-4	2.70E-6	1.74E-4
	CC12	-0.2239	-0.1023	-0.1198	-1.78E-4	-1.17E-6	1.96E-4
	CC13	-0.2271	-0.1027	-0.1196	-1.77E-4	-1.17E-6	2.05E-4
	CC14	0.0745	0.4973	-0.0919	9.13E-4	6.02E-6	-1.18E-4
	CC15	0.0648	0.4960	-0.0914	9.15E-4	6.04E-6	-9.23E-5
	CC16	-0.0608	0.5379	-0.0975	9.96E-4	6.57E-6	-8.28E-6
	CC17	-0.0705	0.5365	-0.0970	9.98E-4	6.59E-6	1.77E-5
	CC18	0.0714	-0.5596	-0.1165	-1.04E-3	-6.88E-6	-1.42E-5
	CC19	0.0617	-0.5609	-0.1160	-1.04E-3	-6.86E-6	1.17E-5
	CC20	-0.0639	-0.5190	-0.1220	-9.59E-4	-6.33E-6	9.58E-5
	CC21	-0.0736	-0.5204	-0.1215	-9.57E-4	-6.31E-6	1.22E-4
751	CC1	0.0011	-0.0184	-0.1138	-3.85E-5	-2.54E-7	3.65E-6
	CC2	0.0011	-0.0184	-0.1138	-3.85E-5	-2.54E-7	3.65E-6
	CC3	0.0011	-0.0184	-0.1138	-3.85E-5	-2.54E-7	3.65E-6
	CC4	0.0012	-0.0171	-0.1096	-3.63E-5	-2.39E-7	2.81E-6
	CC5	0.0012	-0.0171	-0.1096	-3.63E-5	-2.39E-7	2.81E-6
	CC6	0.2825	0.1193	-0.1236	7.71E-5	5.09E-7	-2.54E-4
	CC7	0.2785	0.1181	-0.1232	7.73E-5	5.10E-7	-2.44E-4
	CC8	0.2831	-0.2847	-0.1311	-2.88E-4	-1.90E-6	-2.24E-4
	CC9	0.2792	-0.2860	-0.1306	-2.88E-4	-1.90E-6	-2.14E-4
	CC10	-0.2767	0.2525	-0.0859	2.17E-4	1.43E-6	2.19E-4
	CC11	-0.2806	0.2513	-0.0854	2.17E-4	1.43E-6	2.30E-4
	CC12	-0.2760	-0.1515	-0.0933	-1.48E-4	-9.79E-7	2.49E-4
	CC13	-0.2800	-0.1528	-0.0928	-1.48E-4	-9.78E-7	2.60E-4
	CC14	0.0900	0.6386	-0.1022	5.52E-4	3.64E-6	-1.35E-4
	CC15	0.0780	0.6348	-0.1007	5.53E-4	3.65E-6	-1.02E-4
	CC16	-0.0778	0.6786	-0.0908	5.94E-4	3.92E-6	6.95E-6
	CC17	-0.0897	0.6748	-0.0894	5.95E-4	3.92E-6	4.00E-5
	CC18	0.0922	-0.7082	-0.1271	-6.66E-4	-4.39E-6	-3.50E-5
	CC19	0.0803	-0.7120	-0.1256	-6.65E-4	-4.39E-6	-1.90E-6
	CC20	-0.0755	-0.6683	-0.1157	-6.24E-4	-4.12E-6	1.07E-4
	CC21	-0.0875	-0.6720	-0.1143	-6.23E-4	-4.11E-6	1.40E-4
752	CC1	0.0007	-0.0154	-0.1134	-3.02E-5	-2.00E-7	4.10E-6
	CC2	0.0007	-0.0154	-0.1134	-3.02E-5	-2.00E-7	4.10E-6
	CC3	0.0007	-0.0154	-0.1134	-3.02E-5	-2.00E-7	4.10E-6
	CC4	0.0007	-0.0143	-0.1093	-2.82E-5	-1.86E-7	3.29E-6
	CC5	0.0007	-0.0143	-0.1093	-2.82E-5	-1.86E-7	3.29E-6
	CC6	0.2547	0.1100	-0.1226	1.30E-4	8.59E-7	-2.32E-4
	CC7	0.2511	0.1088	-0.1221	1.30E-4	8.59E-7	-2.22E-4
	CC8	0.2555	-0.2557	-0.1299	-3.77E-4	-2.49E-6	-2.06E-4
	CC9	0.2519	-0.2570	-0.1294	-3.77E-4	-2.49E-6	-1.96E-4
	CC10	-0.2504	0.2291	-0.0864	3.22E-4	2.12E-6	2.03E-4
	CC11	-0.2540	0.2278	-0.0859	3.22E-4	2.12E-6	2.12E-4
	CC12	-0.2496	-0.1366	-0.0937	-1.85E-4	-1.22E-6	2.28E-4
	CC13	-0.2532	-0.1379	-0.0932	-1.85E-4	-1.22E-6	2.38E-4
	CC14	0.0806	0.5797	-0.1019	7.89E-4	5.21E-6	-1.20E-4
	CC15	0.0698	0.5759	-0.1004	7.89E-4	5.20E-6	-8.96E-5
	CC16	-0.0709	0.6154	-0.0910	8.46E-4	5.59E-6	1.05E-5
	CC17	-0.0818	0.6116	-0.0896	8.46E-4	5.58E-6	4.08E-5
	CC18	0.0833	-0.6395	-0.1262	-9.01E-4	-5.95E-6	-3.47E-5

	CC19	0.0724	-0.6433	-0.1248	-9.01E-4	-5.95E-6	-4.42E-6
	CC20	-0.0683	-0.6038	-0.1153	-8.44E-4	-5.57E-6	9.56E-5
	CC21	-0.0791	-0.6076	-0.1139	-8.44E-4	-5.57E-6	1.26E-4
753	CC1	0.0007	-0.0150	-0.1127	-2.83E-5	-1.87E-7	4.84E-6
	CC2	0.0007	-0.0150	-0.1127	-2.83E-5	-1.87E-7	4.84E-6
	CC3	0.0007	-0.0150	-0.1127	-2.83E-5	-1.87E-7	4.84E-6
	CC4	0.0008	-0.0140	-0.1086	-2.64E-5	-1.74E-7	4.16E-6
	CC5	0.0008	-0.0140	-0.1086	-2.64E-5	-1.74E-7	4.16E-6
	CC6	0.2546	0.0891	-0.0942	1.04E-4	6.84E-7	-2.29E-4
	CC7	0.2510	0.0888	-0.0940	1.05E-4	6.93E-7	-2.19E-4
	CC8	0.2554	-0.2742	-0.1018	-4.09E-4	-2.70E-6	-2.00E-4
	CC9	0.2518	-0.2746	-0.1016	-4.07E-4	-2.69E-6	-1.90E-4
	CC10	-0.2502	0.2473	-0.1129	3.56E-4	2.35E-6	1.98E-4
	CC11	-0.2538	0.2470	-0.1127	3.57E-4	2.36E-6	2.08E-4
	CC12	-0.2494	-0.1160	-0.1205	-1.57E-4	-1.03E-6	2.27E-4
	CC13	-0.2530	-0.1164	-0.1203	-1.55E-4	-1.03E-6	2.37E-4
	CC14	0.0807	0.5687	-0.0920	7.88E-4	5.20E-6	-1.23E-4
	CC15	0.0698	0.5676	-0.0915	7.92E-4	5.23E-6	-9.33E-5
	CC16	-0.0708	0.6162	-0.0976	8.64E-4	5.70E-6	4.68E-6
	CC17	-0.0816	0.6151	-0.0971	8.68E-4	5.73E-6	3.47E-5
	CC18	0.0832	-0.6424	-0.1174	-9.19E-4	-6.07E-6	-2.68E-5
	CC19	0.0724	-0.6434	-0.1169	-9.16E-4	-6.04E-6	3.19E-6
	CC20	-0.0682	-0.5949	-0.1230	-8.44E-4	-5.57E-6	1.01E-4
	CC21	-0.0791	-0.5960	-0.1225	-8.40E-4	-5.54E-6	1.31E-4
754	CC1	0.0011	-0.0179	-0.1131	-3.96E-5	-2.62E-7	5.97E-6
	CC2	0.0011	-0.0179	-0.1131	-3.96E-5	-2.62E-7	5.97E-6
	CC3	0.0011	-0.0179	-0.1131	-3.96E-5	-2.62E-7	5.97E-6
	CC4	0.0012	-0.0168	-0.1090	-3.74E-5	-2.47E-7	5.20E-6
	CC5	0.0012	-0.0168	-0.1090	-3.74E-5	-2.47E-7	5.20E-6
	CC6	0.2823	0.0965	-0.0943	5.91E-5	3.90E-7	-2.50E-4
	CC7	0.2784	0.0962	-0.0942	6.01E-5	3.96E-7	-2.40E-4
	CC8	0.2830	-0.3053	-0.1022	-3.02E-4	-2.00E-6	-2.28E-4
	CC9	0.2790	-0.3056	-0.1020	-3.01E-4	-1.99E-6	-2.17E-4
	CC10	-0.2766	0.2728	-0.1133	2.28E-4	1.51E-6	2.27E-4
	CC11	-0.2805	0.2726	-0.1131	2.29E-4	1.51E-6	2.38E-4
	CC12	-0.2759	-0.1290	-0.1212	-1.33E-4	-8.80E-7	2.49E-4
	CC13	-0.2799	-0.1292	-0.1210	-1.32E-4	-8.74E-7	2.60E-4
	CC14	0.0900	0.6272	-0.0919	5.39E-4	3.56E-6	-1.21E-4
	CC15	0.0780	0.6265	-0.0914	5.42E-4	3.58E-6	-8.80E-5
	CC16	-0.0777	0.6801	-0.0976	5.90E-4	3.89E-6	2.19E-5
	CC17	-0.0897	0.6794	-0.0971	5.92E-4	3.91E-6	5.51E-5
	CC18	0.0921	-0.7121	-0.1182	-6.66E-4	-4.39E-6	-4.52E-5
	CC19	0.0802	-0.7129	-0.1177	-6.63E-4	-4.38E-6	-1.20E-5
	CC20	-0.0755	-0.6592	-0.1239	-6.15E-4	-4.06E-6	9.79E-5
	CC21	-0.0875	-0.6600	-0.1234	-6.12E-4	-4.04E-6	1.31E-4
755	CC1	0.0045	-0.0184	-0.0954	1.16E-6	-1.25E-5	1.24E-5
	CC2	0.0045	-0.0184	-0.0954	1.16E-6	-1.25E-5	1.24E-5
	CC3	0.0045	-0.0184	-0.0954	1.16E-6	-1.25E-5	1.24E-5
	CC4	0.0043	-0.0173	-0.0926	1.07E-6	-1.15E-5	1.09E-5
	CC5	0.0043	-0.0173	-0.0926	1.07E-6	-1.15E-5	1.09E-5
	CC6	0.2350	0.0646	-0.0534	2.86E-5	-3.07E-4	-2.32E-4
	CC7	0.2364	0.0655	-0.0528	2.89E-5	-3.10E-4	-2.22E-4
	CC8	0.2577	-0.3171	-0.0127	2.42E-5	-2.60E-4	-1.80E-4
	CC9	0.2592	-0.3162	-0.0121	2.44E-5	-2.62E-4	-1.70E-4
	CC10	-0.2508	0.2824	-0.1713	-2.23E-5	2.40E-4	1.91E-4
	CC11	-0.2493	0.2833	-0.1707	-2.21E-5	2.37E-4	2.01E-4
	CC12	-0.2281	-0.0993	-0.1306	-2.68E-5	2.88E-4	2.43E-4
	CC13	-0.2266	-0.0984	-0.1301	-2.65E-5	2.85E-4	2.53E-4
	CC14	0.0369	0.5853	-0.1427	1.57E-5	-1.69E-4	-1.55E-4
	CC15	0.0413	0.5880	-0.1410	1.65E-5	-1.77E-4	-1.24E-4
	CC16	-0.1088	0.6506	-0.1780	4.06E-7	-4.36E-6	-2.82E-5
	CC17	-0.1044	0.6533	-0.1764	1.18E-6	-1.27E-5	2.58E-6
	CC18	0.1127	-0.6871	-0.0071	8.88E-7	-9.54E-6	1.82E-5
	CC19	0.1172	-0.6844	-0.0054	1.67E-6	-1.79E-5	4.90E-5
	CC20	-0.0330	-0.6218	-0.0425	-1.44E-5	1.55E-4	1.45E-4
	CC21	-0.0285	-0.6191	-0.0408	-1.36E-5	1.46E-4	1.76E-4
756	CC1	0.0032	-0.0156	-0.0953	9.68E-7	-1.04E-5	9.53E-6
	CC2	0.0032	-0.0156	-0.0953	9.68E-7	-1.04E-5	9.53E-6
	CC3	0.0032	-0.0156	-0.0953	9.68E-7	-1.04E-5	9.53E-6
	CC4	0.0031	-0.0146	-0.0925	8.88E-7	-9.54E-6	8.46E-6
	CC5	0.0031	-0.0146	-0.0925	8.88E-7	-9.54E-6	8.46E-6
	CC6	0.2102	0.0595	-0.0534	2.76E-5	-2.96E-4	-2.11E-4

	CC7	0.2115	0.0602	-0.0528	2.78E-5	-2.99E-4	-2.02E-4
	CC8	0.2325	-0.2830	-0.0127	2.51E-5	-2.70E-4	-1.51E-4
	CC9	0.2338	-0.2823	-0.0121	2.54E-5	-2.72E-4	-1.42E-4
	CC10	-0.2277	0.2536	-0.1711	-2.36E-5	2.54E-4	1.58E-4
	CC11	-0.2264	0.2543	-0.1705	-2.34E-5	2.52E-4	1.67E-4
	CC12	-0.2054	-0.0888	-0.1304	-2.61E-5	2.80E-4	2.18E-4
	CC13	-0.2041	-0.0881	-0.1298	-2.59E-5	2.78E-4	2.27E-4
	CC14	0.0297	0.5263	-0.1425	1.23E-5	-1.32E-4	-1.60E-4
	CC15	0.0335	0.5284	-0.1408	1.30E-5	-1.39E-4	-1.33E-4
	CC16	-0.1017	0.5845	-0.1779	-3.09E-6	3.31E-5	-4.97E-5
	CC17	-0.0979	0.5866	-0.1762	-2.41E-6	2.58E-5	-2.24E-5
	CC18	0.1040	-0.6153	-0.0070	4.13E-6	-4.43E-5	3.87E-5
	CC19	0.1078	-0.6132	-0.0053	4.81E-6	-5.16E-5	6.59E-5
	CC20	-0.0274	-0.5570	-0.0424	-1.12E-5	1.21E-4	1.49E-4
	CC21	-0.0236	-0.5549	-0.0407	-1.06E-5	1.13E-4	1.77E-4
757	CC1	0.0021	-0.0129	-0.0951	7.20E-7	-7.73E-6	6.94E-6
	CC2	0.0021	-0.0129	-0.0951	7.20E-7	-7.73E-6	6.94E-6
	CC3	0.0021	-0.0129	-0.0951	7.20E-7	-7.73E-6	6.94E-6
	CC4	0.0021	-0.0121	-0.0923	6.60E-7	-7.09E-6	6.26E-6
	CC5	0.0021	-0.0121	-0.0923	6.60E-7	-7.09E-6	6.26E-6
	CC6	0.1877	0.0543	-0.0532	2.46E-5	-2.64E-4	-1.89E-4
	CC7	0.1888	0.0549	-0.0526	2.47E-5	-2.66E-4	-1.81E-4
	CC8	0.2072	-0.2495	-0.0129	2.52E-5	-2.71E-4	-1.35E-4
	CC9	0.2082	-0.2490	-0.0124	2.54E-5	-2.73E-4	-1.27E-4
	CC10	-0.2041	0.2254	-0.1705	-2.41E-5	2.59E-4	1.39E-4
	CC11	-0.2030	0.2259	-0.1699	-2.39E-5	2.57E-4	1.47E-4
	CC12	-0.1847	-0.0785	-0.1302	-2.34E-5	2.52E-4	1.93E-4
	CC13	-0.1836	-0.0780	-0.1296	-2.33E-5	2.50E-4	2.01E-4
	CC14	0.0269	0.4682	-0.1418	6.59E-6	-7.08E-5	-1.45E-4
	CC15	0.0302	0.4698	-0.1400	7.09E-6	-7.61E-5	-1.21E-4
	CC16	-0.0907	0.5195	-0.1769	-8.01E-6	8.61E-5	-4.68E-5
	CC17	-0.0874	0.5211	-0.1752	-7.51E-6	8.07E-5	-2.27E-5
	CC18	0.0916	-0.5447	-0.0076	8.79E-6	-9.44E-5	3.48E-5
	CC19	0.0949	-0.5432	-0.0059	9.29E-6	-9.98E-5	5.88E-5
	CC20	-0.0260	-0.4934	-0.0428	-5.81E-6	6.24E-5	1.33E-4
	CC21	-0.0227	-0.4919	-0.0411	-5.31E-6	5.70E-5	1.57E-4
758	CC1	0.0016	-0.0130	-0.0975	4.83E-7	-5.19E-6	7.26E-6
	CC2	0.0016	-0.0130	-0.0975	4.83E-7	-5.19E-6	7.26E-6
	CC3	0.0016	-0.0130	-0.0975	4.83E-7	-5.19E-6	7.26E-6
	CC4	0.0016	-0.0122	-0.0946	4.56E-7	-4.90E-6	6.67E-6
	CC5	0.0016	-0.0122	-0.0946	4.56E-7	-4.90E-6	6.67E-6
	CC6	0.1945	0.0557	-0.0477	2.82E-5	-3.03E-4	-1.90E-4
	CC7	0.1949	0.0561	-0.0470	2.82E-5	-3.04E-4	-1.82E-4
	CC8	0.2103	-0.2486	-0.0395	2.68E-5	-2.88E-4	-1.52E-4
	CC9	0.2108	-0.2482	-0.0389	2.69E-5	-2.89E-4	-1.44E-4
	CC10	-0.2076	0.2244	-0.1483	-2.60E-5	2.80E-4	1.57E-4
	CC11	-0.2071	0.2248	-0.1477	-2.59E-5	2.79E-4	1.65E-4
	CC12	-0.1918	-0.0800	-0.1402	-2.74E-5	2.94E-4	1.95E-4
	CC13	-0.1913	-0.0795	-0.1396	-2.73E-5	2.93E-4	2.03E-4
	CC14	0.0349	0.4693	-0.0930	1.06E-5	-1.14E-4	-1.20E-4
	CC15	0.0362	0.4707	-0.0911	1.09E-5	-1.18E-4	-9.58E-5
	CC16	-0.0857	0.5199	-0.1232	-5.61E-6	6.02E-5	-1.63E-5
	CC17	-0.0844	0.5213	-0.1213	-5.32E-6	5.71E-5	8.25E-6
	CC18	0.0876	-0.5451	-0.0659	6.21E-6	-6.67E-5	4.69E-6
	CC19	0.0889	-0.5437	-0.0641	6.50E-6	-6.98E-5	2.92E-5
	CC20	-0.0331	-0.4945	-0.0961	-1.00E-5	1.08E-4	1.09E-4
	CC21	-0.0317	-0.4931	-0.0942	-9.75E-6	1.05E-4	1.33E-4
759	CC1	0.0010	-0.0131	-0.1000	2.39E-7	-2.57E-6	6.86E-6
	CC2	0.0010	-0.0131	-0.1000	2.39E-7	-2.57E-6	6.86E-6
	CC3	0.0010	-0.0131	-0.1000	2.39E-7	-2.57E-6	6.86E-6
	CC4	0.0011	-0.0123	-0.0969	2.40E-7	-2.58E-6	6.45E-6
	CC5	0.0011	-0.0123	-0.0969	2.40E-7	-2.58E-6	6.45E-6
	CC6	0.1994	0.0571	-0.0408	2.94E-5	-3.16E-4	-1.92E-4
	CC7	0.1992	0.0575	-0.0401	2.95E-5	-3.16E-4	-1.83E-4
	CC8	0.2124	-0.2478	-0.0654	2.74E-5	-2.94E-4	-1.60E-4
	CC9	0.2122	-0.2474	-0.0648	2.74E-5	-2.94E-4	-1.51E-4
	CC10	-0.2101	0.2234	-0.1271	-2.69E-5	2.89E-4	1.64E-4
	CC11	-0.2103	0.2238	-0.1264	-2.69E-5	2.89E-4	1.72E-4
	CC12	-0.1970	-0.0815	-0.1517	-2.90E-5	3.11E-4	1.96E-4
	CC13	-0.1972	-0.0812	-0.1510	-2.90E-5	3.11E-4	2.04E-4
	CC14	0.0410	0.4706	-0.0429	1.21E-5	-1.30E-4	-1.13E-4
	CC15	0.0404	0.4718	-0.0409	1.22E-5	-1.31E-4	-8.81E-5

	CC16	-0.0818	0.5205	-0.0688	-4.79E-6	5.15E-5	-6.09E-6
	CC17	-0.0824	0.5217	-0.0668	-4.73E-6	5.08E-5	1.86E-5
	CC18	0.0846	-0.5458	-0.1250	5.21E-6	-5.60E-5	-6.02E-6
	CC19	0.0839	-0.5446	-0.1230	5.27E-6	-5.66E-5	1.87E-5
	CC20	-0.0382	-0.4959	-0.1509	-1.17E-5	1.26E-4	1.01E-4
	CC21	-0.0389	-0.4947	-0.1489	-1.16E-5	1.25E-4	1.25E-4
760	CC1	0.0035	-0.0185	-0.0980	9.71E-7	-1.04E-5	1.21E-5
	CC2	0.0035	-0.0185	-0.0980	9.71E-7	-1.04E-5	1.21E-5
	CC3	0.0035	-0.0185	-0.0980	9.71E-7	-1.04E-5	1.21E-5
	CC4	0.0034	-0.0174	-0.0951	9.09E-7	-9.77E-6	1.07E-5
	CC5	0.0034	-0.0174	-0.0951	9.09E-7	-9.77E-6	1.07E-5
	CC6	0.2429	0.0664	-0.0473	2.67E-5	-2.87E-4	-2.35E-4
	CC7	0.2436	0.0672	-0.0466	2.69E-5	-2.89E-4	-2.25E-4
	CC8	0.2617	-0.3162	-0.0395	2.31E-5	-2.48E-4	-1.87E-4
	CC9	0.2624	-0.3154	-0.0389	2.32E-5	-2.49E-4	-1.77E-4
	CC10	-0.2557	0.2813	-0.1493	-2.14E-5	2.30E-4	1.98E-4
	CC11	-0.2550	0.2822	-0.1487	-2.13E-5	2.29E-4	2.08E-4
	CC12	-0.2369	-0.1012	-0.1416	-2.51E-5	2.70E-4	2.46E-4
	CC13	-0.2362	-0.1004	-0.1409	-2.49E-5	2.68E-4	2.56E-4
	CC14	0.0458	0.5872	-0.0926	1.40E-5	-1.50E-4	-1.50E-4
	CC15	0.0478	0.5896	-0.0908	1.45E-5	-1.55E-4	-1.19E-4
	CC16	-0.1037	0.6516	-0.1232	-4.63E-7	4.99E-6	-2.01E-5
	CC17	-0.1018	0.6541	-0.1214	1.95E-9	-4.64E-9	1.05E-5
	CC18	0.1085	-0.6881	-0.0668	1.78E-6	-1.91E-5	9.99E-6
	CC19	0.1104	-0.6857	-0.0650	2.24E-6	-2.41E-5	4.07E-5
	CC20	-0.0411	-0.6236	-0.0974	-1.27E-5	1.36E-4	1.40E-4
	CC21	-0.0391	-0.6212	-0.0956	-1.22E-5	1.31E-4	1.71E-4
761	CC1	0.0024	-0.0157	-0.0978	7.39E-7	-7.94E-6	1.01E-5
	CC2	0.0024	-0.0157	-0.0978	7.39E-7	-7.94E-6	1.01E-5
	CC3	0.0024	-0.0157	-0.0978	7.39E-7	-7.94E-6	1.01E-5
	CC4	0.0024	-0.0147	-0.0949	6.95E-7	-7.46E-6	9.06E-6
	CC5	0.0024	-0.0147	-0.0949	6.95E-7	-7.46E-6	9.06E-6
	CC6	0.2189	0.0611	-0.0475	2.80E-5	-3.01E-4	-2.13E-4
	CC7	0.2195	0.0617	-0.0469	2.81E-5	-3.02E-4	-2.04E-4
	CC8	0.2368	-0.2822	-0.0394	2.56E-5	-2.75E-4	-1.63E-4
	CC9	0.2373	-0.2816	-0.0388	2.57E-5	-2.76E-4	-1.55E-4
	CC10	-0.2326	0.2528	-0.1490	-2.44E-5	2.62E-4	1.72E-4
	CC11	-0.2321	0.2534	-0.1484	-2.42E-5	2.60E-4	1.81E-4
	CC12	-0.2148	-0.0905	-0.1410	-2.68E-5	2.88E-4	2.21E-4
	CC13	-0.2142	-0.0899	-0.1404	-2.67E-5	2.86E-4	2.30E-4
	CC14	0.0395	0.5280	-0.0931	1.24E-5	-1.33E-4	-1.44E-4
	CC15	0.0411	0.5299	-0.0912	1.28E-5	-1.37E-4	-1.17E-4
	CC16	-0.0960	0.5855	-0.1235	-3.34E-6	3.58E-5	-2.90E-5
	CC17	-0.0944	0.5874	-0.1217	-2.95E-6	3.17E-5	-1.71E-6
	CC18	0.0991	-0.6163	-0.0662	4.31E-6	-4.63E-5	1.92E-5
	CC19	0.1007	-0.6144	-0.0643	4.70E-6	-5.05E-5	4.64E-5
	CC20	-0.0364	-0.5588	-0.0966	-1.14E-5	1.23E-4	1.35E-4
	CC21	-0.0348	-0.5569	-0.0948	-1.10E-5	1.18E-4	1.62E-4
762	CC1	0.0016	-0.0158	-0.1004	5.62E-7	-6.04E-6	8.81E-6
	CC2	0.0016	-0.0158	-0.1004	5.62E-7	-6.04E-6	8.81E-6
	CC3	0.0016	-0.0158	-0.1004	5.62E-7	-6.04E-6	8.81E-6
	CC4	0.0017	-0.0148	-0.0974	5.55E-7	-5.97E-6	8.04E-6
	CC5	0.0017	-0.0148	-0.0974	5.55E-7	-5.97E-6	8.04E-6
	CC6	0.2258	0.0628	-0.0406	3.09E-5	-3.32E-4	-2.17E-4
	CC7	0.2256	0.0633	-0.0399	3.10E-5	-3.33E-4	-2.08E-4
	CC8	0.2402	-0.2817	-0.0654	2.77E-5	-2.98E-4	-1.77E-4
	CC9	0.2400	-0.2811	-0.0647	2.78E-5	-2.98E-4	-1.68E-4
	CC10	-0.2366	0.2521	-0.1280	-2.66E-5	2.86E-4	1.84E-4
	CC11	-0.2368	0.2527	-0.1273	-2.66E-5	2.86E-4	1.93E-4
	CC12	-0.2222	-0.0923	-0.1528	-2.99E-5	3.21E-4	2.23E-4
	CC13	-0.2224	-0.0918	-0.1522	-2.98E-5	3.20E-4	2.32E-4
	CC14	0.0474	0.5303	-0.0429	1.45E-5	-1.55E-4	-1.32E-4
	CC15	0.0468	0.5320	-0.0408	1.46E-5	-1.57E-4	-1.04E-4
	CC16	-0.0914	0.5871	-0.0691	-2.80E-6	3.01E-5	-1.16E-5
	CC17	-0.0920	0.5888	-0.0671	-2.66E-6	2.86E-5	1.60E-5
	CC18	0.0953	-0.6179	-0.1257	3.77E-6	-4.05E-5	-4.38E-7
	CC19	0.0947	-0.6161	-0.1236	3.91E-6	-4.20E-5	2.71E-5
	CC20	-0.0434	-0.5610	-0.1519	-1.35E-5	1.45E-4	1.20E-4
	CC21	-0.0440	-0.5593	-0.1499	-1.34E-5	1.43E-4	1.47E-4
763	CC1	0.0026	-0.0186	-0.1008	8.79E-7	-9.44E-6	1.02E-5
	CC2	0.0026	-0.0186	-0.1008	8.79E-7	-9.44E-6	1.02E-5
	CC3	0.0026	-0.0186	-0.1008	8.79E-7	-9.44E-6	1.02E-5

	CC4	0.0026	-0.0175	-0.0977	8.39E-7	-9.02E-6	9.10E-6
	CC5	0.0026	-0.0175	-0.0977	8.39E-7	-9.02E-6	9.10E-6
	CC6	0.2509	0.0683	-0.0403	2.61E-5	-2.80E-4	-2.40E-4
	CC7	0.2508	0.0691	-0.0396	2.61E-5	-2.81E-4	-2.30E-4
	CC8	0.2661	-0.3159	-0.0657	2.27E-5	-2.44E-4	-1.95E-4
	CC9	0.2659	-0.3152	-0.0650	2.28E-5	-2.45E-4	-1.85E-4
	CC10	-0.2607	0.2810	-0.1284	-2.11E-5	2.27E-4	2.02E-4
	CC11	-0.2609	0.2817	-0.1277	-2.11E-5	2.26E-4	2.12E-4
	CC12	-0.2456	-0.1033	-0.1537	-2.45E-5	2.63E-4	2.48E-4
	CC13	-0.2458	-0.1025	-0.1530	-2.44E-5	2.63E-4	2.58E-4
	CC14	0.0543	0.5903	-0.0423	1.34E-5	-1.44E-4	-1.49E-4
	CC15	0.0538	0.5926	-0.0402	1.36E-5	-1.46E-4	-1.18E-4
	CC16	-0.0992	0.6541	-0.0687	-7.32E-7	7.87E-6	-1.62E-5
	CC17	-0.0997	0.6563	-0.0666	-5.67E-7	6.09E-6	1.45E-5
	CC18	0.1048	-0.6905	-0.1267	2.22E-6	-2.39E-5	2.95E-6
	CC19	0.1043	-0.6883	-0.1247	2.38E-6	-2.56E-5	3.36E-5
	CC20	-0.0487	-0.6267	-0.1532	-1.19E-5	1.28E-4	1.36E-4
	CC21	-0.0492	-0.6245	-0.1511	-1.18E-5	1.27E-4	1.66E-4
764	CC1	0.0046	-0.0178	-0.0979	-4.64E-5	-2.57E-6	6.39E-6
	CC2	0.0046	-0.0178	-0.0979	-4.64E-5	-2.57E-6	6.39E-6
	CC3	0.0046	-0.0178	-0.0979	-4.64E-5	-2.57E-6	6.39E-6
	CC4	0.0047	-0.0164	-0.0951	-4.34E-5	-2.41E-6	5.35E-6
	CC5	0.0047	-0.0164	-0.0951	-4.34E-5	-2.41E-6	5.35E-6
	CC6	0.2290	0.1746	-0.0953	1.17E-4	6.48E-6	-2.34E-4
	CC7	0.2314	0.1710	-0.0949	1.14E-4	6.32E-6	-2.24E-4
	CC8	0.2533	-0.2290	-0.0668	-3.04E-4	-1.69E-5	-2.25E-4
	CC9	0.2557	-0.2326	-0.0665	-3.07E-4	-1.70E-5	-2.14E-4
	CC10	-0.2461	0.2006	-0.1218	2.22E-4	1.23E-5	2.24E-4
	CC11	-0.2437	0.1970	-0.1214	2.19E-4	1.22E-5	2.35E-4
	CC12	-0.2218	-0.2029	-0.0933	-1.99E-4	-1.10E-5	2.34E-4
	CC13	-0.2195	-0.2065	-0.0929	-2.02E-4	-1.12E-5	2.44E-4
	CC14	0.0320	0.6582	-0.1383	6.47E-4	3.59E-5	-9.52E-5
	CC15	0.0392	0.6472	-0.1371	6.38E-4	3.54E-5	-6.38E-5
	CC16	-0.1105	0.6660	-0.1462	6.79E-4	3.77E-5	4.25E-5
	CC17	-0.1033	0.6550	-0.1450	6.70E-4	3.72E-5	7.38E-5
	CC18	0.1129	-0.6870	-0.0433	-7.55E-4	-4.19E-5	-6.38E-5
	CC19	0.1201	-0.6979	-0.0421	-7.63E-4	-4.24E-5	-3.24E-5
	CC20	-0.0296	-0.6791	-0.0512	-7.23E-4	-4.01E-5	7.38E-5
	CC21	-0.0225	-0.6901	-0.0500	-7.32E-4	-4.06E-5	1.05E-4
765	CC1	0.0036	-0.0148	-0.0976	-2.53E-5	-1.40E-6	-1.84E-6
	CC2	0.0036	-0.0148	-0.0976	-2.53E-5	-1.40E-6	-1.84E-6
	CC3	0.0036	-0.0148	-0.0976	-2.53E-5	-1.40E-6	-1.84E-6
	CC4	0.0037	-0.0136	-0.0948	-2.34E-5	-1.30E-6	-2.24E-6
	CC5	0.0037	-0.0136	-0.0948	-2.34E-5	-1.30E-6	-2.24E-6
	CC6	0.2051	0.1589	-0.0955	1.96E-4	1.09E-5	-2.30E-4
	CC7	0.2072	0.1555	-0.0951	1.93E-4	1.07E-5	-2.20E-4
	CC8	0.2276	-0.2039	-0.0671	-3.24E-4	-1.80E-5	-1.98E-4
	CC9	0.2296	-0.2073	-0.0667	-3.27E-4	-1.82E-5	-1.88E-4
	CC10	-0.2222	0.1808	-0.1210	2.82E-4	1.56E-5	1.84E-4
	CC11	-0.2201	0.1774	-0.1206	2.79E-4	1.55E-5	1.93E-4
	CC12	-0.1997	-0.1820	-0.0926	-2.38E-4	-1.32E-5	2.15E-4
	CC13	-0.1976	-0.1854	-0.0922	-2.41E-4	-1.34E-5	2.25E-4
	CC14	0.0273	0.5933	-0.1379	8.35E-4	4.64E-5	-1.32E-4
	CC15	0.0336	0.5830	-0.1368	8.26E-4	4.58E-5	-1.03E-4
	CC16	-0.1009	0.5998	-0.1456	8.61E-4	4.78E-5	-7.93E-6
	CC17	-0.0946	0.5896	-0.1444	8.52E-4	4.73E-5	2.08E-5
	CC18	0.1021	-0.6160	-0.0433	-8.97E-4	-4.98E-5	-2.56E-5
	CC19	0.1084	-0.6263	-0.0422	-9.07E-4	-5.03E-5	3.20E-6
	CC20	-0.0261	-0.6095	-0.0510	-8.71E-4	-4.84E-5	9.84E-5
	CC21	-0.0198	-0.6197	-0.0498	-8.81E-4	-4.89E-5	1.27E-4
766	CC1	0.0027	-0.0123	-0.0972	-3.37E-5	-1.87E-6	-1.19E-5
	CC2	0.0027	-0.0123	-0.0972	-3.37E-5	-1.87E-6	-1.19E-5
	CC3	0.0027	-0.0123	-0.0972	-3.37E-5	-1.87E-6	-1.19E-5
	CC4	0.0028	-0.0113	-0.0944	-3.13E-5	-1.74E-6	-1.16E-5
	CC5	0.0028	-0.0113	-0.0944	-3.13E-5	-1.74E-6	-1.16E-5
	CC6	0.1828	0.1416	-0.0957	1.77E-4	9.82E-6	-2.24E-4
	CC7	0.1847	0.1385	-0.0954	1.74E-4	9.63E-6	-2.16E-4
	CC8	0.2031	-0.1781	-0.0676	-3.22E-4	-1.79E-5	-1.69E-4
	CC9	0.2049	-0.1812	-0.0673	-3.25E-4	-1.81E-5	-1.60E-4
	CC10	-0.1993	0.1592	-0.1197	2.64E-4	1.47E-5	1.37E-4
	CC11	-0.1975	0.1561	-0.1193	2.61E-4	1.45E-5	1.46E-4
	CC12	-0.1790	-0.1604	-0.0916	-2.35E-4	-1.30E-5	1.93E-4

	CC13	-0.1772	-0.1635	-0.0912	-2.38E-4	-1.32E-5	2.01E-4
	CC14	0.0236	0.5238	-0.1373	7.93E-4	4.40E-5	-1.71E-4
	CC15	0.0291	0.5144	-0.1362	7.83E-4	4.35E-5	-1.45E-4
	CC16	-0.0910	0.5291	-0.1445	8.19E-4	4.55E-5	-6.31E-5
	CC17	-0.0855	0.5197	-0.1434	8.09E-4	4.49E-5	-3.70E-5
	CC18	0.0911	-0.5417	-0.0436	-8.70E-4	-4.83E-5	1.40E-5
	CC19	0.0966	-0.5511	-0.0425	-8.80E-4	-4.89E-5	4.00E-5
	CC20	-0.0235	-0.5364	-0.0508	-8.44E-4	-4.68E-5	1.22E-4
	CC21	-0.0180	-0.5458	-0.0497	-8.54E-4	-4.74E-5	1.48E-4
767	CC1	0.0027	-0.0115	-0.0981	-3.65E-5	-2.03E-6	-6.45E-6
	CC2	0.0027	-0.0115	-0.0981	-3.65E-5	-2.03E-6	-6.45E-6
	CC3	0.0027	-0.0115	-0.0981	-3.65E-5	-2.03E-6	-6.45E-6
	CC4	0.0028	-0.0105	-0.0953	-3.38E-5	-1.88E-6	-6.39E-6
	CC5	0.0028	-0.0105	-0.0953	-3.38E-5	-1.88E-6	-6.39E-6
	CC6	0.1834	0.1621	-0.1146	1.88E-4	1.04E-5	-1.97E-4
	CC7	0.1853	0.1583	-0.1143	1.84E-4	1.02E-5	-1.89E-4
	CC8	0.2037	-0.1618	-0.0871	-3.30E-4	-1.83E-5	-1.79E-4
	CC9	0.2055	-0.1657	-0.0869	-3.35E-4	-1.86E-5	-1.71E-4
	CC10	-0.1999	0.1453	-0.1019	2.69E-4	1.49E-5	1.58E-4
	CC11	-0.1980	0.1414	-0.1016	2.64E-4	1.47E-5	1.66E-4
	CC12	-0.1796	-0.1786	-0.0744	-2.49E-4	-1.38E-5	1.77E-4
	CC13	-0.1778	-0.1825	-0.0742	-2.54E-4	-1.41E-5	1.85E-4
	CC14	0.0237	0.5381	-0.1424	8.26E-4	4.58E-5	-1.03E-4
	CC15	0.0294	0.5264	-0.1417	8.12E-4	4.51E-5	-7.80E-5
	CC16	-0.0913	0.5330	-0.1386	8.50E-4	4.72E-5	3.87E-6
	CC17	-0.0856	0.5213	-0.1379	8.36E-4	4.64E-5	2.87E-5
	CC18	0.0913	-0.5417	-0.0508	-9.02E-4	-5.01E-5	-4.14E-5
	CC19	0.0969	-0.5534	-0.0501	-9.16E-4	-5.08E-5	-1.66E-5
	CC20	-0.0237	-0.5467	-0.0470	-8.78E-4	-4.87E-5	6.53E-5
	CC21	-0.0181	-0.5585	-0.0463	-8.92E-4	-4.95E-5	9.01E-5
768	CC1	0.0028	-0.0115	-0.0990	-4.21E-5	-2.34E-6	5.29E-6
	CC2	0.0028	-0.0115	-0.0990	-4.21E-5	-2.34E-6	5.29E-6
	CC3	0.0028	-0.0115	-0.0990	-4.21E-5	-2.34E-6	5.29E-6
	CC4	0.0029	-0.0105	-0.0963	-3.89E-5	-2.16E-6	5.03E-6
	CC5	0.0029	-0.0105	-0.0963	-3.89E-5	-2.16E-6	5.03E-6
	CC6	0.1840	0.1777	-0.1317	1.74E-4	9.67E-6	-1.39E-4
	CC7	0.1859	0.1732	-0.1316	1.69E-4	9.36E-6	-1.32E-4
	CC8	0.2042	-0.1459	-0.1044	-3.37E-4	-1.87E-5	-1.89E-4
	CC9	0.2061	-0.1504	-0.1043	-3.43E-4	-1.90E-5	-1.82E-4
	CC10	-0.2002	0.1301	-0.0864	2.67E-4	1.48E-5	1.92E-4
	CC11	-0.1983	0.1255	-0.0863	2.61E-4	1.45E-5	1.99E-4
	CC12	-0.1800	-0.1935	-0.0591	-2.44E-4	-1.36E-5	1.42E-4
	CC13	-0.1781	-0.1981	-0.0590	-2.50E-4	-1.39E-5	1.49E-4
	CC14	0.0240	0.5432	-0.1478	8.09E-4	4.49E-5	2.72E-5
	CC15	0.0297	0.5294	-0.1475	7.92E-4	4.40E-5	4.86E-5
	CC16	-0.0913	0.5289	-0.1342	8.36E-4	4.64E-5	1.27E-4
	CC17	-0.0855	0.5151	-0.1339	8.20E-4	4.55E-5	1.48E-4
	CC18	0.0914	-0.5354	-0.0568	-8.95E-4	-4.97E-5	-1.38E-4
	CC19	0.0972	-0.5493	-0.0565	-9.12E-4	-5.06E-5	-1.17E-4
	CC20	-0.0239	-0.5497	-0.0432	-8.68E-4	-4.82E-5	-3.87E-5
	CC21	-0.0181	-0.5636	-0.0429	-8.84E-4	-4.91E-5	-1.73E-5
769	CC1	0.0046	-0.0181	-0.0989	-4.02E-5	-2.23E-6	-9.67E-7
	CC2	0.0046	-0.0181	-0.0989	-4.02E-5	-2.23E-6	-9.67E-7
	CC3	0.0046	-0.0181	-0.0989	-4.02E-5	-2.23E-6	-9.67E-7
	CC4	0.0047	-0.0166	-0.0961	-3.72E-5	-2.06E-6	-1.84E-6
	CC5	0.0047	-0.0166	-0.0961	-3.72E-5	-2.06E-6	-1.84E-6
	CC6	0.2295	0.1983	-0.1160	1.47E-4	8.18E-6	-2.51E-4
	CC7	0.2319	0.1938	-0.1157	1.43E-4	7.97E-6	-2.41E-4
	CC8	0.2538	-0.2076	-0.0880	-2.90E-4	-1.61E-5	-2.19E-4
	CC9	0.2563	-0.2122	-0.0877	-2.94E-4	-1.63E-5	-2.08E-4
	CC10	-0.2467	0.1799	-0.1025	2.22E-4	1.23E-5	2.04E-4
	CC11	-0.2443	0.1753	-0.1023	2.18E-4	1.21E-5	2.15E-4
	CC12	-0.2224	-0.2261	-0.0745	-2.16E-4	-1.20E-5	2.37E-4
	CC13	-0.2199	-0.2307	-0.0743	-2.20E-4	-1.22E-5	2.47E-4
	CC14	0.0320	0.6701	-0.1442	6.87E-4	3.82E-5	-1.41E-4
	CC15	0.0393	0.6563	-0.1435	6.76E-4	3.75E-5	-1.09E-4
	CC16	-0.1109	0.6646	-0.1401	7.10E-4	3.94E-5	-4.02E-6
	CC17	-0.1035	0.6507	-0.1394	6.98E-4	3.88E-5	2.78E-5
	CC18	0.1131	-0.6830	-0.0508	-7.71E-4	-4.28E-5	-3.21E-5
	CC19	0.1204	-0.6969	-0.0501	-7.82E-4	-4.34E-5	-2.41E-7
	CC20	-0.0298	-0.6886	-0.0468	-7.48E-4	-4.15E-5	1.05E-4
	CC21	-0.0224	-0.7024	-0.0461	-7.60E-4	-4.22E-5	1.36E-4

770	CC1	0.0036	-0.0147	-0.0986	-3.74E-5	-2.08E-6	-1.14E-6
	CC2	0.0036	-0.0147	-0.0986	-3.74E-5	-2.08E-6	-1.14E-6
	CC3	0.0036	-0.0147	-0.0986	-3.74E-5	-2.08E-6	-1.14E-6
	CC4	0.0037	-0.0135	-0.0958	-3.46E-5	-1.92E-6	-1.60E-6
	CC5	0.0037	-0.0135	-0.0958	-3.46E-5	-1.92E-6	-1.60E-6
	CC6	0.2059	0.1811	-0.1154	1.72E-4	9.53E-6	-2.25E-4
	CC7	0.2081	0.1768	-0.1151	1.68E-4	9.30E-6	-2.16E-4
	CC8	0.2284	-0.1851	-0.0875	-3.18E-4	-1.77E-5	-1.98E-4
	CC9	0.2305	-0.1893	-0.0873	-3.23E-4	-1.79E-5	-1.88E-4
	CC10	-0.2231	0.1631	-0.1024	2.55E-4	1.42E-5	1.85E-4
	CC11	-0.2209	0.1589	-0.1021	2.51E-4	1.39E-5	1.94E-4
	CC12	-0.2006	-0.2030	-0.0746	-2.35E-4	-1.30E-5	2.12E-4
	CC13	-0.1985	-0.2072	-0.0743	-2.39E-4	-1.33E-5	2.22E-4
	CC14	0.0274	0.6063	-0.1435	7.77E-4	4.31E-5	-1.23E-4
	CC15	0.0339	0.5934	-0.1428	7.65E-4	4.24E-5	-9.48E-5
	CC16	-0.1013	0.6009	-0.1396	8.02E-4	4.45E-5	-5.08E-7
	CC17	-0.0948	0.5881	-0.1389	7.90E-4	4.38E-5	2.81E-5
	CC18	0.1023	-0.6143	-0.0508	-8.57E-4	-4.76E-5	-3.16E-5
	CC19	0.1087	-0.6271	-0.0501	-8.69E-4	-4.83E-5	-3.01E-6
	CC20	-0.0264	-0.6196	-0.0469	-8.32E-4	-4.62E-5	9.13E-5
	CC21	-0.0200	-0.6325	-0.0462	-8.44E-4	-4.69E-5	1.20E-4
771	CC1	0.0036	-0.0147	-0.0997	-3.23E-5	-1.79E-6	-9.34E-8
	CC2	0.0036	-0.0147	-0.0997	-3.23E-5	-1.79E-6	-9.34E-8
	CC3	0.0036	-0.0147	-0.0997	-3.23E-5	-1.79E-6	-9.34E-8
	CC4	0.0037	-0.0134	-0.0969	-2.93E-5	-1.62E-6	-4.65E-7
	CC5	0.0037	-0.0134	-0.0969	-2.93E-5	-1.62E-6	-4.65E-7
	CC6	0.2069	0.2012	-0.1329	1.91E-4	1.06E-5	-2.19E-4
	CC7	0.2091	0.1961	-0.1328	1.85E-4	1.03E-5	-2.10E-4
	CC8	0.2295	-0.1680	-0.1054	-3.77E-4	-2.09E-5	-1.95E-4
	CC9	0.2316	-0.1730	-0.1053	-3.83E-4	-2.13E-5	-1.86E-4
	CC10	-0.2241	0.1470	-0.0867	3.27E-4	1.81E-5	1.85E-4
	CC11	-0.2219	0.1419	-0.0866	3.20E-4	1.78E-5	1.94E-4
	CC12	-0.2016	-0.2222	-0.0592	-2.41E-4	-1.34E-5	2.09E-4
	CC13	-0.1994	-0.2272	-0.0591	-2.48E-4	-1.38E-5	2.18E-4
	CC14	0.0275	0.6180	-0.1489	9.08E-4	5.04E-5	-1.16E-4
	CC15	0.0341	0.6026	-0.1487	8.88E-4	4.93E-5	-8.74E-5
	CC16	-0.1018	0.6018	-0.1350	9.49E-4	5.27E-5	5.57E-6
	CC17	-0.0952	0.5863	-0.1348	9.29E-4	5.16E-5	3.38E-5
	CC18	0.1027	-0.6124	-0.0572	-9.85E-4	-5.47E-5	-3.50E-5
	CC19	0.1093	-0.6278	-0.0570	-1.01E-3	-5.58E-5	-6.75E-6
	CC20	-0.0266	-0.6287	-0.0434	-9.45E-4	-5.25E-5	8.62E-5
	CC21	-0.0200	-0.6441	-0.0431	-9.65E-4	-5.35E-5	1.14E-4
772	CC1	0.0045	-0.0179	-0.1002	-4.24E-5	-2.35E-6	-4.53E-6
	CC2	0.0045	-0.0179	-0.1002	-4.24E-5	-2.35E-6	-4.53E-6
	CC3	0.0045	-0.0179	-0.1002	-4.24E-5	-2.35E-6	-4.53E-6
	CC4	0.0046	-0.0164	-0.0974	-3.90E-5	-2.16E-6	-5.09E-6
	CC5	0.0046	-0.0164	-0.0974	-3.90E-5	-2.16E-6	-5.09E-6
	CC6	0.2302	0.2231	-0.1340	1.49E-4	8.29E-6	-2.95E-4
	CC7	0.2327	0.2175	-0.1339	1.45E-4	8.04E-6	-2.84E-4
	CC8	0.2548	-0.1894	-0.1063	-2.82E-4	-1.56E-5	-2.02E-4
	CC9	0.2573	-0.1949	-0.1062	-2.87E-4	-1.59E-5	-1.90E-4
	CC10	-0.2479	0.1632	-0.0868	2.11E-4	1.17E-5	1.80E-4
	CC11	-0.2454	0.1576	-0.0867	2.06E-4	1.14E-5	1.91E-4
	CC12	-0.2233	-0.2493	-0.0591	-2.21E-4	-1.22E-5	2.73E-4
	CC13	-0.2209	-0.2548	-0.0590	-2.25E-4	-1.25E-5	2.84E-4
	CC14	0.0317	0.6890	-0.1499	6.79E-4	3.77E-5	-2.50E-4
	CC15	0.0392	0.6721	-0.1496	6.65E-4	3.69E-5	-2.15E-4
	CC16	-0.1117	0.6710	-0.1357	6.97E-4	3.87E-5	-1.07E-4
	CC17	-0.1042	0.6541	-0.1354	6.83E-4	3.79E-5	-7.25E-5
	CC18	0.1136	-0.6859	-0.0576	-7.59E-4	-4.21E-5	6.20E-5
	CC19	0.1211	-0.7028	-0.0573	-7.73E-4	-4.29E-5	9.67E-5
	CC20	-0.0299	-0.7039	-0.0434	-7.41E-4	-4.11E-5	2.04E-4
	CC21	-0.0223	-0.7207	-0.0431	-7.55E-4	-4.19E-5	2.39E-4
773	CC1	0.0039	-0.0157	-0.1179	-2.83E-5	0.00E+0	-8.53E-6
	CC2	0.0039	-0.0157	-0.1179	-2.83E-5	0.00E+0	-8.53E-6
	CC3	0.0039	-0.0157	-0.1179	-2.83E-5	0.00E+0	-8.53E-6
	CC4	0.0041	-0.0142	-0.1149	-2.53E-5	0.00E+0	-7.93E-6
	CC5	0.0041	-0.0142	-0.1149	-2.53E-5	0.00E+0	-7.93E-6
	CC6	0.2304	0.3760	-0.1453	4.03E-4	5.26E-29	-2.51E-4
	CC7	0.2330	0.3641	-0.1444	3.91E-4	5.26E-29	-2.41E-4
	CC8	0.2549	-0.0634	-0.1132	-9.69E-5	1.98E-29	-2.28E-4
	CC9	0.2575	-0.0752	-0.1124	-1.09E-4	1.98E-29	-2.18E-4

	CC10	-0.2492	0.0478	-0.1155	6.06E-5	-1.98E-29	2.03E-4
	CC11	-0.2467	0.0359	-0.1147	4.83E-5	-1.98E-29	2.13E-4
	CC12	-0.2248	-0.3916	-0.0835	-4.39E-4	-5.26E-29	2.26E-4
	CC13	-0.2222	-0.4034	-0.0826	-4.52E-4	-5.26E-29	2.36E-4
	CC14	0.0314	0.7857	-0.1731	8.79E-4	6.55E-29	-1.30E-4
	CC15	0.0392	0.7498	-0.1705	8.42E-4	6.55E-29	-9.87E-5
	CC16	-0.1125	0.6872	-0.1642	7.76E-4	4.38E-29	6.67E-6
	CC17	-0.1047	0.6513	-0.1616	7.39E-4	4.38E-29	3.76E-5
	CC18	0.1129	-0.6787	-0.0664	-7.88E-4	-4.38E-29	-5.30E-5
	CC19	0.1208	-0.7147	-0.0637	-8.25E-4	-4.38E-29	-2.21E-5
	CC20	-0.0309	-0.7772	-0.0574	-8.90E-4	-6.55E-29	8.32E-5
	CC21	-0.0231	-0.8131	-0.0548	-9.28E-4	-6.55E-29	1.14E-4
774	CC1	0.0033	-0.0137	-0.1172	-1.66E-5	0.00E+0	-9.58E-6
	CC2	0.0033	-0.0137	-0.1172	-1.66E-5	0.00E+0	-9.58E-6
	CC3	0.0033	-0.0137	-0.1172	-1.66E-5	0.00E+0	-9.58E-6
	CC4	0.0034	-0.0125	-0.1143	-1.43E-5	0.00E+0	-9.02E-6
	CC5	0.0034	-0.0125	-0.1143	-1.43E-5	0.00E+0	-9.02E-6
	CC6	0.2071	0.3349	-0.1443	5.44E-4	9.41E-3	-2.38E-4
	CC7	0.2093	0.3243	-0.1435	5.28E-4	9.41E-3	-2.29E-4
	CC8	0.2295	-0.0548	-0.1124	-1.03E-4	3.62E-3	-1.97E-4
	CC9	0.2317	-0.0654	-0.1116	-1.19E-4	3.62E-3	-1.88E-4
	CC10	-0.2248	0.0413	-0.1151	9.15E-5	-3.62E-3	1.70E-4
	CC11	-0.2226	0.0307	-0.1142	7.63E-5	-3.62E-3	1.80E-4
	CC12	-0.2024	-0.3485	-0.0832	-5.55E-4	-9.41E-3	2.11E-4
	CC13	-0.2002	-0.3591	-0.0823	-5.71E-4	-9.41E-3	2.21E-4
	CC14	0.0274	0.6977	-0.1722	1.16E-3	1.16E-29	-1.53E-4
	CC15	0.0343	0.6655	-0.1695	1.11E-3	1.16E-29	-1.24E-4
	CC16	-0.1021	0.6096	-0.1634	1.02E-3	7.71E-3	-3.00E-5
	CC17	-0.0952	0.5774	-0.1608	9.74E-4	7.71E-3	-1.58E-6
	CC18	0.1021	-0.6015	-0.0659	-1.00E-3	-7.71E-3	-1.61E-5
	CC19	0.1090	-0.6337	-0.0632	-1.05E-3	-7.71E-3	1.24E-5
	CC20	-0.0274	-0.6896	-0.0571	-1.14E-3	-1.16E-29	1.07E-4
	CC21	-0.0206	-0.7218	-0.0545	-1.18E-3	-1.16E-29	1.35E-4
775	CC1	0.0027	-0.0118	-0.1164	-2.75E-5	0.00E+0	-1.08E-5
	CC2	0.0027	-0.0118	-0.1164	-2.75E-5	0.00E+0	-1.08E-5
	CC3	0.0027	-0.0118	-0.1164	-2.75E-5	0.00E+0	-1.08E-5
	CC4	0.0028	-0.0108	-0.1136	-2.46E-5	0.00E+0	-1.02E-5
	CC5	0.0028	-0.0108	-0.1136	-2.46E-5	0.00E+0	-1.02E-5
	CC6	0.1837	0.2911	-0.1435	4.84E-4	5.48E-3	-2.26E-4
	CC7	0.1856	0.2818	-0.1426	4.71E-4	5.48E-3	-2.17E-4
	CC8	0.2039	-0.0471	-0.1117	-9.38E-5	2.07E-3	-1.66E-4
	CC9	0.2059	-0.0564	-0.1109	-1.07E-4	2.07E-3	-1.58E-4
	CC10	-0.2002	0.0355	-0.1143	6.00E-5	-2.07E-3	1.38E-4
	CC11	-0.1983	0.0261	-0.1134	4.66E-5	-2.07E-3	1.46E-4
	CC12	-0.1800	-0.3027	-0.0826	-5.18E-4	-5.48E-3	1.97E-4
	CC13	-0.1780	-0.3120	-0.0817	-5.32E-4	-5.48E-3	2.06E-4
	CC14	0.0237	0.6057	-0.1712	1.02E-3	6.83E-3	-1.77E-4
	CC15	0.0297	0.5773	-0.1686	9.83E-4	6.83E-3	-1.51E-4
	CC16	-0.0915	0.5290	-0.1625	8.97E-4	4.56E-3	-6.80E-5
	CC17	-0.0855	0.5006	-0.1598	8.56E-4	4.56E-3	-4.18E-5
	CC18	0.0912	-0.5216	-0.0654	-9.03E-4	-4.56E-3	2.17E-5
	CC19	0.0971	-0.5499	-0.0627	-9.44E-4	-4.56E-3	4.79E-5
	CC20	-0.0240	-0.5983	-0.0566	-1.03E-3	-6.83E-3	1.31E-4
	CC21	-0.0181	-0.6266	-0.0540	-1.07E-3	-6.83E-3	1.57E-4
776	CC1	0.0027	-0.0109	-0.1168	-2.57E-5	0.00E+0	-9.47E-6
	CC2	0.0027	-0.0109	-0.1168	-2.57E-5	0.00E+0	-9.47E-6
	CC3	0.0027	-0.0109	-0.1168	-2.57E-5	0.00E+0	-9.47E-6
	CC4	0.0029	-0.0099	-0.1139	-2.30E-5	0.00E+0	-9.01E-6
	CC5	0.0029	-0.0099	-0.1139	-2.30E-5	0.00E+0	-9.01E-6
	CC6	0.1842	0.3099	-0.1514	5.07E-4	1.93E-31	-1.95E-4
	CC7	0.1862	0.2999	-0.1507	4.93E-4	1.93E-31	-1.87E-4
	CC8	0.2045	-0.0322	-0.1218	-6.50E-5	7.22E-32	-1.69E-4
	CC9	0.2064	-0.0423	-0.1211	-7.94E-5	7.22E-32	-1.61E-4
	CC10	-0.2006	0.0231	-0.1049	3.52E-5	-7.22E-32	1.43E-4
	CC11	-0.1987	0.0130	-0.1042	2.08E-5	-7.22E-32	1.51E-4
	CC12	-0.1804	-0.3190	-0.0752	-5.37E-4	-1.93E-31	1.69E-4
	CC13	-0.1785	-0.3291	-0.0746	-5.51E-4	-1.93E-31	1.77E-4
	CC14	0.0239	0.6189	-0.1704	1.02E-3	2.41E-31	-1.15E-4
	CC15	0.0299	0.5883	-0.1684	9.80E-4	2.41E-31	-9.12E-5
	CC16	-0.0915	0.5329	-0.1564	8.82E-4	1.62E-31	-1.35E-5
	CC17	-0.0855	0.5022	-0.1544	8.39E-4	1.62E-31	1.02E-5
	CC18	0.0913	-0.5214	-0.0716	-8.83E-4	-1.62E-31	-2.79E-5

	CC19	0.0973	-0.5520	-0.0696	-9.27E-4	-1.62E-31	-4.24E-6
	CC20	-0.0242	-0.6075	-0.0576	-1.02E-3	-2.41E-31	7.35E-5
	CC21	-0.0182	-0.6381	-0.0556	-1.07E-3	-2.41E-31	9.72E-5
777	CC1	0.0028	-0.0101	-0.1173	-2.23E-5	0.00E+0	-6.87E-6
	CC2	0.0028	-0.0101	-0.1173	-2.23E-5	0.00E+0	-6.87E-6
	CC3	0.0028	-0.0101	-0.1173	-2.23E-5	0.00E+0	-6.87E-6
	CC4	0.0029	-0.0092	-0.1144	-1.98E-5	0.00E+0	-6.54E-6
	CC5	0.0029	-0.0092	-0.1144	-1.98E-5	0.00E+0	-6.54E-6
	CC6	0.1842	0.3256	-0.1697	5.45E-4	3.16E-29	-1.58E-4
	CC7	0.1861	0.3148	-0.1692	5.29E-4	3.16E-29	-1.52E-4
	CC8	0.2043	-0.0173	-0.1419	-3.57E-5	1.20E-29	-1.67E-4
	CC9	0.2062	-0.0280	-0.1414	-5.14E-5	1.20E-29	-1.60E-4
	CC10	-0.2003	0.0102	-0.0856	1.33E-5	-1.20E-29	1.47E-4
	CC11	-0.1983	-0.0006	-0.0851	-2.37E-6	-1.20E-29	1.54E-4
	CC12	-0.1802	-0.3327	-0.0578	-5.68E-4	-3.16E-29	1.39E-4
	CC13	-0.1782	-0.3434	-0.0573	-5.83E-4	-3.16E-29	1.45E-4
	CC14	0.0242	0.6261	-0.1732	1.05E-3	3.92E-29	-4.87E-5
	CC15	0.0301	0.5935	-0.1718	1.01E-3	3.92E-29	-2.80E-5
	CC16	-0.0912	0.5315	-0.1479	8.93E-4	2.61E-29	4.29E-5
	CC17	-0.0852	0.4989	-0.1465	8.45E-4	2.61E-29	6.36E-5
	CC18	0.0912	-0.5167	-0.0805	-8.83E-4	-2.61E-29	-7.64E-5
	CC19	0.0971	-0.5493	-0.0791	-9.31E-4	-2.61E-29	-5.58E-5
	CC20	-0.0242	-0.6113	-0.0552	-1.04E-3	-3.92E-29	1.52E-5
	CC21	-0.0182	-0.6439	-0.0538	-1.09E-3	-3.92E-29	3.58E-5
778	CC1	0.0038	-0.0146	-0.1181	-2.59E-5	0.00E+0	-1.46E-5
	CC2	0.0038	-0.0146	-0.1181	-2.59E-5	0.00E+0	-1.46E-5
	CC3	0.0038	-0.0146	-0.1181	-2.59E-5	0.00E+0	-1.46E-5
	CC4	0.0040	-0.0132	-0.1152	-2.32E-5	0.00E+0	-1.36E-5
	CC5	0.0040	-0.0132	-0.1152	-2.32E-5	0.00E+0	-1.36E-5
	CC6	0.2296	0.3989	-0.1531	4.25E-4	4.53E-3	-2.66E-4
	CC7	0.2321	0.3861	-0.1525	4.12E-4	4.53E-3	-2.55E-4
	CC8	0.2540	-0.0429	-0.1231	-7.15E-5	1.73E-3	-2.31E-4
	CC9	0.2566	-0.0556	-0.1225	-8.48E-5	1.73E-3	-2.20E-4
	CC10	-0.2484	0.0301	-0.1061	4.03E-5	-1.73E-3	1.94E-4
	CC11	-0.2459	0.0173	-0.1054	2.70E-5	-1.73E-3	2.04E-4
	CC12	-0.2240	-0.4117	-0.0761	-4.56E-4	-4.53E-3	2.29E-4
	CC13	-0.2214	-0.4245	-0.0754	-4.70E-4	-4.53E-3	2.39E-4
	CC14	0.0311	0.7982	-0.1723	8.84E-4	5.61E-3	-1.56E-4
	CC15	0.0389	0.7594	-0.1703	8.43E-4	5.61E-3	-1.24E-4
	CC16	-0.1123	0.6875	-0.1582	7.68E-4	3.73E-3	-1.85E-5
	CC17	-0.1045	0.6488	-0.1562	7.28E-4	3.73E-3	1.35E-5
	CC18	0.1126	-0.6743	-0.0723	-7.72E-4	-3.73E-3	-4.00E-5
	CC19	0.1204	-0.7131	-0.0703	-8.13E-4	-3.73E-3	-8.07E-6
	CC20	-0.0308	-0.7850	-0.0582	-8.88E-4	-5.61E-3	9.78E-5
	CC21	-0.0230	-0.8237	-0.0562	-9.28E-4	-5.61E-3	1.30E-4
779	CC1	0.0033	-0.0128	-0.1176	-1.78E-5	0.00E+0	-1.16E-5
	CC2	0.0033	-0.0128	-0.1176	-1.78E-5	0.00E+0	-1.16E-5
	CC3	0.0033	-0.0128	-0.1176	-1.78E-5	0.00E+0	-1.16E-5
	CC4	0.0034	-0.0116	-0.1147	-1.55E-5	0.00E+0	-1.09E-5
	CC5	0.0034	-0.0116	-0.1147	-1.55E-5	0.00E+0	-1.09E-5
	CC6	0.2070	0.3559	-0.1525	5.65E-4	2.61E-29	-2.29E-4
	CC7	0.2092	0.3444	-0.1518	5.48E-4	2.61E-29	-2.20E-4
	CC8	0.2293	-0.0370	-0.1226	-6.65E-5	9.77E-3	-2.00E-4
	CC9	0.2316	-0.0485	-0.1219	-8.28E-5	9.77E-3	-1.91E-4
	CC10	-0.2247	0.0261	-0.1055	5.33E-5	-9.77E-3	1.69E-4
	CC11	-0.2224	0.0146	-0.1049	3.70E-5	-9.77E-3	1.78E-4
	CC12	-0.2023	-0.3668	-0.0756	-5.78E-4	-2.61E-29	1.98E-4
	CC13	-0.2000	-0.3783	-0.0750	-5.94E-4	-2.61E-29	2.07E-4
	CC14	0.0274	0.7105	-0.1716	1.14E-3	3.25E-29	-1.32E-4
	CC15	0.0343	0.6758	-0.1696	1.09E-3	3.25E-29	-1.05E-4
	CC16	-0.1021	0.6116	-0.1575	9.85E-4	2.18E-29	-1.30E-5
	CC17	-0.0952	0.5768	-0.1555	9.36E-4	2.18E-29	1.46E-5
	CC18	0.1021	-0.5992	-0.0720	-9.65E-4	-2.18E-29	-3.60E-5
	CC19	0.1090	-0.6339	-0.0699	-1.01E-3	-2.18E-29	-8.31E-6
	CC20	-0.0274	-0.6981	-0.0579	-1.12E-3	-3.25E-29	8.35E-5
	CC21	-0.0205	-0.7329	-0.0559	-1.17E-3	-3.25E-29	1.11E-4
780	CC1	0.0033	-0.0117	-0.1181	-1.43E-5	0.00E+0	-1.12E-5
	CC2	0.0033	-0.0117	-0.1181	-1.43E-5	0.00E+0	-1.12E-5
	CC3	0.0033	-0.0117	-0.1181	-1.43E-5	0.00E+0	-1.12E-5
	CC4	0.0034	-0.0106	-0.1153	-1.23E-5	0.00E+0	-1.05E-5
	CC5	0.0034	-0.0106	-0.1153	-1.23E-5	0.00E+0	-1.05E-5
	CC6	0.2070	0.3758	-0.1707	6.29E-4	2.00E-29	-2.18E-4

	CC7	0.2093	0.3635	-0.1703	6.11E-4	2.00E-29	-2.09E-4
	CC8	0.2295	-0.0192	-0.1426	-2.83E-5	7.76E-3	-1.99E-4
	CC9	0.2317	-0.0314	-0.1421	-4.69E-5	7.76E-3	-1.90E-4
	CC10	-0.2248	0.0110	-0.0865	2.35E-5	-7.76E-3	1.70E-4
	CC11	-0.2225	-0.0013	-0.0860	4.97E-6	-7.76E-3	1.78E-4
	CC12	-0.2024	-0.3840	-0.0583	-6.34E-4	-2.00E-29	1.88E-4
	CC13	-0.2001	-0.3963	-0.0579	-6.53E-4	-2.00E-29	1.97E-4
	CC14	0.0274	0.7214	-0.1745	1.20E-3	2.46E-29	-1.13E-4
	CC15	0.0343	0.6842	-0.1731	1.15E-3	2.46E-29	-8.57E-5
	CC16	-0.1021	0.6119	-0.1492	1.02E-3	1.62E-29	3.37E-6
	CC17	-0.0952	0.5748	-0.1478	9.66E-4	1.62E-29	3.04E-5
	CC18	0.1022	-0.5952	-0.0808	-9.89E-4	-1.62E-29	-5.09E-5
	CC19	0.1090	-0.6324	-0.0794	-1.05E-3	-1.62E-29	-2.39E-5
	CC20	-0.0274	-0.7047	-0.0555	-1.17E-3	-2.46E-29	6.52E-5
	CC21	-0.0205	-0.7419	-0.0541	-1.23E-3	-2.46E-29	9.23E-5
781	CC1	0.0037	-0.0133	-0.1187	-2.09E-5	0.00E+0	-1.61E-5
	CC2	0.0037	-0.0133	-0.1187	-2.09E-5	0.00E+0	-1.61E-5
	CC3	0.0037	-0.0133	-0.1187	-2.09E-5	0.00E+0	-1.61E-5
	CC4	0.0039	-0.0120	-0.1159	-1.86E-5	0.00E+0	-1.50E-5
	CC5	0.0039	-0.0120	-0.1159	-1.86E-5	0.00E+0	-1.50E-5
	CC6	0.2299	0.4233	-0.1717	4.68E-4	7.38E-3	-2.80E-4
	CC7	0.2324	0.4096	-0.1712	4.54E-4	7.38E-3	-2.69E-4
	CC8	0.2545	-0.0222	-0.1435	-4.49E-5	2.77E-3	-2.32E-4
	CC9	0.2571	-0.0360	-0.1430	-5.98E-5	2.77E-3	-2.21E-4
	CC10	-0.2491	0.0129	-0.0868	2.41E-5	-2.77E-3	1.92E-4
	CC11	-0.2466	-0.0008	-0.0864	9.28E-6	-2.77E-3	2.03E-4
	CC12	-0.2245	-0.4326	-0.0586	-4.89E-4	-7.38E-3	2.40E-4
	CC13	-0.2219	-0.4464	-0.0581	-5.04E-4	-7.38E-3	2.51E-4
	CC14	0.0309	0.8134	-0.1754	9.27E-4	9.20E-3	-1.83E-4
	CC15	0.0387	0.7718	-0.1740	8.82E-4	9.20E-3	-1.49E-4
	CC16	-0.1128	0.6903	-0.1499	7.94E-4	6.16E-3	-4.10E-5
	CC17	-0.1050	0.6486	-0.1485	7.49E-4	6.16E-3	-7.52E-6
	CC18	0.1130	-0.6717	-0.0813	-7.84E-4	-6.16E-3	-2.16E-5
	CC19	0.1208	-0.7134	-0.0799	-8.29E-4	-6.16E-3	1.18E-5
	CC20	-0.0307	-0.7948	-0.0559	-9.17E-4	-9.20E-3	1.20E-4
	CC21	-0.0229	-0.8365	-0.0545	-9.62E-4	-9.20E-3	1.53E-4
782	CC1	-0.0013	-0.0083	-0.1175	-6.85E-6	5.87E-6	-2.79E-7
	CC2	-0.0013	-0.0083	-0.1175	-6.85E-6	5.87E-6	-2.79E-7
	CC3	-0.0013	-0.0083	-0.1175	-6.85E-6	5.87E-6	-2.79E-7
	CC4	-0.0010	-0.0075	-0.1147	-6.27E-6	5.55E-6	-1.76E-7
	CC5	-0.0010	-0.0075	-0.1147	-6.27E-6	5.55E-6	-1.76E-7
	CC6	0.2739	0.5496	-0.1279	8.69E-6	-2.99E-4	-2.25E-4
	CC7	0.2707	0.5306	-0.1288	9.07E-6	-2.96E-4	-2.16E-4
	CC8	0.2768	0.0896	-0.1453	-1.12E-4	-3.03E-4	-2.00E-4
	CC9	0.2736	0.0706	-0.1462	-1.11E-4	-3.00E-4	-1.91E-4
	CC10	-0.2753	-0.0850	-0.0814	9.93E-5	3.11E-4	1.90E-4
	CC11	-0.2785	-0.1040	-0.0823	9.96E-5	3.14E-4	2.00E-4
	CC12	-0.2725	-0.5450	-0.0988	-2.12E-5	3.07E-4	2.15E-4
	CC13	-0.2756	-0.5640	-0.0997	-2.08E-5	3.10E-4	2.25E-4
	CC14	0.0815	0.8835	-0.0904	1.81E-4	-8.40E-5	-1.18E-4
	CC15	0.0719	0.8258	-0.0932	1.82E-4	-7.50E-5	-8.96E-5
	CC16	-0.0833	0.6931	-0.0765	2.08E-4	9.91E-5	6.48E-6
	CC17	-0.0928	0.6355	-0.0792	2.09E-4	1.08E-4	3.50E-5
	CC18	0.0911	-0.6499	-0.1484	-2.21E-4	-9.72E-5	-3.53E-5
	CC19	0.0816	-0.7075	-0.1511	-2.20E-4	-8.82E-5	-6.77E-6
	CC20	-0.0736	-0.8402	-0.1344	-1.94E-4	8.59E-5	8.93E-5
	CC21	-0.0832	-0.8979	-0.1372	-1.93E-4	9.49E-5	1.18E-4
783	CC1	-0.0009	-0.0077	-0.1170	1.24E-6	4.15E-6	-6.73E-7
	CC2	-0.0009	-0.0077	-0.1170	1.24E-6	4.15E-6	-6.73E-7
	CC3	-0.0009	-0.0077	-0.1170	1.24E-6	4.15E-6	-6.73E-7
	CC4	-0.0006	-0.0070	-0.1143	8.89E-7	3.89E-6	-5.39E-7
	CC5	-0.0006	-0.0070	-0.1143	8.89E-7	3.89E-6	-5.39E-7
	CC6	0.2471	0.4940	-0.1275	-8.02E-6	-3.43E-4	-2.16E-4
	CC7	0.2442	0.4769	-0.1283	-7.49E-6	-3.38E-4	-2.07E-4
	CC8	0.2502	0.0809	-0.1404	-1.60E-5	-3.19E-4	-1.85E-4
	CC9	0.2473	0.0637	-0.1411	-1.55E-5	-3.14E-4	-1.76E-4
	CC10	-0.2483	-0.0771	-0.0856	1.70E-5	3.22E-4	1.75E-4
	CC11	-0.2512	-0.0943	-0.0864	1.75E-5	3.26E-4	1.84E-4
	CC12	-0.2452	-0.4903	-0.0985	9.04E-6	3.46E-4	2.06E-4
	CC13	-0.2481	-0.5074	-0.0992	9.57E-6	3.51E-4	2.15E-4
	CC14	0.0730	0.7936	-0.0971	9.50E-6	-1.43E-4	-1.25E-4
	CC15	0.0643	0.7415	-0.0994	1.11E-5	-1.29E-4	-9.81E-5

	CC16	-0.0756	0.6222	-0.0846	1.70E-5	5.60E-5	-7.90E-6
	CC17	-0.0843	0.5702	-0.0869	1.86E-5	7.06E-5	1.92E-5
	CC18	0.0833	-0.5836	-0.1399	-1.71E-5	-6.30E-5	-2.02E-5
	CC19	0.0746	-0.6356	-0.1422	-1.55E-5	-4.84E-5	6.91E-6
	CC20	-0.0653	-0.7549	-0.1273	-9.55E-6	1.36E-4	9.71E-5
	CC21	-0.0740	-0.8070	-0.1296	-7.96E-6	1.51E-4	1.24E-4
784	CC1	-0.0003	-0.0071	-0.1161	2.84E-5	1.23E-5	8.28E-7
	CC2	-0.0003	-0.0071	-0.1161	2.84E-5	1.23E-5	8.28E-7
	CC3	-0.0003	-0.0071	-0.1161	2.84E-5	1.23E-5	8.28E-7
	CC4	0.0000	-0.0064	-0.1134	2.58E-5	1.13E-5	8.46E-7
	CC5	0.0000	-0.0064	-0.1134	2.58E-5	1.13E-5	8.46E-7
	CC6	0.2193	0.4354	-0.1266	1.16E-4	-3.16E-4	-1.90E-4
	CC7	0.2168	0.4201	-0.1273	1.13E-4	-3.12E-4	-1.82E-4
	CC8	0.2232	0.0708	-0.1401	5.45E-5	-3.11E-4	-1.62E-4
	CC9	0.2207	0.0556	-0.1409	5.16E-5	-3.07E-4	-1.54E-4
	CC10	-0.2205	-0.0681	-0.0841	-1.66E-6	3.28E-4	1.56E-4
	CC11	-0.2230	-0.0833	-0.0848	-4.60E-6	3.33E-4	1.64E-4
	CC12	-0.2167	-0.4326	-0.0976	-6.29E-5	3.34E-4	1.84E-4
	CC13	-0.2192	-0.4478	-0.0984	-6.58E-5	3.38E-4	1.92E-4
	CC14	0.0634	0.6999	-0.0951	1.49E-4	-1.01E-4	-1.09E-4
	CC15	0.0559	0.6537	-0.0975	1.40E-4	-8.79E-5	-8.49E-5
	CC16	-0.0685	0.5489	-0.0823	1.14E-4	9.28E-5	-5.21E-6
	CC17	-0.0761	0.5027	-0.0847	1.05E-4	1.05E-4	1.90E-5
	CC18	0.0762	-0.5151	-0.1402	-5.50E-5	-8.35E-5	-1.73E-5
	CC19	0.0687	-0.5613	-0.1426	-6.39E-5	-7.09E-5	6.91E-6
	CC20	-0.0558	-0.6662	-0.1275	-9.02E-5	1.10E-4	8.66E-5
	CC21	-0.0633	-0.7123	-0.1298	-9.91E-5	1.22E-4	1.11E-4
785	CC1	0.0005	-0.0069	-0.1147	-1.40E-5	8.61E-6	3.11E-6
	CC2	0.0005	-0.0069	-0.1147	-1.40E-5	8.61E-6	3.11E-6
	CC3	0.0005	-0.0069	-0.1147	-1.40E-5	8.61E-6	3.11E-6
	CC4	0.0007	-0.0062	-0.1121	-1.31E-5	7.93E-6	3.01E-6
	CC5	0.0007	-0.0062	-0.1121	-1.31E-5	7.93E-6	3.01E-6
	CC6	0.2125	0.4348	-0.1349	-4.04E-5	-2.99E-4	-1.88E-4
	CC7	0.2108	0.4196	-0.1348	-4.27E-5	-2.97E-4	-1.79E-4
	CC8	0.2184	0.0710	-0.1320	-1.04E-4	-3.10E-4	-1.63E-4
	CC9	0.2167	0.0558	-0.1319	-1.06E-4	-3.08E-4	-1.55E-4
	CC10	-0.2153	-0.0679	-0.0905	8.02E-5	3.24E-4	1.61E-4
	CC11	-0.2170	-0.0831	-0.0904	7.79E-5	3.26E-4	1.69E-4
	CC12	-0.2094	-0.4317	-0.0876	1.71E-5	3.12E-4	1.85E-4
	CC13	-0.2111	-0.4468	-0.0875	1.47E-5	3.14E-4	1.94E-4
	CC14	0.0577	0.6987	-0.1229	7.79E-5	-6.99E-5	-1.03E-4
	CC15	0.0526	0.6526	-0.1225	7.09E-5	-6.40E-5	-7.82E-5
	CC16	-0.0706	0.5479	-0.1096	1.14E-4	1.17E-4	1.71E-6
	CC17	-0.0758	0.5018	-0.1092	1.07E-4	1.23E-4	2.63E-5
	CC18	0.0772	-0.5139	-0.1132	-1.33E-4	-1.07E-4	-2.04E-5
	CC19	0.0721	-0.5600	-0.1128	-1.40E-4	-1.01E-4	4.23E-6
	CC20	-0.0511	-0.6647	-0.0999	-9.65E-5	7.94E-5	8.41E-5
	CC21	-0.0563	-0.7108	-0.0995	-1.03E-4	8.53E-5	1.09E-4
786	CC1	-0.0001	-0.0080	-0.1154	3.07E-6	5.22E-6	3.02E-6
	CC2	-0.0001	-0.0080	-0.1154	3.07E-6	5.22E-6	3.02E-6
	CC3	-0.0001	-0.0080	-0.1154	3.07E-6	5.22E-6	3.02E-6
	CC4	0.0001	-0.0072	-0.1128	2.90E-6	4.76E-6	3.01E-6
	CC5	0.0001	-0.0072	-0.1128	2.90E-6	4.76E-6	3.01E-6
	CC6	0.2385	0.4930	-0.1364	2.46E-5	-2.97E-4	-2.15E-4
	CC7	0.2366	0.4758	-0.1363	2.42E-5	-2.96E-4	-2.05E-4
	CC8	0.2456	0.0807	-0.1331	1.24E-5	-3.30E-4	-1.84E-4
	CC9	0.2437	0.0636	-0.1330	1.19E-5	-3.29E-4	-1.75E-4
	CC10	-0.2434	-0.0775	-0.0908	-6.25E-6	3.38E-4	1.81E-4
	CC11	-0.2452	-0.0947	-0.0907	-6.74E-6	3.39E-4	1.90E-4
	CC12	-0.2363	-0.4898	-0.0875	-1.85E-5	3.05E-4	2.11E-4
	CC13	-0.2381	-0.5070	-0.0874	-1.90E-5	3.06E-4	2.21E-4
	CC14	0.0635	0.7917	-0.1244	2.86E-5	-3.70E-5	-1.21E-4
	CC15	0.0578	0.7397	-0.1241	2.71E-5	-3.39E-5	-9.30E-5
	CC16	-0.0811	0.6206	-0.1107	1.93E-5	1.54E-4	-2.52E-6
	CC17	-0.0868	0.5686	-0.1104	1.78E-5	1.57E-4	2.57E-5
	CC18	0.0871	-0.5825	-0.1134	-1.21E-5	-1.47E-4	-1.97E-5
	CC19	0.0815	-0.6345	-0.1131	-1.36E-5	-1.44E-4	8.55E-6
	CC20	-0.0574	-0.7537	-0.0997	-2.14E-5	4.31E-5	9.90E-5
	CC21	-0.0631	-0.8057	-0.0994	-2.29E-5	4.63E-5	1.27E-4
787	CC1	-0.0008	-0.0091	-0.1159	1.48E-5	9.20E-6	2.99E-6
	CC2	-0.0008	-0.0091	-0.1159	1.48E-5	9.20E-6	2.99E-6
	CC3	-0.0008	-0.0091	-0.1159	1.48E-5	9.20E-6	2.99E-6

	CC4	-0.0005	-0.0082	-0.1132	1.38E-5	8.47E-6	3.05E-6
	CC5	-0.0005	-0.0082	-0.1132	1.38E-5	8.47E-6	3.05E-6
	CC6	0.2634	0.5489	-0.1387	8.20E-5	-2.66E-4	-2.39E-4
	CC7	0.2614	0.5299	-0.1385	8.21E-5	-2.66E-4	-2.29E-4
	CC8	0.2719	0.0894	-0.1337	1.31E-4	-2.94E-4	-2.05E-4
	CC9	0.2699	0.0704	-0.1335	1.31E-4	-2.94E-4	-1.95E-4
	CC10	-0.2707	-0.0862	-0.0912	-1.04E-4	3.10E-4	2.01E-4
	CC11	-0.2727	-0.1052	-0.0910	-1.04E-4	3.11E-4	2.11E-4
	CC12	-0.2622	-0.5457	-0.0862	-5.52E-5	2.82E-4	2.35E-4
	CC13	-0.2642	-0.5647	-0.0860	-5.51E-5	2.83E-4	2.45E-4
	CC14	0.0687	0.8819	-0.1281	-3.99E-5	-3.23E-5	-1.35E-4
	CC15	0.0626	0.8243	-0.1274	-3.96E-5	-3.01E-5	-1.04E-4
	CC16	-0.0916	0.6914	-0.1138	-9.57E-5	1.41E-4	-3.38E-6
	CC17	-0.0976	0.6338	-0.1132	-9.54E-5	1.43E-4	2.81E-5
	CC18	0.0968	-0.6496	-0.1115	1.22E-4	-1.26E-4	-2.20E-5
	CC19	0.0908	-0.7072	-0.1109	1.23E-4	-1.24E-4	9.52E-6
	CC20	-0.0634	-0.8401	-0.0973	6.65E-5	4.65E-5	1.10E-4
	CC21	-0.0695	-0.8977	-0.0966	6.68E-5	4.87E-5	1.42E-4
788	CC1	0.0001	-0.0070	-0.1160	-1.12E-5	4.65E-7	-7.10E-6
	CC2	0.0001	-0.0070	-0.1160	-1.12E-5	4.65E-7	-7.10E-6
	CC3	0.0001	-0.0070	-0.1160	-1.12E-5	4.65E-7	-7.10E-6
	CC4	0.0003	-0.0064	-0.1132	-1.00E-5	3.50E-7	-6.55E-6
	CC5	0.0003	-0.0064	-0.1132	-1.00E-5	3.50E-7	-6.55E-6
	CC6	0.2293	0.4538	-0.1336	6.59E-4	-8.09E-5	-2.21E-4
	CC7	0.2260	0.4378	-0.1363	6.38E-4	-7.83E-5	-2.13E-4
	CC8	0.2283	0.0854	-0.2038	1.26E-4	-1.44E-5	-1.75E-4
	CC9	0.2250	0.0694	-0.2065	1.05E-4	-1.18E-5	-1.66E-4
	CC10	-0.2242	-0.0818	-0.0181	-1.24E-4	1.24E-5	1.54E-4
	CC11	-0.2275	-0.0977	-0.0209	-1.45E-4	1.50E-5	1.63E-4
	CC12	-0.2252	-0.4501	-0.0883	-6.57E-4	7.89E-5	2.00E-4
	CC13	-0.2285	-0.4661	-0.0910	-6.78E-4	8.15E-5	2.09E-4
	CC14	0.0751	0.7123	-0.0086	1.03E-3	-1.28E-4	-1.53E-4
	CC15	0.0651	0.6638	-0.0168	9.64E-4	-1.21E-4	-1.26E-4
	CC16	-0.0609	0.5516	0.0261	7.94E-4	-1.00E-4	-4.03E-5
	CC17	-0.0710	0.5032	0.0179	7.29E-4	-9.26E-5	-1.36E-5
	CC18	0.0718	-0.5155	-0.2425	-7.48E-4	9.32E-5	8.62E-7
	CC19	0.0618	-0.5640	-0.2507	-8.13E-4	1.01E-4	2.76E-5
	CC20	-0.0642	-0.6762	-0.2078	-9.83E-4	1.21E-4	1.13E-4
	CC21	-0.0743	-0.7246	-0.2160	-1.05E-3	1.29E-4	1.40E-4
789	CC1	-0.0006	-0.0077	-0.1167	-7.63E-6	1.86E-7	-2.48E-6
	CC2	-0.0006	-0.0077	-0.1167	-7.63E-6	1.86E-7	-2.48E-6
	CC3	-0.0006	-0.0077	-0.1167	-7.63E-6	1.86E-7	-2.48E-6
	CC4	-0.0003	-0.0070	-0.1139	-6.52E-6	7.02E-8	-1.99E-6
	CC5	-0.0003	-0.0070	-0.1139	-6.52E-6	7.02E-8	-1.99E-6
	CC6	0.2562	0.5114	-0.1346	6.91E-4	-8.16E-5	-1.82E-4
	CC7	0.2524	0.4935	-0.1373	6.68E-4	-7.90E-5	-1.74E-4
	CC8	0.2557	0.0969	-0.2051	1.29E-4	-1.25E-5	-1.80E-4
	CC9	0.2520	0.0790	-0.2078	1.06E-4	-9.90E-6	-1.72E-4
	CC10	-0.2525	-0.0925	-0.0181	-1.18E-4	9.96E-6	1.69E-4
	CC11	-0.2562	-0.1104	-0.0208	-1.41E-4	1.26E-5	1.77E-4
	CC12	-0.2529	-0.5070	-0.0886	-6.81E-4	7.91E-5	1.70E-4
	CC13	-0.2566	-0.5249	-0.0913	-7.03E-4	8.17E-5	1.78E-4
	CC14	0.0824	0.8018	-0.0088	1.09E-3	-1.33E-4	-6.84E-5
	CC15	0.0711	0.7475	-0.0171	1.02E-3	-1.25E-4	-4.46E-5
	CC16	-0.0701	0.6207	0.0261	8.44E-4	-1.05E-4	3.67E-5
	CC17	-0.0815	0.5664	0.0179	7.75E-4	-9.75E-5	6.05E-5
	CC18	0.0810	-0.5799	-0.2438	-7.88E-4	9.75E-5	-6.42E-5
	CC19	0.0697	-0.6342	-0.2521	-8.56E-4	1.05E-4	-4.03E-5
	CC20	-0.0716	-0.7611	-0.2089	-1.03E-3	1.25E-4	4.09E-5
	CC21	-0.0829	-0.8154	-0.2171	-1.10E-3	1.33E-4	6.48E-5
790	CC1	-0.0013	-0.0085	-0.1172	-1.28E-5	1.13E-6	2.79E-6
	CC2	-0.0013	-0.0085	-0.1172	-1.28E-5	1.13E-6	2.79E-6
	CC3	-0.0013	-0.0085	-0.1172	-1.28E-5	1.13E-6	2.79E-6
	CC4	-0.0010	-0.0077	-0.1144	-1.15E-5	9.62E-7	3.17E-6
	CC5	-0.0010	-0.0077	-0.1144	-1.15E-5	9.62E-7	3.17E-6
	CC6	0.2829	0.5682	-0.1354	6.25E-4	-6.49E-5	-1.59E-4
	CC7	0.2788	0.5484	-0.1381	6.04E-4	-6.28E-5	-1.52E-4
	CC8	0.2823	0.1076	-0.2056	1.19E-4	-1.10E-5	-1.91E-4
	CC9	0.2781	0.0878	-0.2083	9.77E-5	-8.90E-6	-1.83E-4
	CC10	-0.2799	-0.1027	-0.0186	-1.20E-4	1.07E-5	1.90E-4
	CC11	-0.2840	-0.1225	-0.0213	-1.41E-4	1.28E-5	1.98E-4
	CC12	-0.2805	-0.5633	-0.0888	-6.26E-4	6.46E-5	1.58E-4

	CC13	-0.2846	-0.5831	-0.0915	-6.47E-4	6.68E-5	1.66E-4
	CC14	0.0909	0.8910	-0.0098	9.76E-4	-1.04E-4	-7.65E-6
	CC15	0.0784	0.8309	-0.0181	9.13E-4	-9.71E-5	1.53E-5
	CC16	-0.0780	0.6897	0.0252	7.53E-4	-8.08E-5	9.72E-5
	CC17	-0.0904	0.6296	0.0170	6.89E-4	-7.44E-5	1.20E-4
	CC18	0.0887	-0.6445	-0.2439	-7.12E-4	7.62E-5	-1.14E-4
	CC19	0.0762	-0.7046	-0.2521	-7.75E-4	8.27E-5	-9.06E-5
	CC20	-0.0801	-0.8458	-0.2088	-9.35E-4	9.89E-5	-8.74E-6
	CC21	-0.0926	-0.9059	-0.2171	-9.98E-4	1.05E-4	1.42E-5
791	CC1	0.0011	-0.0067	-0.1126	-1.33E-5	1.53E-6	-2.89E-6
	CC2	0.0011	-0.0067	-0.1126	-1.33E-5	1.53E-6	-2.89E-6
	CC3	0.0011	-0.0067	-0.1126	-1.33E-5	1.53E-6	-2.89E-6
	CC4	0.0013	-0.0061	-0.1101	-1.21E-5	1.40E-6	-2.55E-6
	CC5	0.0013	-0.0061	-0.1101	-1.21E-5	1.40E-6	-2.55E-6
	CC6	0.2063	0.4552	-0.1962	6.47E-4	-7.11E-5	-2.11E-4
	CC7	0.2053	0.4391	-0.1940	6.26E-4	-6.87E-5	-2.02E-4
	CC8	0.2152	0.0874	-0.1479	1.20E-4	-1.21E-5	-1.73E-4
	CC9	0.2142	0.0714	-0.1457	9.93E-5	-9.84E-6	-1.64E-4
	CC10	-0.2116	-0.0831	-0.0730	-1.23E-4	1.25E-5	1.59E-4
	CC11	-0.2126	-0.0992	-0.0707	-1.44E-4	1.49E-5	1.68E-4
	CC12	-0.2027	-0.4509	-0.0246	-6.49E-4	7.15E-5	1.97E-4
	CC13	-0.2036	-0.4669	-0.0224	-6.70E-4	7.38E-5	2.06E-4
	CC14	0.0506	0.7121	-0.2117	1.01E-3	-1.13E-4	-1.34E-4
	CC15	0.0476	0.6635	-0.2050	9.49E-4	-1.06E-4	-1.08E-4
	CC16	-0.0748	0.5506	-0.1747	7.82E-4	-8.78E-5	-2.33E-5
	CC17	-0.0777	0.5020	-0.1680	7.18E-4	-8.08E-5	2.95E-6
	CC18	0.0803	-0.5137	-0.0506	-7.42E-4	8.35E-5	-7.83E-6
	CC19	0.0774	-0.5624	-0.0439	-8.06E-4	9.05E-5	1.85E-5
	CC20	-0.0450	-0.6752	-0.0136	-9.72E-4	1.09E-4	1.03E-4
	CC21	-0.0480	-0.7238	-0.0069	-1.04E-3	1.16E-4	1.29E-4
792	CC1	0.0003	-0.0079	-0.1131	-1.46E-5	1.53E-6	-2.80E-6
	CC2	0.0003	-0.0079	-0.1131	-1.46E-5	1.53E-6	-2.80E-6
	CC3	0.0003	-0.0079	-0.1131	-1.46E-5	1.53E-6	-2.80E-6
	CC4	0.0006	-0.0072	-0.1107	-1.33E-5	1.38E-6	-2.38E-6
	CC5	0.0006	-0.0072	-0.1107	-1.33E-5	1.38E-6	-2.38E-6
	CC6	0.2305	0.5131	-0.1971	6.89E-4	-7.29E-5	-1.85E-4
	CC7	0.2294	0.4951	-0.1949	6.66E-4	-7.06E-5	-1.77E-4
	CC8	0.2409	0.0990	-0.1490	1.20E-4	-1.04E-5	-1.82E-4
	CC9	0.2399	0.0810	-0.1468	9.73E-5	-8.07E-6	-1.74E-4
	CC10	-0.2386	-0.0948	-0.0729	-1.23E-4	1.07E-5	1.69E-4
	CC11	-0.2397	-0.1128	-0.0706	-1.46E-4	1.31E-5	1.77E-4
	CC12	-0.2282	-0.5089	-0.0248	-6.92E-4	7.32E-5	1.73E-4
	CC13	-0.2292	-0.5269	-0.0226	-7.15E-4	7.56E-5	1.81E-4
	CC14	0.0551	0.8017	-0.2119	1.09E-3	-1.19E-4	-7.29E-5
	CC15	0.0520	0.7472	-0.2052	1.02E-3	-1.12E-4	-4.86E-5
	CC16	-0.0856	0.6194	-0.1746	8.48E-4	-9.39E-5	3.35E-5
	CC17	-0.0888	0.5648	-0.1679	7.80E-4	-8.67E-5	5.78E-5
	CC18	0.0900	-0.5786	-0.0518	-8.05E-4	8.93E-5	-6.23E-5
	CC19	0.0869	-0.6332	-0.0451	-8.74E-4	9.65E-5	-3.80E-5
	CC20	-0.0507	-0.7610	-0.0145	-1.05E-3	1.14E-4	4.41E-5
	CC21	-0.0538	-0.8156	-0.0078	-1.12E-3	1.22E-4	6.84E-5
793	CC1	-0.0005	-0.0090	-0.1135	-1.23E-5	1.63E-6	-3.33E-6
	CC2	-0.0005	-0.0090	-0.1135	-1.23E-5	1.63E-6	-3.33E-6
	CC3	-0.0005	-0.0090	-0.1135	-1.23E-5	1.63E-6	-3.33E-6
	CC4	-0.0002	-0.0082	-0.1110	-1.10E-5	1.47E-6	-2.82E-6
	CC5	-0.0002	-0.0082	-0.1110	-1.10E-5	1.47E-6	-2.82E-6
	CC6	0.2542	0.5705	-0.1972	6.21E-4	-5.69E-5	-1.79E-4
	CC7	0.2531	0.5506	-0.1950	6.00E-4	-5.51E-5	-1.71E-4
	CC8	0.2658	0.1097	-0.1493	1.11E-4	-7.63E-6	-2.00E-4
	CC9	0.2647	0.0898	-0.1471	9.01E-5	-5.77E-6	-1.92E-4
	CC10	-0.2650	-0.1055	-0.0733	-1.11E-4	8.60E-6	1.87E-4
	CC11	-0.2661	-0.1255	-0.0711	-1.32E-4	1.05E-5	1.95E-4
	CC12	-0.2534	-0.5663	-0.0254	-6.21E-4	5.79E-5	1.66E-4
	CC13	-0.2544	-0.5863	-0.0232	-6.42E-4	5.98E-5	1.74E-4
	CC14	0.0600	0.8917	-0.2119	9.81E-4	-9.34E-5	-3.47E-5
	CC15	0.0567	0.8313	-0.2052	9.18E-4	-8.78E-5	-1.02E-5
	CC16	-0.0958	0.6889	-0.1747	7.61E-4	-7.37E-5	7.50E-5
	CC17	-0.0991	0.6285	-0.1681	6.98E-4	-6.81E-5	9.96E-5
	CC18	0.0988	-0.6442	-0.0523	-7.20E-4	7.09E-5	-1.05E-4
	CC19	0.0955	-0.7047	-0.0456	-7.82E-4	7.66E-5	-8.03E-5
	CC20	-0.0569	-0.8470	-0.0151	-9.39E-4	9.06E-5	4.89E-6
	CC21	-0.0602	-0.9075	-0.0085	-1.00E-3	9.62E-5	2.94E-5

794	CC1	0.0054	-0.0194	-0.0949	-3.30E-5	0.00E+0	9.00E-6
	CC2	0.0054	-0.0194	-0.0949	-3.30E-5	0.00E+0	9.00E-6
	CC3	0.0054	-0.0194	-0.0949	-3.30E-5	0.00E+0	9.00E-6
	CC4	0.0051	-0.0181	-0.0921	-3.10E-5	0.00E+0	7.84E-6
	CC5	0.0051	-0.0181	-0.0921	-3.10E-5	0.00E+0	7.84E-6
	CC6	0.2271	0.0901	-0.0911	8.44E-5	4.13E-29	-2.40E-4
	CC7	0.2294	0.0899	-0.0910	8.55E-5	4.13E-29	-2.30E-4
	CC8	0.2541	-0.2977	-0.0185	-3.51E-4	1.58E-29	-1.83E-4
	CC9	0.2564	-0.2979	-0.0184	-3.50E-4	1.58E-29	-1.72E-4
	CC10	-0.2464	0.2625	-0.1640	2.89E-4	-1.58E-29	1.87E-4
	CC11	-0.2441	0.2622	-0.1639	2.90E-4	-1.58E-29	1.98E-4
	CC12	-0.2195	-0.1253	-0.0914	-1.46E-4	-4.13E-29	2.45E-4
	CC13	-0.2172	-0.1255	-0.0912	-1.45E-4	-4.13E-29	2.55E-4
	CC14	0.0276	0.6031	-0.2016	6.63E-4	5.10E-29	-1.68E-4
	CC15	0.0346	0.6024	-0.2012	6.66E-4	5.10E-29	-1.37E-4
	CC16	-0.1145	0.6548	-0.2234	7.24E-4	3.39E-29	-3.96E-5
	CC17	-0.1075	0.6541	-0.2230	7.28E-4	3.39E-29	-8.34E-6
	CC18	0.1175	-0.6895	0.0406	-7.88E-4	-3.39E-29	2.33E-5
	CC19	0.1244	-0.6902	0.0410	-7.85E-4	-3.39E-29	5.46E-5
	CC20	-0.0246	-0.6378	0.0188	-7.27E-4	-5.10E-29	1.51E-4
	CC21	-0.0176	-0.6385	0.0192	-7.24E-4	-5.10E-29	1.83E-4
795	CC1	0.0039	-0.0164	-0.0946	-3.38E-5	0.00E+0	7.19E-6
	CC2	0.0039	-0.0164	-0.0946	-3.38E-5	0.00E+0	7.19E-6
	CC3	0.0039	-0.0164	-0.0946	-3.38E-5	0.00E+0	7.19E-6
	CC4	0.0037	-0.0153	-0.0918	-3.17E-5	0.00E+0	6.24E-6
	CC5	0.0037	-0.0153	-0.0918	-3.17E-5	0.00E+0	6.24E-6
	CC6	0.2016	0.0828	-0.0876	8.36E-5	5.41E-29	-2.23E-4
	CC7	0.2036	0.0825	-0.0874	8.47E-5	5.41E-29	-2.13E-4
	CC8	0.2285	-0.2668	-0.0182	-3.69E-4	2.03E-29	-1.55E-4
	CC9	0.2305	-0.2671	-0.0180	-3.68E-4	2.03E-29	-1.46E-4
	CC10	-0.2231	0.2372	-0.1638	3.06E-4	-2.03E-29	1.58E-4
	CC11	-0.2211	0.2369	-0.1636	3.07E-4	-2.03E-29	1.67E-4
	CC12	-0.1962	-0.1125	-0.0944	-1.47E-4	-5.41E-29	2.25E-4
	CC13	-0.1942	-0.1128	-0.0942	-1.46E-4	-5.41E-29	2.34E-4
	CC14	0.0196	0.5451	-0.1955	6.88E-4	6.75E-29	-1.78E-4
	CC15	0.0256	0.5441	-0.1949	6.91E-4	6.75E-29	-1.49E-4
	CC16	-0.1078	0.5914	-0.2184	7.55E-4	4.52E-29	-6.35E-5
	CC17	-0.1018	0.5904	-0.2178	7.58E-4	4.52E-29	-3.49E-5
	CC18	0.1091	-0.6204	0.0360	-8.20E-4	-4.52E-29	4.67E-5
	CC19	0.1152	-0.6214	0.0366	-8.17E-4	-4.52E-29	7.54E-5
	CC20	-0.0183	-0.5741	0.0131	-7.53E-4	-6.75E-29	1.61E-4
	CC21	-0.0122	-0.5751	0.0137	-7.50E-4	-6.75E-29	1.89E-4
796	CC1	0.0027	-0.0134	-0.0942	-3.35E-5	0.00E+0	4.72E-6
	CC2	0.0027	-0.0134	-0.0942	-3.35E-5	0.00E+0	4.72E-6
	CC3	0.0027	-0.0134	-0.0942	-3.35E-5	0.00E+0	4.72E-6
	CC4	0.0026	-0.0125	-0.0915	-3.14E-5	0.00E+0	4.00E-6
	CC5	0.0026	-0.0125	-0.0915	-3.14E-5	0.00E+0	4.00E-6
	CC6	0.1797	0.0758	-0.0816	8.92E-5	5.67E-29	-2.02E-4
	CC7	0.1814	0.0754	-0.0813	9.01E-5	5.67E-29	-1.93E-4
	CC8	0.2036	-0.2347	-0.0173	-3.93E-4	2.13E-29	-1.48E-4
	CC9	0.2053	-0.2351	-0.0170	-3.92E-4	2.13E-29	-1.40E-4
	CC10	-0.2002	0.2106	-0.1641	3.30E-4	-2.13E-29	1.47E-4
	CC11	-0.1985	0.2102	-0.1638	3.31E-4	-2.13E-29	1.56E-4
	CC12	-0.1763	-0.0999	-0.0998	-1.52E-4	-5.67E-29	2.01E-4
	CC13	-0.1745	-0.1003	-0.0995	-1.51E-4	-5.67E-29	2.09E-4
	CC14	0.0170	0.4856	-0.1858	7.35E-4	7.06E-29	-1.51E-4
	CC15	0.0223	0.4844	-0.1849	7.38E-4	7.06E-29	-1.25E-4
	CC16	-0.0970	0.5260	-0.2105	8.07E-4	4.72E-29	-4.59E-5
	CC17	-0.0917	0.5248	-0.2097	8.10E-4	4.72E-29	-2.00E-5
	CC18	0.0968	-0.5493	0.0286	-8.71E-4	-4.72E-29	2.75E-5
	CC19	0.1021	-0.5505	0.0294	-8.69E-4	-4.72E-29	5.34E-5
	CC20	-0.0172	-0.5088	0.0038	-7.99E-4	-7.06E-29	1.32E-4
	CC21	-0.0119	-0.5100	0.0047	-7.96E-4	-7.06E-29	1.58E-4
797	CC1	0.0027	-0.0127	-0.0952	-2.54E-5	0.00E+0	3.09E-6
	CC2	0.0027	-0.0127	-0.0952	-2.54E-5	0.00E+0	3.09E-6
	CC3	0.0027	-0.0127	-0.0952	-2.54E-5	0.00E+0	3.09E-6
	CC4	0.0027	-0.0118	-0.0924	-2.35E-5	0.00E+0	2.55E-6
	CC5	0.0027	-0.0118	-0.0924	-2.35E-5	0.00E+0	2.55E-6
	CC6	0.1822	0.1001	-0.0542	1.47E-4	6.66E-29	-1.81E-4
	CC7	0.1840	0.0987	-0.0535	1.46E-4	6.66E-29	-1.73E-4
	CC8	0.2027	-0.2137	-0.0206	-3.58E-4	2.50E-29	-1.77E-4
	CC9	0.2045	-0.2151	-0.0198	-3.59E-4	2.50E-29	-1.70E-4

	CC10	-0.1989	0.1921	-0.1631	3.13E-4	-2.50E-29	1.74E-4
	CC11	-0.1972	0.1907	-0.1623	3.12E-4	-2.50E-29	1.82E-4
	CC12	-0.1785	-0.1218	-0.1294	-1.92E-4	-6.66E-29	1.78E-4
	CC13	-0.1767	-0.1232	-0.1286	-1.92E-4	-6.66E-29	1.86E-4
	CC14	0.0231	0.4999	-0.1324	7.94E-4	8.30E-29	-6.91E-5
	CC15	0.0285	0.4957	-0.1300	7.92E-4	8.30E-29	-4.50E-5
	CC16	-0.0912	0.5274	-0.1650	8.44E-4	5.55E-29	3.75E-5
	CC17	-0.0858	0.5232	-0.1627	8.42E-4	5.55E-29	6.16E-5
	CC18	0.0914	-0.5463	-0.0202	-8.87E-4	-5.55E-29	-5.69E-5
	CC19	0.0967	-0.5505	-0.0179	-8.90E-4	-5.55E-29	-3.28E-5
	CC20	-0.0230	-0.5187	-0.0528	-8.37E-4	-8.30E-29	4.97E-5
	CC21	-0.0176	-0.5229	-0.0505	-8.40E-4	-8.30E-29	7.38E-5
798	CC1	0.0035	-0.0148	-0.0956	-2.23E-5	0.00E+0	7.99E-7
	CC2	0.0035	-0.0148	-0.0956	-2.23E-5	0.00E+0	7.99E-7
	CC3	0.0035	-0.0148	-0.0956	-2.23E-5	0.00E+0	7.99E-7
	CC4	0.0036	-0.0138	-0.0927	-2.06E-5	0.00E+0	4.35E-7
	CC5	0.0036	-0.0138	-0.0927	-2.06E-5	0.00E+0	4.35E-7
	CC6	0.2049	0.1120	-0.0483	1.51E-4	4.84E-29	-2.17E-4
	CC7	0.2070	0.1106	-0.0474	1.50E-4	4.84E-29	-2.08E-4
	CC8	0.2273	-0.2439	-0.0159	-3.50E-4	1.82E-29	-1.94E-4
	CC9	0.2293	-0.2453	-0.0150	-3.51E-4	1.82E-29	-1.85E-4
	CC10	-0.2220	0.2185	-0.1685	3.11E-4	-1.82E-29	1.85E-4
	CC11	-0.2200	0.2171	-0.1676	3.10E-4	-1.82E-29	1.94E-4
	CC12	-0.1996	-0.1374	-0.1361	-1.90E-4	-4.84E-29	2.09E-4
	CC13	-0.1976	-0.1388	-0.1352	-1.91E-4	-4.84E-29	2.18E-4
	CC14	0.0273	0.5660	-0.1290	7.92E-4	6.04E-29	-1.13E-4
	CC15	0.0335	0.5616	-0.1264	7.90E-4	6.04E-29	-8.55E-5
	CC16	-0.1008	0.5979	-0.1651	8.40E-4	4.04E-29	7.50E-6
	CC17	-0.0946	0.5935	-0.1625	8.38E-4	4.04E-29	3.53E-5
	CC18	0.1019	-0.6203	-0.0210	-8.78E-4	-4.04E-29	-3.46E-5
	CC19	0.1081	-0.6247	-0.0184	-8.80E-4	-4.04E-29	-6.88E-6
	CC20	-0.0262	-0.5884	-0.0571	-8.30E-4	-6.04E-29	8.61E-5
	CC21	-0.0200	-0.5928	-0.0545	-8.32E-4	-6.04E-29	1.14E-4
799	CC1	0.0045	-0.0175	-0.0958	-3.76E-5	0.00E+0	-2.57E-8
	CC2	0.0045	-0.0175	-0.0958	-3.76E-5	0.00E+0	-2.57E-8
	CC3	0.0045	-0.0175	-0.0958	-3.76E-5	0.00E+0	-2.57E-8
	CC4	0.0046	-0.0162	-0.0929	-3.50E-5	0.00E+0	-2.98E-7
	CC5	0.0046	-0.0162	-0.0929	-3.50E-5	0.00E+0	-2.98E-7
	CC6	0.2290	0.1231	-0.0452	1.06E-4	6.04E-29	-2.50E-4
	CC7	0.2313	0.1216	-0.0442	1.05E-4	6.04E-29	-2.40E-4
	CC8	0.2531	-0.2727	-0.0134	-3.18E-4	2.25E-29	-2.05E-4
	CC9	0.2554	-0.2742	-0.0125	-3.18E-4	2.25E-29	-1.94E-4
	CC10	-0.2461	0.2426	-0.1714	2.50E-4	-2.25E-29	1.93E-4
	CC11	-0.2438	0.2411	-0.1705	2.49E-4	-2.25E-29	2.04E-4
	CC12	-0.2220	-0.1532	-0.1397	-1.74E-4	-6.04E-29	2.39E-4
	CC13	-0.2197	-0.1547	-0.1388	-1.74E-4	-6.04E-29	2.50E-4
	CC14	0.0322	0.6281	-0.1273	6.51E-4	7.55E-29	-1.59E-4
	CC15	0.0393	0.6237	-0.1245	6.49E-4	7.55E-29	-1.28E-4
	CC16	-0.1103	0.6640	-0.1652	6.94E-4	5.06E-29	-2.59E-5
	CC17	-0.1033	0.6595	-0.1624	6.93E-4	5.06E-29	5.32E-6
	CC18	0.1126	-0.6911	-0.0215	-7.61E-4	-5.06E-29	-6.10E-6
	CC19	0.1196	-0.6956	-0.0188	-7.62E-4	-5.06E-29	2.51E-5
	CC20	-0.0300	-0.6552	-0.0594	-7.18E-4	-7.55E-29	1.27E-4
	CC21	-0.0229	-0.6597	-0.0566	-7.19E-4	-7.55E-29	1.58E-4
800	CC1	0.0027	-0.0131	-0.0935	-3.15E-5	0.00E+0	4.97E-6
	CC2	0.0027	-0.0131	-0.0935	-3.15E-5	0.00E+0	4.97E-6
	CC3	0.0027	-0.0131	-0.0935	-3.15E-5	0.00E+0	4.97E-6
	CC4	0.0026	-0.0123	-0.0908	-2.96E-5	0.00E+0	4.25E-6
	CC5	0.0026	-0.0123	-0.0908	-2.96E-5	0.00E+0	4.25E-6
	CC6	0.1792	0.0643	-0.0692	7.73E-5	4.64E-29	-2.02E-4
	CC7	0.1809	0.0644	-0.0688	7.88E-5	4.64E-29	-1.93E-4
	CC8	0.2036	-0.2430	-0.0011	-3.87E-4	1.76E-29	-1.43E-4
	CC9	0.2053	-0.2429	-0.0007	-3.86E-4	1.76E-29	-1.35E-4
	CC10	-0.2002	0.2188	-0.1791	3.28E-4	-1.76E-29	1.43E-4
	CC11	-0.1985	0.2189	-0.1787	3.29E-4	-1.76E-29	1.51E-4
	CC12	-0.1758	-0.0885	-0.1110	-1.37E-4	-4.64E-29	2.01E-4
	CC13	-0.1741	-0.0884	-0.1106	-1.35E-4	-4.64E-29	2.10E-4
	CC14	0.0161	0.4768	-0.1875	7.06E-4	5.75E-29	-1.58E-4
	CC15	0.0214	0.4771	-0.1862	7.10E-4	5.75E-29	-1.32E-4
	CC16	-0.0977	0.5232	-0.2205	7.81E-4	3.83E-29	-5.50E-5
	CC17	-0.0924	0.5234	-0.2192	7.85E-4	3.83E-29	-2.91E-5
	CC18	0.0975	-0.5475	0.0394	-8.43E-4	-3.83E-29	3.72E-5

	CC19	0.1028	-0.5472	0.0407	-8.39E-4	-3.83E-29	6.30E-5
	CC20	-0.0163	-0.5011	0.0065	-7.68E-4	-5.75E-29	1.41E-4
	CC21	-0.0111	-0.5008	0.0078	-7.64E-4	-5.75E-29	1.66E-4
801	CC1	0.0039	-0.0160	-0.0937	-3.28E-5	0.00E+0	7.49E-6
	CC2	0.0039	-0.0160	-0.0937	-3.28E-5	0.00E+0	7.49E-6
	CC3	0.0039	-0.0160	-0.0937	-3.28E-5	0.00E+0	7.49E-6
	CC4	0.0037	-0.0150	-0.0910	-3.08E-5	0.00E+0	6.52E-6
	CC5	0.0037	-0.0150	-0.0910	-3.08E-5	0.00E+0	6.52E-6
	CC6	0.2012	0.0702	-0.0728	7.39E-5	6.71E-29	-2.21E-4
	CC7	0.2032	0.0705	-0.0724	7.55E-5	6.71E-29	-2.11E-4
	CC8	0.2284	-0.2755	-0.0017	-3.81E-4	2.53E-29	-1.54E-4
	CC9	0.2304	-0.2753	-0.0013	-3.80E-4	2.53E-29	-1.44E-4
	CC10	-0.2231	0.2460	-0.1789	3.19E-4	-2.53E-29	1.57E-4
	CC11	-0.2211	0.2463	-0.1785	3.21E-4	-2.53E-29	1.66E-4
	CC12	-0.1959	-0.0997	-0.1078	-1.36E-4	-6.71E-29	2.24E-4
	CC13	-0.1939	-0.0995	-0.1075	-1.34E-4	-6.71E-29	2.33E-4
	CC14	0.0189	0.5349	-0.1932	6.89E-4	8.35E-29	-1.76E-4
	CC15	0.0250	0.5356	-0.1921	6.94E-4	8.35E-29	-1.48E-4
	CC16	-0.1084	0.5877	-0.2250	7.63E-4	5.58E-29	-6.29E-5
	CC17	-0.1023	0.5884	-0.2240	7.68E-4	5.58E-29	-3.45E-5
	CC18	0.1096	-0.6176	0.0437	-8.28E-4	-5.58E-29	4.69E-5
	CC19	0.1157	-0.6169	0.0448	-8.23E-4	-5.58E-29	7.53E-5
	CC20	-0.0177	-0.5649	0.0119	-7.54E-4	-8.35E-29	1.60E-4
	CC21	-0.0116	-0.5642	0.0130	-7.50E-4	-8.35E-29	1.88E-4
802	CC1	0.0054	-0.0188	-0.0939	-3.21E-5	0.00E+0	9.17E-6
	CC2	0.0054	-0.0188	-0.0939	-3.21E-5	0.00E+0	9.17E-6
	CC3	0.0054	-0.0188	-0.0939	-3.21E-5	0.00E+0	9.17E-6
	CC4	0.0051	-0.0177	-0.0912	-3.02E-5	0.00E+0	7.99E-6
	CC5	0.0051	-0.0177	-0.0912	-3.02E-5	0.00E+0	7.99E-6
	CC6	0.2269	0.0764	-0.0748	7.38E-5	2.72E-31	-2.39E-4
	CC7	0.2292	0.0768	-0.0745	7.54E-5	2.72E-31	-2.29E-4
	CC8	0.2541	-0.3081	-0.0020	-3.69E-4	1.04E-31	-1.81E-4
	CC9	0.2564	-0.3077	-0.0017	-3.67E-4	1.04E-31	-1.71E-4
	CC10	-0.2464	0.2732	-0.1789	3.08E-4	-1.04E-31	1.86E-4
	CC11	-0.2441	0.2735	-0.1786	3.10E-4	-1.04E-31	1.97E-4
	CC12	-0.2193	-0.1114	-0.1061	-1.35E-4	-2.72E-31	2.44E-4
	CC13	-0.2170	-0.1110	-0.1058	-1.33E-4	-2.72E-31	2.54E-4
	CC14	0.0273	0.5936	-0.1965	6.71E-4	3.36E-31	-1.68E-4
	CC15	0.0343	0.5947	-0.1955	6.75E-4	3.36E-31	-1.37E-4
	CC16	-0.1147	0.6526	-0.2277	7.41E-4	2.23E-31	-4.04E-5
	CC17	-0.1078	0.6537	-0.2267	7.46E-4	2.23E-31	-9.16E-6
	CC18	0.1177	-0.6882	0.0461	-8.05E-4	-2.23E-31	2.44E-5
	CC19	0.1246	-0.6871	0.0471	-8.00E-4	-2.23E-31	5.56E-5
	CC20	-0.0243	-0.6292	0.0149	-7.35E-4	-3.36E-31	1.52E-4
	CC21	-0.0174	-0.6281	0.0159	-7.30E-4	-3.36E-31	1.83E-4
803	CC1	0.0027	-0.0130	-0.0958	-2.77E-5	0.00E+0	3.78E-6
	CC2	0.0027	-0.0130	-0.0958	-2.77E-5	0.00E+0	3.78E-6
	CC3	0.0027	-0.0130	-0.0958	-2.77E-5	0.00E+0	3.78E-6
	CC4	0.0028	-0.0120	-0.0930	-2.57E-5	0.00E+0	3.22E-6
	CC5	0.0028	-0.0120	-0.0930	-2.57E-5	0.00E+0	3.22E-6
	CC6	0.1818	0.1107	-0.0678	1.57E-4	4.53E-29	-1.78E-4
	CC7	0.1836	0.1089	-0.0672	1.55E-4	4.53E-29	-1.70E-4
	CC8	0.2023	-0.2032	-0.0361	-3.43E-4	1.71E-29	-1.81E-4
	CC9	0.2041	-0.2050	-0.0355	-3.44E-4	1.71E-29	-1.73E-4
	CC10	-0.1985	0.1816	-0.1486	2.94E-4	-1.71E-29	1.79E-4
	CC11	-0.1967	0.1797	-0.1480	2.93E-4	-1.71E-29	1.87E-4
	CC12	-0.1780	-0.1323	-0.1169	-2.05E-4	-4.53E-29	1.76E-4
	CC13	-0.1762	-0.1341	-0.1163	-2.07E-4	-4.53E-29	1.84E-4
	CC14	0.0230	0.5036	-0.1337	7.89E-4	5.64E-29	-5.72E-5
	CC15	0.0283	0.4980	-0.1318	7.85E-4	5.64E-29	-3.31E-5
	CC16	-0.0911	0.5248	-0.1579	8.30E-4	3.77E-29	4.99E-5
	CC17	-0.0858	0.5192	-0.1560	8.26E-4	3.77E-29	7.41E-5
	CC18	0.0913	-0.5426	-0.0281	-8.76E-4	-3.77E-29	-6.80E-5
	CC19	0.0967	-0.5482	-0.0262	-8.80E-4	-3.77E-29	-4.38E-5
	CC20	-0.0228	-0.5214	-0.0523	-8.35E-4	-5.64E-29	3.91E-5
	CC21	-0.0174	-0.5270	-0.0504	-8.39E-4	-5.64E-29	6.33E-5
804	CC1	0.0036	-0.0149	-0.0962	-1.74E-5	0.00E+0	3.01E-7
	CC2	0.0036	-0.0149	-0.0962	-1.74E-5	0.00E+0	3.01E-7
	CC3	0.0036	-0.0149	-0.0962	-1.74E-5	0.00E+0	3.01E-7
	CC4	0.0037	-0.0138	-0.0933	-1.60E-5	0.00E+0	-7.74E-8
	CC5	0.0037	-0.0138	-0.0933	-1.60E-5	0.00E+0	-7.74E-8
	CC6	0.2046	0.1250	-0.0635	1.80E-4	1.98E-29	-2.21E-4

	CC7	0.2066	0.1230	-0.0628	1.79E-4	1.98E-29	-2.12E-4
	CC8	0.2271	-0.2325	-0.0326	-3.47E-4	7.60E-3	-1.91E-4
	CC9	0.2291	-0.2345	-0.0319	-3.49E-4	7.60E-3	-1.82E-4
	CC10	-0.2217	0.2076	-0.1529	3.18E-4	-7.60E-3	1.82E-4
	CC11	-0.2197	0.2057	-0.1522	3.16E-4	-7.60E-3	1.91E-4
	CC12	-0.1993	-0.1498	-0.1220	-2.10E-4	-1.98E-29	2.11E-4
	CC13	-0.1972	-0.1518	-0.1213	-2.11E-4	-1.98E-29	2.21E-4
	CC14	0.0272	0.5730	-0.1316	8.45E-4	2.44E-29	-1.24E-4
	CC15	0.0333	0.5670	-0.1295	8.41E-4	2.44E-29	-9.57E-5
	CC16	-0.1007	0.5978	-0.1584	8.86E-4	1.62E-29	-2.85E-6
	CC17	-0.0946	0.5918	-0.1563	8.82E-4	1.62E-29	2.51E-5
	CC18	0.1020	-0.6186	-0.0285	-9.13E-4	-1.62E-29	-2.56E-5
	CC19	0.1081	-0.6246	-0.0264	-9.17E-4	-1.62E-29	2.44E-6
	CC20	-0.0259	-0.5938	-0.0553	-8.72E-4	-2.44E-29	9.53E-5
	CC21	-0.0198	-0.5998	-0.0532	-8.76E-4	-2.44E-29	1.23E-4
805	CC1	0.0045	-0.0174	-0.0965	-4.17E-5	0.00E+0	-3.48E-6
	CC2	0.0045	-0.0174	-0.0965	-4.17E-5	0.00E+0	-3.48E-6
	CC3	0.0045	-0.0174	-0.0965	-4.17E-5	0.00E+0	-3.48E-6
	CC4	0.0046	-0.0161	-0.0936	-3.90E-5	0.00E+0	-3.52E-6
	CC5	0.0046	-0.0161	-0.0936	-3.90E-5	0.00E+0	-3.52E-6
	CC6	0.2288	0.1381	-0.0611	1.12E-4	6.59E-29	-2.57E-4
	CC7	0.2312	0.1360	-0.0604	1.11E-4	6.59E-29	-2.46E-4
	CC8	0.2530	-0.2607	-0.0306	-3.08E-4	2.46E-29	-2.03E-4
	CC9	0.2553	-0.2627	-0.0299	-3.09E-4	2.46E-29	-1.93E-4
	CC10	-0.2460	0.2314	-0.1555	2.33E-4	-2.46E-29	1.86E-4
	CC11	-0.2436	0.2293	-0.1547	2.32E-4	-2.46E-29	1.96E-4
	CC12	-0.2218	-0.1674	-0.1249	-1.87E-4	-6.59E-29	2.39E-4
	CC13	-0.2195	-0.1694	-0.1242	-1.88E-4	-6.59E-29	2.50E-4
	CC14	0.0321	0.6381	-0.1305	6.46E-4	8.23E-29	-1.74E-4
	CC15	0.0392	0.6318	-0.1282	6.43E-4	8.23E-29	-1.43E-4
	CC16	-0.1103	0.6661	-0.1588	6.82E-4	5.51E-29	-4.15E-5
	CC17	-0.1033	0.6598	-0.1565	6.79E-4	5.51E-29	-1.03E-5
	CC18	0.1126	-0.6911	-0.0288	-7.55E-4	-5.51E-29	3.20E-6
	CC19	0.1196	-0.6974	-0.0266	-7.58E-4	-5.51E-29	3.45E-5
	CC20	-0.0298	-0.6631	-0.0571	-7.19E-4	-8.23E-29	1.36E-4
	CC21	-0.0228	-0.6694	-0.0549	-7.22E-4	-8.23E-29	1.67E-4
806	CC1	0.0029	-0.0096	-0.0929	0.00E+0	-2.13E-5	-3.55E-6
	CC2	0.0029	-0.0096	-0.0929	0.00E+0	-2.13E-5	-3.55E-6
	CC3	0.0029	-0.0096	-0.0929	0.00E+0	-2.13E-5	-3.55E-6
	CC4	0.0026	-0.0090	-0.0907	0.00E+0	-1.98E-5	-3.08E-6
	CC5	0.0026	-0.0090	-0.0907	0.00E+0	-1.98E-5	-3.08E-6
	CC6	0.2239	-0.4090	-0.0492	1.68E-29	-3.35E-4	-1.92E-4
	CC7	0.2213	-0.3889	-0.0487	1.68E-29	-3.32E-4	-1.84E-4
	CC8	0.2268	-0.6369	-0.0609	6.39E-3	-3.39E-4	-1.55E-4
	CC9	0.2242	-0.6168	-0.0603	6.39E-3	-3.36E-4	-1.47E-4
	CC10	-0.2191	0.5993	-0.1197	-6.39E-3	2.98E-4	1.41E-4
	CC11	-0.2216	0.6194	-0.1191	-6.39E-3	3.01E-4	1.49E-4
	CC12	-0.2162	0.3714	-0.1313	-1.68E-29	2.93E-4	1.78E-4
	CC13	-0.2187	0.3915	-0.1308	-1.68E-29	2.96E-4	1.86E-4
	CC14	0.0681	0.1893	-0.0609	2.08E-29	-1.11E-4	-1.26E-4
	CC15	0.0603	0.2503	-0.0592	2.08E-29	-1.02E-4	-1.03E-4
	CC16	-0.0648	0.4918	-0.0821	1.38E-29	7.88E-5	-2.63E-5
	CC17	-0.0726	0.5528	-0.0803	1.38E-29	8.80E-5	-2.77E-6
	CC18	0.0778	-0.5703	-0.0997	-1.38E-29	-1.27E-4	-3.06E-5
	CC19	0.0699	-0.5093	-0.0979	-1.38E-29	-1.18E-4	2.04E-5
	CC20	-0.0551	-0.2678	-0.1208	-2.08E-29	6.30E-5	9.68E-5
	CC21	-0.0630	-0.2068	-0.1191	-2.08E-29	7.22E-5	1.20E-4
807	CC1	0.0026	-0.0095	-0.0911	0.00E+0	-1.80E-5	-1.39E-6
	CC2	0.0026	-0.0095	-0.0911	0.00E+0	-1.80E-5	-1.39E-6
	CC3	0.0026	-0.0095	-0.0911	0.00E+0	-1.80E-5	-1.39E-6
	CC4	0.0024	-0.0089	-0.0891	0.00E+0	-1.69E-5	-1.07E-6
	CC5	0.0024	-0.0089	-0.0891	0.00E+0	-1.69E-5	-1.07E-6
	CC6	0.2163	-0.4090	-0.0373	2.49E-29	-3.26E-4	-1.97E-4
	CC7	0.2144	-0.3889	-0.0392	2.49E-29	-3.24E-4	-1.89E-4
	CC8	0.2224	-0.6369	-0.0163	9.23E-3	-3.36E-4	-1.64E-4
	CC9	0.2206	-0.6168	-0.0182	9.23E-3	-3.34E-4	-1.55E-4
	CC10	-0.2158	0.5994	-0.1585	-9.23E-3	3.01E-4	1.53E-4
	CC11	-0.2176	0.6194	-0.1605	-9.23E-3	3.03E-4	1.62E-4
	CC12	-0.2097	0.3715	-0.1375	-2.49E-29	2.91E-4	1.87E-4
	CC13	-0.2115	0.3916	-0.1395	-2.49E-29	2.93E-4	1.95E-4
	CC14	0.0597	0.1893	-0.1022	3.12E-29	-9.76E-5	-1.22E-4
	CC15	0.0542	0.2503	-0.1082	3.12E-29	-9.11E-5	-9.68E-5

	CC16	-0.0699	0.4919	-0.1385	2.09E-29	9.07E-5	-1.64E-5
	CC17	-0.0754	0.5528	-0.1445	2.09E-29	9.71E-5	8.35E-6
	CC18	0.0802	-0.5703	-0.0322	-2.09E-29	-1.30E-4	-1.03E-5
	CC19	0.0747	-0.5093	-0.0382	-2.09E-29	-1.24E-4	1.45E-5
	CC20	-0.0494	-0.2678	-0.0686	-3.12E-29	5.80E-5	9.49E-5
	CC21	-0.0549	-0.2068	-0.0746	-3.12E-29	6.44E-5	1.20E-4
808	CC1	0.0067	-0.0130	-0.0932	0.00E+0	-2.30E-5	-7.10E-6
	CC2	0.0067	-0.0130	-0.0932	0.00E+0	-2.30E-5	-7.10E-6
	CC3	0.0067	-0.0130	-0.0932	0.00E+0	-2.30E-5	-7.10E-6
	CC4	0.0062	-0.0122	-0.0911	0.00E+0	-2.15E-5	-6.25E-6
	CC5	0.0062	-0.0122	-0.0911	0.00E+0	-2.15E-5	-6.25E-6
	CC6	0.2801	-0.5125	-0.0491	2.40E-29	-3.21E-4	-2.56E-4
	CC7	0.2769	-0.4872	-0.0485	2.40E-29	-3.18E-4	-2.45E-4
	CC8	0.2836	-0.8044	-0.0613	8.97E-3	-3.28E-4	-2.20E-4
	CC9	0.2804	-0.7790	-0.0607	8.97E-3	-3.25E-4	-2.09E-4
	CC10	-0.2683	0.7551	-0.1200	-8.97E-3	2.83E-4	1.97E-4
	CC11	-0.2715	0.7805	-0.1194	-8.97E-3	2.86E-4	2.08E-4
	CC12	-0.2649	0.4633	-0.1322	-2.40E-29	2.76E-4	2.33E-4
	CC13	-0.2680	0.4886	-0.1316	-2.40E-29	2.79E-4	2.44E-4
	CC14	0.0873	0.2459	-0.0604	2.99E-29	-1.05E-4	-1.50E-4
	CC15	0.0777	0.3227	-0.0586	2.99E-29	-9.47E-5	-1.18E-4
	CC16	-0.0772	0.6262	-0.0817	2.00E-29	7.66E-5	-1.38E-5
	CC17	-0.0868	0.7030	-0.0798	2.00E-29	8.66E-5	1.78E-5
	CC18	0.0989	-0.7269	-0.1009	-2.00E-29	-1.29E-4	-2.97E-5
	CC19	0.0893	-0.6501	-0.0990	-2.00E-29	-1.19E-4	1.89E-6
	CC20	-0.0656	-0.3466	-0.1222	-2.99E-29	5.27E-5	1.06E-4
	CC21	-0.0752	-0.2698	-0.1203	-2.99E-29	6.26E-5	1.38E-4
809	CC1	0.0047	-0.0113	-0.0931	0.00E+0	-2.10E-5	-4.83E-6
	CC2	0.0047	-0.0113	-0.0931	0.00E+0	-2.10E-5	-4.83E-6
	CC3	0.0047	-0.0113	-0.0931	0.00E+0	-2.10E-5	-4.83E-6
	CC4	0.0044	-0.0106	-0.0909	0.00E+0	-1.96E-5	-4.18E-6
	CC5	0.0044	-0.0106	-0.0909	0.00E+0	-1.96E-5	-4.18E-6
	CC6	0.2522	-0.4605	-0.0492	3.54E-29	-3.31E-4	-2.22E-4
	CC7	0.2493	-0.4378	-0.0486	3.54E-29	-3.28E-4	-2.13E-4
	CC8	0.2553	-0.7198	-0.0611	1.35E-29	-3.40E-4	-1.84E-4
	CC9	0.2525	-0.6971	-0.0605	1.35E-29	-3.37E-4	-1.75E-4
	CC10	-0.2439	0.6765	-0.1199	-1.35E-29	2.98E-4	1.67E-4
	CC11	-0.2468	0.6992	-0.1193	-1.35E-29	3.02E-4	1.76E-4
	CC12	-0.2408	0.4171	-0.1319	-3.54E-29	2.90E-4	2.05E-4
	CC13	-0.2437	0.4398	-0.1313	-3.54E-29	2.93E-4	2.14E-4
	CC14	0.0778	0.2169	-0.0606	4.39E-29	-1.04E-4	-1.39E-4
	CC15	0.0691	0.2858	-0.0588	4.39E-29	-9.38E-5	-1.12E-4
	CC16	-0.0710	0.5580	-0.0818	2.92E-29	8.48E-5	-2.20E-5
	CC17	-0.0797	0.6269	-0.0800	2.92E-29	9.51E-5	5.26E-6
	CC18	0.0883	-0.6475	-0.1005	-2.92E-29	-1.33E-4	-1.32E-5
	CC19	0.0796	-0.5786	-0.0986	-2.92E-29	-1.23E-4	1.40E-5
	CC20	-0.0606	-0.3064	-0.1217	-4.39E-29	5.55E-5	1.04E-4
	CC21	-0.0693	-0.2376	-0.1198	-4.39E-29	6.58E-5	1.31E-4
810	CC1	0.0042	-0.0113	-0.0913	0.00E+0	-1.87E-5	-4.81E-6
	CC2	0.0042	-0.0113	-0.0913	0.00E+0	-1.87E-5	-4.81E-6
	CC3	0.0042	-0.0113	-0.0913	0.00E+0	-1.87E-5	-4.81E-6
	CC4	0.0040	-0.0106	-0.0892	0.00E+0	-1.76E-5	-4.17E-6
	CC5	0.0040	-0.0106	-0.0892	0.00E+0	-1.76E-5	-4.17E-6
	CC6	0.2436	-0.4604	-0.0372	3.21E-29	-3.16E-4	-2.22E-4
	CC7	0.2416	-0.4377	-0.0391	3.21E-29	-3.14E-4	-2.13E-4
	CC8	0.2502	-0.7197	-0.0159	1.21E-29	-3.25E-4	-1.86E-4
	CC9	0.2482	-0.6971	-0.0179	1.21E-29	-3.23E-4	-1.77E-4
	CC10	-0.2405	0.6764	-0.1591	-1.21E-29	2.89E-4	1.69E-4
	CC11	-0.2425	0.6991	-0.1611	-1.21E-29	2.90E-4	1.78E-4
	CC12	-0.2338	0.4171	-0.1379	-3.21E-29	2.80E-4	2.05E-4
	CC13	-0.2358	0.4398	-0.1399	-3.21E-29	2.82E-4	2.15E-4
	CC14	0.0684	0.2169	-0.1026	3.99E-29	-9.65E-5	-1.37E-4
	CC15	0.0624	0.2858	-0.1086	3.99E-29	-9.06E-5	-1.10E-4
	CC16	-0.0768	0.5580	-0.1392	2.67E-29	8.50E-5	-2.01E-5
	CC17	-0.0828	0.6268	-0.1452	2.67E-29	9.08E-5	7.54E-6
	CC18	0.0906	-0.6475	-0.0319	-2.67E-29	-1.25E-4	-1.55E-5
	CC19	0.0845	-0.5786	-0.0379	-2.67E-29	-1.19E-4	1.22E-5
	CC20	-0.0546	-0.3064	-0.0685	-3.99E-29	5.62E-5	1.02E-4
	CC21	-0.0607	-0.2375	-0.0745	-3.99E-29	6.21E-5	1.30E-4
811	CC1	0.0059	-0.0130	-0.0914	0.00E+0	-1.97E-5	-7.88E-6
	CC2	0.0059	-0.0130	-0.0914	0.00E+0	-1.97E-5	-7.88E-6
	CC3	0.0059	-0.0130	-0.0914	0.00E+0	-1.97E-5	-7.88E-6

	CC4	0.0056	-0.0122	-0.0893	0.00E+0	-1.85E-5	-6.97E-6
	CC5	0.0056	-0.0122	-0.0893	0.00E+0	-1.85E-5	-6.97E-6
	CC6	0.2701	-0.5125	-0.0371	9.29E-3	-3.03E-4	-2.51E-4
	CC7	0.2679	-0.4871	-0.0391	9.29E-3	-3.01E-4	-2.41E-4
	CC8	0.2771	-0.8043	-0.0158	3.59E-3	-3.11E-4	-2.13E-4
	CC9	0.2749	-0.7790	-0.0178	3.59E-3	-3.10E-4	-2.03E-4
	CC10	-0.2641	0.7551	-0.1595	-3.59E-3	2.73E-4	1.90E-4
	CC11	-0.2662	0.7804	-0.1615	-3.59E-3	2.75E-4	2.00E-4
	CC12	-0.2570	0.4633	-0.1382	-9.29E-3	2.65E-4	2.28E-4
	CC13	-0.2592	0.4886	-0.1402	-9.29E-3	2.67E-4	2.38E-4
	CC14	0.0771	0.2459	-0.1028	1.14E-29	-9.37E-5	-1.52E-4
	CC15	0.0705	0.3227	-0.1089	1.14E-29	-8.78E-5	-1.21E-4
	CC16	-0.0831	0.6261	-0.1395	7.57E-3	7.93E-5	-1.95E-5
	CC17	-0.0897	0.7030	-0.1456	7.57E-3	8.52E-5	1.16E-5
	CC18	0.1006	-0.7268	-0.0317	-7.57E-3	-1.21E-4	-2.50E-5
	CC19	0.0940	-0.6500	-0.0378	-7.57E-3	-1.15E-4	6.13E-6
	CC20	-0.0597	-0.3466	-0.0684	-1.14E-29	5.17E-5	1.07E-4
	CC21	-0.0663	-0.2697	-0.0745	-1.14E-29	5.75E-5	1.38E-4
812	CC1	-0.0011	-0.0088	-0.1147	-4.43E-6	1.16E-5	4.17E-6
	CC2	-0.0011	-0.0088	-0.1147	-4.43E-6	1.16E-5	4.17E-6
	CC3	-0.0011	-0.0088	-0.1147	-4.43E-6	1.16E-5	4.17E-6
	CC4	-0.0008	-0.0080	-0.1121	-3.84E-6	1.10E-5	4.08E-6
	CC5	-0.0008	-0.0080	-0.1121	-3.84E-6	1.10E-5	4.08E-6
	CC6	0.2770	0.5848	-0.1504	1.54E-4	-2.60E-4	-2.65E-4
	CC7	0.2735	0.5643	-0.1521	1.49E-4	-2.59E-4	-2.53E-4
	CC8	0.2788	0.1253	-0.2016	3.33E-5	-3.02E-4	-2.15E-4
	CC9	0.2753	0.1048	-0.2033	2.81E-5	-3.00E-4	-2.03E-4
	CC10	-0.2768	-0.1202	-0.0191	-3.54E-5	3.22E-4	2.12E-4
	CC11	-0.2802	-0.1407	-0.0207	-4.06E-5	3.23E-4	2.23E-4
	CC12	-0.2749	-0.5796	-0.0703	-1.56E-4	2.80E-4	2.62E-4
	CC13	-0.2784	-0.6002	-0.0719	-1.62E-4	2.82E-4	2.73E-4
	CC14	0.0845	0.8951	-0.0431	2.34E-4	-1.02E-5	-1.68E-4
	CC15	0.0740	0.8326	-0.0480	2.19E-4	-5.49E-6	-1.34E-4
	CC16	-0.0816	0.6836	-0.0037	1.77E-4	1.64E-4	-2.48E-5
	CC17	-0.0921	0.6212	-0.0086	1.62E-4	1.69E-4	9.05E-6
	CC18	0.0907	-0.6365	-0.2138	-1.69E-4	-1.48E-4	-9.41E-7
	CC19	0.0802	-0.6990	-0.2187	-1.85E-4	-1.43E-4	3.29E-5
	CC20	-0.0754	-0.8480	-0.1744	-2.26E-4	2.70E-5	1.42E-4
	CC21	-0.0859	-0.9105	-0.1793	-2.42E-4	3.17E-5	1.76E-4
813	CC1	-0.0002	-0.0076	-0.1145	5.54E-7	7.89E-6	5.12E-6
	CC2	-0.0002	-0.0076	-0.1145	5.54E-7	7.89E-6	5.12E-6
	CC3	-0.0002	-0.0076	-0.1145	5.54E-7	7.89E-6	5.12E-6
	CC4	0.0000	-0.0070	-0.1118	5.14E-7	7.32E-6	4.93E-6
	CC5	0.0000	-0.0070	-0.1118	5.14E-7	7.32E-6	4.93E-6
	CC6	0.2523	0.5277	-0.1503	-1.91E-5	-2.72E-4	-2.11E-4
	CC7	0.2491	0.5091	-0.1519	-1.90E-5	-2.70E-4	-2.02E-4
	CC8	0.2530	0.1131	-0.2011	-2.28E-5	-3.24E-4	-1.86E-4
	CC9	0.2498	0.0945	-0.2027	-2.27E-5	-3.23E-4	-1.77E-4
	CC10	-0.2496	-0.1079	-0.0193	2.37E-5	3.37E-4	1.87E-4
	CC11	-0.2528	-0.1266	-0.0209	2.38E-5	3.39E-4	1.96E-4
	CC12	-0.2489	-0.5225	-0.0700	2.00E-5	2.85E-4	2.11E-4
	CC13	-0.2521	-0.5411	-0.0716	2.01E-5	2.86E-4	2.20E-4
	CC14	0.0792	0.8078	-0.0437	1.31E-7	1.82E-6	-1.09E-4
	CC15	0.0694	0.7513	-0.0485	4.05E-7	5.72E-6	-8.15E-5
	CC16	-0.0714	0.6172	-0.0043	1.30E-5	1.85E-4	9.79E-6
	CC17	-0.0812	0.5606	-0.0092	1.33E-5	1.88E-4	3.77E-5
	CC18	0.0815	-0.5741	-0.2128	-1.22E-5	-1.74E-4	-2.80E-5
	CC19	0.0717	-0.6306	-0.2176	-1.20E-5	-1.70E-4	-6.48E-8
	CC20	-0.0691	-0.7647	-0.1734	5.97E-7	8.53E-6	9.13E-5
	CC21	-0.0789	-0.8213	-0.1783	8.70E-7	1.24E-5	1.19E-4
814	CC1	0.0005	-0.0066	-0.1141	-9.70E-7	6.21E-6	3.22E-6
	CC2	0.0005	-0.0066	-0.1141	-9.70E-7	6.21E-6	3.22E-6
	CC3	0.0005	-0.0066	-0.1141	-9.70E-7	6.21E-6	3.22E-6
	CC4	0.0007	-0.0060	-0.1115	-5.37E-7	5.51E-6	3.05E-6
	CC5	0.0007	-0.0060	-0.1115	-5.37E-7	5.51E-6	3.05E-6
	CC6	0.2263	0.4706	-0.1500	3.65E-4	-3.13E-4	-1.63E-4
	CC7	0.2234	0.4540	-0.1515	3.53E-4	-3.10E-4	-1.56E-4
	CC8	0.2257	0.1007	-0.2001	1.03E-4	-3.24E-4	-1.55E-4
	CC9	0.2228	0.0840	-0.2017	9.08E-5	-3.21E-4	-1.48E-4
	CC10	-0.2213	-0.0956	-0.0195	-9.16E-5	3.31E-4	1.54E-4
	CC11	-0.2242	-0.1123	-0.0211	-1.04E-4	3.35E-4	1.61E-4
	CC12	-0.2219	-0.4656	-0.0697	-3.53E-4	3.20E-4	1.62E-4

	CC13	-0.2248	-0.4822	-0.0713	-3.66E-4	3.24E-4	1.69E-4
	CC14	0.0732	0.7211	-0.0442	5.23E-4	-7.87E-5	-6.98E-5
	CC15	0.0644	0.6705	-0.0489	4.86E-4	-6.79E-5	-4.77E-5
	CC16	-0.0610	0.5512	-0.0050	3.86E-4	1.15E-4	2.52E-5
	CC17	-0.0699	0.5006	-0.0098	3.49E-4	1.26E-4	4.74E-5
	CC18	0.0714	-0.5122	-0.2115	-3.50E-4	-1.15E-4	-4.14E-5
	CC19	0.0625	-0.5628	-0.2162	-3.87E-4	-1.04E-4	-1.93E-5
	CC20	-0.0629	-0.6820	-0.1723	-4.87E-4	7.85E-5	5.37E-5
	CC21	-0.0718	-0.7327	-0.1771	-5.24E-4	8.93E-5	7.58E-5
815	CC1	0.0008	-0.0066	-0.1132	1.13E-5	2.70E-6	4.57E-6
	CC2	0.0008	-0.0066	-0.1132	1.13E-5	2.70E-6	4.57E-6
	CC3	0.0008	-0.0066	-0.1132	1.13E-5	2.70E-6	4.57E-6
	CC4	0.0010	-0.0060	-0.1107	1.16E-5	2.07E-6	4.31E-6
	CC5	0.0010	-0.0060	-0.1107	1.16E-5	2.07E-6	4.31E-6
	CC6	0.2208	0.4715	-0.1704	5.62E-4	-3.18E-4	-2.02E-4
	CC7	0.2185	0.4547	-0.1707	5.44E-4	-3.15E-4	-1.93E-4
	CC8	0.2226	0.1014	-0.1892	1.39E-4	-3.26E-4	-1.70E-4
	CC9	0.2202	0.0847	-0.1894	1.21E-4	-3.23E-4	-1.61E-4
	CC10	-0.2181	-0.0963	-0.0303	-9.77E-5	3.27E-4	1.70E-4
	CC11	-0.2205	-0.1130	-0.0306	-1.15E-4	3.30E-4	1.78E-4
	CC12	-0.2164	-0.4663	-0.0490	-5.20E-4	3.19E-4	2.02E-4
	CC13	-0.2188	-0.4830	-0.0493	-5.38E-4	3.22E-4	2.10E-4
	CC14	0.0676	0.7215	-0.0992	8.42E-4	-8.56E-5	-1.18E-4
	CC15	0.0604	0.6708	-0.1001	7.88E-4	-7.70E-5	-9.15E-5
	CC16	-0.0641	0.5512	-0.0572	6.44E-4	1.08E-4	-6.27E-6
	CC17	-0.0713	0.5005	-0.0580	5.90E-4	1.17E-4	1.99E-5
	CC18	0.0733	-0.5120	-0.1617	-5.67E-4	-1.13E-4	-1.15E-5
	CC19	0.0662	-0.5628	-0.1625	-6.21E-4	-1.04E-4	1.47E-5
	CC20	-0.0584	-0.6824	-0.1197	-7.65E-4	8.07E-5	1.00E-4
	CC21	-0.0655	-0.7331	-0.1205	-8.18E-4	8.94E-5	1.26E-4
816	CC1	0.0012	-0.0066	-0.1124	-1.24E-5	4.01E-6	3.73E-6
	CC2	0.0012	-0.0066	-0.1124	-1.24E-5	4.01E-6	3.73E-6
	CC3	0.0012	-0.0066	-0.1124	-1.24E-5	4.01E-6	3.73E-6
	CC4	0.0013	-0.0060	-0.1099	-1.13E-5	3.35E-6	3.51E-6
	CC5	0.0013	-0.0060	-0.1099	-1.13E-5	3.35E-6	3.51E-6
	CC6	0.2134	0.4727	-0.1967	6.71E-4	-3.06E-4	-2.42E-4
	CC7	0.2117	0.4560	-0.1956	6.48E-4	-3.05E-4	-2.32E-4
	CC8	0.2189	0.1021	-0.1792	1.44E-4	-3.19E-4	-1.73E-4
	CC9	0.2172	0.0854	-0.1780	1.21E-4	-3.17E-4	-1.63E-4
	CC10	-0.2145	-0.0969	-0.0402	-1.43E-4	3.23E-4	1.70E-4
	CC11	-0.2161	-0.1137	-0.0390	-1.66E-4	3.25E-4	1.80E-4
	CC12	-0.2090	-0.4675	-0.0226	-6.70E-4	3.11E-4	2.39E-4
	CC13	-0.2106	-0.4843	-0.0214	-6.93E-4	3.13E-4	2.49E-4
	CC14	0.0588	0.7227	-0.1636	1.02E-3	-7.34E-5	-1.89E-4
	CC15	0.0539	0.6719	-0.1601	9.55E-4	-6.77E-5	-1.59E-4
	CC16	-0.0695	0.5519	-0.1167	7.79E-4	1.15E-4	-6.51E-5
	CC17	-0.0745	0.5010	-0.1132	7.11E-4	1.21E-4	-3.53E-5
	CC18	0.0773	-0.5126	-0.1050	-7.33E-4	-1.15E-4	4.22E-5
	CC19	0.0723	-0.5634	-0.1015	-8.01E-4	-1.09E-4	7.19E-5
	CC20	-0.0511	-0.6835	-0.0580	-9.77E-4	7.39E-5	1.66E-4
	CC21	-0.0561	-0.7343	-0.0545	-1.05E-3	7.97E-5	1.96E-4
817	CC1	-0.0008	-0.0088	-0.1137	-4.45E-6	1.22E-5	4.36E-6
	CC2	-0.0008	-0.0088	-0.1137	-4.45E-6	1.22E-5	4.36E-6
	CC3	-0.0008	-0.0088	-0.1137	-4.45E-6	1.22E-5	4.36E-6
	CC4	-0.0005	-0.0080	-0.1111	-3.93E-6	1.15E-5	4.13E-6
	CC5	-0.0005	-0.0080	-0.1111	-3.93E-6	1.15E-5	4.13E-6
	CC6	0.2694	0.5863	-0.1720	3.69E-4	-2.59E-4	-2.74E-4
	CC7	0.2668	0.5656	-0.1723	3.57E-4	-2.58E-4	-2.63E-4
	CC8	0.2750	0.1266	-0.1900	9.37E-5	-2.89E-4	-2.14E-4
	CC9	0.2723	0.1059	-0.1902	8.11E-5	-2.87E-4	-2.03E-4
	CC10	-0.2731	-0.1213	-0.0304	-8.86E-5	3.10E-4	2.11E-4
	CC11	-0.2758	-0.1420	-0.0306	-1.01E-4	3.11E-4	2.22E-4
	CC12	-0.2676	-0.5810	-0.0483	-3.64E-4	2.80E-4	2.71E-4
	CC13	-0.2703	-0.6017	-0.0485	-3.77E-4	2.82E-4	2.82E-4
	CC14	0.0758	0.8959	-0.1013	5.44E-4	-2.76E-5	-1.86E-4
	CC15	0.0677	0.8333	-0.1020	5.05E-4	-2.29E-5	-1.51E-4
	CC16	-0.0870	0.6837	-0.0588	4.06E-4	1.43E-4	-4.06E-5
	CC17	-0.0951	0.6210	-0.0595	3.68E-4	1.48E-4	-5.95E-6
	CC18	0.0943	-0.6364	-0.1610	-3.76E-4	-1.25E-4	1.40E-5
	CC19	0.0862	-0.6990	-0.1618	-4.14E-4	-1.21E-4	4.87E-5
	CC20	-0.0685	-0.8487	-0.1185	-5.13E-4	4.54E-5	1.60E-4
	CC21	-0.0766	-0.9113	-0.1193	-5.51E-4	5.00E-5	1.94E-4

818	CC1	0.0002	-0.0077	-0.1135	6.21E-7	8.82E-6	5.50E-6
	CC2	0.0002	-0.0077	-0.1135	6.21E-7	8.82E-6	5.50E-6
	CC3	0.0002	-0.0077	-0.1135	6.21E-7	8.82E-6	5.50E-6
	CC4	0.0004	-0.0070	-0.1110	5.76E-7	8.19E-6	5.21E-6
	CC5	0.0004	-0.0070	-0.1110	5.76E-7	8.19E-6	5.21E-6
	CC6	0.2462	0.5289	-0.1712	-1.80E-5	-2.56E-4	-2.43E-4
	CC7	0.2437	0.5102	-0.1715	-1.80E-5	-2.56E-4	-2.32E-4
	CC8	0.2495	0.1141	-0.1896	-2.31E-5	-3.28E-4	-1.92E-4
	CC9	0.2470	0.0955	-0.1899	-2.31E-5	-3.29E-4	-1.81E-4
	CC10	-0.2460	-0.1089	-0.0304	2.42E-5	3.45E-4	1.92E-4
	CC11	-0.2486	-0.1276	-0.0306	2.42E-5	3.44E-4	2.02E-4
	CC12	-0.2427	-0.5237	-0.0488	1.91E-5	2.72E-4	2.43E-4
	CC13	-0.2452	-0.5423	-0.0491	1.91E-5	2.72E-4	2.53E-4
	CC14	0.0725	0.8085	-0.1001	2.76E-6	3.91E-5	-1.61E-4
	CC15	0.0649	0.7518	-0.1009	2.69E-6	3.82E-5	-1.30E-4
	CC16	-0.0751	0.6172	-0.0579	1.54E-5	2.19E-4	-3.03E-5
	CC17	-0.0828	0.5605	-0.0587	1.54E-5	2.18E-4	6.76E-7
	CC18	0.0838	-0.5739	-0.1616	-1.42E-5	-2.02E-4	9.55E-6
	CC19	0.0761	-0.6306	-0.1624	-1.43E-5	-2.03E-4	4.05E-5
	CC20	-0.0639	-0.7653	-0.1193	-1.57E-6	-2.23E-5	1.40E-4
	CC21	-0.0716	-0.8220	-0.1201	-1.63E-6	-2.32E-5	1.71E-4
819	CC1	0.0005	-0.0077	-0.1126	7.25E-7	1.03E-5	1.85E-6
	CC2	0.0005	-0.0077	-0.1126	7.25E-7	1.03E-5	1.85E-6
	CC3	0.0005	-0.0077	-0.1126	7.25E-7	1.03E-5	1.85E-6
	CC4	0.0007	-0.0070	-0.1102	6.76E-7	9.62E-6	1.70E-6
	CC5	0.0007	-0.0070	-0.1102	6.76E-7	9.62E-6	1.70E-6
	CC6	0.2382	0.5301	-0.1974	-1.80E-5	-2.56E-4	-2.37E-4
	CC7	0.2364	0.5113	-0.1963	-1.80E-5	-2.57E-4	-2.27E-4
	CC8	0.2456	0.1152	-0.1803	-2.28E-5	-3.25E-4	-1.86E-4
	CC9	0.2439	0.0965	-0.1792	-2.29E-5	-3.25E-4	-1.76E-4
	CC10	-0.2424	-0.1099	-0.0395	2.42E-5	3.44E-4	1.79E-4
	CC11	-0.2441	-0.1287	-0.0384	2.41E-5	3.43E-4	1.89E-4
	CC12	-0.2349	-0.5248	-0.0224	1.94E-5	2.75E-4	2.30E-4
	CC13	-0.2367	-0.5436	-0.0213	1.93E-5	2.75E-4	2.40E-4
	CC14	0.0631	0.8092	-0.1632	2.47E-6	3.52E-5	-1.60E-4
	CC15	0.0578	0.7523	-0.1598	2.31E-6	3.28E-5	-1.31E-4
	CC16	-0.0810	0.6172	-0.1158	1.51E-5	2.15E-4	-3.56E-5
	CC17	-0.0864	0.5603	-0.1124	1.50E-5	2.13E-4	-6.00E-6
	CC18	0.0879	-0.5738	-0.1062	-1.36E-5	-1.94E-4	9.32E-6
	CC19	0.0826	-0.6306	-0.1028	-1.38E-5	-1.96E-4	3.89E-5
	CC20	-0.0562	-0.7658	-0.0589	-9.86E-7	-1.40E-5	1.34E-4
	CC21	-0.0616	-0.8226	-0.0555	-1.16E-6	-1.64E-5	1.64E-4
820	CC1	-0.0006	-0.0087	-0.1127	-3.09E-6	1.23E-5	1.98E-6
	CC2	-0.0006	-0.0087	-0.1127	-3.09E-6	1.23E-5	1.98E-6
	CC3	-0.0006	-0.0087	-0.1127	-3.09E-6	1.23E-5	1.98E-6
	CC4	-0.0003	-0.0079	-0.1103	-2.70E-6	1.15E-5	1.87E-6
	CC5	-0.0003	-0.0079	-0.1103	-2.70E-6	1.15E-5	1.87E-6
	CC6	0.2614	0.5882	-0.1983	3.80E-4	-2.60E-4	-2.56E-4
	CC7	0.2595	0.5675	-0.1972	3.67E-4	-2.59E-4	-2.46E-4
	CC8	0.2707	0.1281	-0.1805	7.49E-5	-2.82E-4	-2.05E-4
	CC9	0.2688	0.1074	-0.1794	6.23E-5	-2.81E-4	-1.94E-4
	CC10	-0.2692	-0.1227	-0.0395	-6.74E-5	3.04E-4	1.98E-4
	CC11	-0.2711	-0.1434	-0.0384	-8.01E-5	3.05E-4	2.09E-4
	CC12	-0.2599	-0.5829	-0.0217	-3.72E-4	2.82E-4	2.49E-4
	CC13	-0.2618	-0.6036	-0.0206	-3.85E-4	2.83E-4	2.60E-4
	CC14	0.0666	0.8973	-0.1646	5.92E-4	-3.82E-5	-1.68E-4
	CC15	0.0611	0.8344	-0.1612	5.53E-4	-3.54E-5	-1.36E-4
	CC16	-0.0925	0.6840	-0.1170	4.57E-4	1.31E-4	-3.18E-5
	CC17	-0.0981	0.6211	-0.1136	4.19E-4	1.34E-4	5.32E-7
	CC18	0.0977	-0.6365	-0.1054	-4.24E-4	-1.11E-4	3.13E-6
	CC19	0.0921	-0.6993	-0.1019	-4.63E-4	-1.08E-4	3.55E-5
	CC20	-0.0615	-0.8498	-0.0577	-5.58E-4	5.79E-5	1.39E-4
	CC21	-0.0670	-0.9126	-0.0543	-5.97E-4	6.07E-5	1.72E-4

1.2.2 Verifica.

Tale verifica, controlla che gli spostamenti strutturali non producano danni tali da compromettere l'agibilità della struttura.

Gli spostamenti considerati sono relativi alle combinazioni di carico descritte nel paragrafo "Condizioni di carico valutate" della presente relazione.

Si riportano i dati della verifica:

Vx max : valore massimo della traslazione X globale dell'impalcato considerato;
 Vy max : valore massimo della traslazione Y globale dell'impalcato considerato;
 Vx min : valore minimo della traslazione X globale dell'impalcato considerato;
 Vy min : valore minimo della traslazione Y globale dell'impalcato considerato;

Tabella 20.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
0	0.0000	0.0053	0.0000	0.0215
1	0.0736	0.1052	0.1697	0.2270
2	0.1767	0.2556	0.4739	0.6346
3	0.2698	0.3978	0.7581	0.9882
4	0.3366	0.4077	0.8341	1.0050

Per edifici con tamponamenti collegati rigidamente (Tamponature fragili) il controllo viene fatto tramite la seguente relazione:
 $d_r < 0.0050 h$

dove:

d_r: spostamento relativo tra due impalcati consecutivi;
 h: altezza dell'impalcato;

Si riportano, quindi, i risultati della verifica:

Impalcati : impalcati relativi al piano reale considerato;
 drx : traslazione relativa X globale del piano considerato;
 dry : traslazione relativa Y globale del piano considerato;
 h : altezza del piano considerato;
 dlim : spostamento limite da normativa;
 Esito : esito della verifica;

Tabella 20.III

Piano Reale	Impalcati	drx [cm]	dry [cm]	h [cm]	dlim [cm]	Esito
1	0 - 1	0.1000	0.2055	346.88	1.73	Verificato
2	1 - 2	0.1504	0.4076	353.00	1.76	Verificato
3	2 - 3	0.1422	0.3536	353.00	1.76	Verificato
4	3 - 4	0.0668	0.0760	358.61	1.79	Verificato

L'indicatore di rischio è dato dalla PGA (SLD) della struttura diviso per la PGA di riferimento.

$PGA_{SLD} = 0.1505$

$PGA_{Rif,SLD} = 0.1505$

Indicatore di rischio = 1.0000

La verifica all'SLD risulta soddisfatta.

1.3 Verifica Stati Limite SLO - PGA SLO = 0.1185 g.

1.3.1 Cinematismi Nodali SLO.

Tabella 21.I

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
1	CC1	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	4.89E-8
	CC2	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	4.89E-8
	CC3	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	4.89E-8
	CC4	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	4.24E-8
	CC5	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	4.24E-8
	CC6	0.0000	0.0000	-0.1117	0.00E+0	0.00E+0	-9.44E-7
	CC7	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-8.15E-7
	CC8	0.0000	0.0000	-0.1289	0.00E+0	0.00E+0	-9.31E-7
	CC9	0.0000	0.0000	-0.1264	0.00E+0	0.00E+0	-8.02E-7

	CC10	0.0000	0.0000	-0.0601	0.00E+0	0.00E+0	8.83E-7
	CC11	0.0000	0.0000	-0.0576	0.00E+0	0.00E+0	1.01E-6
	CC12	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	8.95E-7
	CC13	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	1.02E-6
	CC14	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-4.68E-7
	CC15	0.0000	0.0000	-0.0681	0.00E+0	0.00E+0	-4.11E-8
	CC16	0.0000	0.0000	-0.0609	0.00E+0	0.00E+0	7.99E-8
	CC17	0.0000	0.0000	-0.0527	0.00E+0	0.00E+0	5.07E-7
	CC18	0.0000	0.0000	-0.1338	0.00E+0	0.00E+0	-4.26E-7
	CC19	0.0000	0.0000	-0.1255	0.00E+0	0.00E+0	5.99E-1
	CC20	0.0000	0.0000	-0.1183	0.00E+0	0.00E+0	1.22E-7
	CC21	0.0000	0.0000	-0.1100	0.00E+0	0.00E+0	5.49E-7
2	CC1	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.86E-9
	CC2	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.86E-9
	CC3	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.86E-9
	CC4	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	1.74E-9
	CC5	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	1.74E-9
	CC6	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	-3.94E-7
	CC7	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-3.41E-7
	CC8	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	-5.28E-7
	CC9	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	-4.75E-7
	CC10	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	4.79E-7
	CC11	0.0000	0.0000	-0.0905	0.00E+0	0.00E+0	5.31E-7
	CC12	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	3.44E-7
	CC13	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	3.97E-7
	CC14	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	7.43E-9
	CC15	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	1.82E-7
	CC16	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	2.69E-7
	CC17	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	4.44E-7
	CC18	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	-4.40E-7
	CC19	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-2.66E-7
	CC20	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	-1.79E-7
	CC21	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-4.04E-9
3	CC1	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	4.41E-9
	CC2	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	4.41E-9
	CC3	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	4.41E-9
	CC4	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	4.28E-9
	CC5	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	4.28E-9
	CC6	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	-3.87E-7
	CC7	0.0000	0.0000	-0.0718	0.00E+0	0.00E+0	-3.34E-7
	CC8	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	-5.18E-7
	CC9	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	-4.65E-7
	CC10	0.0000	0.0000	-0.0987	0.00E+0	0.00E+0	4.74E-7
	CC11	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	5.26E-7
	CC12	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	3.43E-7
	CC13	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	3.95E-7
	CC14	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	7.16E-9
	CC15	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	1.80E-7
	CC16	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	2.65E-7
	CC17	0.0000	0.0000	-0.0998	0.00E+0	0.00E+0	4.38E-7
	CC18	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	-4.30E-7
	CC19	0.0000	0.0000	-0.0702	0.00E+0	0.00E+0	-2.57E-7
	CC20	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	-1.72E-7
	CC21	0.0000	0.0000	-0.0788	0.00E+0	0.00E+0	1.32E-9
4	CC1	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-1.28E-8
	CC2	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-1.28E-8
	CC3	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-1.28E-8
	CC4	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.15E-8
	CC5	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.15E-8
	CC6	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	3.93E-8
	CC7	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	3.26E-8
	CC8	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	3.82E-8
	CC9	0.0000	0.0000	-0.0922	0.00E+0	0.00E+0	3.15E-8
	CC10	0.0000	0.0000	-0.0719	0.00E+0	0.00E+0	-5.37E-8
	CC11	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	-6.05E-8
	CC12	0.0000	0.0000	-0.0769	0.00E+0	0.00E+0	-5.49E-8
	CC13	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	-6.16E-8
	CC14	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	1.59E-8
	CC15	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	-6.39E-9
	CC16	0.0000	0.0000	-0.0726	0.00E+0	0.00E+0	-1.21E-8
	CC17	0.0000	0.0000	-0.0703	0.00E+0	0.00E+0	-3.43E-8
	CC18	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	1.20E-8

	CC19	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	-1.02E-8
	CC20	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	-1.59E-8
	CC21	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	-3.81E-8
5	CC1	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.94E-9
	CC2	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.94E-9
	CC3	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.94E-9
	CC4	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	3.62E-9
	CC5	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	3.62E-9
	CC6	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	-3.06E-8
	CC7	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	-2.64E-8
	CC8	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-2.02E-8
	CC9	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	-1.60E-8
	CC10	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	2.30E-8
	CC11	0.0000	0.0000	-0.0774	0.00E+0	0.00E+0	2.72E-8
	CC12	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	3.34E-8
	CC13	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	3.76E-8
	CC14	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	-2.88E-8
	CC15	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	-1.49E-8
	CC16	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	-1.27E-8
	CC17	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.22E-9
	CC18	0.0000	0.0000	-0.0780	0.00E+0	0.00E+0	5.81E-9
	CC19	0.0000	0.0000	-0.0777	0.00E+0	0.00E+0	1.98E-8
	CC20	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	2.19E-8
	CC21	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	3.58E-8
6	CC1	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.44E-9
	CC2	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.44E-9
	CC3	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.44E-9
	CC4	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	3.20E-9
	CC5	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	3.20E-9
	CC6	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	-2.80E-8
	CC7	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	-2.45E-8
	CC8	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	-9.23E-9
	CC9	0.0000	0.0000	-0.0734	0.00E+0	0.00E+0	-5.74E-9
	CC10	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	1.20E-8
	CC11	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	1.55E-8
	CC12	0.0000	0.0000	-0.0819	0.00E+0	0.00E+0	3.08E-8
	CC13	0.0000	0.0000	-0.0824	0.00E+0	0.00E+0	3.43E-8
	CC14	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-4.00E-8
	CC15	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-2.85E-8
	CC16	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-2.80E-8
	CC17	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	-1.64E-8
	CC18	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	2.27E-8
	CC19	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	3.42E-8
	CC20	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	3.47E-8
	CC21	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	4.62E-8
7	CC1	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.44E-9
	CC2	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.44E-9
	CC3	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.44E-9
	CC4	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	-4.20E-9
	CC5	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	-4.20E-9
	CC6	0.0000	0.0000	-0.0815	0.00E+0	0.00E+0	-8.20E-8
	CC7	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-7.15E-8
	CC8	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-8.46E-8
	CC9	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-7.42E-8
	CC10	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	6.59E-8
	CC11	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	7.64E-8
	CC12	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	6.33E-8
	CC13	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	7.37E-8
	CC14	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	-3.92E-8
	CC15	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	-4.58E-9
	CC16	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	5.15E-9
	CC17	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	3.98E-8
	CC18	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	-4.80E-8
	CC19	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-1.34E-8
	CC20	0.0000	0.0000	-0.0871	0.00E+0	0.00E+0	-3.67E-9
	CC21	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	3.10E-8
8	CC1	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	5.46E-9
	CC2	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	5.46E-9
	CC3	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	5.46E-9
	CC4	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	5.14E-9
	CC5	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	5.14E-9
	CC6	0.0000	0.0000	-0.0781	0.00E+0	0.00E+0	-2.97E-8

	CC7	0.0000	0.0000	-0.0781	0.00E+0	0.00E+0	-2.51E-8
	CC8	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-3.08E-8
	CC9	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-2.62E-8
	CC10	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	3.62E-8
	CC11	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	4.09E-8
	CC12	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	3.52E-8
	CC13	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	3.98E-8
	CC14	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	-1.07E-8
	CC15	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	4.58E-9
	CC16	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	9.04E-9
	CC17	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	2.44E-8
	CC18	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	-1.43E-8
	CC19	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	1.01E-9
	CC20	0.0000	0.0000	-0.0790	0.00E+0	0.00E+0	5.48E-9
	CC21	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	2.08E-8
9	CC1	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	3.89E-1
	CC2	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	3.89E-1
	CC3	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	3.89E-1
	CC4	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	1.00E-1
	CC5	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	1.00E-1
	CC6	0.0000	0.0000	-0.0769	0.00E+0	0.00E+0	-7.68E-8
	CC7	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-6.68E-8
	CC8	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-8.33E-8
	CC9	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	-7.32E-8
	CC10	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	7.32E-8
	CC11	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	8.33E-8
	CC12	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	6.68E-8
	CC13	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	7.69E-8
	CC14	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	-2.84E-8
	CC15	0.0000	0.0000	-0.0815	0.00E+0	0.00E+0	4.80E-9
	CC16	0.0000	0.0000	-0.0824	0.00E+0	0.00E+0	1.66E-8
	CC17	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	4.98E-8
	CC18	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-4.98E-8
	CC19	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	-1.66E-8
	CC20	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-4.80E-9
	CC21	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	2.84E-8
10	CC1	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-5.14E-9
	CC2	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-5.14E-9
	CC3	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-5.14E-9
	CC4	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-5.03E-9
	CC5	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-5.03E-9
	CC6	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-6.80E-8
	CC7	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	-5.99E-8
	CC8	0.0000	0.0000	-0.0774	0.00E+0	0.00E+0	-6.83E-8
	CC9	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	-6.01E-8
	CC10	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	5.01E-8
	CC11	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	5.83E-8
	CC12	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	4.99E-8
	CC13	0.0000	0.0000	-0.0824	0.00E+0	0.00E+0	5.80E-8
	CC14	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	-3.58E-8
	CC15	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	-8.79E-9
	CC16	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	-3.24E-1
	CC17	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	2.67E-8
	CC18	0.0000	0.0000	-0.0819	0.00E+0	0.00E+0	-3.67E-8
	CC19	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	-9.66E-9
	CC20	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-1.20E-9
	CC21	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	2.58E-8
11	CC1	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	4.02E-9
	CC2	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	4.02E-9
	CC3	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	4.02E-9
	CC4	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	3.59E-9
	CC5	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	3.59E-9
	CC6	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-4.47E-8
	CC7	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-3.81E-8
	CC8	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	-5.51E-8
	CC9	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	-4.85E-8
	CC10	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	5.54E-8
	CC11	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	6.20E-8
	CC12	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	4.50E-8
	CC13	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	5.16E-8
	CC14	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-5.08E-9
	CC15	0.0000	0.0000	-0.0765	0.00E+0	0.00E+0	1.68E-8

	CC16	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	2.50E-8
	CC17	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	4.68E-8
	CC18	0.0000	0.0000	-0.0819	0.00E+0	0.00E+0	-3.99E-8
	CC19	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.81E-8
	CC20	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	-9.88E-9
	CC21	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	1.20E-8
12	CC1	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	6.83E-1
	CC2	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	6.83E-1
	CC3	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	6.83E-1
	CC4	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	1.81E-9
	CC5	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	1.81E-9
	CC6	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-5.90E-8
	CC7	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	-5.49E-8
	CC8	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	-2.67E-8
	CC9	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	-2.26E-8
	CC10	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	2.70E-8
	CC11	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	3.10E-8
	CC12	0.0000	0.0000	-0.0837	0.00E+0	0.00E+0	5.93E-8
	CC13	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	6.34E-8
	CC14	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-7.13E-8
	CC15	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	-5.78E-8
	CC16	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	-4.55E-8
	CC17	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	-3.20E-8
	CC18	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	3.64E-8
	CC19	0.0000	0.0000	-0.0741	0.00E+0	0.00E+0	4.99E-8
	CC20	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	6.22E-8
	CC21	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	7.57E-8
13	CC1	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.20E-9
	CC2	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.20E-9
	CC3	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-1.20E-9
	CC4	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-9.37E-1
	CC5	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-9.37E-1
	CC6	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	-4.18E-8
	CC7	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-3.65E-8
	CC8	0.0000	0.0000	-0.0743	0.00E+0	0.00E+0	-4.57E-8
	CC9	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	-4.04E-8
	CC10	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	3.87E-8
	CC11	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	4.40E-8
	CC12	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	3.48E-8
	CC13	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	4.01E-8
	CC14	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	-1.53E-8
	CC15	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	2.37E-9
	CC16	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	8.86E-9
	CC17	0.0000	0.0000	-0.0837	0.00E+0	0.00E+0	2.65E-8
	CC18	0.0000	0.0000	-0.0713	0.00E+0	0.00E+0	-2.82E-8
	CC19	0.0000	0.0000	-0.0710	0.00E+0	0.00E+0	-1.06E-8
	CC20	0.0000	0.0000	-0.0721	0.00E+0	0.00E+0	-4.07E-9
	CC21	0.0000	0.0000	-0.0719	0.00E+0	0.00E+0	1.36E-8
14	CC1	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	7.01E-9
	CC2	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	7.01E-9
	CC3	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	7.01E-9
	CC4	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	5.27E-9
	CC5	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	5.27E-9
	CC6	0.0000	0.0000	-0.0706	0.00E+0	0.00E+0	1.64E-7
	CC7	0.0000	0.0000	-0.0708	0.00E+0	0.00E+0	1.69E-7
	CC8	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	1.49E-7
	CC9	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	1.54E-7
	CC10	0.0000	0.0000	-0.0916	0.00E+0	0.00E+0	-1.45E-7
	CC11	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	-1.40E-7
	CC12	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-1.60E-7
	CC13	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	-1.55E-7
	CC14	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	6.79E-8
	CC15	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	8.41E-8
	CC16	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	-2.48E-8
	CC17	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-8.61E-9
	CC18	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	1.80E-8
	CC19	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	3.42E-8
	CC20	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	-7.47E-8
	CC21	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	-5.85E-8
15	CC1	0.0000	0.0000	-0.0870	9.39E-6	-9.17E-6	3.56E-9
	CC2	0.0000	0.0000	-0.0870	9.39E-6	-9.17E-6	3.56E-9
	CC3	0.0000	0.0000	-0.0870	9.39E-6	-9.17E-6	3.56E-9

	CC4	0.0000	0.0000	-0.0839	1.04E-5	-9.75E-6	1.04E-9
	CC5	0.0000	0.0000	-0.0839	1.04E-5	-9.75E-6	1.04E-9
	CC6	0.0001	0.0000	-0.0752	2.66E-5	6.95E-6	2.46E-7
	CC7	0.0001	0.0000	-0.0755	2.70E-5	7.58E-6	2.54E-7
	CC8	0.0001	-0.0001	-0.0735	1.50E-5	-1.83E-6	2.27E-7
	CC9	0.0001	-0.0001	-0.0737	1.55E-5	-1.19E-6	2.35E-7
	CC10	-0.0001	0.0001	-0.0921	6.13E-6	-1.87E-5	-2.34E-7
	CC11	-0.0001	0.0001	-0.0923	6.57E-6	-1.81E-5	-2.26E-7
	CC12	-0.0001	0.0000	-0.0903	-5.44E-6	-2.75E-5	-2.53E-7
	CC13	-0.0001	0.0000	-0.0906	-5.01E-6	-2.68E-5	-2.45E-7
	CC14	0.0001	0.0000	-0.0829	3.24E-5	7.47E-6	9.10E-8
	CC15	0.0001	0.0000	-0.0837	3.39E-5	9.58E-6	1.17E-7
	CC16	0.0000	0.0001	-0.0879	2.63E-5	-2.19E-7	-5.31E-8
	CC17	0.0000	0.0001	-0.0887	2.77E-5	1.89E-6	-2.71E-8
	CC18	0.0000	-0.0001	-0.0771	-6.15E-6	-2.18E-5	2.75E-8
	CC19	0.0000	-0.0001	-0.0779	-4.71E-6	-1.97E-5	5.35E-8
	CC20	-0.0001	0.0000	-0.0821	-1.23E-5	-2.95E-5	-1.17E-7
	CC21	-0.0001	0.0000	-0.0829	-1.08E-5	-2.74E-5	-9.06E-8
16	CC1	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.16E-1
	CC2	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.16E-1
	CC3	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.16E-1
	CC4	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	9.77E-11
	CC5	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	9.77E-11
	CC6	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-3.46E-8
	CC7	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-3.02E-8
	CC8	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	-3.50E-8
	CC9	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	-3.06E-8
	CC10	0.0000	0.0000	-0.0780	0.00E+0	0.00E+0	3.07E-8
	CC11	0.0000	0.0000	-0.0780	0.00E+0	0.00E+0	3.52E-8
	CC12	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	3.04E-8
	CC13	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	3.48E-8
	CC14	0.0000	0.0000	-0.0728	0.00E+0	0.00E+0	-1.65E-8
	CC15	0.0000	0.0000	-0.0726	0.00E+0	0.00E+0	-1.67E-9
	CC16	0.0000	0.0000	-0.0734	0.00E+0	0.00E+0	3.15E-9
	CC17	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	1.79E-8
	CC18	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-1.78E-8
	CC19	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-2.97E-9
	CC20	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	1.86E-9
	CC21	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	1.66E-8
17	CC1	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	3.66E-9
	CC2	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	3.66E-9
	CC3	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	3.66E-9
	CC4	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	3.54E-9
	CC5	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	3.54E-9
	CC6	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	-5.80E-8
	CC7	0.0000	0.0000	-0.0796	0.00E+0	0.00E+0	-5.03E-8
	CC8	0.0000	0.0000	-0.0821	0.00E+0	0.00E+0	-4.37E-8
	CC9	0.0000	0.0000	-0.0822	0.00E+0	0.00E+0	-3.60E-8
	CC10	0.0000	0.0000	-0.1061	0.00E+0	0.00E+0	4.30E-8
	CC11	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	5.07E-8
	CC12	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	5.73E-8
	CC13	0.0000	0.0000	-0.1089	0.00E+0	0.00E+0	6.50E-8
	CC14	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	-4.81E-8
	CC15	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-2.27E-8
	CC16	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-1.78E-8
	CC17	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	7.58E-9
	CC18	0.0000	0.0000	-0.0943	0.00E+0	0.00E+0	-5.75E-1
	CC19	0.0000	0.0000	-0.0948	0.00E+0	0.00E+0	2.48E-8
	CC20	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	2.97E-8
	CC21	0.0000	0.0000	-0.1028	0.00E+0	0.00E+0	5.51E-8
18	CC1	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	5.65E-9
	CC2	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	5.65E-9
	CC3	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	5.65E-9
	CC4	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	4.57E-9
	CC5	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	4.57E-9
	CC6	0.0000	0.0000	-0.0720	0.00E+0	0.00E+0	-8.57E-8
	CC7	0.0000	0.0000	-0.0720	0.00E+0	0.00E+0	-7.34E-8
	CC8	0.0000	0.0000	-0.0741	0.00E+0	0.00E+0	-1.18E-7
	CC9	0.0000	0.0000	-0.0741	0.00E+0	0.00E+0	-1.06E-7
	CC10	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	1.14E-7
	CC11	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	1.26E-7
	CC12	0.0000	0.0000	-0.1024	0.00E+0	0.00E+0	8.18E-8

	CC13	0.0000	0.0000	-0.1024	0.00E+0	0.00E+0	9.41E-8
	CC14	0.0000	0.0000	-0.0793	0.00E+0	0.00E+0	7.55E-9
	CC15	0.0000	0.0000	-0.0793	0.00E+0	0.00E+0	4.83E-8
	CC16	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	6.75E-8
	CC17	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	1.08E-7
	CC18	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-9.98E-8
	CC19	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-5.90E-8
	CC20	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	-3.98E-8
	CC21	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	8.83E-1
19	CC1	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.03E-9
	CC2	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.03E-9
	CC3	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.03E-9
	CC4	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-1.92E-9
	CC5	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-1.92E-9
	CC6	0.0000	0.0000	-0.0782	0.00E+0	0.00E+0	-3.32E-8
	CC7	0.0000	0.0000	-0.0782	0.00E+0	0.00E+0	-2.89E-8
	CC8	0.0000	0.0000	-0.0805	0.00E+0	0.00E+0	-3.52E-8
	CC9	0.0000	0.0000	-0.0805	0.00E+0	0.00E+0	-3.09E-8
	CC10	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	2.72E-8
	CC11	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	3.15E-8
	CC12	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	2.51E-8
	CC13	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	2.94E-8
	CC14	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-1.46E-8
	CC15	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-4.09E-1
	CC16	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	3.47E-9
	CC17	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	1.77E-8
	CC18	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-2.15E-8
	CC19	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-7.23E-9
	CC20	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	-3.35E-9
	CC21	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	1.09E-8
20	CC1	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.09E-1
	CC2	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.09E-1
	CC3	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-1.09E-1
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-1.52E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-1.52E-1
	CC6	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	-4.16E-8
	CC7	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	-3.59E-8
	CC8	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	-5.20E-8
	CC9	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	-4.63E-8
	CC10	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	4.60E-8
	CC11	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	5.17E-8
	CC12	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	3.56E-8
	CC13	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	4.13E-8
	CC14	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-5.42E-9
	CC15	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	1.35E-8
	CC16	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	2.09E-8
	CC17	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	3.97E-8
	CC18	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	-4.01E-8
	CC19	0.0000	0.0000	-0.0965	0.00E+0	0.00E+0	-2.12E-8
	CC20	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	-1.38E-8
	CC21	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	5.09E-9
21	CC1	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	3.95E-9
	CC2	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	3.95E-9
	CC3	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	3.95E-9
	CC4	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	3.75E-9
	CC5	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	3.75E-9
	CC6	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	-6.56E-8
	CC7	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-5.65E-8
	CC8	0.0000	0.0000	-0.0747	0.00E+0	0.00E+0	-7.24E-8
	CC9	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	-6.33E-8
	CC10	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	7.07E-8
	CC11	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	7.98E-8
	CC12	0.0000	0.0000	-0.0960	0.00E+0	0.00E+0	6.39E-8
	CC13	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	7.30E-8
	CC14	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	-2.05E-8
	CC15	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	9.69E-9
	CC16	0.0000	0.0000	-0.0913	0.00E+0	0.00E+0	2.04E-8
	CC17	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	5.06E-8
	CC18	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-4.32E-8
	CC19	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	-1.30E-8
	CC20	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-2.31E-9
	CC21	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	2.79E-8

22	CC1	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.47E-9
	CC2	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.47E-9
	CC3	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.47E-9
	CC4	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-1.50E-9
	CC5	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-1.50E-9
	CC6	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-4.09E-8
	CC7	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	-3.56E-8
	CC8	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-4.27E-8
	CC9	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-3.74E-8
	CC10	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	3.44E-8
	CC11	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	3.97E-8
	CC12	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	3.26E-8
	CC13	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	3.79E-8
	CC14	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	-1.85E-8
	CC15	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	-9.19E-1
	CC16	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	4.08E-9
	CC17	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	2.17E-8
	CC18	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	-2.47E-8
	CC19	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	-7.10E-9
	CC20	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	-2.10E-9
	CC21	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	1.55E-8
23	CC1	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	-4.96E-9
	CC2	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	-4.96E-9
	CC3	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	-4.96E-9
	CC4	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-4.84E-9
	CC5	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-4.84E-9
	CC6	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	-8.51E-8
	CC7	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	-7.43E-8
	CC8	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-9.66E-8
	CC9	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	-8.58E-8
	CC10	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	7.62E-8
	CC11	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	8.69E-8
	CC12	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	6.47E-8
	CC13	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	7.55E-8
	CC14	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	-2.76E-8
	CC15	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	7.90E-9
	CC16	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	2.07E-8
	CC17	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	5.63E-8
	CC18	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-6.59E-8
	CC19	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-3.04E-8
	CC20	0.0000	0.0000	-0.0979	0.00E+0	0.00E+0	-1.75E-8
	CC21	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	1.80E-8
24	CC1	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-1.39E-9
	CC2	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-1.39E-9
	CC3	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-1.39E-9
	CC4	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.41E-9
	CC5	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.41E-9
	CC6	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	-4.67E-8
	CC7	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-4.07E-8
	CC8	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	-4.79E-8
	CC9	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-4.20E-8
	CC10	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	3.91E-8
	CC11	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	4.51E-8
	CC12	0.0000	0.0000	-0.0906	0.00E+0	0.00E+0	3.79E-8
	CC13	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	4.39E-8
	CC14	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-2.21E-8
	CC15	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	-2.42E-9
	CC16	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	3.61E-9
	CC17	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	2.33E-8
	CC18	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	-2.62E-8
	CC19	0.0000	0.0000	-0.0857	0.00E+0	0.00E+0	-6.44E-9
	CC20	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	-4.07E-1
	CC21	0.0000	0.0000	-0.0879	0.00E+0	0.00E+0	1.93E-8
25	CC1	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-9.42E-9
	CC2	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-9.42E-9
	CC3	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-9.42E-9
	CC4	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-8.67E-9
	CC5	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-8.67E-9
	CC6	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	-9.86E-8
	CC7	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	-8.72E-8
	CC8	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	-9.16E-8
	CC9	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-8.02E-8

	CC10	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	6.34E-8
	CC11	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	7.48E-8
	CC12	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	7.04E-8
	CC13	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	8.18E-8
	CC14	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	-6.32E-8
	CC15	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	-2.55E-8
	CC16	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-1.46E-8
	CC17	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	2.31E-8
	CC18	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	-3.99E-8
	CC19	0.0000	0.0000	-0.1038	0.00E+0	0.00E+0	-2.19E-9
	CC20	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	8.64E-9
	CC21	0.0000	0.0000	-0.1053	0.00E+0	0.00E+0	4.64E-8
26	CC1	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	3.79E-9
	CC2	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	3.79E-9
	CC3	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	3.79E-9
	CC4	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	3.52E-9
	CC5	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	3.52E-9
	CC6	0.0000	0.0000	-0.0960	0.00E+0	0.00E+0	1.71E-8
	CC7	0.0000	0.0000	-0.0959	0.00E+0	0.00E+0	1.54E-8
	CC8	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	1.25E-8
	CC9	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	1.08E-8
	CC10	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	-3.99E-9
	CC11	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	-5.69E-9
	CC12	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-8.57E-9
	CC13	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-1.03E-8
	CC14	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	1.70E-8
	CC15	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	1.14E-8
	CC16	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	1.07E-8
	CC17	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	5.08E-9
	CC18	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	1.77E-9
	CC19	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	-3.86E-9
	CC20	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	-4.56E-9
	CC21	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	-1.02E-8
27	CC1	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.13E-9
	CC2	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.13E-9
	CC3	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.13E-9
	CC4	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	1.09E-9
	CC5	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	1.09E-9
	CC6	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	1.11E-8
	CC7	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	1.19E-8
	CC8	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	5.33E-9
	CC9	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	6.15E-9
	CC10	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-4.01E-9
	CC11	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-3.19E-9
	CC12	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-9.73E-9
	CC13	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-8.92E-9
	CC14	0.0000	0.0000	-0.0913	0.00E+0	0.00E+0	1.15E-8
	CC15	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	1.42E-8
	CC16	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	7.00E-9
	CC17	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	9.70E-9
	CC18	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	-7.56E-9
	CC19	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	-4.86E-9
	CC20	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	-1.21E-8
	CC21	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	-9.38E-9
28	CC1	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-9.86E-11
	CC2	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-9.86E-11
	CC3	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-9.86E-11
	CC4	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-9.88E-11
	CC5	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-9.88E-11
	CC6	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	1.07E-9
	CC7	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	1.89E-9
	CC8	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	6.64E-9
	CC9	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	7.46E-9
	CC10	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-7.66E-9
	CC11	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-6.84E-9
	CC12	0.0000	0.0000	-0.0805	0.00E+0	0.00E+0	-2.09E-9
	CC13	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	-1.27E-9
	CC14	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	-9.43E-9
	CC15	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-6.72E-9
	CC16	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	-1.21E-8
	CC17	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	-9.34E-9
	CC18	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	9.14E-9

	CC19	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	1.19E-8
	CC20	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	6.52E-9
	CC21	0.0000	0.0000	-0.0744	0.00E+0	0.00E+0	9.24E-9
29	CC1	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	1.49E-8
	CC2	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	1.49E-8
	CC3	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	1.49E-8
	CC4	0.0000	0.0000	-0.1044	0.00E+0	0.00E+0	1.41E-8
	CC5	0.0000	0.0000	-0.1044	0.00E+0	0.00E+0	1.41E-8
	CC6	0.0000	0.0000	-0.1041	0.00E+0	0.00E+0	-1.14E-8
	CC7	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	-7.69E-9
	CC8	0.0000	0.0000	-0.1137	0.00E+0	0.00E+0	-3.12E-8
	CC9	0.0000	0.0000	-0.1141	0.00E+0	0.00E+0	-2.75E-8
	CC10	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	5.51E-8
	CC11	0.0000	0.0000	-0.0922	0.00E+0	0.00E+0	5.88E-8
	CC12	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	3.53E-8
	CC13	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	3.90E-8
	CC14	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	3.07E-8
	CC15	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	4.30E-8
	CC16	0.0000	0.0000	-0.0843	0.00E+0	0.00E+0	5.07E-8
	CC17	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	6.29E-8
	CC18	0.0000	0.0000	-0.1201	0.00E+0	0.00E+0	-3.53E-8
	CC19	0.0000	0.0000	-0.1216	0.00E+0	0.00E+0	-2.31E-8
	CC20	0.0000	0.0000	-0.1164	0.00E+0	0.00E+0	-1.54E-8
	CC21	0.0000	0.0000	-0.1179	0.00E+0	0.00E+0	-3.12E-9
30	CC1	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	1.09E-8
	CC2	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	1.09E-8
	CC3	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	1.09E-8
	CC4	0.0000	0.0000	-0.1056	0.00E+0	0.00E+0	1.04E-8
	CC5	0.0000	0.0000	-0.1056	0.00E+0	0.00E+0	1.04E-8
	CC6	0.0000	0.0000	-0.1076	0.00E+0	0.00E+0	-4.94E-7
	CC7	0.0000	0.0000	-0.1079	0.00E+0	0.00E+0	-4.30E-7
	CC8	0.0000	0.0000	-0.1118	0.00E+0	0.00E+0	-4.34E-7
	CC9	0.0000	0.0000	-0.1121	0.00E+0	0.00E+0	-3.70E-7
	CC10	0.0000	0.0000	-0.0965	0.00E+0	0.00E+0	3.90E-7
	CC11	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	4.54E-7
	CC12	0.0000	0.0000	-0.1007	0.00E+0	0.00E+0	4.50E-7
	CC13	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	5.14E-7
	CC14	0.0000	0.0000	-0.0984	0.00E+0	0.00E+0	-3.29E-7
	CC15	0.0000	0.0000	-0.0995	0.00E+0	0.00E+0	-1.16E-7
	CC16	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	-6.39E-8
	CC17	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	1.49E-7
	CC18	0.0000	0.0000	-0.1124	0.00E+0	0.00E+0	-1.29E-7
	CC19	0.0000	0.0000	-0.1135	0.00E+0	0.00E+0	8.44E-8
	CC20	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	1.36E-7
	CC21	0.0000	0.0000	-0.1102	0.00E+0	0.00E+0	3.50E-7
31	CC1	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-2.64E-9
	CC2	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-2.64E-9
	CC3	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-2.64E-9
	CC4	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	-2.71E-9
	CC5	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	-2.71E-9
	CC6	0.0000	0.0000	-0.1031	0.00E+0	0.00E+0	5.24E-8
	CC7	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	4.59E-8
	CC8	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	2.67E-8
	CC9	0.0000	0.0000	-0.1007	0.00E+0	0.00E+0	2.02E-8
	CC10	0.0000	0.0000	-0.0927	0.00E+0	0.00E+0	-2.57E-8
	CC11	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	-3.22E-8
	CC12	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-5.13E-8
	CC13	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-5.79E-8
	CC14	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	6.26E-8
	CC15	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	4.10E-8
	CC16	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	3.91E-8
	CC17	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	1.75E-8
	CC18	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	-2.30E-8
	CC19	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	-4.46E-8
	CC20	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	-4.64E-8
	CC21	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	-6.80E-8
32	CC1	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	1.47E-9
	CC2	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	1.47E-9
	CC3	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	1.47E-9
	CC4	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	1.41E-9
	CC5	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	1.41E-9
	CC6	0.0000	0.0000	-0.1122	0.00E+0	0.00E+0	-3.60E-8

	CC7	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	-3.14E-8
	CC8	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	-2.65E-8
	CC9	0.0000	0.0000	-0.0998	0.00E+0	0.00E+0	-2.19E-8
	CC10	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	2.46E-8
	CC11	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	2.93E-8
	CC12	0.0000	0.0000	-0.0837	0.00E+0	0.00E+0	3.41E-8
	CC13	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.88E-8
	CC14	0.0000	0.0000	-0.1209	0.00E+0	0.00E+0	-3.13E-8
	CC15	0.0000	0.0000	-0.1179	0.00E+0	0.00E+0	-1.58E-8
	CC16	0.0000	0.0000	-0.1158	0.00E+0	0.00E+0	-1.31E-8
	CC17	0.0000	0.0000	-0.1128	0.00E+0	0.00E+0	2.36E-9
	CC18	0.0000	0.0000	-0.0822	0.00E+0	0.00E+0	4.14E-1
	CC19	0.0000	0.0000	-0.0793	0.00E+0	0.00E+0	1.58E-8
	CC20	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	1.86E-8
	CC21	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	3.40E-8
33	CC1	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	-3.24E-8
	CC2	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	-3.24E-8
	CC3	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	-3.24E-8
	CC4	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	-3.11E-8
	CC5	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	-3.11E-8
	CC6	0.0000	0.0000	-0.1053	0.00E+0	0.00E+0	3.51E-8
	CC7	0.0000	0.0000	-0.1061	0.00E+0	0.00E+0	2.70E-8
	CC8	0.0000	0.0000	-0.1162	0.00E+0	0.00E+0	1.25E-8
	CC9	0.0000	0.0000	-0.1170	0.00E+0	0.00E+0	4.42E-9
	CC10	0.0000	0.0000	-0.0902	0.00E+0	0.00E+0	-6.58E-8
	CC11	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	-7.39E-8
	CC12	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-8.84E-8
	CC13	0.0000	0.0000	-0.1018	0.00E+0	0.00E+0	-9.65E-8
	CC14	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	3.55E-8
	CC15	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	8.69E-9
	CC16	0.0000	0.0000	-0.0819	0.00E+0	0.00E+0	5.25E-9
	CC17	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	-2.16E-8
	CC18	0.0000	0.0000	-0.1228	0.00E+0	0.00E+0	-3.98E-8
	CC19	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	-6.66E-8
	CC20	0.0000	0.0000	-0.1183	0.00E+0	0.00E+0	-7.01E-8
	CC21	0.0000	0.0000	-0.1208	0.00E+0	0.00E+0	-9.69E-8
34	CC1	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	5.61E-9
	CC2	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	5.61E-9
	CC3	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	5.61E-9
	CC4	0.0000	0.0000	-0.0993	0.00E+0	0.00E+0	5.11E-9
	CC5	0.0000	0.0000	-0.0993	0.00E+0	0.00E+0	5.11E-9
	CC6	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	6.56E-8
	CC7	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	5.82E-8
	CC8	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	3.77E-8
	CC9	0.0000	0.0000	-0.1050	0.00E+0	0.00E+0	3.03E-8
	CC10	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	-2.04E-8
	CC11	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	-2.78E-8
	CC12	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	-4.83E-8
	CC13	0.0000	0.0000	-0.0952	0.00E+0	0.00E+0	-5.57E-8
	CC14	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	7.66E-8
	CC15	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	5.21E-8
	CC16	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	5.07E-8
	CC17	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	2.63E-8
	CC18	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	-1.64E-8
	CC19	0.0000	0.0000	-0.1061	0.00E+0	0.00E+0	-4.08E-8
	CC20	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	-4.22E-8
	CC21	0.0000	0.0000	-0.1032	0.00E+0	0.00E+0	-6.67E-8
35	CC1	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	-2.25E-9
	CC2	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	-2.25E-9
	CC3	0.0000	0.0000	-0.1045	0.00E+0	0.00E+0	-2.25E-9
	CC4	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	-2.00E-9
	CC5	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	-2.00E-9
	CC6	0.0000	0.0000	-0.1065	0.00E+0	0.00E+0	-1.82E-7
	CC7	0.0000	0.0000	-0.1066	0.00E+0	0.00E+0	-1.59E-7
	CC8	0.0000	0.0000	-0.1057	0.00E+0	0.00E+0	-1.53E-7
	CC9	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	-1.30E-7
	CC10	0.0000	0.0000	-0.0949	0.00E+0	0.00E+0	1.26E-7
	CC11	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	1.49E-7
	CC12	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	1.55E-7
	CC13	0.0000	0.0000	-0.0943	0.00E+0	0.00E+0	1.78E-7
	CC14	0.0000	0.0000	-0.1031	0.00E+0	0.00E+0	-1.34E-7
	CC15	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	-5.88E-8

	CC16	0.0000	0.0000	-0.0997	0.00E+0	0.00E+0	-4.20E-8
	CC17	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	3.37E-8
	CC18	0.0000	0.0000	-0.1007	0.00E+0	0.00E+0	-3.76E-8
	CC19	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	3.81E-8
	CC20	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	5.49E-8
	CC21	0.0000	0.0000	-0.0977	0.00E+0	0.00E+0	1.31E-7
36	CC1	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-1.54E-9
	CC2	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-1.54E-9
	CC3	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	-1.54E-9
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-1.45E-9
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-1.45E-9
	CC6	0.0000	0.0000	-0.1154	0.00E+0	0.00E+0	-1.78E-8
	CC7	0.0000	0.0000	-0.1146	0.00E+0	0.00E+0	-1.56E-8
	CC8	0.0000	0.0000	-0.1040	0.00E+0	0.00E+0	-2.33E-8
	CC9	0.0000	0.0000	-0.1032	0.00E+0	0.00E+0	-2.10E-8
	CC10	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	1.82E-8
	CC11	0.0000	0.0000	-0.0916	0.00E+0	0.00E+0	2.04E-8
	CC12	0.0000	0.0000	-0.0810	0.00E+0	0.00E+0	1.28E-8
	CC13	0.0000	0.0000	-0.0802	0.00E+0	0.00E+0	1.50E-8
	CC14	0.0000	0.0000	-0.1217	0.00E+0	0.00E+0	-1.40E-9
	CC15	0.0000	0.0000	-0.1189	0.00E+0	0.00E+0	5.90E-9
	CC16	0.0000	0.0000	-0.1148	0.00E+0	0.00E+0	9.41E-9
	CC17	0.0000	0.0000	-0.1120	0.00E+0	0.00E+0	1.67E-8
	CC18	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	-1.95E-8
	CC19	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	-1.22E-8
	CC20	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	-8.74E-9
	CC21	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	-1.44E-9
37	CC1	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	-1.07E-9
	CC2	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	-1.07E-9
	CC3	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	-1.07E-9
	CC4	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	-1.03E-9
	CC5	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	-1.03E-9
	CC6	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	8.33E-8
	CC7	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	7.30E-8
	CC8	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	4.00E-8
	CC9	0.0000	0.0000	-0.1056	0.00E+0	0.00E+0	2.98E-8
	CC10	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-3.18E-8
	CC11	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	-4.21E-8
	CC12	0.0000	0.0000	-0.0843	0.00E+0	0.00E+0	-7.51E-8
	CC13	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	-8.53E-8
	CC14	0.0000	0.0000	-0.1056	0.00E+0	0.00E+0	1.05E-7
	CC15	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	7.14E-8
	CC16	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	7.07E-8
	CC17	0.0000	0.0000	-0.0982	0.00E+0	0.00E+0	3.68E-8
	CC18	0.0000	0.0000	-0.0949	0.00E+0	0.00E+0	-3.89E-8
	CC19	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	-7.27E-8
	CC20	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-7.34E-8
	CC21	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.07E-7
38	CC1	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	1.55E-9
	CC2	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	1.55E-9
	CC3	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	1.55E-9
	CC4	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	1.49E-9
	CC5	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	1.49E-9
	CC6	0.0000	0.0000	-0.1153	0.00E+0	0.00E+0	7.59E-9
	CC7	0.0000	0.0000	-0.1140	0.00E+0	0.00E+0	7.21E-9
	CC8	0.0000	0.0000	-0.1021	0.00E+0	0.00E+0	4.58E-9
	CC9	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	4.20E-9
	CC10	0.0000	0.0000	-0.0871	0.00E+0	0.00E+0	-1.26E-9
	CC11	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-1.64E-9
	CC12	0.0000	0.0000	-0.0739	0.00E+0	0.00E+0	-4.27E-9
	CC13	0.0000	0.0000	-0.0726	0.00E+0	0.00E+0	-4.65E-9
	CC14	0.0000	0.0000	-0.1223	0.00E+0	0.00E+0	8.46E-9
	CC15	0.0000	0.0000	-0.1181	0.00E+0	0.00E+0	7.18E-9
	CC16	0.0000	0.0000	-0.1139	0.00E+0	0.00E+0	5.80E-9
	CC17	0.0000	0.0000	-0.1096	0.00E+0	0.00E+0	4.53E-9
	CC18	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	-1.59E-9
	CC19	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	-2.86E-9
	CC20	0.0000	0.0000	-0.0698	0.00E+0	0.00E+0	-4.24E-9
	CC21	0.0000	0.0000	-0.0656	0.00E+0	0.00E+0	-5.51E-9
39	CC1	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	1.25E-7
	CC2	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	1.25E-7
	CC3	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	1.25E-7

	CC4	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	1.22E-7
	CC5	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	1.22E-7
	CC6	0.0000	0.0000	-0.1170	0.00E+0	0.00E+0	-8.53E-7
	CC7	0.0000	0.0000	-0.1193	0.00E+0	0.00E+0	-7.31E-7
	CC8	0.0000	0.0000	-0.1417	0.00E+0	0.00E+0	-6.64E-7
	CC9	0.0000	0.0000	-0.1441	0.00E+0	0.00E+0	-5.41E-7
	CC10	0.0000	0.0000	-0.0769	0.00E+0	0.00E+0	7.82E-7
	CC11	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	9.04E-7
	CC12	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	9.71E-7
	CC13	0.0000	0.0000	-0.1040	0.00E+0	0.00E+0	1.09E-6
	CC14	0.0000	0.0000	-0.0713	0.00E+0	0.00E+0	-6.44E-7
	CC15	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	-2.38E-7
	CC16	0.0000	0.0000	-0.0593	0.00E+0	0.00E+0	-1.53E-7
	CC17	0.0000	0.0000	-0.0672	0.00E+0	0.00E+0	2.52E-7
	CC18	0.0000	0.0000	-0.1537	0.00E+0	0.00E+0	-1.17E-8
	CC19	0.0000	0.0000	-0.1617	0.00E+0	0.00E+0	3.93E-7
	CC20	0.0000	0.0000	-0.1417	0.00E+0	0.00E+0	4.79E-7
	CC21	0.0000	0.0000	-0.1496	0.00E+0	0.00E+0	8.84E-7
40	CC1	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	3.15E-9
	CC2	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	3.15E-9
	CC3	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	3.15E-9
	CC4	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	2.96E-9
	CC5	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	2.96E-9
	CC6	0.0000	0.0000	-0.1064	0.00E+0	0.00E+0	-2.80E-7
	CC7	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	-2.46E-7
	CC8	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	-1.36E-7
	CC9	0.0000	0.0000	-0.1118	0.00E+0	0.00E+0	-1.02E-7
	CC10	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	1.08E-7
	CC11	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	1.42E-7
	CC12	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	2.52E-7
	CC13	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	2.86E-7
	CC14	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	-3.52E-7
	CC15	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	-2.39E-7
	CC16	0.0000	0.0000	-0.0857	0.00E+0	0.00E+0	-2.36E-7
	CC17	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	-1.22E-7
	CC18	0.0000	0.0000	-0.1083	0.00E+0	0.00E+0	1.28E-7
	CC19	0.0000	0.0000	-0.1104	0.00E+0	0.00E+0	2.42E-7
	CC20	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	2.44E-7
	CC21	0.0000	0.0000	-0.1037	0.00E+0	0.00E+0	3.58E-7
41	CC1	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	1.47E-9
	CC2	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	1.47E-9
	CC3	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	1.47E-9
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	1.34E-9
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	1.34E-9
	CC6	0.0000	0.0000	-0.1110	0.00E+0	0.00E+0	-2.37E-7
	CC7	0.0000	0.0000	-0.1108	0.00E+0	0.00E+0	-2.08E-7
	CC8	0.0000	0.0000	-0.1089	0.00E+0	0.00E+0	-1.18E-7
	CC9	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	-8.90E-8
	CC10	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	9.16E-8
	CC11	0.0000	0.0000	-0.0868	0.00E+0	0.00E+0	1.21E-7
	CC12	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	2.10E-7
	CC13	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	2.39E-7
	CC14	0.0000	0.0000	-0.1052	0.00E+0	0.00E+0	-2.94E-7
	CC15	0.0000	0.0000	-0.1047	0.00E+0	0.00E+0	-1.98E-7
	CC16	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-1.95E-7
	CC17	0.0000	0.0000	-0.0975	0.00E+0	0.00E+0	-9.95E-8
	CC18	0.0000	0.0000	-0.0982	0.00E+0	0.00E+0	1.02E-7
	CC19	0.0000	0.0000	-0.0977	0.00E+0	0.00E+0	1.98E-7
	CC20	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	2.01E-7
	CC21	0.0000	0.0000	-0.0905	0.00E+0	0.00E+0	2.97E-7
42	CC1	0.0000	0.0000	-0.0976	0.00E+0	0.00E+0	-6.19E-9
	CC2	0.0000	0.0000	-0.0976	0.00E+0	0.00E+0	-6.19E-9
	CC3	0.0000	0.0000	-0.0976	0.00E+0	0.00E+0	-6.19E-9
	CC4	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-5.98E-9
	CC5	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	-5.98E-9
	CC6	0.0000	0.0000	-0.1175	0.00E+0	0.00E+0	-6.23E-8
	CC7	0.0000	0.0000	-0.1160	0.00E+0	0.00E+0	-5.55E-8
	CC8	0.0000	0.0000	-0.1034	0.00E+0	0.00E+0	-5.41E-8
	CC9	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	-4.73E-8
	CC10	0.0000	0.0000	-0.0876	0.00E+0	0.00E+0	3.55E-8
	CC11	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	4.23E-8
	CC12	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	4.36E-8

	CC13	0.0000	0.0000	-0.0721	0.00E+0	0.00E+0	5.05E-8
	CC14	0.0000	0.0000	-0.1251	0.00E+0	0.00E+0	-4.56E-8
	CC15	0.0000	0.0000	-0.1204	0.00E+0	0.00E+0	-2.29E-8
	CC16	0.0000	0.0000	-0.1161	0.00E+0	0.00E+0	-1.62E-8
	CC17	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	6.45E-9
	CC18	0.0000	0.0000	-0.0781	0.00E+0	0.00E+0	-1.83E-8
	CC19	0.0000	0.0000	-0.0734	0.00E+0	0.00E+0	4.41E-9
	CC20	0.0000	0.0000	-0.0692	0.00E+0	0.00E+0	1.11E-8
	CC21	0.0000	0.0000	-0.0645	0.00E+0	0.00E+0	3.37E-8
43	CC1	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	5.55E-11
	CC2	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	5.55E-11
	CC3	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	5.55E-11
	CC4	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	5.69E-11
	CC5	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	5.69E-11
	CC6	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	1.38E-9
	CC7	0.0000	0.0000	-0.0774	0.00E+0	0.00E+0	1.50E-9
	CC8	0.0000	0.0000	-0.0734	0.00E+0	0.00E+0	1.07E-9
	CC9	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	1.19E-9
	CC10	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	-1.08E-9
	CC11	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	-9.57E-1
	CC12	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	-1.38E-9
	CC13	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	-1.26E-9
	CC14	0.0000	0.0000	-0.0906	0.00E+0	0.00E+0	7.34E-1
	CC15	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	1.13E-9
	CC16	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-2.19E-12
	CC17	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	3.97E-1
	CC18	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	-2.82E-1
	CC19	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	1.17E-1
	CC20	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	-1.02E-9
	CC21	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	-6.20E-1
44	CC1	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	1.43E-11
	CC2	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	1.43E-11
	CC3	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	1.43E-11
	CC4	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	1.32E-11
	CC5	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	1.32E-11
	CC6	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	3.35E-1
	CC7	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	3.75E-1
	CC8	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	1.22E-1
	CC9	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	1.61E-1
	CC10	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	-1.36E-1
	CC11	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	-9.67E-11
	CC12	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	-3.49E-1
	CC13	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-3.10E-1
	CC14	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	3.74E-1
	CC15	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	5.04E-1
	CC16	0.0000	0.0000	-0.0974	0.00E+0	0.00E+0	2.32E-1
	CC17	0.0000	0.0000	-0.0961	0.00E+0	0.00E+0	3.62E-1
	CC18	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	-3.37E-1
	CC19	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	-2.07E-1
	CC20	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	-4.78E-1
	CC21	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	-3.48E-1
45	CC1	0.0000	0.0001	-0.0858	-5.05E-6	1.27E-5	8.08E-7
	CC2	0.0000	0.0001	-0.0858	-5.05E-6	1.27E-5	8.08E-7
	CC3	0.0000	0.0001	-0.0858	-5.05E-6	1.27E-5	8.08E-7
	CC4	0.0000	0.0001	-0.0839	-4.79E-6	1.25E-5	7.76E-7
	CC5	0.0000	0.0001	-0.0839	-4.79E-6	1.25E-5	7.76E-7
	CC6	-0.0002	-0.0080	-0.0620	-8.05E-5	-9.85E-5	-5.29E-5
	CC7	-0.0002	-0.0069	-0.0651	-6.96E-5	-8.49E-5	-4.57E-5
	CC8	-0.0002	-0.0108	-0.0515	-1.22E-4	-1.40E-4	-7.13E-5
	CC9	-0.0002	-0.0097	-0.0546	-1.11E-4	-1.26E-4	-6.41E-5
	CC10	0.0002	0.0099	-0.1118	1.02E-4	1.51E-4	6.56E-5
	CC11	0.0002	0.0110	-0.1149	1.12E-4	1.65E-4	7.28E-5
	CC12	0.0001	0.0072	-0.1014	6.02E-5	1.10E-4	4.73E-5
	CC13	0.0001	0.0082	-0.1045	7.11E-5	1.23E-4	5.44E-5
	CC14	0.0000	0.0002	-0.0880	1.89E-5	2.16E-5	1.73E-6
	CC15	0.0000	0.0038	-0.0982	5.50E-5	6.68E-5	2.55E-5
	CC16	0.0001	0.0056	-0.1029	7.35E-5	9.65E-5	3.73E-5
	CC17	0.0001	0.0092	-0.1132	1.10E-4	1.42E-4	6.10E-5
	CC18	-0.0001	-0.0090	-0.0532	-1.19E-4	-1.17E-4	-5.95E-5
	CC19	-0.0001	-0.0054	-0.0635	-8.29E-5	-7.17E-5	-3.58E-5
	CC20	0.0000	-0.0036	-0.0682	-6.44E-5	-4.20E-5	-2.39E-5
	CC21	0.0000	0.0000	-0.0785	-2.83E-5	3.22E-6	-2.04E-7

46	CC1	0.0000	0.0000	-0.0870	-2.66E-6	2.31E-5	2.84E-7
	CC2	0.0000	0.0000	-0.0870	-2.66E-6	2.31E-5	2.84E-7
	CC3	0.0000	0.0000	-0.0870	-2.66E-6	2.31E-5	2.84E-7
	CC4	0.0000	0.0000	-0.0850	-2.38E-6	2.23E-5	2.58E-7
	CC5	0.0000	0.0000	-0.0850	-2.38E-6	2.23E-5	2.58E-7
	CC6	0.0020	-0.0082	-0.0713	-8.70E-5	-1.20E-4	-5.61E-5
	CC7	0.0017	-0.0071	-0.0705	-7.45E-5	-1.32E-4	-4.86E-5
	CC8	0.0027	-0.0110	-0.0753	-1.31E-4	-6.60E-5	-7.55E-5
	CC9	0.0025	-0.0099	-0.0745	-1.18E-4	-7.84E-5	-6.80E-5
	CC10	-0.0025	0.0100	-0.0941	1.14E-4	1.22E-4	6.85E-5
	CC11	-0.0028	0.0110	-0.0933	1.26E-4	1.10E-4	7.60E-5
	CC12	-0.0018	0.0071	-0.0981	6.99E-5	1.76E-4	4.91E-5
	CC13	-0.0020	0.0082	-0.0973	8.25E-5	1.64E-4	5.66E-5
	CC14	-0.0001	0.0002	-0.0756	1.96E-5	-8.40E-5	1.39E-6
	CC15	-0.0010	0.0038	-0.0728	6.11E-5	-1.25E-4	2.63E-5
	CC16	-0.0015	0.0056	-0.0825	7.98E-5	-1.13E-5	3.88E-5
	CC17	-0.0024	0.0092	-0.0797	1.21E-4	-5.23E-5	6.37E-5
	CC18	0.0023	-0.0092	-0.0889	-1.26E-4	9.63E-5	-6.32E-5
	CC19	0.0014	-0.0055	-0.0862	-8.43E-5	5.53E-5	-3.83E-5
	CC20	0.0010	-0.0037	-0.0958	-6.56E-5	1.69E-4	-2.58E-5
	CC21	0.0001	-0.0001	-0.0930	-2.42E-5	1.28E-4	-8.89E-7
47	CC1	0.0000	-0.0001	-0.1036	-1.94E-6	-1.99E-5	4.88E-7
	CC2	0.0000	-0.0001	-0.1036	-1.94E-6	-1.99E-5	4.88E-7
	CC3	0.0000	-0.0001	-0.1036	-1.94E-6	-1.99E-5	4.88E-7
	CC4	0.0000	-0.0001	-0.1013	-1.69E-6	-1.97E-5	4.53E-7
	CC5	0.0000	-0.0001	-0.1013	-1.69E-6	-1.97E-5	4.53E-7
	CC6	-0.0006	0.0103	-0.1378	1.00E-4	-1.88E-4	-4.08E-5
	CC7	-0.0006	0.0090	-0.1360	8.95E-5	-1.78E-4	-3.58E-5
	CC8	-0.0004	0.0050	-0.1278	2.13E-5	-1.40E-4	-1.94E-5
	CC9	-0.0003	0.0037	-0.1260	1.06E-5	-1.29E-4	-1.44E-5
	CC10	0.0003	-0.0038	-0.0750	-1.38E-5	9.01E-5	1.53E-5
	CC11	0.0003	-0.0051	-0.0732	-2.45E-5	1.00E-4	2.03E-5
	CC12	0.0006	-0.0091	-0.0651	-9.27E-5	1.38E-4	3.67E-5
	CC13	0.0006	-0.0104	-0.0633	-1.03E-4	1.49E-4	4.17E-5
	CC14	-0.0007	0.0129	-0.1295	1.65E-4	-1.59E-4	-5.18E-5
	CC15	-0.0005	0.0088	-0.1235	1.29E-4	-1.25E-4	-3.53E-5
	CC16	-0.0004	0.0087	-0.1107	1.30E-4	-7.56E-5	-3.50E-5
	CC17	-0.0003	0.0045	-0.1047	9.50E-5	-4.15E-5	-1.84E-5
	CC18	0.0002	-0.0046	-0.0963	-9.82E-5	2.26E-6	1.93E-5
	CC19	0.0004	-0.0088	-0.0904	-1.34E-4	3.63E-5	3.59E-5
	CC20	0.0005	-0.0089	-0.0775	-1.32E-4	8.57E-5	3.62E-5
	CC21	0.0006	-0.0130	-0.0715	-1.68E-4	1.20E-4	5.27E-5
48	CC1	0.0000	-0.0001	-0.1044	-5.85E-6	-2.51E-5	3.17E-7
	CC2	0.0000	-0.0001	-0.1044	-5.85E-6	-2.51E-5	3.17E-7
	CC3	0.0000	-0.0001	-0.1044	-5.85E-6	-2.51E-5	3.17E-7
	CC4	0.0000	-0.0001	-0.1020	-5.41E-6	-2.43E-5	2.90E-7
	CC5	0.0000	-0.0001	-0.1020	-5.41E-6	-2.43E-5	2.90E-7
	CC6	0.0023	0.0097	-0.1146	1.06E-4	-8.60E-5	-4.90E-5
	CC7	0.0020	0.0085	-0.1166	9.40E-5	-9.35E-5	-4.30E-5
	CC8	0.0009	0.0046	-0.1318	2.49E-5	-1.64E-4	-2.32E-5
	CC9	0.0007	0.0034	-0.1338	1.28E-5	-1.72E-4	-1.73E-5
	CC10	-0.0007	-0.0036	-0.0686	-2.33E-5	1.23E-4	1.78E-5
	CC11	-0.0010	-0.0048	-0.0706	-3.54E-5	1.16E-4	2.38E-5
	CC12	-0.0021	-0.0087	-0.0858	-1.05E-4	4.54E-5	4.36E-5
	CC13	-0.0023	-0.0099	-0.0878	-1.17E-4	3.78E-5	4.96E-5
	CC14	0.0031	0.0123	-0.0761	1.70E-4	8.72E-5	-6.25E-5
	CC15	0.0022	0.0083	-0.0827	1.30E-4	6.23E-5	-4.28E-5
	CC16	0.0022	0.0083	-0.0623	1.31E-4	1.50E-4	-4.25E-5
	CC17	0.0013	0.0043	-0.0689	9.07E-5	1.25E-4	-2.28E-5
	CC18	-0.0014	-0.0045	-0.1335	-1.01E-4	-1.73E-4	2.33E-5
	CC19	-0.0022	-0.0085	-0.1401	-1.41E-4	-1.98E-4	4.30E-5
	CC20	-0.0023	-0.0085	-0.1197	-1.40E-4	-1.10E-4	4.34E-5
	CC21	-0.0031	-0.0125	-0.1263	-1.80E-4	-1.35E-4	6.31E-5
49	CC1	0.0000	-0.0001	-0.1038	-5.06E-6	-2.35E-5	-2.92E-7
	CC2	0.0000	-0.0001	-0.1038	-5.06E-6	-2.35E-5	-2.92E-7
	CC3	0.0000	-0.0001	-0.1038	-5.06E-6	-2.35E-5	-2.92E-7
	CC4	0.0000	-0.0001	-0.1014	-4.63E-6	-2.30E-5	-2.82E-7
	CC5	0.0000	-0.0001	-0.1014	-4.63E-6	-2.30E-5	-2.82E-7
	CC6	-0.0002	0.0101	-0.1241	1.22E-4	-1.30E-4	7.49E-6
	CC7	-0.0003	0.0088	-0.1244	1.08E-4	-1.29E-4	6.49E-6
	CC8	-0.0006	0.0049	-0.1301	2.65E-5	-1.50E-4	4.38E-6
	CC9	-0.0007	0.0036	-0.1304	1.29E-5	-1.50E-4	3.38E-6

	CC10	0.0006	-0.0038	-0.0708	-2.19E-5	1.04E-4	-3.93E-6
	CC11	0.0005	-0.0050	-0.0711	-3.55E-5	1.05E-4	-4.93E-6
	CC12	0.0002	-0.0090	-0.0768	-1.17E-4	8.39E-5	-7.05E-6
	CC13	0.0001	-0.0102	-0.0771	-1.31E-4	8.46E-5	-8.05E-6
	CC14	0.0006	0.0127	-0.0981	1.99E-4	-2.55E-5	8.28E-6
	CC15	0.0003	0.0086	-0.0991	1.54E-4	-2.30E-5	4.97E-6
	CC16	0.0008	0.0085	-0.0822	1.55E-4	4.48E-5	4.85E-6
	CC17	0.0006	0.0045	-0.0831	1.10E-4	4.73E-5	1.55E-6
	CC18	-0.0007	-0.0046	-0.1181	-1.19E-4	-9.30E-5	-2.10E-6
	CC19	-0.0009	-0.0087	-0.1191	-1.64E-4	-9.05E-5	-5.41E-6
	CC20	-0.0004	-0.0088	-0.1021	-1.63E-4	-2.27E-5	-5.53E-6
	CC21	-0.0006	-0.0129	-0.1031	-2.08E-4	-2.02E-5	-8.84E-6
50	CC1	0.0000	-0.0001	-0.1034	-2.83E-6	-2.14E-5	2.72E-7
	CC2	0.0000	-0.0001	-0.1034	-2.83E-6	-2.14E-5	2.72E-7
	CC3	0.0000	-0.0001	-0.1034	-2.83E-6	-2.14E-5	2.72E-7
	CC4	0.0000	-0.0001	-0.1010	-2.50E-6	-2.11E-5	2.57E-7
	CC5	0.0000	-0.0001	-0.1010	-2.50E-6	-2.11E-5	2.57E-7
	CC6	-0.0004	0.0100	-0.1318	1.17E-4	-1.65E-4	-8.87E-6
	CC7	-0.0005	0.0088	-0.1307	1.04E-4	-1.58E-4	-7.81E-6
	CC8	-0.0009	0.0049	-0.1269	2.47E-5	-1.41E-4	-3.53E-6
	CC9	-0.0010	0.0036	-0.1258	1.21E-5	-1.34E-4	-2.47E-6
	CC10	0.0009	-0.0037	-0.0747	-1.68E-5	9.22E-5	2.97E-6
	CC11	0.0008	-0.0050	-0.0737	-2.94E-5	9.89E-5	4.03E-6
	CC12	0.0004	-0.0089	-0.0698	-1.09E-4	1.16E-4	8.31E-6
	CC13	0.0003	-0.0101	-0.0688	-1.21E-4	1.23E-4	9.38E-6
	CC14	0.0007	0.0126	-0.1187	1.92E-4	-1.10E-4	-1.22E-5
	CC15	0.0003	0.0085	-0.1153	1.50E-4	-8.79E-5	-8.67E-6
	CC16	0.0011	0.0084	-0.1016	1.52E-4	-3.32E-5	-8.64E-6
	CC17	0.0007	0.0044	-0.0982	1.10E-4	-1.08E-5	-5.12E-6
	CC18	-0.0008	-0.0045	-0.1024	-1.15E-4	-3.12E-5	5.62E-6
	CC19	-0.0012	-0.0086	-0.0989	-1.57E-4	-8.82E-6	9.14E-6
	CC20	-0.0004	-0.0086	-0.0853	-1.55E-4	4.59E-5	9.18E-6
	CC21	-0.0008	-0.0127	-0.0818	-1.97E-4	6.82E-5	1.27E-5
51	CC1	-0.0050	-0.0025	-0.1055	7.40E-6	-4.68E-7	3.08E-6
	CC2	-0.0050	-0.0025	-0.1055	7.40E-6	-4.68E-7	3.08E-6
	CC3	-0.0050	-0.0025	-0.1055	7.40E-6	-4.68E-7	3.08E-6
	CC4	-0.0046	-0.0023	-0.1023	8.34E-6	-1.72E-7	2.80E-6
	CC5	-0.0046	-0.0023	-0.1023	8.34E-6	-1.72E-7	2.80E-6
	CC6	0.0534	-0.0818	-0.1223	-2.02E-4	-2.29E-4	-3.50E-5
	CC7	0.0484	-0.0702	-0.1194	-1.71E-4	-2.09E-4	-3.02E-5
	CC8	0.0503	-0.1229	-0.1422	-3.23E-4	-2.12E-4	-3.11E-5
	CC9	0.0453	-0.1113	-0.1394	-2.92E-4	-1.92E-4	-2.63E-5
	CC10	-0.0544	0.1068	-0.0632	3.09E-4	1.92E-4	3.17E-5
	CC11	-0.0593	0.1184	-0.0603	3.40E-4	2.11E-4	3.65E-5
	CC12	-0.0575	0.0657	-0.0831	1.88E-4	2.09E-4	3.56E-5
	CC13	-0.0624	0.0773	-0.0803	2.19E-4	2.28E-4	4.04E-5
	CC14	0.0251	0.0189	-0.0816	8.23E-5	-1.24E-4	-2.18E-5
	CC15	0.0086	0.0571	-0.0721	1.85E-4	-5.86E-5	-5.81E-6
	CC16	-0.0073	0.0754	-0.0638	2.36E-4	1.98E-6	-1.78E-6
	CC17	-0.0237	0.1136	-0.0543	3.38E-4	6.75E-5	1.42E-5
	CC18	0.0147	-0.1182	-0.1482	-3.21E-4	-6.76E-5	-8.80E-6
	CC19	-0.0018	-0.0800	-0.1387	-2.18E-4	-2.13E-6	7.19E-6
	CC20	-0.0176	-0.0616	-0.1305	-1.68E-4	5.85E-5	1.12E-5
	CC21	-0.0341	-0.0234	-0.1210	-6.50E-5	1.24E-4	2.72E-5
52	CC1	-0.0029	-0.0023	-0.0923	-2.33E-5	-1.89E-5	1.10E-6
	CC2	-0.0029	-0.0023	-0.0923	-2.33E-5	-1.89E-5	1.10E-6
	CC3	-0.0029	-0.0023	-0.0923	-2.33E-5	-1.89E-5	1.10E-6
	CC4	-0.0027	-0.0021	-0.0900	-2.23E-5	-1.68E-5	1.02E-6
	CC5	-0.0027	-0.0021	-0.0900	-2.23E-5	-1.68E-5	1.02E-6
	CC6	0.0436	-0.0816	-0.1094	-2.29E-4	-1.62E-4	-3.67E-5
	CC7	0.0417	-0.0700	-0.1064	-1.98E-4	-1.57E-4	-3.19E-5
	CC8	0.0429	-0.1227	-0.1206	-3.48E-4	-1.58E-4	-3.28E-5
	CC9	0.0410	-0.1111	-0.1176	-3.17E-4	-1.53E-4	-2.80E-5
	CC10	-0.0463	0.1070	-0.0610	2.73E-4	1.20E-4	3.00E-5
	CC11	-0.0482	0.1186	-0.0580	3.04E-4	1.26E-4	3.48E-5
	CC12	-0.0470	0.0659	-0.0721	1.55E-4	1.24E-4	3.39E-5
	CC13	-0.0488	0.0774	-0.0692	1.86E-4	1.30E-4	3.87E-5
	CC14	0.0150	0.0190	-0.0829	4.87E-5	-7.40E-5	-2.35E-5
	CC15	0.0089	0.0573	-0.0730	1.51E-4	-5.57E-5	-7.52E-6
	CC16	-0.0119	0.0756	-0.0683	1.99E-4	1.07E-5	-3.49E-6
	CC17	-0.0181	0.1138	-0.0585	3.02E-4	2.90E-5	1.25E-5
	CC18	0.0128	-0.1180	-0.1201	-3.46E-4	-6.13E-5	-1.05E-5

	CC19	0.0066	-0.0798	-0.1102	-2.43E-4	-4.30E-5	5.47E-6
	CC20	-0.0141	-0.0614	-0.1056	-1.95E-4	2.34E-5	9.50E-6
	CC21	-0.0203	-0.0232	-0.0957	-9.26E-5	4.17E-5	2.55E-5
53	CC1	-0.0018	-0.0020	-0.0884	-1.38E-5	-6.49E-6	1.55E-6
	CC2	-0.0018	-0.0020	-0.0884	-1.38E-5	-6.49E-6	1.55E-6
	CC3	-0.0018	-0.0020	-0.0884	-1.38E-5	-6.49E-6	1.55E-6
	CC4	-0.0017	-0.0018	-0.0864	-1.30E-5	-6.01E-6	1.44E-6
	CC5	-0.0017	-0.0018	-0.0864	-1.30E-5	-6.01E-6	1.44E-6
	CC6	0.0399	-0.0813	-0.0465	-2.62E-4	-1.56E-4	-3.63E-5
	CC7	0.0394	-0.0698	-0.0523	-2.24E-4	-1.54E-4	-3.15E-5
	CC8	0.0409	-0.1224	-0.0246	-4.02E-4	-1.62E-4	-3.24E-5
	CC9	0.0404	-0.1109	-0.0305	-3.65E-4	-1.60E-4	-2.76E-5
	CC10	-0.0437	0.1073	-0.1410	3.39E-4	1.48E-4	3.04E-5
	CC11	-0.0442	0.1188	-0.1469	3.77E-4	1.50E-4	3.52E-5
	CC12	-0.0427	0.0662	-0.1192	1.99E-4	1.42E-4	3.43E-5
	CC13	-0.0432	0.0777	-0.1251	2.36E-4	1.44E-4	3.91E-5
	CC14	0.0100	0.0193	-0.0982	6.90E-5	-4.49E-5	-2.31E-5
	CC15	0.0085	0.0575	-0.1177	1.93E-4	-3.77E-5	-7.11E-6
	CC16	-0.0151	0.0759	-0.1266	2.49E-4	4.63E-5	-3.08E-6
	CC17	-0.0166	0.1141	-0.1461	3.73E-4	5.35E-5	1.29E-5
	CC18	0.0133	-0.1177	-0.0255	-3.98E-4	-6.53E-5	-1.01E-5
	CC19	0.0117	-0.0795	-0.0449	-2.75E-4	-5.80E-5	5.89E-6
	CC20	-0.0118	-0.0611	-0.0538	-2.18E-4	2.60E-5	9.92E-6
	CC21	-0.0134	-0.0229	-0.0733	-9.45E-5	3.32E-5	2.59E-5
54	CC1	-0.0052	-0.0022	-0.1081	5.61E-5	2.31E-5	-5.18E-8
	CC2	-0.0052	-0.0022	-0.1081	5.61E-5	2.31E-5	-5.18E-8
	CC3	-0.0052	-0.0022	-0.1081	5.61E-5	2.31E-5	-5.18E-8
	CC4	-0.0049	-0.0021	-0.1033	5.27E-5	2.24E-5	-7.00E-8
	CC5	-0.0049	-0.0021	-0.1033	5.27E-5	2.24E-5	-7.00E-8
	CC6	0.0532	-0.0652	-0.1082	-1.76E-4	-1.02E-4	-3.78E-5
	CC7	0.0482	-0.0557	-0.1075	-1.41E-4	-9.24E-5	-3.30E-5
	CC8	0.0501	-0.1080	-0.1146	-3.49E-4	-8.11E-5	-3.39E-5
	CC9	0.0451	-0.0985	-0.1139	-3.14E-4	-7.18E-5	-2.91E-5
	CC10	-0.0546	0.0945	-0.0896	4.17E-4	1.16E-4	2.89E-5
	CC11	-0.0596	0.1039	-0.0889	4.52E-4	1.25E-4	3.38E-5
	CC12	-0.0577	0.0517	-0.0960	2.45E-4	1.37E-4	3.28E-5
	CC13	-0.0627	0.0611	-0.0953	2.80E-4	1.46E-4	3.77E-5
	CC14	0.0248	0.0297	-0.0952	1.92E-4	-6.03E-5	-2.46E-5
	CC15	0.0083	0.0610	-0.0927	3.08E-4	-2.95E-5	-8.59E-6
	CC16	-0.0075	0.0776	-0.0896	3.70E-4	4.98E-5	-4.56E-6
	CC17	-0.0240	0.1089	-0.0871	4.86E-4	3.59E-5	1.14E-5
	CC18	0.0145	-0.1129	-0.1164	-3.83E-4	8.39E-6	-1.16E-5
	CC19	-0.0020	-0.0817	-0.1139	-2.67E-4	3.93E-5	4.41E-6
	CC20	-0.0179	-0.0651	-0.1109	-2.05E-4	7.37E-5	8.44E-6
	CC21	-0.0343	-0.0338	-0.1084	-8.88E-5	1.05E-4	2.44E-5
55	CC1	-0.0029	-0.0021	-0.1091	-5.35E-5	-9.90E-6	3.82E-7
	CC2	-0.0029	-0.0021	-0.1091	-5.35E-5	-9.90E-6	3.82E-7
	CC3	-0.0029	-0.0021	-0.1091	-5.35E-5	-9.90E-6	3.82E-7
	CC4	-0.0027	-0.0020	-0.1041	-5.01E-5	-6.14E-6	3.52E-7
	CC5	-0.0027	-0.0020	-0.1041	-5.01E-5	-6.14E-6	3.52E-7
	CC6	0.0435	-0.0651	-0.1084	-2.57E-4	-4.80E-5	-3.74E-5
	CC7	0.0417	-0.0556	-0.1077	-2.25E-4	-5.16E-5	-3.26E-5
	CC8	0.0428	-0.1078	-0.1115	-4.07E-4	-2.94E-5	-3.35E-5
	CC9	0.0410	-0.0984	-0.1109	-3.75E-4	-3.30E-5	-2.87E-5
	CC10	-0.0463	0.0946	-0.0941	2.77E-4	2.32E-5	2.93E-5
	CC11	-0.0482	0.1040	-0.0935	3.09E-4	1.96E-5	3.42E-5
	CC12	-0.0470	0.0518	-0.0973	1.27E-4	4.18E-5	3.32E-5
	CC13	-0.0489	0.0612	-0.0967	1.59E-4	3.83E-5	3.81E-5
	CC14	0.0150	0.0298	-0.1004	6.71E-5	-4.07E-5	-2.42E-5
	CC15	0.0088	0.0611	-0.0984	1.73E-4	-5.26E-5	-8.17E-6
	CC16	-0.0119	0.0777	-0.0961	2.27E-4	-1.93E-5	-4.14E-6
	CC17	-0.0181	0.1090	-0.0941	3.33E-4	-3.12E-5	1.18E-5
	CC18	0.0128	-0.1128	-0.1109	-4.31E-4	2.14E-5	-1.12E-5
	CC19	0.0066	-0.0815	-0.1089	-3.25E-4	9.57E-6	4.83E-6
	CC20	-0.0142	-0.0649	-0.1066	-2.71E-4	4.28E-5	8.85E-6
	CC21	-0.0204	-0.0337	-0.1046	-1.65E-4	3.09E-5	2.48E-5
56	CC1	-0.0019	-0.0021	-0.0957	-2.68E-5	6.05E-6	1.49E-6
	CC2	-0.0019	-0.0021	-0.0957	-2.68E-5	6.05E-6	1.49E-6
	CC3	-0.0019	-0.0021	-0.0957	-2.68E-5	6.05E-6	1.49E-6
	CC4	-0.0018	-0.0019	-0.0923	-2.48E-5	6.60E-6	1.38E-6
	CC5	-0.0018	-0.0019	-0.0923	-2.48E-5	6.60E-6	1.38E-6
	CC6	0.0398	-0.0650	-0.0848	-2.45E-4	-8.49E-5	-3.64E-5

	CC7	0.0393	-0.0556	-0.0856	-2.11E-4	-8.07E-5	-3.16E-5
	CC8	0.0408	-0.1078	-0.0807	-4.12E-4	-9.93E-5	-3.25E-5
	CC9	0.0403	-0.0984	-0.0814	-3.78E-4	-9.51E-5	-2.77E-5
	CC10	-0.0438	0.0946	-0.1008	3.29E-4	1.09E-4	3.03E-5
	CC11	-0.0443	0.1040	-0.1015	3.63E-4	1.13E-4	3.52E-5
	CC12	-0.0428	0.0518	-0.0966	1.63E-4	9.42E-5	3.42E-5
	CC13	-0.0433	0.0612	-0.0974	1.97E-4	9.85E-5	3.91E-5
	CC14	0.0099	0.0299	-0.0943	1.11E-4	-5.17E-6	-2.32E-5
	CC15	0.0084	0.0611	-0.0969	2.24E-4	8.79E-6	-7.16E-6
	CC16	-0.0152	0.0777	-0.0991	2.83E-4	5.29E-5	-3.14E-6
	CC17	-0.0167	0.1090	-0.1017	3.96E-4	6.69E-5	1.29E-5
	CC18	0.0132	-0.1128	-0.0805	-4.44E-4	-5.33E-5	-1.02E-5
	CC19	0.0116	-0.0815	-0.0831	-3.31E-4	-3.93E-5	5.83E-6
	CC20	-0.0119	-0.0649	-0.0853	-2.72E-4	4.79E-6	9.86E-6
	CC21	-0.0134	-0.0336	-0.0879	-1.59E-4	1.87E-5	2.58E-5
57	CC1	-0.0053	-0.0019	-0.1050	6.05E-5	7.87E-6	4.75E-8
	CC2	-0.0053	-0.0019	-0.1050	6.05E-5	7.87E-6	4.75E-8
	CC3	-0.0053	-0.0019	-0.1050	6.05E-5	7.87E-6	4.75E-8
	CC4	-0.0050	-0.0018	-0.1002	5.70E-5	7.48E-6	4.67E-8
	CC5	-0.0050	-0.0018	-0.1002	5.70E-5	7.48E-6	4.67E-8
	CC6	0.0531	-0.0512	-0.0982	-1.20E-4	-1.18E-4	-3.77E-5
	CC7	0.0481	-0.0435	-0.0979	-9.13E-5	-1.07E-4	-3.29E-5
	CC8	0.0500	-0.0954	-0.0913	-3.00E-4	-1.08E-4	-3.38E-5
	CC9	0.0450	-0.0877	-0.0910	-2.71E-4	-9.71E-5	-2.90E-5
	CC10	-0.0547	0.0842	-0.1063	3.83E-4	1.12E-4	2.90E-5
	CC11	-0.0597	0.0919	-0.1060	4.11E-4	1.23E-4	3.39E-5
	CC12	-0.0578	0.0400	-0.0994	2.03E-4	1.22E-4	3.29E-5
	CC13	-0.0628	0.0477	-0.0991	2.31E-4	1.33E-4	3.78E-5
	CC14	0.0247	0.0389	-0.1094	2.33E-4	-6.24E-5	-2.45E-5
	CC15	0.0082	0.0644	-0.1085	3.27E-4	-2.65E-5	-8.47E-6
	CC16	-0.0076	0.0795	-0.1118	3.84E-4	6.66E-6	-4.44E-6
	CC17	-0.0241	0.1050	-0.1109	4.78E-4	4.25E-5	1.16E-5
	CC18	0.0144	-0.1085	-0.0864	-3.67E-4	-2.78E-5	-1.15E-5
	CC19	-0.0021	-0.0830	-0.0855	-2.72E-4	8.03E-6	4.53E-6
	CC20	-0.0180	-0.0678	-0.0888	-2.16E-4	4.12E-5	8.56E-6
	CC21	-0.0344	-0.0424	-0.0879	-1.22E-4	7.71E-5	2.45E-5
58	CC1	-0.0027	-0.0017	-0.1093	-6.29E-5	1.46E-6	1.54E-6
	CC2	-0.0027	-0.0017	-0.1093	-6.29E-5	1.46E-6	1.54E-6
	CC3	-0.0027	-0.0017	-0.1093	-6.29E-5	1.46E-6	1.54E-6
	CC4	-0.0025	-0.0016	-0.1039	-5.85E-5	1.30E-6	1.43E-6
	CC5	-0.0025	-0.0016	-0.1039	-5.85E-5	1.30E-6	1.43E-6
	CC6	0.0438	-0.0510	-0.0996	-2.13E-4	-9.66E-5	-3.63E-5
	CC7	0.0419	-0.0433	-0.0996	-1.88E-4	-9.20E-5	-3.15E-5
	CC8	0.0431	-0.0953	-0.1005	-3.70E-4	-1.01E-4	-3.24E-5
	CC9	0.0412	-0.0876	-0.1005	-3.45E-4	-9.64E-5	-2.76E-5
	CC10	-0.0461	0.0844	-0.1037	2.31E-4	9.89E-5	3.04E-5
	CC11	-0.0480	0.0921	-0.1037	2.56E-4	1.04E-4	3.52E-5
	CC12	-0.0468	0.0402	-0.1046	7.33E-5	9.45E-5	3.43E-5
	CC13	-0.0486	0.0479	-0.1046	9.84E-5	9.91E-5	3.91E-5
	CC14	0.0152	0.0390	-0.1001	9.71E-5	-2.85E-5	-2.31E-5
	CC15	0.0091	0.0645	-0.1001	1.80E-4	-1.31E-5	-7.12E-6
	CC16	-0.0117	0.0797	-0.1013	2.30E-4	3.02E-5	-3.09E-6
	CC17	-0.0179	0.1051	-0.1013	3.13E-4	4.55E-5	1.29E-5
	CC18	0.0130	-0.1083	-0.1029	-4.27E-4	-4.30E-5	-1.01E-5
	CC19	0.0068	-0.0828	-0.1029	-3.44E-4	-2.77E-5	5.87E-6
	CC20	-0.0140	-0.0677	-0.1041	-2.94E-4	1.56E-5	9.90E-6
	CC21	-0.0201	-0.0422	-0.1041	-2.11E-4	3.10E-5	2.59E-5
59	CC1	-0.0019	-0.0017	-0.0961	-2.73E-5	-1.47E-6	2.24E-7
	CC2	-0.0019	-0.0017	-0.0961	-2.73E-5	-1.47E-6	2.24E-7
	CC3	-0.0019	-0.0017	-0.0961	-2.73E-5	-1.47E-6	2.24E-7
	CC4	-0.0018	-0.0016	-0.0923	-2.50E-5	-1.25E-6	1.92E-7
	CC5	-0.0018	-0.0016	-0.0923	-2.50E-5	-1.25E-6	1.92E-7
	CC6	0.0398	-0.0510	-0.0872	-1.88E-4	-9.10E-5	-3.75E-5
	CC7	0.0393	-0.0433	-0.0876	-1.62E-4	-9.01E-5	-3.27E-5
	CC8	0.0408	-0.0952	-0.0847	-3.55E-4	-8.87E-5	-3.36E-5
	CC9	0.0403	-0.0876	-0.0851	-3.28E-4	-8.77E-5	-2.88E-5
	CC10	-0.0438	0.0844	-0.0971	2.80E-4	8.54E-5	2.92E-5
	CC11	-0.0442	0.0921	-0.0975	3.06E-4	8.63E-5	3.40E-5
	CC12	-0.0428	0.0402	-0.0946	1.13E-4	8.78E-5	3.31E-5
	CC13	-0.0433	0.0479	-0.0949	1.40E-4	8.87E-5	3.79E-5
	CC14	0.0100	0.0391	-0.0932	1.39E-4	-3.31E-5	-2.43E-5
	CC15	0.0084	0.0645	-0.0945	2.26E-4	-3.01E-5	-8.33E-6

	CC16	-0.0151	0.0797	-0.0962	2.79E-4	1.98E-5	-4.30E-6
	CC17	-0.0167	0.1052	-0.0974	3.67E-4	2.28E-5	1.17E-5
	CC18	0.0132	-0.1083	-0.0847	-4.15E-4	-2.52E-5	-1.13E-5
	CC19	0.0117	-0.0828	-0.0860	-3.28E-4	-2.21E-5	4.67E-6
	CC20	-0.0118	-0.0677	-0.0877	-2.75E-4	2.77E-5	8.69E-6
	CC21	-0.0134	-0.0422	-0.0890	-1.87E-4	3.08E-5	2.47E-5
60	CC1	-0.0054	-0.0016	-0.1038	6.70E-5	8.07E-6	6.34E-7
	CC2	-0.0054	-0.0016	-0.1038	6.70E-5	8.07E-6	6.34E-7
	CC3	-0.0054	-0.0016	-0.1038	6.70E-5	8.07E-6	6.34E-7
	CC4	-0.0050	-0.0015	-0.0991	6.46E-5	7.57E-6	5.59E-7
	CC5	-0.0050	-0.0015	-0.0991	6.46E-5	7.57E-6	5.59E-7
	CC6	0.0530	-0.0373	-0.0929	-2.79E-5	-1.19E-4	-3.72E-5
	CC7	0.0480	-0.0313	-0.0927	-1.14E-5	-1.08E-4	-3.24E-5
	CC8	0.0499	-0.0829	-0.0960	-1.72E-4	-1.06E-4	-3.33E-5
	CC9	0.0449	-0.0769	-0.0959	-1.55E-4	-9.52E-5	-2.85E-5
	CC10	-0.0547	0.0740	-0.0992	2.83E-4	1.10E-4	2.95E-5
	CC11	-0.0597	0.0799	-0.0990	2.99E-4	1.21E-4	3.44E-5
	CC12	-0.0578	0.0283	-0.1023	1.39E-4	1.23E-4	3.34E-5
	CC13	-0.0628	0.0343	-0.1021	1.55E-4	1.33E-4	3.83E-5
	CC14	0.0247	0.0480	-0.0917	2.29E-4	-6.59E-5	-2.40E-5
	CC15	0.0082	0.0677	-0.0911	2.84E-4	-2.98E-5	-7.98E-6
	CC16	-0.0076	0.0814	-0.0936	3.23E-4	2.71E-6	-3.95E-6
	CC17	-0.0241	0.1011	-0.0930	3.77E-4	3.88E-5	1.20E-5
	CC18	0.0143	-0.1040	-0.1021	-2.50E-4	-2.40E-5	-1.10E-5
	CC19	-0.0022	-0.0844	-0.1015	-1.95E-4	1.21E-5	5.02E-6
	CC20	-0.0180	-0.0707	-0.1040	-1.56E-4	4.47E-5	9.05E-6
	CC21	-0.0345	-0.0510	-0.1034	-1.02E-4	8.07E-5	2.50E-5
61	CC1	-0.0022	-0.0013	-0.1106	-4.39E-5	1.42E-7	1.57E-6
	CC2	-0.0022	-0.0013	-0.1106	-4.39E-5	1.42E-7	1.57E-6
	CC3	-0.0022	-0.0013	-0.1106	-4.39E-5	1.42E-7	1.57E-6
	CC4	-0.0021	-0.0013	-0.1053	-3.93E-5	-5.88E-8	1.42E-6
	CC5	-0.0021	-0.0013	-0.1053	-3.93E-5	-5.88E-8	1.42E-6
	CC6	0.0442	-0.0370	-0.0970	-6.52E-5	-9.12E-5	-3.64E-5
	CC7	0.0423	-0.0311	-0.0968	-6.09E-5	-8.73E-5	-3.15E-5
	CC8	0.0435	-0.0827	-0.1013	-1.06E-4	-9.31E-5	-3.25E-5
	CC9	0.0416	-0.0767	-0.1011	-1.01E-4	-8.92E-5	-2.76E-5
	CC10	-0.0457	0.0742	-0.1060	2.56E-5	8.90E-5	3.04E-5
	CC11	-0.0475	0.0801	-0.1058	2.99E-5	9.29E-5	3.52E-5
	CC12	-0.0463	0.0286	-0.1103	-1.47E-5	8.70E-5	3.43E-5
	CC13	-0.0482	0.0345	-0.1101	-1.04E-5	9.09E-5	3.91E-5
	CC14	0.0157	0.0483	-0.0953	8.64E-6	-3.04E-5	-2.31E-5
	CC15	0.0095	0.0679	-0.0946	2.29E-5	-1.75E-5	-7.14E-6
	CC16	-0.0113	0.0816	-0.0980	3.59E-5	2.36E-5	-3.11E-6
	CC17	-0.0175	0.1013	-0.0973	5.01E-5	3.66E-5	1.29E-5
	CC18	0.0134	-0.1038	-0.1098	-1.26E-4	-3.68E-5	-1.01E-5
	CC19	0.0073	-0.0841	-0.1091	-1.12E-4	-2.39E-5	5.86E-6
	CC20	-0.0135	-0.0704	-0.1125	-9.85E-5	1.72E-5	9.89E-6
	CC21	-0.0197	-0.0508	-0.1118	-8.43E-5	3.02E-5	2.59E-5
62	CC1	-0.0017	-0.0013	-0.0985	-4.14E-5	-1.26E-6	1.28E-6
	CC2	-0.0017	-0.0013	-0.0985	-4.14E-5	-1.26E-6	1.28E-6
	CC3	-0.0017	-0.0013	-0.0985	-4.14E-5	-1.26E-6	1.28E-6
	CC4	-0.0016	-0.0013	-0.0946	-3.69E-5	-1.43E-6	1.14E-6
	CC5	-0.0016	-0.0013	-0.0946	-3.69E-5	-1.43E-6	1.14E-6
	CC6	0.0399	-0.0370	-0.0882	-7.03E-5	-8.50E-5	-3.66E-5
	CC7	0.0395	-0.0311	-0.0889	-6.47E-5	-8.35E-5	-3.18E-5
	CC8	0.0409	-0.0826	-0.0818	-1.22E-4	-8.86E-5	-3.27E-5
	CC9	0.0404	-0.0767	-0.0825	-1.16E-4	-8.70E-5	-2.79E-5
	CC10	-0.0437	0.0742	-0.1041	4.54E-5	8.40E-5	3.01E-5
	CC11	-0.0441	0.0802	-0.1048	5.10E-5	8.56E-5	3.49E-5
	CC12	-0.0427	0.0286	-0.0977	-6.10E-6	8.05E-5	3.40E-5
	CC13	-0.0431	0.0345	-0.0984	-5.31E-7	8.20E-5	3.88E-5
	CC14	0.0101	0.0483	-0.1005	2.39E-5	-2.35E-5	-2.34E-5
	CC15	0.0085	0.0680	-0.1027	4.23E-5	-1.84E-5	-7.41E-6
	CC16	-0.0150	0.0817	-0.1052	5.86E-5	2.72E-5	-3.38E-6
	CC17	-0.0166	0.1013	-0.1074	7.70E-5	3.24E-5	1.26E-5
	CC18	0.0134	-0.1038	-0.0792	-1.48E-4	-3.54E-5	-1.04E-5
	CC19	0.0118	-0.0841	-0.0814	-1.29E-4	-3.02E-5	5.58E-6
	CC20	-0.0117	-0.0704	-0.0839	-1.13E-4	1.54E-5	9.61E-6
	CC21	-0.0133	-0.0507	-0.0861	-9.47E-5	2.05E-5	2.56E-5
63	CC1	-0.0053	-0.0020	-0.1027	6.01E-5	4.82E-6	2.38E-6
	CC2	-0.0053	-0.0020	-0.1027	6.01E-5	4.82E-6	2.38E-6
	CC3	-0.0053	-0.0020	-0.1027	6.01E-5	4.82E-6	2.38E-6

	CC4	-0.0050	-0.0018	-0.0980	5.67E-5	4.50E-6	2.22E-6
	CC5	-0.0050	-0.0018	-0.0980	5.67E-5	4.50E-6	2.22E-6
	CC6	0.0530	-0.0239	-0.0974	-1.09E-5	-1.21E-4	-3.56E-5
	CC7	0.0481	-0.0197	-0.0974	3.71E-6	-1.10E-4	-3.07E-5
	CC8	0.0499	-0.0709	-0.0920	-2.07E-4	-1.11E-4	-3.17E-5
	CC9	0.0450	-0.0667	-0.0920	-1.92E-4	-9.97E-5	-2.68E-5
	CC10	-0.0547	0.0632	-0.1008	3.03E-4	1.08E-4	3.12E-5
	CC11	-0.0597	0.0674	-0.1008	3.18E-4	1.19E-4	3.60E-5
	CC12	-0.0578	0.0161	-0.0954	1.07E-4	1.18E-4	3.51E-5
	CC13	-0.0628	0.0203	-0.0954	1.22E-4	1.29E-4	3.99E-5
	CC14	0.0247	0.0566	-0.1050	3.10E-4	-6.47E-5	-2.23E-5
	CC15	0.0082	0.0705	-0.1048	3.59E-4	-2.83E-5	-6.34E-6
	CC16	-0.0076	0.0828	-0.1060	4.04E-4	3.99E-6	-2.31E-6
	CC17	-0.0241	0.0966	-0.1059	4.53E-4	4.04E-5	1.37E-5
	CC18	0.0144	-0.1001	-0.0870	-3.42E-4	-3.16E-5	-9.34E-6
	CC19	-0.0021	-0.0863	-0.0868	-2.93E-4	4.81E-6	6.65E-6
	CC20	-0.0180	-0.0740	-0.0880	-2.48E-4	3.71E-5	1.07E-5
	CC21	-0.0345	-0.0602	-0.0878	-1.99E-4	7.35E-5	2.67E-5
64	CC1	-0.0015	-0.0018	-0.1115	-5.02E-5	-1.73E-7	1.82E-6
	CC2	-0.0015	-0.0018	-0.1115	-5.02E-5	-1.73E-7	1.82E-6
	CC3	-0.0015	-0.0018	-0.1115	-5.02E-5	-1.73E-7	1.82E-6
	CC4	-0.0014	-0.0016	-0.1065	-4.68E-5	-2.35E-6	1.75E-6
	CC5	-0.0014	-0.0016	-0.1065	-4.68E-5	-2.35E-6	1.75E-6
	CC6	0.0449	-0.0237	-0.0850	-8.97E-5	-1.31E-5	-3.60E-5
	CC7	0.0430	-0.0195	-0.0855	-7.83E-5	-1.26E-5	-3.12E-5
	CC8	0.0442	-0.0707	-0.0880	-2.75E-4	-8.01E-6	-3.21E-5
	CC9	0.0423	-0.0665	-0.0884	-2.63E-4	-7.48E-6	-2.73E-5
	CC10	-0.0450	0.0633	-0.1211	1.72E-4	1.32E-6	3.07E-5
	CC11	-0.0469	0.0675	-0.1215	1.84E-4	1.85E-6	3.56E-5
	CC12	-0.0457	0.0163	-0.1241	-1.29E-5	6.44E-6	3.46E-5
	CC13	-0.0475	0.0205	-0.1245	-1.46E-6	6.97E-6	3.95E-5
	CC14	0.0163	0.0568	-0.0937	2.05E-4	-1.47E-5	-2.28E-5
	CC15	0.0102	0.0707	-0.0951	2.42E-4	-1.29E-5	-6.79E-6
	CC16	-0.0106	0.0829	-0.1045	2.83E-4	-1.03E-5	-2.76E-6
	CC17	-0.0168	0.0968	-0.1059	3.21E-4	-8.57E-6	1.32E-5
	CC18	0.0141	-0.1000	-0.1036	-4.12E-4	2.41E-6	-9.78E-6
	CC19	0.0079	-0.0861	-0.1050	-3.74E-4	4.17E-6	6.21E-6
	CC20	-0.0129	-0.0739	-0.1144	-3.34E-4	6.75E-6	1.02E-5
	CC21	-0.0190	-0.0600	-0.1159	-2.96E-4	8.51E-6	2.62E-5
65	CC1	-0.0015	-0.0018	-0.0999	-2.94E-5	-1.79E-6	5.25E-7
	CC2	-0.0015	-0.0018	-0.0999	-2.94E-5	-1.79E-6	5.25E-7
	CC3	-0.0015	-0.0018	-0.0999	-2.94E-5	-1.79E-6	5.25E-7
	CC4	-0.0014	-0.0016	-0.0962	-2.74E-5	-2.07E-6	4.68E-7
	CC5	-0.0014	-0.0016	-0.0962	-2.74E-5	-2.07E-6	4.68E-7
	CC6	0.0402	-0.0237	-0.0861	-8.29E-5	-8.43E-5	-3.73E-5
	CC7	0.0397	-0.0195	-0.0864	-7.01E-5	-8.29E-5	-3.24E-5
	CC8	0.0412	-0.0707	-0.0830	-2.62E-4	-9.09E-5	-3.34E-5
	CC9	0.0407	-0.0665	-0.0834	-2.49E-4	-8.95E-5	-2.86E-5
	CC10	-0.0434	0.0634	-0.1065	1.96E-4	8.52E-5	2.94E-5
	CC11	-0.0439	0.0676	-0.1069	2.08E-4	8.66E-5	3.43E-5
	CC12	-0.0424	0.0164	-0.1035	1.66E-5	7.86E-5	3.33E-5
	CC13	-0.0429	0.0205	-0.1038	2.93E-5	8.00E-5	3.82E-5
	CC14	0.0103	0.0568	-0.0964	2.09E-4	-1.89E-5	-2.41E-5
	CC15	0.0087	0.0707	-0.0975	2.51E-4	-1.43E-5	-8.06E-6
	CC16	-0.0148	0.0830	-0.1025	2.92E-4	3.19E-5	-4.03E-6
	CC17	-0.0163	0.0968	-0.1037	3.35E-4	3.65E-5	1.20E-5
	CC18	0.0136	-0.0999	-0.0862	-3.88E-4	-4.09E-5	-1.11E-5
	CC19	0.0120	-0.0861	-0.0874	-3.46E-4	-3.62E-5	4.93E-6
	CC20	-0.0115	-0.0738	-0.0924	-3.05E-4	9.97E-6	8.96E-6
	CC21	-0.0131	-0.0600	-0.0935	-2.62E-4	1.46E-5	2.50E-5
66	CC1	-0.0052	-0.0026	-0.1038	5.78E-5	4.55E-6	2.62E-6
	CC2	-0.0052	-0.0026	-0.1038	5.78E-5	4.55E-6	2.62E-6
	CC3	-0.0052	-0.0026	-0.1038	5.78E-5	4.55E-6	2.62E-6
	CC4	-0.0049	-0.0024	-0.0990	5.44E-5	4.20E-6	2.48E-6
	CC5	-0.0049	-0.0024	-0.0990	5.44E-5	4.20E-6	2.48E-6
	CC6	0.0531	-0.0104	-0.0930	4.11E-5	-1.27E-4	-3.53E-5
	CC7	0.0482	-0.0080	-0.0930	4.90E-5	-1.15E-4	-3.05E-5
	CC8	0.0500	-0.0589	-0.0981	-1.65E-4	-1.16E-4	-3.14E-5
	CC9	0.0451	-0.0565	-0.0981	-1.57E-4	-1.05E-4	-2.66E-5
	CC10	-0.0546	0.0518	-0.0968	2.63E-4	1.13E-4	3.14E-5
	CC11	-0.0596	0.0542	-0.0968	2.71E-4	1.25E-4	3.63E-5
	CC12	-0.0577	0.0033	-0.1019	5.76E-5	1.24E-4	3.53E-5

	CC13	-0.0627	0.0057	-0.1019	6.55E-5	1.35E-4	4.02E-5
	CC14	0.0248	0.0652	-0.0883	3.50E-4	-6.84E-5	-2.21E-5
	CC15	0.0083	0.0731	-0.0883	3.76E-4	-3.04E-5	-6.07E-6
	CC16	-0.0075	0.0838	-0.0894	4.17E-4	3.60E-6	-2.04E-6
	CC17	-0.0240	0.0917	-0.0895	4.43E-4	4.16E-5	1.39E-5
	CC18	0.0144	-0.0965	-0.1054	-3.36E-4	-3.34E-5	-9.07E-6
	CC19	-0.0020	-0.0886	-0.1055	-3.10E-4	4.58E-6	6.92E-6
	CC20	-0.0179	-0.0778	-0.1066	-2.69E-4	3.86E-5	1.10E-5
	CC21	-0.0344	-0.0699	-0.1066	-2.43E-4	7.65E-5	2.69E-5
67	CC1	-0.0011	-0.0025	-0.1077	-2.16E-5	1.13E-5	1.75E-6
	CC2	-0.0011	-0.0025	-0.1077	-2.16E-5	1.13E-5	1.75E-6
	CC3	-0.0011	-0.0025	-0.1077	-2.16E-5	1.13E-5	1.75E-6
	CC4	-0.0010	-0.0023	-0.1037	-2.02E-5	9.99E-6	1.68E-6
	CC5	-0.0010	-0.0023	-0.1037	-2.02E-5	9.99E-6	1.68E-6
	CC6	0.0452	-0.0103	-0.0758	-3.01E-5	-8.10E-5	-3.61E-5
	CC7	0.0433	-0.0079	-0.0765	-2.23E-5	-7.71E-5	-3.12E-5
	CC8	0.0445	-0.0588	-0.0789	-2.44E-4	-7.95E-5	-3.22E-5
	CC9	0.0427	-0.0564	-0.0795	-2.36E-4	-7.56E-5	-2.73E-5
	CC10	-0.0446	0.0519	-0.1253	1.97E-4	9.47E-5	3.07E-5
	CC11	-0.0465	0.0543	-0.1260	2.05E-4	9.86E-5	3.55E-5
	CC12	-0.0453	0.0034	-0.1284	-1.73E-5	9.62E-5	3.46E-5
	CC13	-0.0472	0.0058	-0.1290	-9.50E-6	1.00E-4	3.94E-5
	CC14	0.0167	0.0653	-0.0889	2.90E-4	-2.58E-5	-2.28E-5
	CC15	0.0105	0.0732	-0.0910	3.16E-4	-1.29E-5	-6.85E-6
	CC16	-0.0103	0.0839	-0.1038	3.58E-4	2.69E-5	-2.82E-6
	CC17	-0.0164	0.0918	-0.1058	3.84E-4	3.98E-5	1.32E-5
	CC18	0.0145	-0.0964	-0.0990	-4.24E-4	-2.07E-5	-9.85E-6
	CC19	0.0083	-0.0885	-0.1011	-3.98E-4	-7.80E-6	6.14E-6
	CC20	-0.0125	-0.0777	-0.1138	-3.55E-4	3.20E-5	1.02E-5
	CC21	-0.0187	-0.0698	-0.1159	-3.30E-4	4.49E-5	2.62E-5
68	CC1	-0.0012	-0.0024	-0.1027	-2.25E-5	7.14E-6	1.37E-6
	CC2	-0.0012	-0.0024	-0.1027	-2.25E-5	7.14E-6	1.37E-6
	CC3	-0.0012	-0.0024	-0.1027	-2.25E-5	7.14E-6	1.37E-6
	CC4	-0.0011	-0.0023	-0.0993	-2.09E-5	5.98E-6	1.27E-6
	CC5	-0.0011	-0.0023	-0.0993	-2.09E-5	5.98E-6	1.27E-6
	CC6	0.0404	-0.0103	-0.0759	-1.40E-5	-1.14E-5	-3.65E-5
	CC7	0.0400	-0.0079	-0.0759	-8.66E-6	-9.26E-6	-3.17E-5
	CC8	0.0414	-0.0588	-0.0796	-2.12E-4	-4.65E-5	-3.26E-5
	CC9	0.0409	-0.0564	-0.0796	-2.06E-4	-4.44E-5	-2.78E-5
	CC10	-0.0432	0.0519	-0.1168	1.66E-4	5.56E-5	3.02E-5
	CC11	-0.0436	0.0543	-0.1168	1.71E-4	5.77E-5	3.51E-5
	CC12	-0.0422	0.0034	-0.1206	-3.22E-5	2.04E-5	3.41E-5
	CC13	-0.0427	0.0058	-0.1206	-2.69E-5	2.25E-5	3.90E-5
	CC14	0.0106	0.0653	-0.0858	2.74E-4	5.07E-5	-2.33E-5
	CC15	0.0090	0.0732	-0.0859	2.91E-4	5.76E-5	-7.28E-6
	CC16	-0.0145	0.0840	-0.0981	3.27E-4	7.08E-5	-3.25E-6
	CC17	-0.0161	0.0919	-0.0981	3.45E-4	7.77E-5	1.27E-5
	CC18	0.0138	-0.0963	-0.0983	-3.86E-4	-6.66E-5	-1.03E-5
	CC19	0.0123	-0.0884	-0.0983	-3.68E-4	-5.96E-5	5.71E-6
	CC20	-0.0112	-0.0777	-0.1106	-3.32E-4	-4.65E-5	9.74E-6
	CC21	-0.0128	-0.0698	-0.1106	-3.14E-4	-3.95E-5	2.57E-5
69	CC1	-0.0050	-0.0031	-0.1056	5.55E-5	2.95E-6	1.21E-6
	CC2	-0.0050	-0.0031	-0.1056	5.55E-5	2.95E-6	1.21E-6
	CC3	-0.0050	-0.0031	-0.1056	5.55E-5	2.95E-6	1.21E-6
	CC4	-0.0047	-0.0029	-0.1007	5.23E-5	2.66E-6	1.11E-6
	CC5	-0.0047	-0.0029	-0.1007	5.23E-5	2.66E-6	1.11E-6
	CC6	0.0533	0.0032	-0.0955	9.65E-5	-1.28E-4	-3.67E-5
	CC7	0.0483	0.0037	-0.0956	9.71E-5	-1.17E-4	-3.18E-5
	CC8	0.0502	-0.0468	-0.0986	-1.18E-4	-1.17E-4	-3.28E-5
	CC9	0.0452	-0.0462	-0.0986	-1.18E-4	-1.05E-4	-2.79E-5
	CC10	-0.0544	0.0406	-0.0996	2.20E-4	1.10E-4	3.01E-5
	CC11	-0.0594	0.0412	-0.0997	2.21E-4	1.22E-4	3.49E-5
	CC12	-0.0575	-0.0094	-0.1026	5.30E-6	1.22E-4	3.40E-5
	CC13	-0.0625	-0.0088	-0.1027	5.90E-6	1.33E-4	3.88E-5
	CC14	0.0250	0.0738	-0.0933	3.90E-4	-7.15E-5	-2.34E-5
	CC15	0.0085	0.0758	-0.0936	3.92E-4	-3.37E-5	-7.44E-6
	CC16	-0.0073	0.0851	-0.0946	4.27E-4	1.31E-7	-3.41E-6
	CC17	-0.0238	0.0870	-0.0948	4.29E-4	3.79E-5	1.26E-5
	CC18	0.0146	-0.0926	-0.1034	-3.26E-4	-3.28E-5	-1.04E-5
	CC19	-0.0019	-0.0907	-0.1037	-3.24E-4	4.99E-6	5.56E-6
	CC20	-0.0177	-0.0814	-0.1047	-2.89E-4	3.88E-5	9.59E-6
	CC21	-0.0342	-0.0795	-0.1049	-2.87E-4	7.66E-5	2.56E-5

70	CC1	-0.0008	-0.0030	-0.1058	-2.11E-5	3.24E-8	4.25E-7
	CC2	-0.0008	-0.0030	-0.1058	-2.11E-5	3.24E-8	4.25E-7
	CC3	-0.0008	-0.0030	-0.1058	-2.11E-5	3.24E-8	4.25E-7
	CC4	-0.0007	-0.0028	-0.1021	-1.97E-5	-7.43E-8	3.54E-7
	CC5	-0.0007	-0.0028	-0.1021	-1.97E-5	-7.43E-8	3.54E-7
	CC6	0.0455	0.0033	-0.0870	2.44E-5	-1.47E-4	-3.74E-5
	CC7	0.0436	0.0038	-0.0871	2.54E-5	-1.41E-4	-3.26E-5
	CC8	0.0448	-0.0467	-0.0902	-1.98E-4	-1.46E-4	-3.35E-5
	CC9	0.0430	-0.0461	-0.0903	-1.97E-4	-1.40E-4	-2.87E-5
	CC10	-0.0443	0.0407	-0.1113	1.59E-4	1.40E-4	2.93E-5
	CC11	-0.0462	0.0412	-0.1114	1.60E-4	1.46E-4	3.42E-5
	CC12	-0.0450	-0.0093	-0.1145	-6.40E-5	1.41E-4	3.32E-5
	CC13	-0.0469	-0.0087	-0.1146	-6.30E-5	1.47E-4	3.81E-5
	CC14	0.0170	0.0739	-0.0916	3.30E-4	-5.54E-5	-2.42E-5
	CC15	0.0108	0.0759	-0.0919	3.34E-4	-3.43E-5	-8.18E-6
	CC16	-0.0100	0.0852	-0.0989	3.71E-4	3.08E-5	-4.15E-6
	CC17	-0.0161	0.0871	-0.0992	3.74E-4	5.19E-5	1.18E-5
	CC18	0.0148	-0.0925	-0.1024	-4.13E-4	-5.21E-5	-1.12E-5
	CC19	0.0086	-0.0906	-0.1027	-4.09E-4	-3.10E-5	4.81E-6
	CC20	-0.0122	-0.0813	-0.1097	-3.72E-4	3.41E-5	8.84E-6
	CC21	-0.0184	-0.0794	-0.1100	-3.69E-4	5.52E-5	2.48E-5
71	CC1	-0.0011	-0.0030	-0.0968	-1.57E-5	2.85E-6	1.06E-6
	CC2	-0.0011	-0.0030	-0.0968	-1.57E-5	2.85E-6	1.06E-6
	CC3	-0.0011	-0.0030	-0.0968	-1.57E-5	2.85E-6	1.06E-6
	CC4	-0.0010	-0.0028	-0.0939	-1.47E-5	2.84E-6	9.91E-7
	CC5	-0.0010	-0.0028	-0.0939	-1.47E-5	2.84E-6	9.91E-7
	CC6	0.0406	0.0032	-0.0669	3.34E-5	-1.28E-4	-3.68E-5
	CC7	0.0401	0.0038	-0.0661	3.37E-5	-1.26E-4	-3.19E-5
	CC8	0.0415	-0.0467	-0.0866	-1.70E-4	-1.37E-4	-3.29E-5
	CC9	0.0411	-0.0462	-0.0857	-1.70E-4	-1.35E-4	-2.80E-5
	CC10	-0.0430	0.0406	-0.1000	1.41E-4	1.41E-4	3.00E-5
	CC11	-0.0435	0.0412	-0.0992	1.42E-4	1.43E-4	3.48E-5
	CC12	-0.0421	-0.0093	-0.1197	-6.23E-5	1.32E-4	3.39E-5
	CC13	-0.0425	-0.0087	-0.1188	-6.21E-5	1.34E-4	3.87E-5
	CC14	0.0107	0.0739	-0.0565	3.09E-4	-2.59E-5	-2.35E-5
	CC15	0.0091	0.0758	-0.0537	3.09E-4	-1.92E-5	-7.54E-6
	CC16	-0.0144	0.0851	-0.0665	3.41E-4	5.48E-5	-3.52E-6
	CC17	-0.0159	0.0871	-0.0637	3.42E-4	6.15E-5	1.25E-5
	CC18	0.0140	-0.0926	-0.1221	-3.70E-4	-5.58E-5	-1.05E-5
	CC19	0.0124	-0.0907	-0.1193	-3.70E-4	-4.92E-5	5.45E-6
	CC20	-0.0111	-0.0814	-0.1320	-3.38E-4	2.49E-5	9.48E-6
	CC21	-0.0127	-0.0794	-0.1292	-3.37E-4	3.15E-5	2.55E-5
72	CC1	-0.0048	-0.0025	-0.1110	5.61E-5	-6.39E-6	8.38E-7
	CC2	-0.0048	-0.0025	-0.1110	5.61E-5	-6.39E-6	8.38E-7
	CC3	-0.0048	-0.0025	-0.1110	5.61E-5	-6.39E-6	8.38E-7
	CC4	-0.0045	-0.0023	-0.1059	5.30E-5	-6.34E-6	7.26E-7
	CC5	-0.0045	-0.0023	-0.1059	5.30E-5	-6.34E-6	7.26E-7
	CC6	0.0536	0.0309	-0.0990	1.83E-4	-1.33E-4	-3.70E-5
	CC7	0.0486	0.0297	-0.0990	1.77E-4	-1.21E-4	-3.22E-5
	CC8	0.0504	-0.0205	-0.1055	-4.00E-5	-1.25E-4	-3.31E-5
	CC9	0.0455	-0.0216	-0.1056	-4.60E-5	-1.14E-4	-2.83E-5
	CC10	-0.0542	0.0172	-0.1029	1.50E-4	1.01E-4	2.97E-5
	CC11	-0.0592	0.0160	-0.1029	1.44E-4	1.13E-4	3.45E-5
	CC12	-0.0573	-0.0342	-0.1094	-7.31E-5	1.09E-4	3.36E-5
	CC13	-0.0623	-0.0353	-0.1095	-7.91E-5	1.20E-4	3.84E-5
	CC14	0.0252	0.0874	-0.0926	4.38E-4	-7.29E-5	-2.38E-5
	CC15	0.0087	0.0835	-0.0928	4.19E-4	-3.52E-5	-7.82E-6
	CC16	-0.0071	0.0832	-0.0938	4.28E-4	-2.68E-6	-3.79E-6
	CC17	-0.0236	0.0794	-0.0939	4.09E-4	3.50E-5	1.22E-5
	CC18	0.0149	-0.0838	-0.1145	-3.05E-4	-4.76E-5	-1.08E-5
	CC19	-0.0016	-0.0877	-0.1146	-3.25E-4	-9.97E-6	5.17E-6
	CC20	-0.0175	-0.0879	-0.1157	-3.15E-4	2.26E-5	9.20E-6
	CC21	-0.0339	-0.0918	-0.1158	-3.35E-4	6.02E-5	2.52E-5
73	CC1	-0.0001	-0.0023	-0.1070	-2.07E-5	-6.62E-6	-1.28E-6
	CC2	-0.0001	-0.0023	-0.1070	-2.07E-5	-6.62E-6	-1.28E-6
	CC3	-0.0001	-0.0023	-0.1070	-2.07E-5	-6.62E-6	-1.28E-6
	CC4	-0.0001	-0.0021	-0.1032	-1.92E-5	-6.07E-6	-1.30E-6
	CC5	-0.0001	-0.0021	-0.1032	-1.92E-5	-6.07E-6	-1.30E-6
	CC6	0.0461	0.0311	-0.1233	1.18E-4	-1.59E-4	-3.90E-5
	CC7	0.0442	0.0299	-0.1219	1.11E-4	-1.52E-4	-3.42E-5
	CC8	0.0454	-0.0203	-0.1262	-1.16E-4	-1.58E-4	-3.51E-5
	CC9	0.0436	-0.0215	-0.1249	-1.22E-4	-1.51E-4	-3.03E-5

	CC10	-0.0437	0.0174	-0.0789	8.48E-5	1.39E-4	2.77E-5
	CC11	-0.0456	0.0162	-0.0775	7.83E-5	1.46E-4	3.25E-5
	CC12	-0.0444	-0.0340	-0.0818	-1.49E-4	1.40E-4	3.16E-5
	CC13	-0.0462	-0.0351	-0.0805	-1.55E-4	1.47E-4	3.64E-5
	CC14	0.0176	0.0875	-0.1058	3.86E-4	-6.31E-5	-2.58E-5
	CC15	0.0114	0.0837	-0.1014	3.65E-4	-4.15E-5	-9.81E-6
	CC16	-0.0094	0.0834	-0.0925	3.76E-4	2.64E-5	-5.78E-6
	CC17	-0.0155	0.0796	-0.0881	3.55E-4	4.80E-5	1.02E-5
	CC18	0.0154	-0.0836	-0.1157	-3.92E-4	-5.97E-5	-1.28E-5
	CC19	0.0092	-0.0875	-0.1113	-4.14E-4	-3.81E-5	3.18E-6
	CC20	-0.0116	-0.0878	-0.1024	-4.02E-4	2.97E-5	7.21E-6
	CC21	-0.0177	-0.0916	-0.0979	-4.24E-4	5.13E-5	2.32E-5
74	CC1	-0.0010	-0.0022	-0.1070	-1.94E-5	-3.26E-6	-1.07E-6
	CC2	-0.0010	-0.0022	-0.1070	-1.94E-5	-3.26E-6	-1.07E-6
	CC3	-0.0010	-0.0022	-0.1070	-1.94E-5	-3.26E-6	-1.07E-6
	CC4	-0.0009	-0.0021	-0.1032	-1.73E-5	-3.02E-6	-1.04E-6
	CC5	-0.0009	-0.0021	-0.1032	-1.73E-5	-3.02E-6	-1.04E-6
	CC6	0.0407	0.0314	-0.0953	3.44E-5	-1.03E-4	-3.88E-5
	CC7	0.0402	0.0302	-0.0949	3.17E-5	-1.03E-4	-3.39E-5
	CC8	0.0417	-0.0200	-0.0986	-9.35E-5	-9.17E-5	-3.49E-5
	CC9	0.0412	-0.0211	-0.0982	-9.63E-5	-9.15E-5	-3.00E-5
	CC10	-0.0429	0.0171	-0.1057	6.30E-5	8.56E-5	2.80E-5
	CC11	-0.0434	0.0159	-0.1053	6.03E-5	8.58E-5	3.28E-5
	CC12	-0.0419	-0.0343	-0.1090	-6.49E-5	9.67E-5	3.19E-5
	CC13	-0.0424	-0.0354	-0.1086	-6.76E-5	9.68E-5	3.67E-5
	CC14	0.0108	0.0875	-0.0956	1.97E-4	-4.99E-5	-2.55E-5
	CC15	0.0093	0.0838	-0.0942	1.88E-4	-4.93E-5	-9.54E-6
	CC16	-0.0143	0.0832	-0.0987	2.05E-4	6.64E-6	-5.52E-6
	CC17	-0.0158	0.0795	-0.0973	1.96E-4	7.25E-6	1.05E-5
	CC18	0.0141	-0.0835	-0.1065	-2.30E-4	-1.31E-5	-1.25E-5
	CC19	0.0125	-0.0873	-0.1051	-2.39E-4	-1.25E-5	3.45E-6
	CC20	-0.0110	-0.0878	-0.1096	-2.21E-4	4.34E-5	7.48E-6
	CC21	-0.0126	-0.0915	-0.1083	-2.30E-4	4.40E-5	2.35E-5
75	CC1	-0.0043	-0.0024	-0.1248	5.75E-5	-1.48E-5	5.34E-7
	CC2	-0.0043	-0.0024	-0.1248	5.75E-5	-1.48E-5	5.34E-7
	CC3	-0.0043	-0.0024	-0.1248	5.75E-5	-1.48E-5	5.34E-7
	CC4	-0.0041	-0.0021	-0.1192	5.45E-5	-1.45E-5	5.62E-7
	CC5	-0.0041	-0.0021	-0.1192	5.45E-5	-1.45E-5	5.62E-7
	CC6	0.0539	0.0326	-0.1099	2.03E-4	-1.37E-4	-3.72E-5
	CC7	0.0490	0.0297	-0.1100	1.93E-4	-1.26E-4	-3.23E-5
	CC8	0.0508	-0.0201	-0.1173	-1.97E-5	-1.31E-4	-3.33E-5
	CC9	0.0459	-0.0231	-0.1174	-3.04E-5	-1.21E-4	-2.84E-5
	CC10	-0.0538	0.0189	-0.1173	1.37E-4	9.16E-5	2.96E-5
	CC11	-0.0588	0.0160	-0.1174	1.27E-4	1.02E-4	3.44E-5
	CC12	-0.0569	-0.0338	-0.1248	-8.58E-5	9.74E-5	3.35E-5
	CC13	-0.0619	-0.0368	-0.1248	-9.64E-5	1.08E-4	3.83E-5
	CC14	0.0256	0.0928	-0.1038	4.53E-4	-7.57E-5	-2.39E-5
	CC15	0.0091	0.0831	-0.1041	4.18E-4	-4.07E-5	-7.94E-6
	CC16	-0.0067	0.0887	-0.1060	4.33E-4	-7.20E-6	-3.91E-6
	CC17	-0.0232	0.0790	-0.1063	3.98E-4	2.79E-5	1.21E-5
	CC18	0.0153	-0.0831	-0.1284	-2.91E-4	-5.67E-5	-1.09E-5
	CC19	-0.0012	-0.0928	-0.1288	-3.26E-4	-2.17E-5	5.06E-6
	CC20	-0.0171	-0.0872	-0.1307	-3.11E-4	1.18E-5	9.08E-6
	CC21	-0.0336	-0.0969	-0.1310	-3.46E-4	4.69E-5	2.51E-5
76	CC1	-0.0001	-0.0023	-0.1214	-6.09E-5	-1.17E-5	2.02E-7
	CC2	-0.0001	-0.0023	-0.1214	-6.09E-5	-1.17E-5	2.02E-7
	CC3	-0.0001	-0.0023	-0.1214	-6.09E-5	-1.17E-5	2.02E-7
	CC4	-0.0001	-0.0021	-0.1165	-5.67E-5	-1.11E-5	1.78E-7
	CC5	-0.0001	-0.0021	-0.1165	-5.67E-5	-1.11E-5	1.78E-7
	CC6	0.0461	0.0327	-0.1237	8.78E-5	-9.61E-5	-3.76E-5
	CC7	0.0443	0.0298	-0.1235	7.58E-5	-9.32E-5	-3.27E-5
	CC8	0.0454	-0.0201	-0.1263	-1.23E-4	-9.89E-5	-3.37E-5
	CC9	0.0436	-0.0230	-0.1261	-1.35E-4	-9.59E-5	-2.88E-5
	CC10	-0.0437	0.0190	-0.1036	2.40E-5	7.40E-5	2.92E-5
	CC11	-0.0456	0.0161	-0.1034	1.20E-5	7.70E-5	3.40E-5
	CC12	-0.0444	-0.0338	-0.1062	-1.86E-4	7.12E-5	3.31E-5
	CC13	-0.0463	-0.0367	-0.1060	-1.98E-4	7.42E-5	3.79E-5
	CC14	0.0176	0.0929	-0.1138	3.25E-4	-3.68E-5	-2.43E-5
	CC15	0.0114	0.0832	-0.1132	2.85E-4	-2.69E-5	-8.34E-6
	CC16	-0.0093	0.0887	-0.1078	3.06E-4	1.43E-5	-4.31E-6
	CC17	-0.0155	0.0791	-0.1071	2.66E-4	2.41E-5	1.17E-5
	CC18	0.0154	-0.0830	-0.1225	-3.76E-4	-4.60E-5	-1.13E-5

	CC19	0.0092	-0.0927	-0.1219	-4.16E-4	-3.62E-5	4.65E-6
	CC20	-0.0116	-0.0872	-0.1165	-3.96E-4	5.01E-6	8.68E-6
	CC21	-0.0178	-0.0968	-0.1158	-4.35E-4	1.48E-5	2.47E-5
77	CC1	-0.0005	-0.0024	-0.0972	-2.89E-5	-2.54E-7	2.10E-6
	CC2	-0.0005	-0.0024	-0.0972	-2.89E-5	-2.54E-7	2.10E-6
	CC3	-0.0005	-0.0024	-0.0972	-2.89E-5	-2.54E-7	2.10E-6
	CC4	-0.0005	-0.0021	-0.0943	-2.70E-5	-3.04E-7	2.01E-6
	CC5	-0.0005	-0.0021	-0.0943	-2.70E-5	-3.04E-7	2.01E-6
	CC6	0.0411	0.0326	-0.0919	6.49E-5	-1.50E-4	-3.58E-5
	CC7	0.0406	0.0297	-0.0924	5.86E-5	-1.48E-4	-3.09E-5
	CC8	0.0421	-0.0201	-0.0999	-5.34E-5	-1.48E-4	-3.19E-5
	CC9	0.0416	-0.0231	-0.1005	-5.97E-5	-1.46E-4	-2.70E-5
	CC10	-0.0425	0.0189	-0.0860	7.08E-6	1.45E-4	3.10E-5
	CC11	-0.0430	0.0160	-0.0866	7.92E-7	1.47E-4	3.58E-5
	CC12	-0.0415	-0.0338	-0.0941	-1.11E-4	1.47E-4	3.49E-5
	CC13	-0.0420	-0.0368	-0.0946	-1.18E-4	1.49E-4	3.97E-5
	CC14	0.0112	0.0928	-0.0798	1.90E-4	-5.07E-5	-2.25E-5
	CC15	0.0097	0.0831	-0.0817	1.69E-4	-4.54E-5	-6.53E-6
	CC16	-0.0138	0.0887	-0.0780	1.73E-4	3.78E-5	-2.51E-6
	CC17	-0.0154	0.0790	-0.0799	1.52E-4	4.31E-5	1.35E-5
	CC18	0.0145	-0.0831	-0.1066	-2.04E-4	-4.37E-5	-9.53E-6
	CC19	0.0129	-0.0928	-0.1085	-2.25E-4	-3.85E-5	6.46E-6
	CC20	-0.0106	-0.0872	-0.1049	-2.22E-4	4.48E-5	1.05E-5
	CC21	-0.0121	-0.0969	-0.1067	-2.43E-4	5.01E-5	2.65E-5
78	CC1	0.0005	-0.0013	-0.0938	9.49E-6	-5.13E-6	2.00E-6
	CC2	0.0005	-0.0013	-0.0938	9.49E-6	-5.13E-6	2.00E-6
	CC3	0.0005	-0.0013	-0.0938	9.49E-6	-5.13E-6	2.00E-6
	CC4	0.0005	-0.0011	-0.0912	9.75E-6	-5.17E-6	1.98E-6
	CC5	0.0005	-0.0011	-0.0912	9.75E-6	-5.17E-6	1.98E-6
	CC6	0.0379	0.0327	-0.1107	1.26E-4	-1.34E-4	-3.58E-5
	CC7	0.0391	0.0299	-0.1105	1.21E-4	-1.38E-4	-3.09E-5
	CC8	0.0400	-0.0199	-0.0970	1.26E-5	-1.46E-4	-3.19E-5
	CC9	0.0412	-0.0227	-0.0968	8.08E-6	-1.50E-4	-2.70E-5
	CC10	-0.0402	0.0206	-0.0838	1.16E-5	1.40E-4	3.10E-5
	CC11	-0.0390	0.0179	-0.0836	7.09E-6	1.36E-4	3.58E-5
	CC12	-0.0381	-0.0320	-0.0701	-1.02E-4	1.28E-4	3.49E-5
	CC13	-0.0369	-0.0347	-0.0699	-1.06E-4	1.24E-4	3.97E-5
	CC14	0.0067	0.0930	-0.1175	2.23E-4	-2.03E-5	-2.25E-5
	CC15	0.0106	0.0840	-0.1167	2.09E-4	-3.33E-5	-6.54E-6
	CC16	-0.0167	0.0893	-0.1094	1.89E-4	6.19E-5	-2.51E-6
	CC17	-0.0128	0.0803	-0.1087	1.74E-4	4.89E-5	1.35E-5
	CC18	0.0138	-0.0824	-0.0719	-1.55E-4	-5.93E-5	-9.54E-6
	CC19	0.0177	-0.0914	-0.0712	-1.69E-4	-7.23E-5	6.45E-6
	CC20	-0.0096	-0.0860	-0.0639	-1.89E-4	2.29E-5	1.05E-5
	CC21	-0.0057	-0.0950	-0.0631	-2.04E-4	9.94E-6	2.65E-5
79	CC1	-0.0037	-0.0023	-0.1366	3.50E-5	-1.01E-8	4.75E-6
	CC2	-0.0037	-0.0023	-0.1366	3.50E-5	-1.01E-8	4.75E-6
	CC3	-0.0037	-0.0023	-0.1366	3.50E-5	-1.01E-8	4.75E-6
	CC4	-0.0035	-0.0021	-0.1308	3.55E-5	-2.78E-7	4.56E-6
	CC5	-0.0035	-0.0021	-0.1308	3.55E-5	-2.78E-7	4.56E-6
	CC6	0.0545	0.0461	-0.1128	9.19E-5	-1.82E-4	-3.32E-5
	CC7	0.0495	0.0414	-0.1135	8.80E-5	-1.66E-4	-2.84E-5
	CC8	0.0514	-0.0081	-0.1267	3.54E-5	-1.70E-4	-2.93E-5
	CC9	0.0464	-0.0128	-0.1273	3.15E-5	-1.54E-4	-2.45E-5
	CC10	-0.0533	0.0087	-0.1304	3.99E-5	1.53E-4	3.35E-5
	CC11	-0.0582	0.0039	-0.1311	3.60E-5	1.69E-4	3.83E-5
	CC12	-0.0564	-0.0456	-0.1443	-1.67E-5	1.65E-4	3.74E-5
	CC13	-0.0614	-0.0503	-0.1450	-2.06E-5	1.81E-4	4.22E-5
	CC14	0.0262	0.1017	-0.1020	1.44E-4	-9.69E-5	-2.00E-5
	CC15	0.0097	0.0861	-0.1043	1.31E-4	-4.41E-5	-4.01E-6
	CC16	-0.0062	0.0905	-0.1073	1.29E-4	3.46E-6	1.73E-8
	CC17	-0.0227	0.0749	-0.1096	1.16E-4	5.62E-5	1.60E-5
	CC18	0.0158	-0.0790	-0.1482	-4.43E-5	-5.69E-5	-7.01E-6
	CC19	-0.0007	-0.0946	-0.1505	-5.72E-5	-4.19E-6	8.98E-6
	CC20	-0.0165	-0.0902	-0.1535	-5.99E-5	4.34E-5	1.30E-5
	CC21	-0.0330	-0.1059	-0.1558	-7.28E-5	9.61E-5	2.90E-5
80	CC1	0.0006	-0.0021	-0.1262	-2.98E-5	-1.54E-6	9.86E-7
	CC2	0.0006	-0.0021	-0.1262	-2.98E-5	-1.54E-6	9.86E-7
	CC3	0.0006	-0.0021	-0.1262	-2.98E-5	-1.54E-6	9.86E-7
	CC4	0.0006	-0.0020	-0.1214	-2.80E-5	-1.71E-6	9.34E-7
	CC5	0.0006	-0.0020	-0.1214	-2.80E-5	-1.71E-6	9.34E-7
	CC6	0.0468	0.0465	-0.1228	1.03E-4	-1.69E-4	-3.68E-5

	CC7	0.0450	0.0417	-0.1233	9.11E-5	-1.62E-4	-3.20E-5
	CC8	0.0462	-0.0078	-0.1294	-4.39E-5	-1.68E-4	-3.29E-5
	CC9	0.0443	-0.0125	-0.1299	-5.60E-5	-1.60E-4	-2.81E-5
	CC10	-0.0430	0.0086	-0.1096	1.30E-6	1.57E-4	2.99E-5
	CC11	-0.0449	0.0039	-0.1101	-1.09E-5	1.64E-4	3.47E-5
	CC12	-0.0437	-0.0456	-0.1162	-1.46E-4	1.58E-4	3.38E-5
	CC13	-0.0455	-0.0503	-0.1167	-1.58E-4	1.66E-4	3.86E-5
	CC14	0.0183	0.1020	-0.1099	2.53E-4	-6.54E-5	-2.36E-5
	CC15	0.0122	0.0863	-0.1116	2.13E-4	-4.15E-5	-7.60E-6
	CC16	-0.0086	0.0906	-0.1060	2.23E-4	3.24E-5	-3.57E-6
	CC17	-0.0148	0.0749	-0.1077	1.82E-4	5.63E-5	1.24E-5
	CC18	0.0161	-0.0788	-0.1318	-2.37E-4	-5.98E-5	-1.06E-5
	CC19	0.0099	-0.0945	-0.1335	-2.77E-4	-3.60E-5	5.40E-6
	CC20	-0.0109	-0.0902	-0.1279	-2.68E-4	3.80E-5	9.43E-6
	CC21	-0.0170	-0.1059	-0.1296	-3.08E-4	6.18E-5	2.54E-5
81	CC1	0.0003	-0.0020	-0.1206	-2.06E-5	-6.80E-6	-1.06E-6
	CC2	0.0003	-0.0020	-0.1206	-2.06E-5	-6.80E-6	-1.06E-6
	CC3	0.0003	-0.0020	-0.1206	-2.06E-5	-6.80E-6	-1.06E-6
	CC4	0.0003	-0.0019	-0.1165	-1.72E-5	-7.21E-6	-1.02E-6
	CC5	0.0003	-0.0019	-0.1165	-1.72E-5	-7.21E-6	-1.02E-6
	CC6	0.0419	0.0464	-0.1227	-3.08E-5	-9.53E-5	-3.87E-5
	CC7	0.0414	0.0416	-0.1225	-3.15E-5	-9.40E-5	-3.39E-5
	CC8	0.0428	-0.0079	-0.1188	-3.77E-5	-9.33E-5	-3.48E-5
	CC9	0.0424	-0.0126	-0.1186	-3.85E-5	-9.20E-5	-3.00E-5
	CC10	-0.0417	0.0089	-0.1118	6.29E-6	7.73E-5	2.80E-5
	CC11	-0.0422	0.0041	-0.1115	5.50E-6	7.86E-5	3.28E-5
	CC12	-0.0407	-0.0454	-0.1079	-6.48E-7	7.93E-5	3.19E-5
	CC13	-0.0412	-0.0501	-0.1077	-1.44E-6	8.07E-5	3.67E-5
	CC14	0.0120	0.1020	-0.1237	-8.76E-6	-3.89E-5	-2.55E-5
	CC15	0.0104	0.0863	-0.1228	-1.14E-5	-3.43E-5	-9.53E-6
	CC16	-0.0131	0.0907	-0.1204	2.35E-6	1.29E-5	-5.50E-6
	CC17	-0.0146	0.0751	-0.1196	-2.87E-7	1.75E-5	1.05E-5
	CC18	0.0153	-0.0788	-0.1108	-3.19E-5	-3.22E-5	-1.25E-5
	CC19	0.0137	-0.0944	-0.1100	-3.45E-5	-2.76E-5	3.47E-6
	CC20	-0.0098	-0.0900	-0.1075	-2.08E-5	1.96E-5	7.50E-6
	CC21	-0.0114	-0.1057	-0.1067	-2.34E-5	2.42E-5	2.35E-5
82	CC1	0.0004	-0.0019	-0.1094	-3.31E-5	-6.43E-6	-2.10E-7
	CC2	0.0004	-0.0019	-0.1094	-3.31E-5	-6.43E-6	-2.10E-7
	CC3	0.0004	-0.0019	-0.1094	-3.31E-5	-6.43E-6	-2.10E-7
	CC4	0.0004	-0.0018	-0.1066	-3.00E-5	-6.69E-6	-1.00E-7
	CC5	0.0004	-0.0018	-0.1066	-3.00E-5	-6.69E-6	-1.00E-7
	CC6	0.0378	0.0465	-0.1055	8.44E-5	-9.58E-5	-3.78E-5
	CC7	0.0389	0.0417	-0.1041	7.42E-5	-9.83E-5	-3.30E-5
	CC8	0.0399	-0.0078	-0.0900	-3.51E-5	-1.05E-4	-3.39E-5
	CC9	0.0411	-0.0125	-0.0886	-4.53E-5	-1.07E-4	-2.91E-5
	CC10	-0.0403	0.0090	-0.1228	-1.27E-5	9.38E-5	2.89E-5
	CC11	-0.0391	0.0043	-0.1214	-2.30E-5	9.13E-5	3.38E-5
	CC12	-0.0382	-0.0452	-0.1073	-1.32E-4	8.48E-5	3.28E-5
	CC13	-0.0370	-0.0500	-0.1059	-1.42E-4	8.23E-5	3.77E-5
	CC14	0.0066	0.1021	-0.1313	2.02E-4	-1.60E-5	-2.46E-5
	CC15	0.0105	0.0864	-0.1266	1.68E-4	-2.43E-5	-8.58E-6
	CC16	-0.0168	0.0908	-0.1365	1.72E-4	4.09E-5	-4.55E-6
	CC17	-0.0129	0.0752	-0.1317	1.39E-4	3.26E-5	1.14E-5
	CC18	0.0137	-0.0787	-0.0797	-1.97E-4	-4.62E-5	-1.16E-5
	CC19	0.0176	-0.0943	-0.0749	-2.31E-4	-5.44E-5	4.42E-6
	CC20	-0.0097	-0.0899	-0.0849	-2.26E-4	1.07E-5	8.45E-6
	CC21	-0.0058	-0.1056	-0.0801	-2.60E-4	2.47E-6	2.44E-5
83	CC1	-0.0029	-0.0018	-0.1352	5.42E-5	-4.80E-6	1.84E-7
	CC2	-0.0029	-0.0018	-0.1352	5.42E-5	-4.80E-6	1.84E-7
	CC3	-0.0029	-0.0018	-0.1352	5.42E-5	-4.80E-6	1.84E-7
	CC4	-0.0028	-0.0017	-0.1296	5.13E-5	-5.09E-6	1.58E-7
	CC5	-0.0028	-0.0017	-0.1296	5.13E-5	-5.09E-6	1.58E-7
	CC6	0.0552	0.0597	-0.1297	3.06E-4	-1.28E-4	-3.76E-5
	CC7	0.0502	0.0533	-0.1306	2.81E-4	-1.19E-4	-3.27E-5
	CC8	0.0521	0.0041	-0.1431	6.88E-5	-1.23E-4	-3.37E-5
	CC9	0.0471	-0.0024	-0.1440	4.31E-5	-1.14E-4	-2.89E-5
	CC10	-0.0525	-0.0009	-0.1114	5.75E-5	1.03E-4	2.92E-5
	CC11	-0.0575	-0.0074	-0.1123	3.18E-5	1.13E-4	3.40E-5
	CC12	-0.0556	-0.0565	-0.1247	-1.80E-4	1.09E-4	3.30E-5
	CC13	-0.0606	-0.0630	-0.1256	-2.06E-4	1.18E-4	3.79E-5
	CC14	0.0269	0.1108	-0.1067	5.26E-4	-6.41E-5	-2.44E-5
	CC15	0.0104	0.0895	-0.1096	4.41E-4	-3.33E-5	-8.36E-6

	CC16	-0.0054	0.0926	-0.1012	4.51E-4	5.35E-6	-4.33E-6
	CC17	-0.0219	0.0713	-0.1041	3.66E-4	3.61E-5	1.17E-5
	CC18	0.0165	-0.0746	-0.1512	-2.66E-4	-4.65E-5	-1.14E-5
	CC19	0.0000	-0.0959	-0.1542	-3.51E-4	-1.57E-5	4.63E-6
	CC20	-0.0158	-0.0927	-0.1457	-3.40E-4	2.29E-5	8.66E-6
	CC21	-0.0323	-0.1141	-0.1487	-4.25E-4	5.37E-5	2.47E-5
84	CC1	0.0016	-0.0016	-0.1306	-5.00E-5	1.81E-5	7.66E-7
	CC2	0.0016	-0.0016	-0.1306	-5.00E-5	1.81E-5	7.66E-7
	CC3	0.0016	-0.0016	-0.1306	-5.00E-5	1.81E-5	7.66E-7
	CC4	0.0016	-0.0015	-0.1255	-4.66E-5	1.47E-5	6.45E-7
	CC5	0.0016	-0.0015	-0.1255	-4.66E-5	1.47E-5	6.45E-7
	CC6	0.0478	0.0600	-0.1124	1.92E-4	1.22E-6	-3.71E-5
	CC7	0.0459	0.0536	-0.1133	1.68E-4	-2.98E-6	-3.23E-5
	CC8	0.0471	0.0044	-0.1188	-2.20E-5	-3.45E-5	-3.32E-5
	CC9	0.0453	-0.0021	-0.1198	-4.64E-5	-3.87E-5	-2.84E-5
	CC10	-0.0421	-0.0009	-0.1278	-4.46E-5	6.58E-5	2.96E-5
	CC11	-0.0439	-0.0074	-0.1288	-6.89E-5	6.16E-5	3.44E-5
	CC12	-0.0427	-0.0565	-0.1342	-2.59E-4	3.01E-5	3.35E-5
	CC13	-0.0446	-0.0630	-0.1352	-2.83E-4	2.59E-5	3.83E-5
	CC14	0.0193	0.1111	-0.1092	3.87E-4	7.03E-5	-2.39E-5
	CC15	0.0131	0.0897	-0.1124	3.06E-4	5.64E-5	-7.91E-6
	CC16	-0.0077	0.0928	-0.1138	3.16E-4	8.97E-5	-3.88E-6
	CC17	-0.0138	0.0714	-0.1170	2.35E-4	7.58E-5	1.21E-5
	CC18	0.0170	-0.0743	-0.1305	-3.26E-4	-4.87E-5	-1.09E-5
	CC19	0.0109	-0.0958	-0.1337	-4.07E-4	-6.26E-5	5.09E-6
	CC20	-0.0099	-0.0926	-0.1352	-3.97E-4	-2.93E-5	9.12E-6
	CC21	-0.0161	-0.1141	-0.1384	-4.78E-4	-4.32E-5	2.51E-5
85	CC1	0.0012	-0.0016	-0.1188	-1.43E-5	-1.52E-6	-5.16E-7
	CC2	0.0012	-0.0016	-0.1188	-1.43E-5	-1.52E-6	-5.16E-7
	CC3	0.0012	-0.0016	-0.1188	-1.43E-5	-1.52E-6	-5.16E-7
	CC4	0.0012	-0.0015	-0.1152	-1.18E-5	-1.76E-6	-4.69E-7
	CC5	0.0012	-0.0015	-0.1152	-1.18E-5	-1.76E-6	-4.69E-7
	CC6	0.0427	0.0583	-0.1184	9.41E-5	-1.61E-4	-3.82E-5
	CC7	0.0423	0.0520	-0.1188	8.46E-5	-1.59E-4	-3.34E-5
	CC8	0.0437	0.0028	-0.1206	-7.78E-6	-1.72E-4	-3.43E-5
	CC9	0.0433	-0.0034	-0.1210	-1.72E-5	-1.71E-4	-2.95E-5
	CC10	-0.0408	0.0004	-0.1069	-4.79E-6	1.67E-4	2.85E-5
	CC11	-0.0413	-0.0059	-0.1072	-1.42E-5	1.69E-4	3.34E-5
	CC12	-0.0399	-0.0551	-0.1091	-1.07E-4	1.56E-4	3.24E-5
	CC13	-0.0403	-0.0613	-0.1095	-1.16E-4	1.57E-4	3.73E-5
	CC14	0.0129	0.1099	-0.1112	1.89E-4	-3.49E-5	-2.50E-5
	CC15	0.0113	0.0893	-0.1125	1.58E-4	-2.93E-5	-8.97E-6
	CC16	-0.0122	0.0926	-0.1078	1.60E-4	6.35E-5	-4.94E-6
	CC17	-0.0138	0.0719	-0.1091	1.28E-4	6.91E-5	1.11E-5
	CC18	0.0162	-0.0749	-0.1188	-1.50E-4	-7.28E-5	-1.20E-5
	CC19	0.0146	-0.0956	-0.1201	-1.82E-4	-6.72E-5	4.03E-6
	CC20	-0.0089	-0.0923	-0.1154	-1.80E-4	2.57E-5	8.06E-6
	CC21	-0.0105	-0.1130	-0.1166	-2.11E-4	3.12E-5	2.40E-5
86	CC1	0.0009	-0.0016	-0.1103	-2.98E-5	-1.51E-6	-4.33E-7
	CC2	0.0009	-0.0016	-0.1103	-2.98E-5	-1.51E-6	-4.33E-7
	CC3	0.0009	-0.0016	-0.1103	-2.98E-5	-1.51E-6	-4.33E-7
	CC4	0.0009	-0.0015	-0.1077	-2.74E-5	-1.77E-6	-3.93E-7
	CC5	0.0009	-0.0015	-0.1077	-2.74E-5	-1.77E-6	-3.93E-7
	CC6	0.0383	0.0597	-0.1394	8.07E-5	-1.21E-4	-3.81E-5
	CC7	0.0395	0.0533	-0.1388	7.11E-5	-1.25E-4	-3.33E-5
	CC8	0.0405	0.0041	-0.1269	-2.14E-5	-1.34E-4	-3.42E-5
	CC9	0.0416	-0.0023	-0.1263	-3.09E-5	-1.38E-4	-2.94E-5
	CC10	-0.0397	-0.0006	-0.0873	-2.22E-5	1.34E-4	2.86E-5
	CC11	-0.0386	-0.0070	-0.0867	-3.18E-5	1.31E-4	3.35E-5
	CC12	-0.0376	-0.0562	-0.0748	-1.24E-4	1.21E-4	3.25E-5
	CC13	-0.0364	-0.0626	-0.0742	-1.34E-4	1.17E-4	3.73E-5
	CC14	0.0072	0.1109	-0.1364	1.75E-4	-1.20E-5	-2.49E-5
	CC15	0.0111	0.0896	-0.1345	1.43E-4	-2.43E-5	-8.89E-6
	CC16	-0.0163	0.0928	-0.1208	1.44E-4	6.47E-5	-4.86E-6
	CC17	-0.0123	0.0715	-0.1188	1.12E-4	5.23E-5	1.11E-5
	CC18	0.0142	-0.0744	-0.0947	-1.65E-4	-5.60E-5	-1.19E-5
	CC19	0.0182	-0.0957	-0.0928	-1.97E-4	-6.84E-5	4.10E-6
	CC20	-0.0092	-0.0925	-0.0791	-1.96E-4	2.06E-5	8.13E-6
	CC21	-0.0053	-0.1138	-0.0772	-2.28E-4	8.26E-6	2.41E-5
87	CC1	0.0025	-0.0020	-0.1119	7.15E-6	3.81E-5	-1.67E-6
	CC2	0.0025	-0.0020	-0.1119	7.15E-6	3.81E-5	-1.67E-6
	CC3	0.0025	-0.0020	-0.1119	7.15E-6	3.81E-5	-1.67E-6

	CC4	0.0024	-0.0018	-0.1091	7.85E-6	3.49E-5	-1.64E-6
	CC5	0.0024	-0.0018	-0.1091	7.85E-6	3.49E-5	-1.64E-6
	CC6	0.0439	0.0697	-0.1218	9.18E-5	-5.75E-5	-3.94E-5
	CC7	0.0435	0.0619	-0.1205	8.39E-5	-4.79E-5	-3.45E-5
	CC8	0.0449	0.0130	-0.1104	2.36E-5	9.96E-6	-3.55E-5
	CC9	0.0444	0.0052	-0.1091	1.56E-5	1.95E-5	-3.06E-5
	CC10	-0.0397	-0.0087	-0.1073	5.85E-7	4.83E-5	2.74E-5
	CC11	-0.0401	-0.0165	-0.1060	-7.40E-6	5.78E-5	3.22E-5
	CC12	-0.0387	-0.0654	-0.0959	-6.77E-5	1.16E-4	3.13E-5
	CC13	-0.0392	-0.0732	-0.0946	-7.57E-5	1.25E-4	3.61E-5
	CC14	0.0141	0.1173	-0.1315	1.49E-4	-1.10E-4	-2.61E-5
	CC15	0.0125	0.0916	-0.1272	1.22E-4	-7.86E-5	-1.01E-5
	CC16	-0.0110	0.0938	-0.1272	1.21E-4	-7.84E-5	-6.11E-6
	CC17	-0.0126	0.0681	-0.1228	9.50E-5	-4.69E-5	9.88E-6
	CC18	0.0173	-0.0716	-0.0936	-7.88E-5	1.15E-4	-1.31E-5
	CC19	0.0158	-0.0973	-0.0892	-1.05E-4	1.46E-4	2.86E-6
	CC20	-0.0077	-0.0951	-0.0892	-1.06E-4	1.46E-4	6.88E-6
	CC21	-0.0093	-0.1208	-0.0849	-1.33E-4	1.78E-4	2.29E-5
88	CC1	0.0012	-0.0020	-0.1100	-2.05E-5	2.28E-5	-1.82E-6
	CC2	0.0012	-0.0020	-0.1100	-2.05E-5	2.28E-5	-1.82E-6
	CC3	0.0012	-0.0020	-0.1100	-2.05E-5	2.28E-5	-1.82E-6
	CC4	0.0012	-0.0019	-0.1076	-1.93E-5	2.17E-5	-1.77E-6
	CC5	0.0012	-0.0019	-0.1076	-1.93E-5	2.17E-5	-1.77E-6
	CC6	0.0386	0.0696	-0.1367	3.81E-5	4.61E-5	-3.95E-5
	CC7	0.0398	0.0619	-0.1347	3.52E-5	5.14E-5	-3.46E-5
	CC8	0.0407	0.0129	-0.1168	2.39E-6	7.58E-5	-3.56E-5
	CC9	0.0419	0.0052	-0.1148	-4.80E-7	8.12E-5	-3.07E-5
	CC10	-0.0395	-0.0088	-0.0987	-3.75E-5	-3.87E-5	2.73E-5
	CC11	-0.0383	-0.0166	-0.0967	-4.03E-5	-3.33E-5	3.21E-5
	CC12	-0.0374	-0.0655	-0.0788	-7.32E-5	-8.91E-6	3.11E-5
	CC13	-0.0362	-0.0732	-0.0768	-7.60E-5	-3.53E-6	3.60E-5
	CC14	0.0074	0.1173	-0.1490	5.66E-5	-2.45E-5	-2.63E-5
	CC15	0.0113	0.0916	-0.1424	4.71E-5	-6.71E-6	-1.03E-5
	CC16	-0.0160	0.0938	-0.1376	3.40E-5	-4.99E-5	-6.23E-6
	CC17	-0.0121	0.0680	-0.1310	2.44E-5	-3.21E-5	9.76E-6
	CC18	0.0145	-0.0717	-0.0825	-6.24E-5	7.47E-5	-1.33E-5
	CC19	0.0184	-0.0974	-0.0759	-7.19E-5	9.25E-5	2.73E-6
	CC20	-0.0089	-0.0952	-0.0711	-8.51E-5	4.92E-5	6.76E-6
	CC21	-0.0050	-0.1209	-0.0645	-9.46E-5	6.70E-5	2.28E-5
89	CC1	-0.0017	-0.0023	-0.1249	8.80E-6	1.81E-5	4.47E-6
	CC2	-0.0017	-0.0023	-0.1249	8.80E-6	1.81E-5	4.47E-6
	CC3	-0.0017	-0.0023	-0.1249	8.80E-6	1.81E-5	4.47E-6
	CC4	-0.0015	-0.0021	-0.1212	9.88E-6	1.65E-5	4.29E-6
	CC5	-0.0015	-0.0021	-0.1212	9.88E-6	1.65E-5	4.29E-6
	CC6	0.0564	0.0755	-0.1271	2.52E-4	-2.11E-4	-3.35E-5
	CC7	0.0514	0.0669	-0.1298	2.27E-4	-1.91E-4	-2.87E-5
	CC8	0.0533	0.0182	-0.1556	6.14E-5	-1.98E-4	-2.96E-5
	CC9	0.0483	0.0096	-0.1583	3.60E-5	-1.78E-4	-2.48E-5
	CC10	-0.0513	-0.0137	-0.0816	-1.55E-5	2.10E-4	3.32E-5
	CC11	-0.0563	-0.0222	-0.0843	-4.09E-5	2.30E-4	3.81E-5
	CC12	-0.0545	-0.0710	-0.1101	-2.06E-4	2.23E-4	3.71E-5
	CC13	-0.0594	-0.0795	-0.1129	-2.32E-4	2.43E-4	4.20E-5
	CC14	0.0281	0.1210	-0.0747	4.10E-4	-1.01E-4	-2.03E-5
	CC15	0.0116	0.0927	-0.0837	3.26E-4	-3.65E-5	-4.28E-6
	CC16	-0.0043	0.0943	-0.0610	3.30E-4	2.48E-5	-2.48E-7
	CC17	-0.0207	0.0660	-0.0701	2.46E-4	8.97E-5	1.57E-5
	CC18	0.0177	-0.0700	-0.1699	-2.25E-4	-5.77E-5	-7.27E-6
	CC19	0.0012	-0.0983	-0.1789	-3.09E-4	7.30E-6	8.72E-6
	CC20	-0.0146	-0.0968	-0.1562	-3.06E-4	6.86E-5	1.27E-5
	CC21	-0.0311	-0.1251	-0.1652	-3.90E-4	1.34E-4	2.87E-5
90	CC1	0.0023	-0.0021	-0.1100	-2.24E-5	1.63E-5	1.48E-6
	CC2	0.0023	-0.0021	-0.1100	-2.24E-5	1.63E-5	1.48E-6
	CC3	0.0023	-0.0021	-0.1100	-2.24E-5	1.63E-5	1.48E-6
	CC4	0.0023	-0.0019	-0.1074	-2.13E-5	1.45E-5	1.41E-6
	CC5	0.0023	-0.0019	-0.1074	-2.13E-5	1.45E-5	1.41E-6
	CC6	0.0484	0.0754	-0.1149	2.12E-4	-1.30E-4	-3.63E-5
	CC7	0.0465	0.0669	-0.1183	1.87E-4	-1.24E-4	-3.15E-5
	CC8	0.0477	0.0181	-0.1384	3.14E-5	-1.35E-4	-3.24E-5
	CC9	0.0459	0.0096	-0.1418	6.93E-6	-1.29E-4	-2.76E-5
	CC10	-0.0414	-0.0134	-0.0712	-4.88E-5	1.57E-4	3.04E-5
	CC11	-0.0432	-0.0219	-0.0746	-7.32E-5	1.62E-4	3.52E-5
	CC12	-0.0420	-0.0707	-0.0948	-2.29E-4	1.52E-4	3.43E-5

	CC13	-0.0439	-0.0792	-0.0981	-2.54E-4	1.57E-4	3.91E-5
	CC14	0.0199	0.1210	-0.0683	3.59E-4	-3.04E-5	-2.31E-5
	CC15	0.0138	0.0928	-0.0795	2.78E-4	-1.15E-5	-7.12E-6
	CC16	-0.0071	0.0944	-0.0552	2.81E-4	5.55E-5	-3.09E-6
	CC17	-0.0132	0.0662	-0.0664	2.00E-4	7.44E-5	1.29E-5
	CC18	0.0177	-0.0699	-0.1467	-2.42E-4	-4.66E-5	-1.01E-5
	CC19	0.0116	-0.0982	-0.1578	-3.23E-4	-2.78E-5	5.87E-6
	CC20	-0.0093	-0.0966	-0.1336	-3.20E-4	3.93E-5	9.90E-6
	CC21	-0.0154	-0.1248	-0.1448	-4.01E-4	5.82E-5	2.59E-5
91	CC1	0.0024	-0.0018	-0.1074	-2.86E-6	5.66E-6	-7.98E-7
	CC2	0.0024	-0.0018	-0.1074	-2.86E-6	5.66E-6	-7.98E-7
	CC3	0.0024	-0.0018	-0.1074	-2.86E-6	5.66E-6	-7.98E-7
	CC4	0.0023	-0.0016	-0.1050	-2.23E-6	4.95E-6	-7.37E-7
	CC5	0.0023	-0.0016	-0.1050	-2.23E-6	4.95E-6	-7.37E-7
	CC6	0.0438	0.0758	-0.1319	2.17E-4	-1.29E-4	-3.84E-5
	CC7	0.0434	0.0672	-0.1293	1.94E-4	-1.26E-4	-3.36E-5
	CC8	0.0448	0.0185	-0.1125	4.64E-5	-1.24E-4	-3.45E-5
	CC9	0.0444	0.0100	-0.1100	2.33E-5	-1.21E-4	-2.97E-5
	CC10	-0.0397	-0.0130	-0.0985	-2.74E-5	1.30E-4	2.83E-5
	CC11	-0.0402	-0.0216	-0.0959	-5.05E-5	1.33E-4	3.31E-5
	CC12	-0.0388	-0.0703	-0.0792	-1.98E-4	1.35E-4	3.22E-5
	CC13	-0.0392	-0.0789	-0.0766	-2.21E-4	1.39E-4	3.70E-5
	CC14	0.0140	0.1214	-0.1458	3.58E-4	-4.87E-5	-2.52E-5
	CC15	0.0124	0.0932	-0.1372	2.81E-4	-3.78E-5	-9.23E-6
	CC16	-0.0111	0.0947	-0.1357	2.84E-4	2.91E-5	-5.20E-6
	CC17	-0.0127	0.0665	-0.1272	2.08E-4	4.00E-5	1.08E-5
	CC18	0.0173	-0.0696	-0.0813	-2.12E-4	-3.06E-5	-1.22E-5
	CC19	0.0157	-0.0978	-0.0727	-2.88E-4	-1.97E-5	3.77E-6
	CC20	-0.0078	-0.0962	-0.0712	-2.85E-4	4.72E-5	7.80E-6
	CC21	-0.0094	-0.1245	-0.0627	-3.62E-4	5.81E-5	2.38E-5
92	CC1	0.0013	-0.0018	-0.1063	-1.50E-5	-2.37E-8	-2.89E-6
	CC2	0.0013	-0.0018	-0.1063	-1.50E-5	-2.37E-8	-2.89E-6
	CC3	0.0013	-0.0018	-0.1063	-1.50E-5	-2.37E-8	-2.89E-6
	CC4	0.0013	-0.0016	-0.1040	-1.46E-5	-2.99E-7	-2.78E-6
	CC5	0.0013	-0.0016	-0.1040	-1.46E-5	-2.99E-7	-2.78E-6
	CC6	0.0387	0.0760	-0.1360	6.63E-6	-1.33E-4	-4.05E-5
	CC7	0.0399	0.0674	-0.1336	6.79E-6	-1.37E-4	-3.56E-5
	CC8	0.0408	0.0187	-0.1140	-8.78E-6	-1.45E-4	-3.66E-5
	CC9	0.0420	0.0101	-0.1116	-8.63E-6	-1.48E-4	-3.17E-5
	CC10	-0.0394	-0.0132	-0.0949	-2.02E-5	1.48E-4	2.63E-5
	CC11	-0.0382	-0.0217	-0.0925	-2.01E-5	1.44E-4	3.11E-5
	CC12	-0.0372	-0.0705	-0.0729	-3.56E-5	1.36E-4	3.02E-5
	CC13	-0.0361	-0.0790	-0.0705	-3.55E-5	1.32E-4	3.50E-5
	CC14	0.0075	0.1215	-0.1501	1.50E-5	-1.67E-5	-2.72E-5
	CC15	0.0114	0.0932	-0.1422	1.55E-5	-2.94E-5	-1.13E-5
	CC16	-0.0159	0.0948	-0.1378	6.99E-6	6.75E-5	-7.22E-6
	CC17	-0.0120	0.0665	-0.1299	7.49E-6	5.48E-5	8.77E-6
	CC18	0.0146	-0.0695	-0.0766	-3.63E-5	-5.56E-5	-1.42E-5
	CC19	0.0185	-0.0978	-0.0687	-3.58E-5	-6.83E-5	1.74E-6
	CC20	-0.0088	-0.0963	-0.0643	-4.44E-5	2.86E-5	5.77E-6
	CC21	-0.0049	-0.1246	-0.0564	-4.39E-5	1.59E-5	2.18E-5
93	CC1	-0.0005	-0.0025	-0.0916	-1.71E-5	-2.72E-6	1.26E-6
	CC2	-0.0005	-0.0025	-0.0916	-1.71E-5	-2.72E-6	1.26E-6
	CC3	-0.0005	-0.0025	-0.0916	-1.71E-5	-2.72E-6	1.26E-6
	CC4	-0.0004	-0.0023	-0.0890	-1.63E-5	-2.79E-6	1.25E-6
	CC5	-0.0004	-0.0023	-0.0890	-1.63E-5	-2.79E-6	1.25E-6
	CC6	0.0372	0.0026	-0.0705	2.63E-5	-1.41E-4	-3.65E-5
	CC7	0.0383	0.0033	-0.0695	2.62E-5	-1.45E-4	-3.16E-5
	CC8	0.0392	-0.0473	-0.0434	-1.47E-4	-1.51E-4	-3.26E-5
	CC9	0.0403	-0.0465	-0.0423	-1.48E-4	-1.54E-4	-2.77E-5
	CC10	-0.0411	0.0420	-0.1338	1.16E-4	1.49E-4	3.03E-5
	CC11	-0.0401	0.0427	-0.1328	1.15E-4	1.45E-4	3.51E-5
	CC12	-0.0391	-0.0079	-0.1067	-5.81E-5	1.39E-4	3.42E-5
	CC13	-0.0380	-0.0071	-0.1056	-5.83E-5	1.35E-4	3.90E-5
	CC14	0.0061	0.0736	-0.1256	2.60E-4	-2.40E-5	-2.32E-5
	CC15	0.0097	0.0761	-0.1221	2.60E-4	-3.65E-5	-7.26E-6
	CC16	-0.0174	0.0855	-0.1445	2.87E-4	6.29E-5	-3.23E-6
	CC17	-0.0138	0.0879	-0.1411	2.87E-4	5.05E-5	1.28E-5
	CC18	0.0130	-0.0924	-0.0351	-3.19E-4	-5.61E-5	-1.03E-5
	CC19	0.0166	-0.0900	-0.0316	-3.19E-4	-6.86E-5	5.74E-6
	CC20	-0.0105	-0.0806	-0.0541	-2.92E-4	3.08E-5	9.76E-6
	CC21	-0.0069	-0.0782	-0.0506	-2.92E-4	1.84E-5	2.58E-5

94	CC1	-0.0001	-0.0021	-0.0930	-4.32E-5	-2.52E-5	-1.72E-6
	CC2	-0.0001	-0.0021	-0.0930	-4.32E-5	-2.52E-5	-1.72E-6
	CC3	-0.0001	-0.0021	-0.0930	-4.32E-5	-2.52E-5	-1.72E-6
	CC4	-0.0001	-0.0020	-0.0903	-4.04E-5	-2.38E-5	-1.69E-6
	CC5	-0.0001	-0.0020	-0.0903	-4.04E-5	-2.38E-5	-1.69E-6
	CC6	0.0376	0.0323	-0.0873	1.67E-5	-1.59E-4	-3.94E-5
	CC7	0.0386	0.0313	-0.0868	1.36E-5	-1.57E-4	-3.46E-5
	CC8	0.0396	-0.0189	-0.0749	-1.23E-4	-8.20E-5	-3.55E-5
	CC9	0.0407	-0.0199	-0.0744	-1.26E-4	-8.01E-5	-3.07E-5
	CC10	-0.0408	0.0161	-0.1044	4.74E-5	3.33E-5	2.73E-5
	CC11	-0.0397	0.0151	-0.1039	4.43E-5	3.53E-5	3.21E-5
	CC12	-0.0387	-0.0351	-0.0920	-9.26E-5	1.11E-4	3.12E-5
	CC13	-0.0376	-0.0361	-0.0915	-9.56E-5	1.13E-4	3.60E-5
	CC14	0.0065	0.0875	-0.1083	1.94E-4	-1.84E-4	-2.62E-5
	CC15	0.0101	0.0842	-0.1066	1.84E-4	-1.78E-4	-1.02E-5
	CC16	-0.0170	0.0826	-0.1135	2.03E-4	-1.26E-4	-6.17E-6
	CC17	-0.0134	0.0794	-0.1118	1.93E-4	-1.20E-4	9.82E-6
	CC18	0.0133	-0.0832	-0.0670	-2.72E-4	7.33E-5	-1.32E-5
	CC19	0.0169	-0.0864	-0.0653	-2.82E-4	7.97E-5	2.80E-6
	CC20	-0.0102	-0.0881	-0.0721	-2.63E-4	1.31E-4	6.82E-6
	CC21	-0.0066	-0.0913	-0.0704	-2.73E-4	1.37E-4	2.28E-5
95	CC1	-0.0018	-0.0023	-0.0882	-1.21E-5	-2.10E-6	-1.01E-6
	CC2	-0.0018	-0.0023	-0.0882	-1.21E-5	-2.10E-6	-1.01E-6
	CC3	-0.0018	-0.0023	-0.0882	-1.21E-5	-2.10E-6	-1.01E-6
	CC4	-0.0018	-0.0022	-0.0862	-1.13E-5	-1.95E-6	-9.19E-7
	CC5	-0.0018	-0.0022	-0.0862	-1.13E-5	-1.95E-6	-9.19E-7
	CC6	0.0401	-0.0865	-0.0458	-2.86E-4	-1.57E-4	-3.86E-5
	CC7	0.0395	-0.0743	-0.0517	-2.45E-4	-1.55E-4	-3.38E-5
	CC8	0.0410	-0.1271	-0.0250	-4.34E-4	-1.60E-4	-3.47E-5
	CC9	0.0404	-0.1149	-0.0309	-3.93E-4	-1.59E-4	-2.99E-5
	CC10	-0.0439	0.1108	-0.1402	3.71E-4	1.55E-4	2.81E-5
	CC11	-0.0445	0.1229	-0.1462	4.12E-4	1.57E-4	3.29E-5
	CC12	-0.0430	0.0702	-0.1194	2.23E-4	1.52E-4	3.20E-5
	CC13	-0.0436	0.0823	-0.1254	2.64E-4	1.53E-4	3.68E-5
	CC14	0.0103	0.0158	-0.0963	6.82E-5	-4.61E-5	-2.54E-5
	CC15	0.0084	0.0561	-0.1158	2.04E-4	-4.04E-5	-9.40E-6
	CC16	-0.0149	0.0750	-0.1246	2.65E-4	4.76E-5	-5.37E-6
	CC17	-0.0168	0.1153	-0.1442	4.01E-4	5.32E-5	1.06E-5
	CC18	0.0133	-0.1195	-0.0269	-4.23E-4	-5.70E-5	-1.24E-5
	CC19	0.0114	-0.0792	-0.0465	-2.87E-4	-5.14E-5	3.60E-6
	CC20	-0.0119	-0.0603	-0.0553	-2.26E-4	3.66E-5	7.62E-6
	CC21	-0.0138	-0.0200	-0.0749	-9.03E-5	4.22E-5	2.36E-5
96	CC1	-0.0031	-0.0027	-0.0915	-1.19E-5	-4.86E-6	-4.38E-7
	CC2	-0.0031	-0.0027	-0.0915	-1.19E-5	-4.86E-6	-4.38E-7
	CC3	-0.0031	-0.0027	-0.0915	-1.19E-5	-4.86E-6	-4.38E-7
	CC4	-0.0029	-0.0025	-0.0893	-1.11E-5	-4.35E-6	-3.98E-7
	CC5	-0.0029	-0.0025	-0.0893	-1.11E-5	-4.35E-6	-3.98E-7
	CC6	0.0437	-0.0868	-0.0504	-2.82E-4	-1.74E-4	-3.81E-5
	CC7	0.0417	-0.0747	-0.0469	-2.41E-4	-1.67E-4	-3.33E-5
	CC8	0.0429	-0.1274	-0.0657	-4.26E-4	-1.72E-4	-3.42E-5
	CC9	0.0410	-0.1153	-0.0622	-3.86E-4	-1.65E-4	-2.94E-5
	CC10	-0.0467	0.1104	-0.1149	3.64E-4	1.56E-4	2.86E-5
	CC11	-0.0486	0.1226	-0.1114	4.04E-4	1.64E-4	3.34E-5
	CC12	-0.0474	0.0698	-0.1303	2.20E-4	1.58E-4	3.25E-5
	CC13	-0.0494	0.0820	-0.1267	2.60E-4	1.66E-4	3.73E-5
	CC14	0.0152	0.0155	-0.0592	6.63E-5	-6.92E-5	-2.49E-5
	CC15	0.0087	0.0558	-0.0475	2.00E-4	-4.41E-5	-8.90E-6
	CC16	-0.0119	0.0747	-0.0786	2.60E-4	2.99E-5	-4.87E-6
	CC17	-0.0184	0.1150	-0.0668	3.93E-4	5.50E-5	1.11E-5
	CC18	0.0127	-0.1198	-0.1103	-4.15E-4	-6.34E-5	-1.19E-5
	CC19	0.0062	-0.0795	-0.0986	-2.82E-4	-3.83E-5	4.10E-6
	CC20	-0.0144	-0.0606	-0.1296	-2.21E-4	3.58E-5	8.13E-6
	CC21	-0.0209	-0.0203	-0.1179	-8.80E-5	6.09E-5	2.41E-5
97	CC1	0.0026	-0.0019	-0.1075	-8.38E-6	-3.59E-7	5.24E-6
	CC2	0.0026	-0.0019	-0.1075	-8.38E-6	-3.59E-7	5.24E-6
	CC3	0.0026	-0.0019	-0.1075	-8.38E-6	-3.59E-7	5.24E-6
	CC4	0.0026	-0.0017	-0.1051	-7.66E-6	-5.58E-7	4.96E-6
	CC5	0.0026	-0.0017	-0.1051	-7.66E-6	-5.58E-7	4.96E-6
	CC6	0.0444	0.0830	-0.1568	3.08E-4	-1.53E-4	-3.29E-5
	CC7	0.0438	0.0735	-0.1536	2.75E-4	-1.47E-4	-2.80E-5
	CC8	0.0453	0.0250	-0.1378	7.12E-5	-1.36E-4	-2.90E-5
	CC9	0.0447	0.0155	-0.1346	3.75E-5	-1.31E-4	-2.41E-5

	CC10	-0.0396	-0.0188	-0.0741	-5.24E-5	1.30E-4	3.39E-5
	CC11	-0.0402	-0.0283	-0.0709	-8.61E-5	1.35E-4	3.87E-5
	CC12	-0.0387	-0.0769	-0.0551	-2.90E-4	1.46E-4	3.78E-5
	CC13	-0.0393	-0.0863	-0.0519	-3.23E-4	1.51E-4	4.26E-5
	CC14	0.0146	0.1260	-0.1537	4.98E-4	-7.95E-5	-1.96E-5
	CC15	0.0127	0.0947	-0.1432	3.86E-4	-6.07E-5	-3.64E-6
	CC16	-0.0106	0.0955	-0.1289	3.90E-4	5.19E-6	3.86E-7
	CC17	-0.0125	0.0641	-0.1183	2.78E-4	2.40E-5	1.64E-5
	CC18	0.0176	-0.0675	-0.0904	-2.93E-4	-2.53E-5	-6.64E-6
	CC19	0.0157	-0.0988	-0.0798	-4.04E-4	-6.44E-6	9.35E-6
	CC20	-0.0076	-0.0980	-0.0655	-4.01E-4	5.94E-5	1.34E-5
	CC21	-0.0094	-0.1294	-0.0550	-5.13E-4	7.82E-5	2.94E-5
98	CC1	0.0027	-0.0024	-0.1095	-8.59E-6	1.24E-6	-8.75E-7
	CC2	0.0027	-0.0024	-0.1095	-8.59E-6	1.24E-6	-8.75E-7
	CC3	0.0027	-0.0024	-0.1095	-8.59E-6	1.24E-6	-8.75E-7
	CC4	0.0026	-0.0022	-0.1069	-7.85E-6	8.98E-7	-1.02E-6
	CC5	0.0026	-0.0022	-0.1069	-7.85E-6	8.98E-7	-1.02E-6
	CC6	0.0491	0.0818	-0.1188	3.09E-4	-1.39E-4	-3.88E-5
	CC7	0.0471	0.0724	-0.1224	2.75E-4	-1.35E-4	-3.40E-5
	CC8	0.0483	0.0238	-0.1509	6.99E-5	-1.58E-4	-3.49E-5
	CC9	0.0464	0.0145	-0.1544	3.62E-5	-1.55E-4	-3.01E-5
	CC10	-0.0412	-0.0187	-0.0578	-5.14E-5	1.56E-4	2.79E-5
	CC11	-0.0431	-0.0281	-0.0613	-8.51E-5	1.60E-4	3.28E-5
	CC12	-0.0419	-0.0767	-0.0898	-2.91E-4	1.37E-4	3.18E-5
	CC13	-0.0438	-0.0860	-0.0934	-3.24E-4	1.40E-4	3.67E-5
	CC14	0.0206	0.1251	-0.0559	5.01E-4	-1.67E-5	-2.56E-5
	CC15	0.0142	0.0941	-0.0677	3.89E-4	-4.91E-6	-9.58E-6
	CC16	-0.0065	0.0949	-0.0376	3.93E-4	7.19E-5	-5.55E-6
	CC17	-0.0129	0.0639	-0.0494	2.81E-4	8.37E-5	1.04E-5
	CC18	0.0182	-0.0681	-0.1628	-2.96E-4	-8.21E-5	-1.26E-5
	CC19	0.0117	-0.0992	-0.1746	-4.08E-4	-7.03E-5	3.41E-6
	CC20	-0.0089	-0.0983	-0.1445	-4.04E-4	6.47E-6	7.44E-6
	CC21	-0.0153	-0.1293	-0.1563	-5.16E-4	1.83E-5	2.34E-5
99	CC1	0.0017	-0.0021	-0.1085	1.96E-5	9.00E-7	-4.29E-6
	CC2	0.0017	-0.0021	-0.1085	1.96E-5	9.00E-7	-4.29E-6
	CC3	0.0017	-0.0021	-0.1085	1.96E-5	9.00E-7	-4.29E-6
	CC4	0.0017	-0.0019	-0.1061	1.98E-5	5.71E-7	-4.02E-6
	CC5	0.0017	-0.0019	-0.1061	1.98E-5	5.71E-7	-4.02E-6
	CC6	0.0462	0.0822	-0.1329	2.69E-4	-2.05E-4	-4.17E-5
	CC7	0.0449	0.0728	-0.1333	2.42E-4	-1.90E-4	-3.68E-5
	CC8	0.0457	0.0242	-0.1420	7.95E-5	-1.41E-4	-3.78E-5
	CC9	0.0444	0.0148	-0.1424	5.32E-5	-1.26E-4	-3.29E-5
	CC10	-0.0410	-0.0185	-0.0680	-1.34E-5	1.27E-4	2.51E-5
	CC11	-0.0423	-0.0279	-0.0685	-3.97E-5	1.42E-4	2.99E-5
	CC12	-0.0415	-0.0765	-0.0771	-2.03E-4	1.91E-4	2.90E-5
	CC13	-0.0428	-0.0859	-0.0776	-2.29E-4	2.06E-4	3.38E-5
	CC14	0.0177	0.1254	-0.0990	4.21E-4	-1.80E-4	-2.84E-5
	CC15	0.0134	0.0944	-0.1006	3.34E-4	-1.33E-4	-1.24E-5
	CC16	-0.0084	0.0952	-0.0796	3.36E-4	-8.01E-5	-8.41E-6
	CC17	-0.0127	0.0642	-0.0812	2.49E-4	-3.30E-5	7.58E-6
	CC18	0.0161	-0.0678	-0.1293	-2.10E-4	3.39E-5	-1.54E-5
	CC19	0.0118	-0.0989	-0.1309	-2.97E-4	8.10E-5	5.53E-7
	CC20	-0.0101	-0.0980	-0.1099	-2.94E-4	1.34E-4	4.58E-6
	CC21	-0.0144	-0.1291	-0.1115	-3.81E-4	1.81E-4	2.06E-5
100	CC1	0.0021	-0.0019	-0.1078	-1.82E-5	-3.85E-7	1.02E-5
	CC2	0.0021	-0.0019	-0.1078	-1.82E-5	-3.85E-7	1.02E-5
	CC3	0.0021	-0.0019	-0.1078	-1.82E-5	-3.85E-7	1.02E-5
	CC4	0.0020	-0.0017	-0.1054	-1.74E-5	-5.48E-7	1.01E-5
	CC5	0.0020	-0.0017	-0.1054	-1.74E-5	-5.48E-7	1.01E-5
	CC6	0.0446	0.0824	-0.1466	2.15E-4	-1.45E-4	-2.76E-5
	CC7	0.0437	0.0730	-0.1448	1.91E-4	-1.42E-4	-2.28E-5
	CC8	0.0453	0.0244	-0.1368	2.75E-5	-1.44E-4	-2.37E-5
	CC9	0.0445	0.0150	-0.1350	3.57E-6	-1.40E-4	-1.89E-5
	CC10	-0.0405	-0.0183	-0.0742	-3.79E-5	1.39E-4	3.91E-5
	CC11	-0.0413	-0.0277	-0.0723	-6.18E-5	1.42E-4	4.40E-5
	CC12	-0.0397	-0.0763	-0.0644	-2.25E-4	1.40E-4	4.30E-5
	CC13	-0.0406	-0.0857	-0.0626	-2.49E-4	1.44E-4	4.79E-5
	CC14	0.0149	0.1256	-0.1348	3.72E-4	-5.08E-5	-1.44E-5
	CC15	0.0121	0.0945	-0.1287	2.93E-4	-3.99E-5	1.61E-6
	CC16	-0.0107	0.0954	-0.1131	2.97E-4	3.43E-5	5.64E-6
	CC17	-0.0134	0.0643	-0.1069	2.17E-4	4.52E-5	2.16E-5
	CC18	0.0174	-0.0677	-0.1022	-2.52E-4	-4.64E-5	-1.38E-6

	CC19	0.0147	-0.0987	-0.0961	-3.31E-4	-3.55E-5	1.46E-5
	CC20	-0.0081	-0.0979	-0.0805	-3.28E-4	3.87E-5	1.86E-5
	CC21	-0.0109	-0.1289	-0.0743	-4.07E-4	4.96E-5	3.46E-5
101	CC1	-0.0044	-0.0082	-0.1114	-8.69E-7	-2.65E-5	7.64E-6
	CC2	-0.0044	-0.0082	-0.1114	-8.69E-7	-2.65E-5	7.64E-6
	CC3	-0.0044	-0.0082	-0.1114	-8.69E-7	-2.65E-5	7.64E-6
	CC4	-0.0041	-0.0077	-0.1080	4.76E-7	-2.44E-5	7.01E-6
	CC5	-0.0041	-0.0077	-0.1080	4.76E-7	-2.44E-5	7.01E-6
	CC6	0.1350	-0.1906	-0.1300	-2.02E-4	-2.38E-4	-8.79E-5
	CC7	0.1225	-0.1630	-0.1268	-1.71E-4	-2.19E-4	-7.59E-5
	CC8	0.1251	-0.2954	-0.1521	-3.34E-4	-2.20E-4	-7.30E-5
	CC9	0.1127	-0.2678	-0.1489	-3.03E-4	-2.01E-4	-6.10E-5
	CC10	-0.1206	0.2529	-0.0649	3.05E-4	1.54E-4	7.46E-5
	CC11	-0.1330	0.2804	-0.0617	3.36E-4	1.73E-4	8.66E-5
	CC12	-0.1304	0.1481	-0.0869	1.73E-4	1.71E-4	8.95E-5
	CC13	-0.1429	0.1756	-0.0837	2.04E-4	1.90E-4	1.02E-4
	CC14	0.0715	0.0551	-0.0852	9.33E-5	-1.43E-4	-6.23E-5
	CC15	0.0302	0.1462	-0.0746	1.96E-4	-8.07E-5	-2.26E-5
	CC16	-0.0052	0.1881	-0.0657	2.46E-4	-2.59E-5	-1.35E-5
	CC17	-0.0465	0.2792	-0.0551	3.49E-4	3.68E-5	2.62E-5
	CC18	0.0386	-0.2942	-0.1586	-3.47E-4	-8.43E-5	-1.26E-5
	CC19	-0.0027	-0.2031	-0.1480	-2.44E-4	-2.16E-5	2.71E-5
	CC20	-0.0381	-0.1612	-0.1391	-1.95E-4	3.32E-5	3.62E-5
	CC21	-0.0794	-0.0700	-0.1285	-9.15E-5	9.59E-5	7.59E-5
102	CC1	0.0009	-0.0080	-0.0970	-3.59E-5	-4.32E-5	1.85E-6
	CC2	0.0009	-0.0080	-0.0970	-3.59E-5	-4.32E-5	1.85E-6
	CC3	0.0009	-0.0080	-0.0970	-3.59E-5	-4.32E-5	1.85E-6
	CC4	0.0008	-0.0075	-0.0946	-3.44E-5	-3.95E-5	1.70E-6
	CC5	0.0008	-0.0075	-0.0946	-3.44E-5	-3.95E-5	1.70E-6
	CC6	0.1089	-0.1904	-0.1237	-2.74E-4	-1.84E-4	-9.31E-5
	CC7	0.1042	-0.1629	-0.1191	-2.37E-4	-1.80E-4	-8.11E-5
	CC8	0.1082	-0.2952	-0.1417	-4.26E-4	-1.76E-4	-7.82E-5
	CC9	0.1035	-0.2677	-0.1371	-3.89E-4	-1.72E-4	-6.62E-5
	CC10	-0.1019	0.2530	-0.0504	3.21E-4	9.54E-5	6.95E-5
	CC11	-0.1067	0.2806	-0.0458	3.58E-4	9.98E-5	8.15E-5
	CC12	-0.1026	0.1482	-0.0684	1.69E-4	1.03E-4	8.44E-5
	CC13	-0.1073	0.1758	-0.0638	2.06E-4	1.08E-4	9.64E-5
	CC14	0.0414	0.0552	-0.0823	6.97E-5	-1.00E-4	-6.74E-5
	CC15	0.0257	0.1464	-0.0672	1.91E-4	-8.56E-5	-2.78E-5
	CC16	-0.0219	0.1883	-0.0603	2.48E-4	-1.64E-5	-1.87E-5
	CC17	-0.0376	0.2794	-0.0452	3.69E-4	-1.81E-6	2.10E-5
	CC18	0.0392	-0.2940	-0.1423	-4.37E-4	-7.46E-5	-1.77E-5
	CC19	0.0235	-0.2029	-0.1272	-3.16E-4	-6.00E-5	2.19E-5
	CC20	-0.0241	-0.1610	-0.1203	-2.59E-4	9.18E-6	3.10E-5
	CC21	-0.0398	-0.0699	-0.1052	-1.38E-4	2.38E-5	7.07E-5
103	CC1	0.0011	-0.0078	-0.0908	-2.03E-5	-2.12E-5	-3.53E-7
	CC2	0.0011	-0.0078	-0.0908	-2.03E-5	-2.12E-5	-3.53E-7
	CC3	0.0011	-0.0078	-0.0908	-2.03E-5	-2.12E-5	-3.53E-7
	CC4	0.0010	-0.0073	-0.0887	-1.90E-5	-1.99E-5	-2.97E-7
	CC5	0.0010	-0.0073	-0.0887	-1.90E-5	-1.99E-5	-2.97E-7
	CC6	0.0970	-0.1902	-0.0375	-3.24E-4	-1.72E-4	-9.50E-5
	CC7	0.0957	-0.1627	-0.0452	-2.77E-4	-1.70E-4	-8.30E-5
	CC8	0.1015	-0.2950	-0.0079	-5.15E-4	-1.84E-4	-8.01E-5
	CC9	0.1002	-0.2675	-0.0155	-4.69E-4	-1.81E-4	-6.81E-5
	CC10	-0.0982	0.2533	-0.1606	4.31E-4	1.43E-4	6.76E-5
	CC11	-0.0995	0.2808	-0.1683	4.78E-4	1.45E-4	7.95E-5
	CC12	-0.0937	0.1485	-0.1309	2.40E-4	1.31E-4	8.25E-5
	CC13	-0.0950	0.1760	-0.1386	2.86E-4	1.33E-4	9.44E-5
	CC14	0.0249	0.0555	-0.1063	1.10E-4	-5.16E-5	-6.93E-5
	CC15	0.0206	0.1466	-0.1317	2.65E-4	-4.31E-5	-2.97E-5
	CC16	-0.0337	0.1885	-0.1433	3.37E-4	4.28E-5	-2.06E-5
	CC17	-0.0380	0.2796	-0.1686	4.92E-4	5.14E-5	1.91E-5
	CC18	0.0400	-0.2938	-0.0075	-5.29E-4	-9.03E-5	-1.96E-5
	CC19	0.0357	-0.2027	-0.0329	-3.74E-4	-8.18E-5	2.00E-5
	CC20	-0.0186	-0.1608	-0.0444	-3.02E-4	4.13E-6	2.91E-5
	CC21	-0.0229	-0.0697	-0.0698	-1.48E-4	1.27E-5	6.88E-5
104	CC1	-0.0041	-0.0087	-0.1242	8.14E-6	5.54E-6	2.44E-6
	CC2	-0.0041	-0.0087	-0.1242	8.14E-6	5.54E-6	2.44E-6
	CC3	-0.0041	-0.0087	-0.1242	8.14E-6	5.54E-6	2.44E-6
	CC4	-0.0038	-0.0081	-0.1185	7.32E-6	6.23E-6	2.13E-6
	CC5	-0.0038	-0.0081	-0.1185	7.32E-6	6.23E-6	2.13E-6
	CC6	0.1352	-0.1499	-0.1239	-2.38E-4	-1.08E-4	-9.27E-5

	CC7	0.1227	-0.1276	-0.1231	-1.98E-4	-9.99E-5	-8.07E-5
	CC8	0.1254	-0.2611	-0.1316	-4.59E-4	-8.57E-5	-7.78E-5
	CC9	0.1129	-0.2388	-0.1307	-4.19E-4	-7.73E-5	-6.58E-5
	CC10	-0.1203	0.2230	-0.1024	4.33E-4	9.02E-5	6.99E-5
	CC11	-0.1328	0.2453	-0.1016	4.73E-4	9.86E-5	8.18E-5
	CC12	-0.1302	0.1117	-0.1101	2.12E-4	1.13E-4	8.48E-5
	CC13	-0.1427	0.1341	-0.1092	2.52E-4	1.21E-4	9.67E-5
	CC14	0.0717	0.0846	-0.1085	2.09E-4	-7.49E-5	-6.70E-5
	CC15	0.0304	0.1585	-0.1056	3.42E-4	-4.71E-5	-2.74E-5
	CC16	-0.0050	0.1965	-0.1020	4.10E-4	-1.53E-5	-1.83E-5
	CC17	-0.0463	0.2704	-0.0991	5.43E-4	1.24E-5	2.14E-5
	CC18	0.0388	-0.2862	-0.1340	-5.29E-4	4.99E-7	-1.73E-5
	CC19	-0.0025	-0.2123	-0.1311	-3.96E-4	2.82E-5	2.23E-5
	CC20	-0.0379	-0.1744	-0.1276	-3.28E-4	6.00E-5	3.14E-5
	CC21	-0.0792	-0.1005	-0.1247	-1.95E-4	8.78E-5	7.11E-5
105	CC1	0.0008	-0.0079	-0.1289	-4.91E-5	-4.30E-5	8.07E-8
	CC2	0.0008	-0.0079	-0.1289	-4.91E-5	-4.30E-5	8.07E-8
	CC3	0.0008	-0.0079	-0.1289	-4.91E-5	-4.30E-5	8.07E-8
	CC4	0.0008	-0.0073	-0.1227	-4.51E-5	-3.67E-5	-3.42E-8
	CC5	0.0008	-0.0073	-0.1227	-4.51E-5	-3.67E-5	-3.42E-8
	CC6	0.1088	-0.1491	-0.1296	-2.80E-4	-1.05E-4	-9.48E-5
	CC7	0.1041	-0.1268	-0.1286	-2.42E-4	-1.12E-4	-8.28E-5
	CC8	0.1082	-0.2604	-0.1345	-4.75E-4	-7.34E-5	-7.99E-5
	CC9	0.1034	-0.2380	-0.1335	-4.37E-4	-8.03E-5	-6.79E-5
	CC10	-0.1020	0.2238	-0.1077	3.49E-4	1.11E-5	6.78E-5
	CC11	-0.1067	0.2461	-0.1067	3.88E-4	4.19E-6	7.97E-5
	CC12	-0.1026	0.1125	-0.1126	1.54E-4	4.23E-5	8.27E-5
	CC13	-0.1074	0.1349	-0.1117	1.92E-4	3.54E-5	9.46E-5
	CC14	0.0413	0.0854	-0.1173	1.25E-4	-9.26E-5	-6.91E-5
	CC15	0.0256	0.1593	-0.1140	2.50E-4	-1.15E-4	-2.95E-5
	CC16	-0.0219	0.1973	-0.1107	3.13E-4	-5.79E-5	-2.04E-5
	CC17	-0.0376	0.2712	-0.1075	4.39E-4	-8.07E-5	1.93E-5
	CC18	0.0391	-0.2854	-0.1338	-5.27E-4	1.15E-5	-1.94E-5
	CC19	0.0234	-0.2115	-0.1305	-4.01E-4	-1.13E-5	2.02E-5
	CC20	-0.0241	-0.1736	-0.1272	-3.38E-4	4.62E-5	2.93E-5
	CC21	-0.0398	-0.0997	-0.1240	-2.12E-4	2.34E-5	6.90E-5
106	CC1	0.0009	-0.0077	-0.1053	-2.50E-5	-5.63E-6	3.88E-8
	CC2	0.0009	-0.0077	-0.1053	-2.50E-5	-5.63E-6	3.88E-8
	CC3	0.0009	-0.0077	-0.1053	-2.50E-5	-5.63E-6	3.88E-8
	CC4	0.0009	-0.0072	-0.1013	-2.29E-5	-4.35E-6	4.47E-9
	CC5	0.0009	-0.0072	-0.1013	-2.29E-5	-4.35E-6	4.47E-9
	CC6	0.0969	-0.1489	-0.0913	-2.59E-4	-8.61E-5	-9.47E-5
	CC7	0.0956	-0.1266	-0.0924	-2.20E-4	-8.09E-5	-8.27E-5
	CC8	0.1014	-0.2602	-0.0858	-4.73E-4	-1.07E-4	-7.98E-5
	CC9	0.1001	-0.2379	-0.0869	-4.34E-4	-1.01E-4	-6.78E-5
	CC10	-0.0983	0.2239	-0.1132	3.90E-4	9.34E-5	6.78E-5
	CC11	-0.0996	0.2463	-0.1142	4.29E-4	9.87E-5	7.98E-5
	CC12	-0.0938	0.1127	-0.1077	1.76E-4	7.30E-5	8.27E-5
	CC13	-0.0951	0.1350	-0.1087	2.15E-4	7.83E-5	9.47E-5
	CC14	0.0247	0.0856	-0.1041	1.72E-4	-5.56E-6	-6.91E-5
	CC15	0.0205	0.1595	-0.1076	3.02E-4	1.18E-5	-2.94E-5
	CC16	-0.0338	0.1974	-0.1107	3.67E-4	4.83E-5	-2.03E-5
	CC17	-0.0381	0.2713	-0.1142	4.96E-4	6.57E-5	1.94E-5
	CC18	0.0398	-0.2853	-0.0859	-5.41E-4	-7.35E-5	-1.94E-5
	CC19	0.0356	-0.2114	-0.0894	-4.11E-4	-5.62E-5	2.03E-5
	CC20	-0.0187	-0.1734	-0.0924	-3.46E-4	-1.96E-5	2.94E-5
	CC21	-0.0230	-0.0995	-0.0959	-2.17E-4	-2.30E-6	6.91E-5
107	CC1	-0.0040	-0.0087	-0.1206	8.96E-6	-2.40E-6	1.24E-6
	CC2	-0.0040	-0.0087	-0.1206	8.96E-6	-2.40E-6	1.24E-6
	CC3	-0.0040	-0.0087	-0.1206	8.96E-6	-2.40E-6	1.24E-6
	CC4	-0.0037	-0.0080	-0.1148	8.44E-6	-2.06E-6	8.92E-7
	CC5	-0.0037	-0.0080	-0.1148	8.44E-6	-2.06E-6	8.92E-7
	CC6	0.1354	-0.1154	-0.1129	-1.76E-4	-1.16E-4	-9.39E-5
	CC7	0.1229	-0.0974	-0.1126	-1.43E-4	-1.06E-4	-8.20E-5
	CC8	0.1255	-0.2321	-0.1041	-4.07E-4	-1.06E-4	-7.90E-5
	CC9	0.1130	-0.2141	-0.1038	-3.74E-4	-9.55E-5	-6.71E-5
	CC10	-0.1202	0.1985	-0.1220	3.90E-4	9.16E-5	6.86E-5
	CC11	-0.1327	0.2165	-0.1217	4.23E-4	1.02E-4	8.06E-5
	CC12	-0.1300	0.0818	-0.1132	1.60E-4	1.02E-4	8.35E-5
	CC13	-0.1425	0.0998	-0.1129	1.93E-4	1.12E-4	9.55E-5
	CC14	0.0719	0.1098	-0.1267	2.53E-4	-6.70E-5	-6.83E-5
	CC15	0.0305	0.1693	-0.1256	3.61E-4	-3.38E-5	-2.86E-5

	CC16	-0.0048	0.2040	-0.1294	4.23E-4	-4.72E-6	-1.95E-5
	CC17	-0.0461	0.2635	-0.1284	5.31E-4	2.84E-5	2.01E-5
	CC18	0.0390	-0.2791	-0.0974	-5.15E-4	-3.23E-5	-1.86E-5
	CC19	-0.0023	-0.2196	-0.0964	-4.07E-4	8.21E-7	2.11E-5
	CC20	-0.0377	-0.1849	-0.1002	-3.45E-4	2.99E-5	3.02E-5
	CC21	-0.0790	-0.1254	-0.0992	-2.37E-4	6.31E-5	6.98E-5
108	CC1	0.0006	-0.0079	-0.1291	-5.48E-5	-2.70E-6	1.96E-6
	CC2	0.0006	-0.0079	-0.1291	-5.48E-5	-2.70E-6	1.96E-6
	CC3	0.0006	-0.0079	-0.1291	-5.48E-5	-2.70E-6	1.96E-6
	CC4	0.0006	-0.0072	-0.1223	-4.94E-5	-2.65E-6	1.75E-6
	CC5	0.0006	-0.0072	-0.1223	-4.94E-5	-2.65E-6	1.75E-6
	CC6	0.1087	-0.1146	-0.1170	-2.21E-4	-9.19E-5	-9.30E-5
	CC7	0.1039	-0.0966	-0.1169	-1.90E-4	-8.72E-5	-8.11E-5
	CC8	0.1080	-0.2313	-0.1185	-4.30E-4	-1.00E-4	-7.81E-5
	CC9	0.1033	-0.2133	-0.1185	-3.99E-4	-9.58E-5	-6.61E-5
	CC10	-0.1021	0.1993	-0.1217	3.04E-4	9.05E-5	6.95E-5
	CC11	-0.1069	0.2172	-0.1216	3.35E-4	9.52E-5	8.15E-5
	CC12	-0.1028	0.0826	-0.1232	9.50E-5	8.19E-5	8.44E-5
	CC13	-0.1075	0.1006	-0.1232	1.25E-4	8.66E-5	9.64E-5
	CC14	0.0411	0.1106	-0.1169	1.72E-4	-2.34E-5	-6.74E-5
	CC15	0.0254	0.1701	-0.1167	2.73E-4	-7.94E-6	-2.77E-5
	CC16	-0.0221	0.2048	-0.1183	3.29E-4	3.13E-5	-1.86E-5
	CC17	-0.0378	0.2643	-0.1181	4.30E-4	4.68E-5	2.11E-5
	CC18	0.0390	-0.2783	-0.1221	-5.25E-4	-5.21E-5	-1.77E-5
	CC19	0.0232	-0.2188	-0.1219	-4.25E-4	-3.66E-5	2.20E-5
	CC20	-0.0243	-0.1841	-0.1235	-3.68E-4	2.68E-6	3.11E-5
	CC21	-0.0400	-0.1246	-0.1233	-2.67E-4	1.81E-5	7.08E-5
109	CC1	0.0008	-0.0077	-0.1056	-2.95E-5	-8.39E-6	3.19E-7
	CC2	0.0008	-0.0077	-0.1056	-2.95E-5	-8.39E-6	3.19E-7
	CC3	0.0008	-0.0077	-0.1056	-2.95E-5	-8.39E-6	3.19E-7
	CC4	0.0008	-0.0071	-0.1013	-2.67E-5	-7.80E-6	1.70E-7
	CC5	0.0008	-0.0071	-0.1013	-2.67E-5	-7.80E-6	1.70E-7
	CC6	0.0968	-0.1145	-0.0948	-2.00E-4	-8.36E-5	-9.46E-5
	CC7	0.0955	-0.0965	-0.0953	-1.69E-4	-8.31E-5	-8.26E-5
	CC8	0.1013	-0.2311	-0.0914	-4.12E-4	-8.66E-5	-7.97E-5
	CC9	0.1000	-0.2132	-0.0919	-3.82E-4	-8.60E-5	-6.77E-5
	CC10	-0.0984	0.1994	-0.1079	3.30E-4	7.08E-5	6.79E-5
	CC11	-0.0997	0.2174	-0.1084	3.61E-4	7.14E-5	7.99E-5
	CC12	-0.0939	0.0828	-0.1045	1.18E-4	6.79E-5	8.29E-5
	CC13	-0.0952	0.1007	-0.1050	1.48E-4	6.84E-5	9.48E-5
	CC14	0.0247	0.1107	-0.1027	1.98E-4	-2.69E-5	-6.89E-5
	CC15	0.0204	0.1702	-0.1044	3.00E-4	-2.50E-5	-2.93E-5
	CC16	-0.0339	0.2049	-0.1067	3.57E-4	1.95E-5	-2.02E-5
	CC17	-0.0382	0.2644	-0.1083	4.59E-4	2.14E-5	1.95E-5
	CC18	0.0398	-0.2782	-0.0915	-5.10E-4	-3.66E-5	-1.92E-5
	CC19	0.0355	-0.2186	-0.0931	-4.09E-4	-3.47E-5	2.04E-5
	CC20	-0.0188	-0.1840	-0.0954	-3.51E-4	9.74E-6	2.95E-5
	CC21	-0.0231	-0.1245	-0.0970	-2.50E-4	1.17E-5	6.92E-5
110	CC1	-0.0038	-0.0083	-0.1190	4.45E-5	-2.94E-6	1.86E-6
	CC2	-0.0038	-0.0083	-0.1190	4.45E-5	-2.94E-6	1.86E-6
	CC3	-0.0038	-0.0083	-0.1190	4.45E-5	-2.94E-6	1.86E-6
	CC4	-0.0036	-0.0075	-0.1133	4.32E-5	-2.70E-6	1.88E-6
	CC5	-0.0036	-0.0075	-0.1133	4.32E-5	-2.70E-6	1.88E-6
	CC6	0.1355	-0.0805	-0.1057	-4.13E-5	-1.20E-4	-9.28E-5
	CC7	0.1230	-0.0669	-0.1055	-2.44E-5	-1.10E-4	-8.09E-5
	CC8	0.1256	-0.2026	-0.1096	-2.07E-4	-1.04E-4	-7.79E-5
	CC9	0.1131	-0.1890	-0.1094	-1.90E-4	-9.38E-5	-6.59E-5
	CC10	-0.1201	0.1744	-0.1133	2.75E-4	8.86E-5	6.97E-5
	CC11	-0.1326	0.1880	-0.1131	2.92E-4	9.86E-5	8.17E-5
	CC12	-0.1299	0.0523	-0.1172	1.10E-4	1.04E-4	8.46E-5
	CC13	-0.1424	0.0659	-0.1170	1.27E-4	1.14E-4	9.66E-5
	CC14	0.0720	0.1354	-0.1041	2.43E-4	-7.68E-5	-6.72E-5
	CC15	0.0307	0.1805	-0.1034	2.99E-4	-4.35E-5	-2.75E-5
	CC16	-0.0047	0.2118	-0.1064	3.38E-4	-1.44E-5	-1.84E-5
	CC17	-0.0460	0.2570	-0.1056	3.94E-4	1.89E-5	2.13E-5
	CC18	0.0391	-0.2715	-0.1171	-3.08E-4	-2.42E-5	-1.75E-5
	CC19	-0.0022	-0.2264	-0.1163	-2.52E-4	9.11E-6	2.22E-5
	CC20	-0.0376	-0.1951	-0.1194	-2.13E-4	3.83E-5	3.13E-5
	CC21	-0.0789	-0.1500	-0.1186	-1.57E-4	7.16E-5	7.10E-5
111	CC1	0.0004	-0.0080	-0.1297	-6.79E-5	-8.62E-6	1.42E-6
	CC2	0.0004	-0.0080	-0.1297	-6.79E-5	-8.62E-6	1.42E-6
	CC3	0.0004	-0.0080	-0.1297	-6.79E-5	-8.62E-6	1.42E-6

	CC4	0.0004	-0.0073	-0.1231	-6.11E-5	-8.39E-6	1.40E-6
	CC5	0.0004	-0.0073	-0.1231	-6.11E-5	-8.39E-6	1.40E-6
	CC6	0.1085	-0.0803	-0.1115	-9.35E-5	-8.99E-5	-9.33E-5
	CC7	0.1038	-0.0666	-0.1112	-8.80E-5	-8.65E-5	-8.13E-5
	CC8	0.1078	-0.2023	-0.1178	-1.47E-4	-9.33E-5	-7.84E-5
	CC9	0.1031	-0.1887	-0.1174	-1.42E-4	-8.99E-5	-6.64E-5
	CC10	-0.1023	0.1747	-0.1244	2.41E-5	7.33E-5	6.92E-5
	CC11	-0.1071	0.1883	-0.1241	2.97E-5	7.67E-5	8.12E-5
	CC12	-0.1030	0.0526	-0.1307	-2.97E-5	6.99E-5	8.41E-5
	CC13	-0.1077	0.0662	-0.1303	-2.41E-5	7.33E-5	9.61E-5
	CC14	0.0410	0.1356	-0.1092	4.05E-6	-3.28E-5	-6.77E-5
	CC15	0.0253	0.1808	-0.1080	2.24E-5	-2.15E-5	-2.80E-5
	CC16	-0.0223	0.2121	-0.1131	3.93E-5	1.61E-5	-1.89E-5
	CC17	-0.0380	0.2572	-0.1119	5.77E-5	2.75E-5	2.08E-5
	CC18	0.0388	-0.2713	-0.1300	-1.75E-4	-4.41E-5	-1.80E-5
	CC19	0.0231	-0.2262	-0.1288	-1.57E-4	-3.27E-5	2.17E-5
	CC20	-0.0245	-0.1948	-0.1339	-1.40E-4	4.87E-6	3.08E-5
	CC21	-0.0402	-0.1497	-0.1327	-1.22E-4	1.62E-5	7.05E-5
112	CC1	0.0007	-0.0080	-0.1085	-7.34E-5	-7.59E-6	8.24E-7
	CC2	0.0007	-0.0080	-0.1085	-7.34E-5	-7.59E-6	8.24E-7
	CC3	0.0007	-0.0080	-0.1085	-7.34E-5	-7.59E-6	8.24E-7
	CC4	0.0007	-0.0073	-0.1041	-6.62E-5	-7.43E-6	8.59E-7
	CC5	0.0007	-0.0073	-0.1041	-6.62E-5	-7.43E-6	8.59E-7
	CC6	0.0967	-0.0802	-0.0963	-1.05E-4	-8.35E-5	-9.39E-5
	CC7	0.0954	-0.0666	-0.0972	-9.84E-5	-8.22E-5	-8.19E-5
	CC8	0.1012	-0.2023	-0.0877	-1.70E-4	-8.79E-5	-7.89E-5
	CC9	0.0999	-0.1887	-0.0886	-1.64E-4	-8.66E-5	-6.70E-5
	CC10	-0.0985	0.1747	-0.1166	3.62E-5	7.18E-5	6.87E-5
	CC11	-0.0998	0.1883	-0.1175	4.29E-5	7.32E-5	8.07E-5
	CC12	-0.0940	0.0526	-0.1081	-2.91E-5	6.74E-5	8.36E-5
	CC13	-0.0953	0.0662	-0.1090	-2.24E-5	6.87E-5	9.56E-5
	CC14	0.0246	0.1357	-0.1124	1.27E-5	-2.55E-5	-6.82E-5
	CC15	0.0203	0.1808	-0.1152	3.51E-5	-2.11E-5	-2.85E-5
	CC16	-0.0340	0.2121	-0.1185	5.51E-5	2.11E-5	-1.94E-5
	CC17	-0.0383	0.2572	-0.1213	7.75E-5	2.55E-5	2.02E-5
	CC18	0.0396	-0.2713	-0.0839	-2.05E-4	-4.02E-5	-1.85E-5
	CC19	0.0354	-0.2261	-0.0868	-1.83E-4	-3.59E-5	2.12E-5
	CC20	-0.0189	-0.1948	-0.0900	-1.63E-4	6.37E-6	3.03E-5
	CC21	-0.0232	-0.1497	-0.0929	-1.40E-4	1.07E-5	6.99E-5
113	CC1	-0.0037	-0.0093	-0.1184	8.08E-6	-6.19E-6	3.20E-6
	CC2	-0.0037	-0.0093	-0.1184	8.08E-6	-6.19E-6	3.20E-6
	CC3	-0.0037	-0.0093	-0.1184	8.08E-6	-6.19E-6	3.20E-6
	CC4	-0.0035	-0.0086	-0.1127	6.80E-6	-5.77E-6	3.31E-6
	CC5	-0.0035	-0.0086	-0.1127	6.80E-6	-5.77E-6	3.31E-6
	CC6	0.1356	-0.0473	-0.1123	-4.94E-5	-1.23E-4	-9.14E-5
	CC7	0.1231	-0.0380	-0.1122	-3.28E-5	-1.13E-4	-7.94E-5
	CC8	0.1257	-0.1748	-0.1052	-3.04E-4	-1.11E-4	-7.65E-5
	CC9	0.1132	-0.1655	-0.1052	-2.88E-4	-1.00E-4	-6.45E-5
	CC10	-0.1200	0.1487	-0.1164	3.00E-4	8.91E-5	7.12E-5
	CC11	-0.1325	0.1580	-0.1163	3.17E-4	9.94E-5	8.32E-5
	CC12	-0.1298	0.0212	-0.1093	4.55E-5	1.01E-4	8.61E-5
	CC13	-0.1423	0.0305	-0.1093	6.22E-5	1.12E-4	9.81E-5
	CC14	0.0721	0.1593	-0.1220	3.51E-4	-7.50E-5	-6.57E-5
	CC15	0.0307	0.1900	-0.1217	4.06E-4	-4.10E-5	-2.61E-5
	CC16	-0.0046	0.2181	-0.1232	4.56E-4	-1.14E-5	-1.70E-5
	CC17	-0.0459	0.2488	-0.1229	5.11E-4	2.26E-5	2.27E-5
	CC18	0.0392	-0.2656	-0.0986	-4.98E-4	-3.39E-5	-1.60E-5
	CC19	-0.0021	-0.2349	-0.0983	-4.43E-4	1.46E-7	2.36E-5
	CC20	-0.0375	-0.2069	-0.0998	-3.93E-4	2.98E-5	3.27E-5
	CC21	-0.0788	-0.1761	-0.0996	-3.38E-4	6.38E-5	7.24E-5
114	CC1	0.0002	-0.0085	-0.1302	-4.91E-5	2.73E-5	1.46E-6
	CC2	0.0002	-0.0085	-0.1302	-4.91E-5	2.73E-5	1.46E-6
	CC3	0.0002	-0.0085	-0.1302	-4.91E-5	2.73E-5	1.46E-6
	CC4	0.0003	-0.0079	-0.1240	-4.48E-5	2.33E-5	1.51E-6
	CC5	0.0003	-0.0079	-0.1240	-4.48E-5	2.33E-5	1.51E-6
	CC6	0.1084	-0.0465	-0.0966	-7.91E-5	2.64E-5	-9.32E-5
	CC7	0.1036	-0.0372	-0.0972	-6.55E-5	2.63E-5	-8.12E-5
	CC8	0.1077	-0.1740	-0.1006	-3.20E-4	3.21E-5	-7.83E-5
	CC9	0.1030	-0.1647	-0.1011	-3.06E-4	3.19E-5	-6.63E-5
	CC10	-0.1024	0.1494	-0.1427	2.19E-4	1.20E-5	6.94E-5
	CC11	-0.1072	0.1587	-0.1432	2.33E-4	1.18E-5	8.13E-5
	CC12	-0.1031	0.0220	-0.1466	-2.14E-5	1.76E-5	8.43E-5

	CC13	-0.1078	0.0312	-0.1472	-7.78E-6	1.75E-5	9.62E-5
	CC14	0.0409	0.1601	-0.1075	2.90E-4	1.50E-5	-6.75E-5
	CC15	0.0251	0.1908	-0.1093	3.35E-4	1.44E-5	-2.79E-5
	CC16	-0.0224	0.2189	-0.1213	3.80E-4	1.07E-5	-1.88E-5
	CC17	-0.0381	0.2496	-0.1231	4.25E-4	1.01E-5	2.09E-5
	CC18	0.0387	-0.2649	-0.1206	-5.12E-4	3.38E-5	-1.78E-5
	CC19	0.0229	-0.2342	-0.1225	-4.67E-4	3.32E-5	2.18E-5
	CC20	-0.0246	-0.2061	-0.1345	-4.22E-4	2.95E-5	3.09E-5
	CC21	-0.0403	-0.1754	-0.1363	-3.77E-4	2.89E-5	7.06E-5
115	CC1	0.0005	-0.0083	-0.1095	-3.19E-5	-9.15E-6	1.46E-6
	CC2	0.0005	-0.0083	-0.1095	-3.19E-5	-9.15E-6	1.46E-6
	CC3	0.0005	-0.0083	-0.1095	-3.19E-5	-9.15E-6	1.46E-6
	CC4	0.0005	-0.0077	-0.1053	-2.93E-5	-9.30E-6	1.57E-6
	CC5	0.0005	-0.0077	-0.1053	-2.93E-5	-9.30E-6	1.57E-6
	CC6	0.0966	-0.0464	-0.0943	-8.07E-5	-8.44E-5	-9.31E-5
	CC7	0.0953	-0.0371	-0.0948	-6.48E-5	-8.29E-5	-8.11E-5
	CC8	0.1011	-0.1739	-0.0901	-3.17E-4	-9.46E-5	-7.82E-5
	CC9	0.0998	-0.1646	-0.0905	-3.01E-4	-9.31E-5	-6.62E-5
	CC10	-0.0987	0.1496	-0.1174	2.44E-4	7.44E-5	6.94E-5
	CC11	-0.1000	0.1589	-0.1178	2.60E-4	7.59E-5	8.14E-5
	CC12	-0.0941	0.0221	-0.1131	8.10E-6	6.42E-5	8.43E-5
	CC13	-0.0954	0.0314	-0.1136	2.39E-5	6.57E-5	9.63E-5
	CC14	0.0245	0.1602	-0.1069	2.90E-4	-1.86E-5	-6.75E-5
	CC15	0.0202	0.1909	-0.1083	3.43E-4	-1.38E-5	-2.78E-5
	CC16	-0.0341	0.2190	-0.1138	3.88E-4	2.91E-5	-1.87E-5
	CC17	-0.0384	0.2497	-0.1152	4.40E-4	3.39E-5	2.10E-5
	CC18	0.0395	-0.2647	-0.0927	-4.97E-4	-5.26E-5	-1.78E-5
	CC19	0.0352	-0.2340	-0.0941	-4.45E-4	-4.78E-5	2.19E-5
	CC20	-0.0190	-0.2060	-0.0996	-3.99E-4	-4.94E-6	3.10E-5
	CC21	-0.0233	-0.1752	-0.1010	-3.47E-4	-1.15E-7	7.07E-5
116	CC1	-0.0036	-0.0096	-0.1194	8.09E-6	-5.46E-6	2.99E-6
	CC2	-0.0036	-0.0096	-0.1194	8.09E-6	-5.46E-6	2.99E-6
	CC3	-0.0036	-0.0096	-0.1194	8.09E-6	-5.46E-6	2.99E-6
	CC4	-0.0034	-0.0091	-0.1136	6.03E-6	-5.19E-6	2.91E-6
	CC5	-0.0034	-0.0091	-0.1136	6.03E-6	-5.19E-6	2.91E-6
	CC6	0.1357	-0.0125	-0.1062	1.33E-5	-1.22E-4	-9.18E-5
	CC7	0.1232	-0.0077	-0.1062	2.25E-5	-1.12E-4	-7.99E-5
	CC8	0.1258	-0.1456	-0.1129	-2.64E-4	-1.11E-4	-7.69E-5
	CC9	0.1133	-0.1408	-0.1129	-2.55E-4	-1.00E-4	-6.49E-5
	CC10	-0.1199	0.1231	-0.1105	2.66E-4	9.03E-5	7.07E-5
	CC11	-0.1324	0.1279	-0.1105	2.75E-4	1.01E-4	8.27E-5
	CC12	-0.1297	-0.0100	-0.1172	-1.19E-5	1.01E-4	8.56E-5
	CC13	-0.1422	-0.0052	-0.1172	-2.66E-6	1.12E-4	9.76E-5
	CC14	0.0722	0.1846	-0.0999	4.15E-4	-7.27E-5	-6.62E-5
	CC15	0.0308	0.2005	-0.0999	4.45E-4	-3.84E-5	-2.65E-5
	CC16	-0.0045	0.2253	-0.1012	4.91E-4	-8.99E-6	-1.74E-5
	CC17	-0.0458	0.2412	-0.1012	5.21E-4	2.53E-5	2.22E-5
	CC18	0.0393	-0.2589	-0.1222	-5.10E-4	-3.55E-5	-1.65E-5
	CC19	-0.0020	-0.2430	-0.1222	-4.80E-4	-1.21E-6	2.32E-5
	CC20	-0.0374	-0.2182	-0.1235	-4.35E-4	2.82E-5	3.23E-5
	CC21	-0.0787	-0.2023	-0.1235	-4.04E-4	6.25E-5	7.19E-5
117	CC1	0.0001	-0.0090	-0.1147	-2.56E-5	1.57E-5	2.82E-6
	CC2	0.0001	-0.0090	-0.1147	-2.56E-5	1.57E-5	2.82E-6
	CC3	0.0001	-0.0090	-0.1147	-2.56E-5	1.57E-5	2.82E-6
	CC4	0.0001	-0.0084	-0.1103	-2.35E-5	1.41E-5	2.79E-6
	CC5	0.0001	-0.0084	-0.1103	-2.35E-5	1.41E-5	2.79E-6
	CC6	0.1083	-0.0118	-0.0746	-1.63E-5	-6.91E-5	-9.19E-5
	CC7	0.1035	-0.0070	-0.0755	-7.18E-6	-6.55E-5	-8.00E-5
	CC8	0.1076	-0.1449	-0.0780	-2.88E-4	-7.08E-5	-7.70E-5
	CC9	0.1029	-0.1401	-0.0790	-2.79E-4	-6.73E-5	-6.50E-5
	CC10	-0.1026	0.1237	-0.1388	2.33E-4	9.43E-5	7.06E-5
	CC11	-0.1073	0.1285	-0.1398	2.43E-4	9.78E-5	8.26E-5
	CC12	-0.1032	-0.0093	-0.1423	-3.84E-5	9.26E-5	8.55E-5
	CC13	-0.1080	-0.0045	-0.1432	-2.93E-5	9.61E-5	9.75E-5
	CC14	0.0407	0.1853	-0.0920	3.78E-4	-1.40E-5	-6.63E-5
	CC15	0.0250	0.2012	-0.0950	4.08E-4	-2.23E-6	-2.66E-5
	CC16	-0.0225	0.2259	-0.1113	4.53E-4	3.50E-5	-1.75E-5
	CC17	-0.0382	0.2419	-0.1143	4.83E-4	4.68E-5	2.21E-5
	CC18	0.0385	-0.2582	-0.1035	-5.28E-4	-1.98E-5	-1.66E-5
	CC19	0.0228	-0.2423	-0.1065	-4.98E-4	-7.99E-6	2.31E-5
	CC20	-0.0247	-0.2175	-0.1228	-4.53E-4	2.93E-5	3.22E-5
	CC21	-0.0404	-0.2016	-0.1258	-4.23E-4	4.10E-5	7.18E-5

118	CC1	0.0003	-0.0091	-0.1109	-3.63E-5	1.37E-5	3.38E-6
	CC2	0.0003	-0.0091	-0.1109	-3.63E-5	1.37E-5	3.38E-6
	CC3	0.0003	-0.0091	-0.1109	-3.63E-5	1.37E-5	3.38E-6
	CC4	0.0004	-0.0085	-0.1072	-3.39E-5	1.23E-5	3.29E-6
	CC5	0.0004	-0.0085	-0.1072	-3.39E-5	1.23E-5	3.29E-6
	CC6	0.0964	-0.0120	-0.0789	-1.51E-5	5.40E-6	-9.15E-5
	CC7	0.0951	-0.0072	-0.0789	-7.88E-6	8.02E-6	-7.95E-5
	CC8	0.1009	-0.1450	-0.0837	-2.73E-4	-5.03E-5	-7.65E-5
	CC9	0.0996	-0.1402	-0.0838	-2.66E-4	-4.77E-5	-6.46E-5
	CC10	-0.0988	0.1236	-0.1283	1.99E-4	7.13E-5	7.11E-5
	CC11	-0.1001	0.1284	-0.1283	2.07E-4	7.40E-5	8.31E-5
	CC12	-0.0943	-0.0094	-0.1331	-5.84E-5	1.56E-5	8.60E-5
	CC13	-0.0956	-0.0046	-0.1331	-5.11E-5	1.82E-5	9.80E-5
	CC14	0.0243	0.1851	-0.0905	3.52E-4	9.05E-5	-6.58E-5
	CC15	0.0200	0.2011	-0.0906	3.76E-4	9.91E-5	-2.61E-5
	CC16	-0.0343	0.2258	-0.1053	4.17E-4	1.10E-4	-1.70E-5
	CC17	-0.0386	0.2417	-0.1054	4.41E-4	1.19E-4	2.26E-5
	CC18	0.0394	-0.2583	-0.1066	-5.07E-4	-9.52E-5	-1.61E-5
	CC19	0.0351	-0.2424	-0.1067	-4.83E-4	-8.66E-5	2.36E-5
	CC20	-0.0192	-0.2177	-0.1214	-4.43E-4	-7.55E-5	3.27E-5
	CC21	-0.0235	-0.2017	-0.1215	-4.19E-4	-6.68E-5	7.23E-5
119	CC1	-0.0035	-0.0108	-0.1210	8.23E-6	-5.05E-6	2.73E-6
	CC2	-0.0035	-0.0108	-0.1210	8.23E-6	-5.05E-6	2.73E-6
	CC3	-0.0035	-0.0108	-0.1210	8.23E-6	-5.05E-6	2.73E-6
	CC4	-0.0032	-0.0101	-0.1152	5.82E-6	-4.91E-6	2.49E-6
	CC5	-0.0032	-0.0101	-0.1152	5.82E-6	-4.91E-6	2.49E-6
	CC6	0.1358	0.0216	-0.1091	7.78E-5	-1.21E-4	-9.23E-5
	CC7	0.1233	0.0220	-0.1092	7.87E-5	-1.10E-4	-8.03E-5
	CC8	0.1259	-0.1170	-0.1128	-2.10E-4	-1.08E-4	-7.74E-5
	CC9	0.1134	-0.1166	-0.1129	-2.09E-4	-9.75E-5	-6.54E-5
	CC10	-0.1198	0.0968	-0.1136	2.19E-4	8.78E-5	7.02E-5
	CC11	-0.1322	0.0972	-0.1136	2.20E-4	9.81E-5	8.22E-5
	CC12	-0.1296	-0.0418	-0.1173	-6.87E-5	1.01E-4	8.52E-5
	CC13	-0.1421	-0.0415	-0.1174	-6.78E-5	1.11E-4	9.71E-5
	CC14	0.0723	0.2093	-0.1062	4.62E-4	-7.48E-5	-6.67E-5
	CC15	0.0310	0.2104	-0.1065	4.65E-4	-4.07E-5	-2.70E-5
	CC16	-0.0044	0.2318	-0.1076	5.04E-4	-1.22E-5	-1.79E-5
	CC17	-0.0457	0.2329	-0.1078	5.07E-4	2.19E-5	2.18E-5
	CC18	0.0394	-0.2528	-0.1186	-4.97E-4	-3.16E-5	-1.70E-5
	CC19	-0.0019	-0.2516	-0.1189	-4.94E-4	2.49E-6	2.27E-5
	CC20	-0.0373	-0.2302	-0.1200	-4.55E-4	3.10E-5	3.18E-5
	CC21	-0.0786	-0.2291	-0.1202	-4.52E-4	6.51E-5	7.15E-5
120	CC1	-0.0001	-0.0102	-0.1110	-2.69E-5	-3.11E-6	2.17E-6
	CC2	-0.0001	-0.0102	-0.1110	-2.69E-5	-3.11E-6	2.17E-6
	CC3	-0.0001	-0.0102	-0.1110	-2.69E-5	-3.11E-6	2.17E-6
	CC4	0.0000	-0.0096	-0.1069	-2.50E-5	-3.08E-6	1.94E-6
	CC5	0.0000	-0.0096	-0.1069	-2.50E-5	-3.08E-6	1.94E-6
	CC6	0.1081	0.0222	-0.0883	4.82E-5	-1.58E-4	-9.29E-5
	CC7	0.1034	0.0225	-0.0885	4.93E-5	-1.51E-4	-8.09E-5
	CC8	0.1075	-0.1164	-0.0922	-2.43E-4	-1.59E-4	-7.79E-5
	CC9	0.1027	-0.1161	-0.0924	-2.41E-4	-1.53E-4	-6.60E-5
	CC10	-0.1027	0.0974	-0.1188	1.93E-4	1.47E-4	6.97E-5
	CC11	-0.1075	0.0977	-0.1190	1.94E-4	1.53E-4	8.17E-5
	CC12	-0.1034	-0.0412	-0.1227	-9.81E-5	1.45E-4	8.46E-5
	CC13	-0.1081	-0.0409	-0.1229	-9.69E-5	1.52E-4	9.66E-5
	CC14	0.0406	0.2098	-0.0942	4.37E-4	-5.72E-5	-6.72E-5
	CC15	0.0249	0.2109	-0.0949	4.40E-4	-3.53E-5	-2.75E-5
	CC16	-0.0227	0.2324	-0.1033	4.80E-4	3.40E-5	-1.84E-5
	CC17	-0.0384	0.2335	-0.1040	4.84E-4	5.60E-5	2.12E-5
	CC18	0.0384	-0.2522	-0.1072	-5.33E-4	-6.21E-5	-1.75E-5
	CC19	0.0227	-0.2511	-0.1079	-5.29E-4	-4.02E-5	2.22E-5
	CC20	-0.0249	-0.2296	-0.1164	-4.89E-4	2.92E-5	3.13E-5
	CC21	-0.0406	-0.2285	-0.1171	-4.85E-4	5.11E-5	7.09E-5
121	CC1	0.0002	-0.0106	-0.1019	-2.93E-5	-3.68E-7	3.26E-6
	CC2	0.0002	-0.0106	-0.1019	-2.93E-5	-3.68E-7	3.26E-6
	CC3	0.0002	-0.0106	-0.1019	-2.93E-5	-3.68E-7	3.26E-6
	CC4	0.0002	-0.0099	-0.0988	-2.75E-5	-2.27E-7	3.07E-6
	CC5	0.0002	-0.0099	-0.0988	-2.75E-5	-2.27E-7	3.07E-6
	CC6	0.0963	0.0218	-0.0625	3.46E-5	-1.23E-4	-9.17E-5
	CC7	0.0950	0.0222	-0.0614	3.59E-5	-1.21E-4	-7.97E-5
	CC8	0.1008	-0.1168	-0.0920	-2.20E-4	-1.42E-4	-7.68E-5
	CC9	0.0995	-0.1164	-0.0909	-2.18E-4	-1.40E-4	-6.48E-5

	CC10	-0.0989	0.0970	-0.1045	1.64E-4	1.39E-4	7.08E-5
	CC11	-0.1002	0.0974	-0.1034	1.66E-4	1.41E-4	8.28E-5
	CC12	-0.0944	-0.0416	-0.1340	-8.97E-5	1.21E-4	8.57E-5
	CC13	-0.0957	-0.0412	-0.1329	-8.85E-5	1.23E-4	9.77E-5
	CC14	0.0242	0.2095	-0.0440	3.75E-4	-1.21E-5	-6.61E-5
	CC15	0.0199	0.2106	-0.0404	3.79E-4	-5.54E-6	-2.64E-5
	CC16	-0.0344	0.2320	-0.0566	4.14E-4	6.67E-5	-1.73E-5
	CC17	-0.0387	0.2331	-0.0530	4.18E-4	7.32E-5	2.24E-5
	CC18	0.0392	-0.2526	-0.1424	-4.72E-4	-7.36E-5	-1.64E-5
	CC19	0.0350	-0.2514	-0.1388	-4.68E-4	-6.70E-5	2.33E-5
	CC20	-0.0193	-0.2300	-0.1550	-4.33E-4	5.18E-6	3.24E-5
	CC21	-0.0236	-0.2289	-0.1514	-4.29E-4	1.17E-5	7.21E-5
122	CC1	-0.0034	-0.0106	-0.1268	7.83E-6	-1.92E-5	-4.81E-7
	CC2	-0.0034	-0.0106	-0.1268	7.83E-6	-1.92E-5	-4.81E-7
	CC3	-0.0034	-0.0106	-0.1268	7.83E-6	-1.92E-5	-4.81E-7
	CC4	-0.0031	-0.0099	-0.1207	5.67E-6	-1.86E-5	-6.35E-7
	CC5	-0.0031	-0.0099	-0.1207	5.67E-6	-1.86E-5	-6.35E-7
	CC6	0.1359	0.0561	-0.1121	1.17E-4	-1.34E-4	-9.54E-5
	CC7	0.1235	0.0521	-0.1121	1.10E-4	-1.23E-4	-8.34E-5
	CC8	0.1261	-0.0879	-0.1204	-1.76E-4	-1.28E-4	-8.05E-5
	CC9	0.1136	-0.0920	-0.1204	-1.84E-4	-1.17E-4	-6.85E-5
	CC10	-0.1196	0.0727	-0.1169	1.94E-4	8.02E-5	6.71E-5
	CC11	-0.1321	0.0686	-0.1169	1.86E-4	9.08E-5	7.91E-5
	CC12	-0.1295	-0.0714	-0.1252	-9.96E-5	8.63E-5	8.21E-5
	CC13	-0.1420	-0.0754	-0.1252	-1.08E-4	9.69E-5	9.40E-5
	CC14	0.0724	0.2345	-0.1040	4.95E-4	-7.82E-5	-6.98E-5
	CC15	0.0311	0.2213	-0.1041	4.69E-4	-4.31E-5	-3.01E-5
	CC16	-0.0043	0.2395	-0.1055	5.18E-4	-1.40E-5	-2.10E-5
	CC17	-0.0456	0.2262	-0.1056	4.92E-4	2.10E-5	1.87E-5
	CC18	0.0395	-0.2455	-0.1317	-4.82E-4	-5.78E-5	-2.01E-5
	CC19	-0.0018	-0.2588	-0.1318	-5.08E-4	-2.27E-5	1.96E-5
	CC20	-0.0371	-0.2405	-0.1332	-4.59E-4	6.36E-6	2.87E-5
	CC21	-0.0784	-0.2538	-0.1333	-4.85E-4	4.14E-5	6.84E-5
123	CC1	0.0001	-0.0102	-0.1136	-3.48E-5	-2.12E-5	-2.09E-6
	CC2	0.0001	-0.0102	-0.1136	-3.48E-5	-2.12E-5	-2.09E-6
	CC3	0.0001	-0.0102	-0.1136	-3.48E-5	-2.12E-5	-2.09E-6
	CC4	0.0001	-0.0094	-0.1094	-3.22E-5	-1.99E-5	-2.22E-6
	CC5	0.0001	-0.0094	-0.1094	-3.22E-5	-1.99E-5	-2.22E-6
	CC6	0.1082	0.0566	-0.1387	1.04E-4	-1.50E-4	-9.70E-5
	CC7	0.1035	0.0526	-0.1370	9.68E-5	-1.45E-4	-8.50E-5
	CC8	0.1075	-0.0874	-0.1421	-1.91E-4	-1.52E-4	-8.21E-5
	CC9	0.1028	-0.0915	-0.1404	-1.98E-4	-1.46E-4	-7.01E-5
	CC10	-0.1025	0.0732	-0.0757	1.35E-4	1.08E-4	6.56E-5
	CC11	-0.1072	0.0691	-0.0740	1.28E-4	1.13E-4	7.76E-5
	CC12	-0.1031	-0.0709	-0.0791	-1.59E-4	1.06E-4	8.05E-5
	CC13	-0.1079	-0.0749	-0.0774	-1.66E-4	1.11E-4	9.25E-5
	CC14	0.0407	0.2350	-0.1146	4.66E-4	-6.44E-5	-7.13E-5
	CC15	0.0251	0.2217	-0.1089	4.43E-4	-4.70E-5	-3.17E-5
	CC16	-0.0225	0.2400	-0.0958	4.76E-4	1.30E-5	-2.26E-5
	CC17	-0.0381	0.2267	-0.0901	4.52E-4	3.04E-5	1.71E-5
	CC18	0.0385	-0.2450	-0.1260	-5.15E-4	-6.92E-5	-2.16E-5
	CC19	0.0228	-0.2583	-0.1204	-5.38E-4	-5.18E-5	1.80E-5
	CC20	-0.0247	-0.2401	-0.1072	-5.06E-4	8.16E-6	2.71E-5
	CC21	-0.0404	-0.2533	-0.1015	-5.29E-4	2.55E-5	6.68E-5
124	CC1	0.0001	-0.0101	-0.1190	-4.43E-5	-2.35E-5	-1.01E-6
	CC2	0.0001	-0.0101	-0.1190	-4.43E-5	-2.35E-5	-1.01E-6
	CC3	0.0001	-0.0101	-0.1190	-4.43E-5	-2.35E-5	-1.01E-6
	CC4	0.0003	-0.0094	-0.1145	-4.06E-5	-2.25E-5	-9.85E-7
	CC5	0.0003	-0.0094	-0.1145	-4.06E-5	-2.25E-5	-9.85E-7
	CC6	0.0963	0.0557	-0.1173	1.83E-5	-1.26E-4	-9.57E-5
	CC7	0.0950	0.0518	-0.1167	1.50E-5	-1.26E-4	-8.37E-5
	CC8	0.1008	-0.0881	-0.1226	-1.42E-4	-1.10E-4	-8.08E-5
	CC9	0.0995	-0.0920	-0.1221	-1.45E-4	-1.10E-4	-6.88E-5
	CC10	-0.0989	0.0738	-0.1040	6.60E-5	6.61E-5	6.69E-5
	CC11	-0.1002	0.0699	-0.1035	6.27E-5	6.56E-5	7.88E-5
	CC12	-0.0944	-0.0700	-0.1093	-9.39E-5	8.20E-5	8.18E-5
	CC13	-0.0957	-0.0739	-0.1088	-9.71E-5	8.16E-5	9.37E-5
	CC14	0.0242	0.2344	-0.1070	2.25E-4	-7.67E-5	-7.00E-5
	CC15	0.0199	0.2215	-0.1053	2.14E-4	-7.83E-5	-3.04E-5
	CC16	-0.0344	0.2399	-0.1030	2.40E-4	-1.91E-5	-2.13E-5
	CC17	-0.0387	0.2270	-0.1013	2.29E-4	-2.07E-5	1.84E-5
	CC18	0.0393	-0.2452	-0.1248	-3.08E-4	-2.36E-5	-2.03E-5

	CC19	0.0350	-0.2580	-0.1231	-3.18E-4	-2.52E-5	1.93E-5
	CC20	-0.0193	-0.2397	-0.1208	-2.93E-4	3.40E-5	2.84E-5
	CC21	-0.0236	-0.2526	-0.1191	-3.04E-4	3.24E-5	6.81E-5
125	CC1	-0.0031	-0.0086	-0.1447	7.38E-6	-1.81E-5	-8.22E-7
	CC2	-0.0031	-0.0086	-0.1447	7.38E-6	-1.81E-5	-8.22E-7
	CC3	-0.0031	-0.0086	-0.1447	7.38E-6	-1.81E-5	-8.22E-7
	CC4	-0.0028	-0.0079	-0.1380	5.94E-6	-1.77E-5	-8.77E-7
	CC5	-0.0028	-0.0079	-0.1380	5.94E-6	-1.77E-5	-8.77E-7
	CC6	0.1362	0.0931	-0.1268	7.83E-5	-1.08E-4	-9.56E-5
	CC7	0.1237	0.0848	-0.1268	5.64E-5	-9.96E-5	-8.36E-5
	CC8	0.1263	-0.0563	-0.1358	-1.80E-4	-1.17E-4	-8.07E-5
	CC9	0.1139	-0.0646	-0.1358	-2.02E-4	-1.09E-4	-6.87E-5
	CC10	-0.1194	0.0492	-0.1358	2.13E-4	7.34E-5	6.69E-5
	CC11	-0.1318	0.0409	-0.1358	1.91E-4	8.21E-5	7.89E-5
	CC12	-0.1292	-0.1002	-0.1448	-4.55E-5	6.44E-5	8.18E-5
	CC13	-0.1417	-0.1086	-0.1448	-6.74E-5	7.31E-5	9.38E-5
	CC14	0.0727	0.2618	-0.1194	4.52E-4	-4.43E-5	-7.00E-5
	CC15	0.0314	0.2341	-0.1194	3.80E-4	-1.55E-5	-3.03E-5
	CC16	-0.0040	0.2486	-0.1221	4.93E-4	1.02E-5	-2.12E-5
	CC17	-0.0453	0.2209	-0.1221	4.20E-4	3.90E-5	1.85E-5
	CC18	0.0398	-0.2363	-0.1495	-4.09E-4	-7.42E-5	-2.03E-5
	CC19	-0.0015	-0.2640	-0.1495	-4.82E-4	-4.54E-5	1.94E-5
	CC20	-0.0369	-0.2495	-0.1522	-3.69E-4	-1.97E-5	2.85E-5
	CC21	-0.0782	-0.2772	-0.1522	-4.41E-4	9.06E-6	6.82E-5
126	CC1	0.0001	-0.0079	-0.1422	-6.26E-5	-6.54E-5	-4.38E-6
	CC2	0.0001	-0.0079	-0.1422	-6.26E-5	-6.54E-5	-4.38E-6
	CC3	0.0001	-0.0079	-0.1422	-6.26E-5	-6.54E-5	-4.38E-6
	CC4	0.0002	-0.0072	-0.1362	-5.79E-5	-6.09E-5	-4.16E-6
	CC5	0.0002	-0.0072	-0.1362	-5.79E-5	-6.09E-5	-4.16E-6
	CC6	0.1084	0.0939	-0.1479	6.29E-5	-6.97E-6	-9.88E-5
	CC7	0.1036	0.0855	-0.1476	5.08E-5	-1.06E-5	-8.68E-5
	CC8	0.1077	-0.0556	-0.1522	-2.17E-4	-8.85E-6	-8.39E-5
	CC9	0.1029	-0.0639	-0.1518	-2.29E-4	-1.24E-5	-7.19E-5
	CC10	-0.1025	0.0500	-0.1166	1.16E-4	-1.06E-4	6.37E-5
	CC11	-0.1072	0.0416	-0.1163	1.04E-4	-1.10E-4	7.57E-5
	CC12	-0.1031	-0.0995	-0.1208	-1.64E-4	-1.08E-4	7.86E-5
	CC13	-0.1079	-0.1078	-0.1205	-1.76E-4	-1.12E-4	9.06E-5
	CC14	0.0408	0.2625	-0.1324	4.22E-4	-3.54E-5	-7.32E-5
	CC15	0.0251	0.2348	-0.1314	3.82E-4	-4.73E-5	-3.35E-5
	CC16	-0.0224	0.2493	-0.1230	4.38E-4	-6.53E-5	-2.44E-5
	CC17	-0.0381	0.2216	-0.1219	3.98E-4	-7.71E-5	1.53E-5
	CC18	0.0386	-0.2356	-0.1465	-5.11E-4	-4.17E-5	-2.35E-5
	CC19	0.0229	-0.2633	-0.1454	-5.51E-4	-5.36E-5	1.62E-5
	CC20	-0.0246	-0.2488	-0.1371	-4.95E-4	-7.15E-5	2.53E-5
	CC21	-0.0403	-0.2764	-0.1360	-5.35E-4	-8.34E-5	6.50E-5
127	CC1	0.0003	-0.0072	-0.1241	-4.62E-5	-2.30E-5	3.52E-6
	CC2	0.0003	-0.0072	-0.1241	-4.62E-5	-2.30E-5	3.52E-6
	CC3	0.0003	-0.0072	-0.1241	-4.62E-5	-2.30E-5	3.52E-6
	CC4	0.0004	-0.0065	-0.1199	-4.25E-5	-2.21E-5	3.44E-6
	CC5	0.0004	-0.0065	-0.1199	-4.25E-5	-2.21E-5	3.44E-6
	CC6	0.0965	0.0945	-0.1201	6.67E-5	-1.08E-4	-9.13E-5
	CC7	0.0952	0.0862	-0.1207	6.11E-5	-1.06E-4	-7.93E-5
	CC8	0.1010	-0.0549	-0.1275	-7.29E-5	-9.29E-5	-7.64E-5
	CC9	0.0997	-0.0632	-0.1280	-7.85E-5	-9.10E-5	-6.44E-5
	CC10	-0.0988	0.0506	-0.1089	-3.98E-6	4.75E-5	7.12E-5
	CC11	-0.1001	0.0423	-0.1095	-9.58E-6	4.93E-5	8.32E-5
	CC12	-0.0942	-0.0988	-0.1163	-1.44E-4	6.23E-5	8.62E-5
	CC13	-0.0955	-0.1072	-0.1168	-1.49E-4	6.41E-5	9.81E-5
	CC14	0.0244	0.2632	-0.1069	2.11E-4	-7.28E-5	-6.57E-5
	CC15	0.0201	0.2355	-0.1088	1.93E-4	-6.66E-5	-2.60E-5
	CC16	-0.0342	0.2500	-0.1036	1.90E-4	-2.63E-5	-1.69E-5
	CC17	-0.0385	0.2223	-0.1054	1.72E-4	-2.01E-5	2.28E-5
	CC18	0.0394	-0.2349	-0.1315	-2.54E-4	-2.35E-5	-1.60E-5
	CC19	0.0351	-0.2626	-0.1334	-2.73E-4	-1.73E-5	2.37E-5
	CC20	-0.0191	-0.2481	-0.1281	-2.75E-4	2.31E-5	3.28E-5
	CC21	-0.0234	-0.2758	-0.1300	-2.94E-4	2.93E-5	7.25E-5
128	CC1	0.0021	-0.0073	-0.0992	-7.14E-5	-1.21E-5	2.79E-6
	CC2	0.0021	-0.0073	-0.0992	-7.14E-5	-1.21E-5	2.79E-6
	CC3	0.0021	-0.0073	-0.0992	-7.14E-5	-1.21E-5	2.79E-6
	CC4	0.0021	-0.0067	-0.0965	-6.76E-5	-1.20E-5	2.71E-6
	CC5	0.0021	-0.0067	-0.0965	-6.76E-5	-1.20E-5	2.71E-6
	CC6	0.0869	0.0904	-0.1235	4.09E-5	-1.39E-4	-9.20E-5

	CC7	0.0897	0.0826	-0.1235	3.54E-5	-1.43E-4	-8.00E-5
	CC8	0.0963	-0.0584	-0.1092	-9.43E-5	-1.55E-4	-7.71E-5
	CC9	0.0991	-0.0662	-0.1092	-9.98E-5	-1.59E-4	-6.51E-5
	CC10	-0.0947	0.0533	-0.0819	-3.27E-5	1.35E-4	7.05E-5
	CC11	-0.0919	0.0455	-0.0820	-3.83E-5	1.31E-4	8.25E-5
	CC12	-0.0854	-0.0955	-0.0676	-1.68E-4	1.19E-4	8.54E-5
	CC13	-0.0825	-0.1033	-0.0677	-1.74E-4	1.15E-4	9.74E-5
	CC14	0.0091	0.2601	-0.1255	1.79E-4	-1.91E-5	-6.64E-5
	CC15	0.0184	0.2341	-0.1257	1.61E-4	-3.31E-5	-2.67E-5
	CC16	-0.0454	0.2490	-0.1131	1.57E-4	6.30E-5	-1.76E-5
	CC17	-0.0361	0.2230	-0.1132	1.39E-4	4.90E-5	2.21E-5
	CC18	0.0404	-0.2359	-0.0779	-2.71E-4	-7.31E-5	-1.67E-5
	CC19	0.0497	-0.2619	-0.0781	-2.90E-4	-8.71E-5	2.30E-5
	CC20	-0.0141	-0.2470	-0.0655	-2.94E-4	9.03E-6	3.21E-5
	CC21	-0.0048	-0.2730	-0.0656	-3.12E-4	-4.96E-6	7.18E-5
129	CC1	-0.0026	-0.0085	-0.1500	2.01E-5	-4.44E-6	3.15E-6
	CC2	-0.0026	-0.0085	-0.1500	2.01E-5	-4.44E-6	3.15E-6
	CC3	-0.0026	-0.0085	-0.1500	2.01E-5	-4.44E-6	3.15E-6
	CC4	-0.0024	-0.0078	-0.1435	2.12E-5	-4.52E-6	3.03E-6
	CC5	-0.0024	-0.0078	-0.1435	2.12E-5	-4.52E-6	3.03E-6
	CC6	0.1366	0.1285	-0.1234	9.42E-5	-1.86E-4	-9.17E-5
	CC7	0.1241	0.1157	-0.1241	8.83E-5	-1.70E-4	-7.98E-5
	CC8	0.1267	-0.0265	-0.1390	1.98E-5	-1.71E-4	-7.68E-5
	CC9	0.1143	-0.0393	-0.1397	1.38E-5	-1.55E-4	-6.48E-5
	CC10	-0.1190	0.0243	-0.1429	2.93E-5	1.46E-4	7.08E-5
	CC11	-0.1314	0.0114	-0.1436	2.34E-5	1.62E-4	8.28E-5
	CC12	-0.1288	-0.1307	-0.1585	-4.51E-5	1.61E-4	8.57E-5
	CC13	-0.1413	-0.1436	-0.1592	-5.11E-5	1.77E-4	9.77E-5
	CC14	0.0731	0.2877	-0.1112	1.65E-4	-1.05E-4	-6.61E-5
	CC15	0.0318	0.2452	-0.1136	1.46E-4	-5.19E-5	-2.64E-5
	CC16	-0.0036	0.2564	-0.1171	1.46E-4	-5.39E-6	-1.73E-5
	CC17	-0.0449	0.2139	-0.1194	1.26E-4	4.76E-5	2.24E-5
	CC18	0.0402	-0.2290	-0.1632	-8.30E-5	-5.67E-5	-1.64E-5
	CC19	-0.0011	-0.2714	-0.1656	-1.03E-4	-3.69E-6	2.33E-5
	CC20	-0.0365	-0.2602	-0.1691	-1.02E-4	4.28E-5	3.24E-5
	CC21	-0.0778	-0.3027	-0.1714	-1.22E-4	9.58E-5	7.21E-5
130	CC1	0.0004	-0.0085	-0.1380	-2.05E-5	-2.41E-7	1.48E-6
	CC2	0.0004	-0.0085	-0.1380	-2.05E-5	-2.41E-7	1.48E-6
	CC3	0.0004	-0.0085	-0.1380	-2.05E-5	-2.41E-7	1.48E-6
	CC4	0.0005	-0.0078	-0.1325	-1.86E-5	-4.65E-7	1.45E-6
	CC5	0.0005	-0.0078	-0.1325	-1.86E-5	-4.65E-7	1.45E-6
	CC6	0.1086	0.1290	-0.1337	8.30E-5	-1.52E-4	-9.33E-5
	CC7	0.1039	0.1161	-0.1343	7.42E-5	-1.45E-4	-8.13E-5
	CC8	0.1080	-0.0261	-0.1418	-2.85E-5	-1.50E-4	-7.84E-5
	CC9	0.1032	-0.0390	-0.1425	-3.73E-5	-1.43E-4	-6.64E-5
	CC10	-0.1022	0.0239	-0.1190	1.36E-6	1.42E-4	6.93E-5
	CC11	-0.1069	0.0110	-0.1196	-7.42E-6	1.49E-4	8.12E-5
	CC12	-0.1028	-0.1312	-0.1272	-1.10E-4	1.44E-4	8.42E-5
	CC13	-0.1076	-0.1441	-0.1278	-1.19E-4	1.51E-4	9.62E-5
	CC14	0.0411	0.2880	-0.1183	1.95E-4	-6.02E-5	-6.76E-5
	CC15	0.0254	0.2453	-0.1204	1.66E-4	-3.56E-5	-2.80E-5
	CC16	-0.0221	0.2564	-0.1139	1.70E-4	2.80E-5	-1.89E-5
	CC17	-0.0378	0.2138	-0.1160	1.41E-4	5.25E-5	2.08E-5
	CC18	0.0389	-0.2289	-0.1455	-1.77E-4	-5.36E-5	-1.79E-5
	CC19	0.0232	-0.2716	-0.1476	-2.06E-4	-2.90E-5	2.17E-5
	CC20	-0.0243	-0.2604	-0.1411	-2.01E-4	3.45E-5	3.08E-5
	CC21	-0.0400	-0.3031	-0.1432	-2.31E-4	5.91E-5	7.05E-5
131	CC1	0.0007	-0.0084	-0.1370	-2.48E-5	-7.23E-6	2.28E-6
	CC2	0.0007	-0.0084	-0.1370	-2.48E-5	-7.23E-6	2.28E-6
	CC3	0.0007	-0.0084	-0.1370	-2.48E-5	-7.23E-6	2.28E-6
	CC4	0.0008	-0.0077	-0.1322	-2.12E-5	-7.18E-6	2.25E-6
	CC5	0.0008	-0.0077	-0.1322	-2.12E-5	-7.18E-6	2.25E-6
	CC6	0.0968	0.1286	-0.1401	-1.05E-5	-9.21E-5	-9.25E-5
	CC7	0.0955	0.1157	-0.1398	-1.69E-5	-9.04E-5	-8.05E-5
	CC8	0.1013	-0.0264	-0.1364	-9.27E-5	-8.48E-5	-7.76E-5
	CC9	0.1000	-0.0393	-0.1361	-9.91E-5	-8.31E-5	-6.56E-5
	CC10	-0.0984	0.0243	-0.1251	5.90E-5	6.87E-5	7.01E-5
	CC11	-0.0997	0.0115	-0.1249	5.26E-5	7.05E-5	8.20E-5
	CC12	-0.0939	-0.1307	-0.1215	-2.32E-5	7.60E-5	8.50E-5
	CC13	-0.0952	-0.1435	-0.1212	-2.96E-5	7.78E-5	9.70E-5
	CC14	0.0247	0.2877	-0.1394	1.17E-4	-4.64E-5	-6.68E-5
	CC15	0.0204	0.2452	-0.1385	9.60E-5	-4.06E-5	-2.72E-5

	CC16	-0.0339	0.2564	-0.1349	1.38E-4	1.87E-6	-1.81E-5
	CC17	-0.0382	0.2140	-0.1340	1.17E-4	7.66E-6	2.16E-5
	CC18	0.0398	-0.2289	-0.1273	-1.57E-4	-2.20E-5	-1.71E-5
	CC19	0.0355	-0.2714	-0.1263	-1.78E-4	-1.62E-5	2.25E-5
	CC20	-0.0188	-0.2602	-0.1228	-1.36E-4	2.63E-5	3.16E-5
	CC21	-0.0231	-0.3027	-0.1219	-1.57E-4	3.20E-5	7.13E-5
132	CC1	0.0020	-0.0084	-0.1151	-6.99E-5	-4.96E-6	4.88E-7
	CC2	0.0020	-0.0084	-0.1151	-6.99E-5	-4.96E-6	4.88E-7
	CC3	0.0020	-0.0084	-0.1151	-6.99E-5	-4.96E-6	4.88E-7
	CC4	0.0021	-0.0077	-0.1122	-6.48E-5	-5.36E-6	4.83E-7
	CC5	0.0021	-0.0077	-0.1122	-6.48E-5	-5.36E-6	4.83E-7
	CC6	0.0868	0.1286	-0.1085	-5.45E-5	-9.66E-5	-9.42E-5
	CC7	0.0896	0.1158	-0.1067	-6.43E-5	-9.96E-5	-8.23E-5
	CC8	0.0962	-0.0264	-0.0908	-1.74E-4	-1.09E-4	-7.93E-5
	CC9	0.0990	-0.0392	-0.0890	-1.84E-4	-1.11E-4	-6.73E-5
	CC10	-0.0948	0.0243	-0.1335	5.74E-5	1.01E-4	6.83E-5
	CC11	-0.0920	0.0115	-0.1317	4.76E-5	9.76E-5	8.03E-5
	CC12	-0.0854	-0.1306	-0.1158	-6.20E-5	8.86E-5	8.32E-5
	CC13	-0.0826	-0.1435	-0.1140	-7.18E-5	8.56E-5	9.52E-5
	CC14	0.0090	0.2878	-0.1400	1.35E-4	-1.03E-5	-6.86E-5
	CC15	0.0183	0.2453	-0.1341	1.03E-4	-2.00E-5	-2.89E-5
	CC16	-0.0454	0.2565	-0.1475	1.69E-4	4.89E-5	-1.98E-5
	CC17	-0.0361	0.2140	-0.1416	1.36E-4	3.91E-5	1.98E-5
	CC18	0.0403	-0.2289	-0.0809	-2.63E-4	-5.01E-5	-1.89E-5
	CC19	0.0496	-0.2713	-0.0750	-2.95E-4	-5.98E-5	2.08E-5
	CC20	-0.0141	-0.2601	-0.0884	-2.29E-4	9.06E-6	2.99E-5
	CC21	-0.0048	-0.3026	-0.0825	-2.62E-4	-7.05E-7	6.95E-5
133	CC1	-0.0021	-0.0077	-0.1570	1.34E-5	-8.77E-6	-2.10E-6
	CC2	-0.0021	-0.0077	-0.1570	1.34E-5	-8.77E-6	-2.10E-6
	CC3	-0.0021	-0.0077	-0.1570	1.34E-5	-8.77E-6	-2.10E-6
	CC4	-0.0019	-0.0071	-0.1501	1.23E-5	-9.01E-6	-1.93E-6
	CC5	-0.0019	-0.0071	-0.1501	1.23E-5	-9.01E-6	-1.93E-6
	CC6	0.1371	0.1630	-0.1499	2.85E-4	-1.02E-4	-9.66E-5
	CC7	0.1246	0.1459	-0.1509	2.57E-4	-9.48E-5	-8.46E-5
	CC8	0.1272	0.0027	-0.1656	1.61E-5	-1.10E-4	-8.17E-5
	CC9	0.1148	-0.0145	-0.1665	-1.14E-5	-1.02E-4	-6.97E-5
	CC10	-0.1185	0.0008	-0.1292	3.53E-5	8.42E-5	6.60E-5
	CC11	-0.1309	-0.0164	-0.1301	7.79E-6	9.13E-5	7.79E-5
	CC12	-0.1283	-0.1596	-0.1448	-2.33E-4	7.66E-5	8.09E-5
	CC13	-0.1408	-0.1767	-0.1458	-2.61E-4	8.37E-5	9.28E-5
	CC14	0.0736	0.3130	-0.1233	5.43E-4	-3.61E-5	-7.09E-5
	CC15	0.0323	0.2564	-0.1265	4.52E-4	-1.25E-5	-3.13E-5
	CC16	-0.0031	0.2644	-0.1171	4.68E-4	1.97E-5	-2.22E-5
	CC17	-0.0444	0.2077	-0.1203	3.77E-4	4.33E-5	1.75E-5
	CC18	0.0407	-0.2214	-0.1754	-3.53E-4	-6.15E-5	-2.12E-5
	CC19	-0.0006	-0.2781	-0.1786	-4.44E-4	-3.79E-5	1.84E-5
	CC20	-0.0360	-0.2701	-0.1692	-4.28E-4	-5.64E-6	2.75E-5
	CC21	-0.0773	-0.3267	-0.1724	-5.19E-4	1.79E-5	6.72E-5
134	CC1	0.0006	-0.0070	-0.1537	-4.66E-5	5.29E-5	-1.94E-6
	CC2	0.0006	-0.0070	-0.1537	-4.66E-5	5.29E-5	-1.94E-6
	CC3	0.0006	-0.0070	-0.1537	-4.66E-5	5.29E-5	-1.94E-6
	CC4	0.0008	-0.0064	-0.1474	-4.28E-5	4.72E-5	-1.77E-6
	CC5	0.0008	-0.0064	-0.1474	-4.28E-5	4.72E-5	-1.77E-6
	CC6	0.1089	0.1641	-0.1307	2.59E-4	3.09E-5	-9.64E-5
	CC7	0.1042	0.1469	-0.1319	2.30E-4	2.46E-5	-8.45E-5
	CC8	0.1082	0.0037	-0.1392	-2.03E-5	-1.92E-5	-8.15E-5
	CC9	0.1035	-0.0135	-0.1404	-4.90E-5	-2.54E-5	-6.95E-5
	CC10	-0.1019	0.0011	-0.1501	-3.41E-5	1.16E-4	6.61E-5
	CC11	-0.1067	-0.0161	-0.1513	-6.28E-5	1.10E-4	7.81E-5
	CC12	-0.1026	-0.1593	-0.1586	-3.13E-4	6.61E-5	8.10E-5
	CC13	-0.1073	-0.1765	-0.1598	-3.42E-4	5.98E-5	9.30E-5
	CC14	0.0414	0.3140	-0.1261	5.16E-4	1.26E-4	-7.08E-5
	CC15	0.0257	0.2571	-0.1302	4.20E-4	1.06E-4	-3.11E-5
	CC16	-0.0219	0.2651	-0.1320	4.28E-4	1.52E-4	-2.20E-5
	CC17	-0.0376	0.2083	-0.1360	3.33E-4	1.31E-4	1.77E-5
	CC18	0.0392	-0.2206	-0.1545	-4.16E-4	-4.05E-5	-2.11E-5
	CC19	0.0235	-0.2775	-0.1586	-5.11E-4	-6.12E-5	1.86E-5
	CC20	-0.0241	-0.2695	-0.1604	-5.04E-4	-1.49E-5	2.77E-5
	CC21	-0.0398	-0.3264	-0.1644	-5.99E-4	-3.57E-5	6.74E-5
135	CC1	0.0014	-0.0068	-0.1265	-9.60E-6	2.00E-6	1.79E-6
	CC2	0.0014	-0.0068	-0.1265	-9.60E-6	2.00E-6	1.79E-6
	CC3	0.0014	-0.0068	-0.1265	-9.60E-6	2.00E-6	1.79E-6

	CC4	0.0015	-0.0062	-0.1225	-7.60E-6	1.25E-6	1.78E-6
	CC5	0.0015	-0.0062	-0.1225	-7.60E-6	1.25E-6	1.78E-6
	CC6	0.0976	0.1599	-0.1251	1.24E-4	-1.39E-4	-9.29E-5
	CC7	0.0963	0.1432	-0.1255	1.13E-4	-1.35E-4	-8.10E-5
	CC8	0.1021	0.0002	-0.1278	-8.60E-7	-1.43E-4	-7.80E-5
	CC9	0.1008	-0.0165	-0.1283	-1.17E-5	-1.40E-4	-6.60E-5
	CC10	-0.0976	0.0045	-0.1140	-2.21E-6	1.42E-4	6.96E-5
	CC11	-0.0989	-0.0122	-0.1145	-1.30E-5	1.45E-4	8.16E-5
	CC12	-0.0931	-0.1552	-0.1168	-1.27E-4	1.37E-4	8.45E-5
	CC13	-0.0944	-0.1719	-0.1172	-1.38E-4	1.41E-4	9.65E-5
	CC14	0.0255	0.3110	-0.1175	2.38E-4	-3.91E-5	-6.73E-5
	CC15	0.0212	0.2560	-0.1190	2.02E-4	-2.86E-5	-2.76E-5
	CC16	-0.0331	0.2644	-0.1142	2.00E-4	4.50E-5	-1.85E-5
	CC17	-0.0374	0.2093	-0.1157	1.64E-4	5.55E-5	2.11E-5
	CC18	0.0405	-0.2214	-0.1267	-1.78E-4	-5.35E-5	-1.76E-5
	CC19	0.0362	-0.2764	-0.1282	-2.14E-4	-4.30E-5	2.21E-5
	CC20	-0.0180	-0.2680	-0.1233	-2.16E-4	3.06E-5	3.12E-5
	CC21	-0.0223	-0.3230	-0.1248	-2.52E-4	4.11E-5	7.08E-5
136	CC1	0.0023	-0.0070	-0.1166	-4.20E-5	-7.98E-6	-2.66E-6
	CC2	0.0023	-0.0070	-0.1166	-4.20E-5	-7.98E-6	-2.66E-6
	CC3	0.0023	-0.0070	-0.1166	-4.20E-5	-7.98E-6	-2.66E-6
	CC4	0.0024	-0.0063	-0.1138	-3.81E-5	-8.25E-6	-2.45E-6
	CC5	0.0024	-0.0063	-0.1138	-3.81E-5	-8.25E-6	-2.45E-6
	CC6	0.0872	0.1637	-0.1525	8.15E-5	-1.18E-4	-9.71E-5
	CC7	0.0900	0.1466	-0.1521	7.27E-5	-1.21E-4	-8.51E-5
	CC8	0.0965	0.0034	-0.1390	-2.72E-5	-1.26E-4	-8.22E-5
	CC9	0.0994	-0.0137	-0.1385	-3.60E-5	-1.29E-4	-7.02E-5
	CC10	-0.0945	0.0014	-0.0873	-3.77E-5	1.13E-4	6.54E-5
	CC11	-0.0916	-0.0157	-0.0868	-4.66E-5	1.10E-4	7.74E-5
	CC12	-0.0851	-0.1589	-0.0738	-1.46E-4	1.04E-4	8.04E-5
	CC13	-0.0823	-0.1760	-0.0733	-1.55E-4	1.01E-4	9.23E-5
	CC14	0.0094	0.3138	-0.1460	1.77E-4	-2.37E-5	-7.14E-5
	CC15	0.0187	0.2571	-0.1445	1.48E-4	-3.32E-5	-3.18E-5
	CC16	-0.0451	0.2651	-0.1265	1.41E-4	4.54E-5	-2.27E-5
	CC17	-0.0358	0.2084	-0.1249	1.12E-4	3.59E-5	1.70E-5
	CC18	0.0407	-0.2207	-0.1009	-1.86E-4	-5.26E-5	-2.17E-5
	CC19	0.0500	-0.2774	-0.0994	-2.15E-4	-6.20E-5	1.79E-5
	CC20	-0.0138	-0.2694	-0.0813	-2.21E-4	1.65E-5	2.70E-5
	CC21	-0.0045	-0.3260	-0.0798	-2.51E-4	7.01E-6	6.67E-5
137	CC1	0.0021	-0.0064	-0.1205	6.60E-6	4.71E-5	-2.23E-6
	CC2	0.0021	-0.0064	-0.1205	6.60E-6	4.71E-5	-2.23E-6
	CC3	0.0021	-0.0064	-0.1205	6.60E-6	4.71E-5	-2.23E-6
	CC4	0.0021	-0.0059	-0.1174	7.04E-6	4.34E-5	-2.03E-6
	CC5	0.0021	-0.0059	-0.1174	7.04E-6	4.34E-5	-2.03E-6
	CC6	0.0982	0.1899	-0.1355	1.72E-4	-4.95E-5	-9.67E-5
	CC7	0.0969	0.1695	-0.1335	1.57E-4	-4.07E-5	-8.47E-5
	CC8	0.1027	0.0255	-0.1199	2.57E-5	1.94E-5	-8.18E-5
	CC9	0.1014	0.0051	-0.1179	1.01E-5	2.82E-5	-6.98E-5
	CC10	-0.0971	-0.0165	-0.1148	4.31E-6	5.60E-5	6.59E-5
	CC11	-0.0984	-0.0369	-0.1129	-1.14E-5	6.48E-5	7.78E-5
	CC12	-0.0925	-0.1809	-0.0993	-1.42E-4	1.25E-4	8.08E-5
	CC13	-0.0938	-0.2013	-0.0973	-1.58E-4	1.34E-4	9.28E-5
	CC14	0.0260	0.3330	-0.1487	3.02E-4	-1.03E-4	-7.10E-5
	CC15	0.0218	0.2655	-0.1423	2.51E-4	-7.40E-5	-3.14E-5
	CC16	-0.0325	0.2710	-0.1425	2.52E-4	-7.15E-5	-2.23E-5
	CC17	-0.0368	0.2036	-0.1361	2.00E-4	-4.24E-5	1.74E-5
	CC18	0.0411	-0.2150	-0.0967	-1.86E-4	1.27E-4	-2.13E-5
	CC19	0.0368	-0.2824	-0.0903	-2.38E-4	1.56E-4	1.83E-5
	CC20	-0.0174	-0.2769	-0.0905	-2.36E-4	1.58E-4	2.74E-5
	CC21	-0.0217	-0.3444	-0.0841	-2.88E-4	1.87E-4	6.71E-5
138	CC1	0.0024	-0.0065	-0.1190	-2.51E-5	1.06E-5	-2.00E-7
	CC2	0.0024	-0.0065	-0.1190	-2.51E-5	1.06E-5	-2.00E-7
	CC3	0.0024	-0.0065	-0.1190	-2.51E-5	1.06E-5	-2.00E-7
	CC4	0.0025	-0.0059	-0.1163	-2.28E-5	9.67E-6	-7.55E-8
	CC5	0.0025	-0.0059	-0.1163	-2.28E-5	9.67E-6	-7.55E-8
	CC6	0.0872	0.1899	-0.1534	4.02E-5	6.29E-5	-9.48E-5
	CC7	0.0900	0.1695	-0.1511	4.04E-5	7.23E-5	-8.28E-5
	CC8	0.0966	0.0255	-0.1291	2.26E-5	1.16E-4	-7.98E-5
	CC9	0.0994	0.0051	-0.1267	2.28E-5	1.25E-4	-6.79E-5
	CC10	-0.0944	-0.0165	-0.1041	-6.69E-5	-1.06E-4	6.78E-5
	CC11	-0.0916	-0.0369	-0.1018	-6.67E-5	-9.69E-5	7.98E-5
	CC12	-0.0850	-0.1809	-0.0798	-8.45E-5	-5.36E-5	8.27E-5

	CC13	-0.0822	-0.2013	-0.0774	-8.43E-5	-4.41E-5	9.47E-5
	CC14	0.0094	0.3330	-0.1673	2.30E-5	-6.88E-5	-6.91E-5
	CC15	0.0187	0.2655	-0.1594	2.37E-5	-3.75E-5	-2.94E-5
	CC16	-0.0450	0.2710	-0.1525	-9.10E-6	-1.20E-4	-2.03E-5
	CC17	-0.0358	0.2036	-0.1446	-8.47E-6	-8.83E-5	1.93E-5
	CC18	0.0407	-0.2150	-0.0862	-3.57E-5	1.07E-4	-1.94E-5
	CC19	0.0500	-0.2824	-0.0783	-3.50E-5	1.38E-4	2.03E-5
	CC20	-0.0137	-0.2769	-0.0714	-6.78E-5	5.62E-5	2.94E-5
	CC21	-0.0044	-0.3444	-0.0635	-6.72E-5	8.75E-5	6.90E-5
139	CC1	-0.0014	-0.0061	-0.1327	2.36E-6	1.26E-5	3.40E-6
	CC2	-0.0014	-0.0061	-0.1327	2.36E-6	1.26E-5	3.40E-6
	CC3	-0.0014	-0.0061	-0.1327	2.36E-6	1.26E-5	3.40E-6
	CC4	-0.0013	-0.0056	-0.1287	3.70E-6	1.12E-5	3.31E-6
	CC5	-0.0013	-0.0056	-0.1287	3.70E-6	1.12E-5	3.31E-6
	CC6	0.1377	0.2055	-0.1351	2.36E-4	-2.11E-4	-9.14E-5
	CC7	0.1252	0.1832	-0.1382	2.14E-4	-1.91E-4	-7.95E-5
	CC8	0.1279	0.0387	-0.1667	4.01E-5	-1.95E-4	-7.65E-5
	CC9	0.1154	0.0164	-0.1697	1.83E-5	-1.74E-4	-6.46E-5
	CC10	-0.1178	-0.0272	-0.0849	-1.01E-5	1.96E-4	7.11E-5
	CC11	-0.1303	-0.0495	-0.0880	-3.18E-5	2.16E-4	8.31E-5
	CC12	-0.1277	-0.1940	-0.1165	-2.06E-4	2.12E-4	8.60E-5
	CC13	-0.1402	-0.2163	-0.1195	-2.28E-4	2.33E-4	9.80E-5
	CC14	0.0742	0.3445	-0.0772	4.03E-4	-1.12E-4	-6.58E-5
	CC15	0.0329	0.2706	-0.0873	3.31E-4	-4.42E-5	-2.61E-5
	CC16	-0.0025	0.2746	-0.0622	3.30E-4	1.05E-5	-1.70E-5
	CC17	-0.0438	0.2007	-0.0723	2.58E-4	7.78E-5	2.26E-5
	CC18	0.0413	-0.2115	-0.1824	-2.49E-4	-5.63E-5	-1.61E-5
	CC19	0.0000	-0.2854	-0.1925	-3.21E-4	1.10E-5	2.36E-5
	CC20	-0.0353	-0.2814	-0.1673	-3.23E-4	6.57E-5	3.27E-5
	CC21	-0.0766	-0.3552	-0.1774	-3.95E-4	1.33E-4	7.23E-5
140	CC1	0.0008	-0.0060	-0.1156	-2.58E-5	3.00E-5	1.10E-6
	CC2	0.0008	-0.0060	-0.1156	-2.58E-5	3.00E-5	1.10E-6
	CC3	0.0008	-0.0060	-0.1156	-2.58E-5	3.00E-5	1.10E-6
	CC4	0.0009	-0.0054	-0.1128	-2.43E-5	2.74E-5	1.09E-6
	CC5	0.0009	-0.0054	-0.1128	-2.43E-5	2.74E-5	1.09E-6
	CC6	0.1090	0.2052	-0.1214	2.79E-4	-1.23E-4	-9.36E-5
	CC7	0.1043	0.1829	-0.1257	2.48E-4	-1.17E-4	-8.16E-5
	CC8	0.1083	0.0385	-0.1519	3.45E-5	-1.35E-4	-7.87E-5
	CC9	0.1036	0.0162	-0.1562	4.13E-6	-1.30E-4	-6.67E-5
	CC10	-0.1016	-0.0267	-0.0676	-5.17E-5	1.83E-4	6.89E-5
	CC11	-0.1063	-0.0490	-0.0718	-8.20E-5	1.88E-4	8.09E-5
	CC12	-0.1023	-0.1935	-0.0981	-2.96E-4	1.70E-4	8.38E-5
	CC13	-0.1070	-0.2157	-0.1024	-3.26E-4	1.76E-4	9.58E-5
	CC14	0.0415	0.3442	-0.0620	4.83E-4	-7.94E-6	-6.80E-5
	CC15	0.0259	0.2705	-0.0761	3.83E-4	1.02E-5	-2.83E-5
	CC16	-0.0217	0.2747	-0.0459	3.84E-4	8.37E-5	-1.92E-5
	CC17	-0.0373	0.2010	-0.0600	2.84E-4	1.02E-4	2.05E-5
	CC18	0.0392	-0.2115	-0.1638	-3.31E-4	-4.88E-5	-1.83E-5
	CC19	0.0236	-0.2852	-0.1779	-4.32E-4	-3.06E-5	2.14E-5
	CC20	-0.0240	-0.2811	-0.1476	-4.30E-4	4.29E-5	3.05E-5
	CC21	-0.0396	-0.3548	-0.1617	-5.31E-4	6.11E-5	7.02E-5
141	CC1	0.0016	-0.0059	-0.1123	-4.38E-6	2.18E-5	6.42E-7
	CC2	0.0016	-0.0059	-0.1123	-4.38E-6	2.18E-5	6.42E-7
	CC3	0.0016	-0.0059	-0.1123	-4.38E-6	2.18E-5	6.42E-7
	CC4	0.0017	-0.0054	-0.1098	-3.49E-6	2.03E-5	6.50E-7
	CC5	0.0017	-0.0054	-0.1098	-3.49E-6	2.03E-5	6.50E-7
	CC6	0.0977	0.2053	-0.1417	2.79E-4	-1.29E-4	-9.41E-5
	CC7	0.0964	0.1830	-0.1384	2.51E-4	-1.25E-4	-8.21E-5
	CC8	0.1022	0.0386	-0.1168	4.88E-5	-1.17E-4	-7.92E-5
	CC9	0.1009	0.0163	-0.1135	2.05E-5	-1.13E-4	-6.72E-5
	CC10	-0.0975	-0.0267	-0.1043	-2.68E-5	1.52E-4	6.85E-5
	CC11	-0.0988	-0.0489	-0.1011	-5.52E-5	1.56E-4	8.05E-5
	CC12	-0.0930	-0.1934	-0.0794	-2.58E-4	1.64E-4	8.34E-5
	CC13	-0.0943	-0.2156	-0.0761	-2.86E-4	1.68E-4	9.54E-5
	CC14	0.0256	0.3443	-0.1615	4.74E-4	-4.86E-5	-6.84E-5
	CC15	0.0213	0.2706	-0.1507	3.80E-4	-3.53E-5	-2.87E-5
	CC16	-0.0330	0.2747	-0.1502	3.82E-4	3.57E-5	-1.96E-5
	CC17	-0.0373	0.2011	-0.1394	2.88E-4	4.90E-5	2.00E-5
	CC18	0.0407	-0.2114	-0.0784	-2.95E-4	-9.52E-6	-1.87E-5
	CC19	0.0364	-0.2851	-0.0676	-3.89E-4	3.82E-6	2.10E-5
	CC20	-0.0179	-0.2810	-0.0672	-3.87E-4	7.48E-5	3.01E-5
	CC21	-0.0222	-0.3547	-0.0564	-4.80E-4	8.82E-5	6.97E-5

142	CC1	0.0025	-0.0060	-0.1133	-7.21E-6	5.45E-6	2.11E-6
	CC2	0.0025	-0.0060	-0.1133	-7.21E-6	5.45E-6	2.11E-6
	CC3	0.0025	-0.0060	-0.1133	-7.21E-6	5.45E-6	2.11E-6
	CC4	0.0026	-0.0054	-0.1109	-6.83E-6	4.73E-6	2.12E-6
	CC5	0.0026	-0.0054	-0.1109	-6.83E-6	4.73E-6	2.12E-6
	CC6	0.0873	0.2057	-0.1495	9.01E-6	-1.18E-4	-9.26E-5
	CC7	0.0901	0.1834	-0.1465	1.08E-5	-1.22E-4	-8.06E-5
	CC8	0.0967	0.0389	-0.1218	1.12E-5	-1.34E-4	-7.77E-5
	CC9	0.0995	0.0166	-0.1187	1.29E-5	-1.37E-4	-6.57E-5
	CC10	-0.0943	-0.0271	-0.1014	-2.63E-5	1.46E-4	7.00E-5
	CC11	-0.0915	-0.0494	-0.0984	-2.46E-5	1.43E-4	8.19E-5
	CC12	-0.0849	-0.1938	-0.0737	-2.41E-5	1.31E-4	8.49E-5
	CC13	-0.0821	-0.2162	-0.0706	-2.24E-5	1.27E-4	9.68E-5
	CC14	0.0095	0.3446	-0.1686	-7.92E-6	-2.81E-6	-6.69E-5
	CC15	0.0188	0.2707	-0.1585	-2.15E-6	-1.52E-5	-2.73E-5
	CC16	-0.0450	0.2748	-0.1542	-1.85E-5	7.65E-5	-1.82E-5
	CC17	-0.0357	0.2009	-0.1441	-1.27E-5	6.41E-5	2.15E-5
	CC18	0.0408	-0.2114	-0.0761	-6.46E-7	-5.51E-5	-1.72E-5
	CC19	0.0501	-0.2853	-0.0660	5.13E-6	-6.76E-5	2.24E-5
	CC20	-0.0136	-0.2812	-0.0617	-1.12E-5	2.42E-5	3.15E-5
	CC21	-0.0044	-0.3551	-0.0516	-5.47E-6	1.18E-5	7.12E-5
143	CC1	0.0016	-0.0102	-0.0926	-2.76E-5	-9.30E-6	4.32E-6
	CC2	0.0016	-0.0102	-0.0926	-2.76E-5	-9.30E-6	4.32E-6
	CC3	0.0016	-0.0102	-0.0926	-2.76E-5	-9.30E-6	4.32E-6
	CC4	0.0016	-0.0096	-0.0900	-2.60E-5	-8.55E-6	3.88E-6
	CC5	0.0016	-0.0096	-0.0900	-2.60E-5	-8.55E-6	3.88E-6
	CC6	0.0869	0.0193	-0.0722	3.40E-5	-1.21E-4	-9.10E-5
	CC7	0.0894	0.0200	-0.0713	3.55E-5	-1.24E-4	-7.90E-5
	CC8	0.0960	-0.1188	-0.0346	-2.21E-4	-1.55E-4	-7.61E-5
	CC9	0.0985	-0.1181	-0.0337	-2.19E-4	-1.58E-4	-6.41E-5
	CC10	-0.0954	0.0994	-0.1446	1.68E-4	1.42E-4	7.16E-5
	CC11	-0.0928	0.1001	-0.1436	1.70E-4	1.38E-4	8.35E-5
	CC12	-0.0863	-0.0388	-0.1070	-8.65E-5	1.08E-4	8.65E-5
	CC13	-0.0837	-0.0381	-0.1060	-8.49E-5	1.04E-4	9.85E-5
	CC14	0.0095	0.2077	-0.1426	3.77E-4	1.42E-5	-6.53E-5
	CC15	0.0180	0.2100	-0.1394	3.82E-4	2.96E-6	-2.57E-5
	CC16	-0.0452	0.2317	-0.1643	4.17E-4	9.30E-5	-1.66E-5
	CC17	-0.0367	0.2340	-0.1611	4.22E-4	8.18E-5	2.31E-5
	CC18	0.0399	-0.2528	-0.0172	-4.73E-4	-9.84E-5	-1.56E-5
	CC19	0.0484	-0.2505	-0.0140	-4.68E-4	-1.10E-4	2.40E-5
	CC20	-0.0148	-0.2288	-0.0389	-4.33E-4	-1.96E-5	3.31E-5
	CC21	-0.0063	-0.2265	-0.0357	-4.28E-4	-3.08E-5	7.28E-5
144	CC1	0.0018	-0.0099	-0.0961	-6.38E-5	-4.64E-5	-2.83E-6
	CC2	0.0018	-0.0099	-0.0961	-6.38E-5	-4.64E-5	-2.83E-6
	CC3	0.0018	-0.0099	-0.0961	-6.38E-5	-4.64E-5	-2.83E-6
	CC4	0.0019	-0.0091	-0.0933	-5.98E-5	-4.42E-5	-2.86E-6
	CC5	0.0019	-0.0091	-0.0933	-5.98E-5	-4.42E-5	-2.86E-6
	CC6	0.0872	0.0532	-0.0863	-5.39E-6	-1.92E-4	-9.76E-5
	CC7	0.0897	0.0496	-0.0856	-8.21E-6	-1.91E-4	-8.56E-5
	CC8	0.0963	-0.0903	-0.0710	-1.64E-4	-1.06E-4	-8.27E-5
	CC9	0.0988	-0.0938	-0.0703	-1.66E-4	-1.05E-4	-7.07E-5
	CC10	-0.0951	0.0761	-0.1144	4.95E-5	1.84E-5	6.50E-5
	CC11	-0.0925	0.0726	-0.1136	4.67E-5	1.93E-5	7.69E-5
	CC12	-0.0860	-0.0673	-0.0991	-1.09E-4	1.04E-4	7.99E-5
	CC13	-0.0834	-0.0709	-0.0983	-1.12E-4	1.05E-4	9.18E-5
	CC14	0.0098	0.2326	-0.1149	2.02E-4	-2.19E-4	-7.19E-5
	CC15	0.0183	0.2209	-0.1123	1.92E-4	-2.16E-4	-3.23E-5
	CC16	-0.0449	0.2395	-0.1233	2.18E-4	-1.56E-4	-2.32E-5
	CC17	-0.0364	0.2278	-0.1208	2.09E-4	-1.53E-4	1.65E-5
	CC18	0.0401	-0.2455	-0.0639	-3.26E-4	6.56E-5	-2.22E-5
	CC19	0.0486	-0.2572	-0.0613	-3.35E-4	6.89E-5	1.74E-5
	CC20	-0.0145	-0.2386	-0.0723	-3.09E-4	1.29E-4	2.65E-5
	CC21	-0.0060	-0.2503	-0.0697	-3.19E-4	1.32E-4	6.62E-5
145	CC1	0.0011	-0.0078	-0.0892	-1.89E-5	-1.55E-5	9.73E-8
	CC2	0.0011	-0.0078	-0.0892	-1.89E-5	-1.55E-5	9.73E-8
	CC3	0.0011	-0.0078	-0.0892	-1.89E-5	-1.55E-5	9.73E-8
	CC4	0.0010	-0.0073	-0.0872	-1.77E-5	-1.46E-5	1.37E-7
	CC5	0.0010	-0.0073	-0.0872	-1.77E-5	-1.46E-5	1.37E-7
	CC6	0.0977	-0.2026	-0.0371	-3.44E-4	-1.73E-4	-9.46E-5
	CC7	0.0961	-0.1735	-0.0445	-2.95E-4	-1.71E-4	-8.26E-5
	CC8	0.1019	-0.3054	-0.0095	-5.36E-4	-1.81E-4	-7.97E-5
	CC9	0.1004	-0.2763	-0.0169	-4.87E-4	-1.79E-4	-6.77E-5

	CC10	-0.0985	0.2620	-0.1563	4.52E-4	1.50E-4	6.80E-5
	CC11	-0.1000	0.2911	-0.1637	5.02E-4	1.52E-4	8.00E-5
	CC12	-0.0943	0.1592	-0.1287	2.60E-4	1.42E-4	8.29E-5
	CC13	-0.0958	0.1883	-0.1361	3.10E-4	1.44E-4	9.49E-5
	CC14	0.0258	0.0464	-0.1024	1.01E-4	-5.29E-5	-6.89E-5
	CC15	0.0208	0.1427	-0.1270	2.65E-4	-4.52E-5	-2.92E-5
	CC16	-0.0330	0.1858	-0.1382	3.40E-4	4.40E-5	-2.02E-5
	CC17	-0.0381	0.2821	-0.1628	5.04E-4	5.17E-5	1.95E-5
	CC18	0.0400	-0.2964	-0.0104	-5.39E-4	-8.03E-5	-1.92E-5
	CC19	0.0349	-0.2001	-0.0350	-3.74E-4	-7.26E-5	2.05E-5
	CC20	-0.0189	-0.1570	-0.0461	-3.00E-4	1.66E-5	2.95E-5
	CC21	-0.0240	-0.0607	-0.0708	-1.35E-4	2.43E-5	6.92E-5
146	CC1	0.0008	-0.0080	-0.0943	-1.94E-5	-2.39E-5	4.05E-7
	CC2	0.0008	-0.0080	-0.0943	-1.94E-5	-2.39E-5	4.05E-7
	CC3	0.0008	-0.0080	-0.0943	-1.94E-5	-2.39E-5	4.05E-7
	CC4	0.0007	-0.0075	-0.0920	-1.82E-5	-2.22E-5	4.36E-7
	CC5	0.0007	-0.0075	-0.0920	-1.82E-5	-2.22E-5	4.36E-7
	CC6	0.1096	-0.2027	-0.0381	-3.39E-4	-1.92E-4	-9.43E-5
	CC7	0.1046	-0.1736	-0.0329	-2.90E-4	-1.85E-4	-8.23E-5
	CC8	0.1088	-0.3056	-0.0608	-5.27E-4	-1.93E-4	-7.94E-5
	CC9	0.1038	-0.2765	-0.0557	-4.79E-4	-1.86E-4	-6.74E-5
	CC10	-0.1025	0.2619	-0.1268	4.43E-4	1.43E-4	6.83E-5
	CC11	-0.1075	0.2910	-0.1217	4.92E-4	1.50E-4	8.03E-5
	CC12	-0.1032	0.1590	-0.1496	2.55E-4	1.42E-4	8.32E-5
	CC13	-0.1082	0.1881	-0.1445	3.04E-4	1.49E-4	9.52E-5
	CC14	0.0420	0.0463	-0.0485	9.77E-5	-8.26E-5	-6.86E-5
	CC15	0.0255	0.1426	-0.0315	2.59E-4	-5.79E-5	-2.90E-5
	CC16	-0.0216	0.1857	-0.0751	3.32E-4	1.80E-5	-1.99E-5
	CC17	-0.0381	0.2819	-0.0581	4.94E-4	4.27E-5	1.98E-5
	CC18	0.0395	-0.2965	-0.1244	-5.30E-4	-8.58E-5	-1.89E-5
	CC19	0.0230	-0.2003	-0.1074	-3.68E-4	-6.12E-5	2.07E-5
	CC20	-0.0241	-0.1572	-0.1511	-2.95E-4	1.47E-5	2.98E-5
	CC21	-0.0406	-0.0609	-0.1341	-1.33E-4	3.94E-5	6.95E-5
147	CC1	0.0018	-0.0055	-0.1102	-1.16E-5	9.22E-6	1.33E-6
	CC2	0.0018	-0.0055	-0.1102	-1.16E-5	9.22E-6	1.33E-6
	CC3	0.0018	-0.0055	-0.1102	-1.16E-5	9.22E-6	1.33E-6
	CC4	0.0018	-0.0050	-0.1079	-1.06E-5	8.51E-6	1.38E-6
	CC5	0.0018	-0.0050	-0.1079	-1.06E-5	8.51E-6	1.38E-6
	CC6	0.0986	0.2241	-0.1686	3.87E-4	-1.62E-4	-9.33E-5
	CC7	0.0971	0.1995	-0.1645	3.46E-4	-1.56E-4	-8.13E-5
	CC8	0.1028	0.0545	-0.1429	8.54E-5	-1.39E-4	-7.84E-5
	CC9	0.1013	0.0299	-0.1388	4.47E-5	-1.33E-4	-6.64E-5
	CC10	-0.0976	-0.0396	-0.0754	-6.53E-5	1.49E-4	6.92E-5
	CC11	-0.0991	-0.0642	-0.0713	-1.06E-4	1.56E-4	8.12E-5
	CC12	-0.0933	-0.2092	-0.0497	-3.66E-4	1.72E-4	8.41E-5
	CC13	-0.0949	-0.2338	-0.0456	-4.07E-4	1.79E-4	9.61E-5
	CC14	0.0268	0.3581	-0.1707	6.27E-4	-8.78E-5	-6.77E-5
	CC15	0.0217	0.2767	-0.1571	4.92E-4	-6.61E-5	-2.80E-5
	CC16	-0.0321	0.2790	-0.1427	4.91E-4	5.67E-6	-1.89E-5
	CC17	-0.0372	0.1976	-0.1291	3.57E-4	2.74E-5	2.08E-5
	CC18	0.0409	-0.2073	-0.0851	-3.77E-4	-1.08E-5	-1.80E-5
	CC19	0.0358	-0.2887	-0.0714	-5.12E-4	1.09E-5	2.17E-5
	CC20	-0.0180	-0.2864	-0.0571	-5.13E-4	8.27E-5	3.08E-5
	CC21	-0.0230	-0.3678	-0.0435	-6.47E-4	1.04E-4	7.05E-5
148	CC1	0.0010	-0.0057	-0.1135	-1.14E-5	1.07E-5	-2.71E-6
	CC2	0.0010	-0.0057	-0.1135	-1.14E-5	1.07E-5	-2.71E-6
	CC3	0.0010	-0.0057	-0.1135	-1.14E-5	1.07E-5	-2.71E-6
	CC4	0.0012	-0.0052	-0.1108	-1.03E-5	9.86E-6	-2.48E-6
	CC5	0.0012	-0.0052	-0.1108	-1.03E-5	9.86E-6	-2.48E-6
	CC6	0.1099	0.2220	-0.1225	3.88E-4	-1.44E-4	-9.71E-5
	CC7	0.1050	0.1977	-0.1272	3.48E-4	-1.40E-4	-8.51E-5
	CC8	0.1092	0.0527	-0.1651	8.23E-5	-1.69E-4	-8.22E-5
	CC9	0.1043	0.0284	-0.1698	4.16E-5	-1.65E-4	-7.02E-5
	CC10	-0.1019	-0.0384	-0.0500	-6.16E-5	1.84E-4	6.54E-5
	CC11	-0.1068	-0.0627	-0.0547	-1.02E-4	1.88E-4	7.74E-5
	CC12	-0.1026	-0.2077	-0.0927	-3.68E-4	1.59E-4	8.03E-5
	CC13	-0.1075	-0.2321	-0.0974	-4.08E-4	1.63E-4	9.23E-5
	CC14	0.0423	0.3566	-0.0420	6.35E-4	-4.16E-6	-7.15E-5
	CC15	0.0259	0.2760	-0.0575	5.00E-4	8.80E-6	-3.18E-5
	CC16	-0.0212	0.2785	-0.0202	5.00E-4	9.42E-5	-2.27E-5
	CC17	-0.0376	0.1978	-0.0358	3.65E-4	1.07E-4	1.70E-5
	CC18	0.0400	-0.2078	-0.1840	-3.85E-4	-8.79E-5	-2.18E-5

	CC19	0.0236	-0.2885	-0.1996	-5.20E-4	-7.50E-5	1.79E-5
	CC20	-0.0236	-0.2860	-0.1623	-5.20E-4	1.04E-5	2.70E-5
	CC21	-0.0399	-0.3666	-0.1779	-6.55E-4	2.33E-5	6.67E-5
149	CC1	0.0009	-0.0056	-0.1120	5.61E-6	7.63E-6	2.50E-6
	CC2	0.0009	-0.0056	-0.1120	5.61E-6	7.63E-6	2.50E-6
	CC3	0.0009	-0.0056	-0.1120	5.61E-6	7.63E-6	2.50E-6
	CC4	0.0011	-0.0050	-0.1095	6.30E-6	6.87E-6	2.30E-6
	CC5	0.0011	-0.0050	-0.1095	6.30E-6	6.87E-6	2.30E-6
	CC6	0.1038	0.2224	-0.1389	2.75E-4	-1.80E-4	-9.25E-5
	CC7	0.1004	0.1980	-0.1396	2.49E-4	-1.72E-4	-8.05E-5
	CC8	0.1059	0.0531	-0.1502	5.27E-5	-1.54E-4	-7.76E-5
	CC9	0.1025	0.0287	-0.1509	2.60E-5	-1.46E-4	-6.56E-5
	CC10	-0.1004	-0.0384	-0.0664	-1.29E-5	1.59E-4	7.01E-5
	CC11	-0.1037	-0.0628	-0.0671	-3.97E-5	1.68E-4	8.20E-5
	CC12	-0.0983	-0.2078	-0.0777	-2.36E-4	1.85E-4	8.50E-5
	CC13	-0.1016	-0.2322	-0.0784	-2.62E-4	1.94E-4	9.69E-5
	CC14	0.0338	0.3569	-0.0996	4.65E-4	-1.02E-4	-6.68E-5
	CC15	0.0226	0.2762	-0.1017	3.77E-4	-7.31E-5	-2.72E-5
	CC16	-0.0274	0.2787	-0.0778	3.79E-4	-2.77E-7	-1.81E-5
	CC17	-0.0386	0.1979	-0.0800	2.90E-4	2.87E-5	2.16E-5
	CC18	0.0408	-0.2077	-0.1373	-2.77E-4	-1.55E-5	-1.71E-5
	CC19	0.0296	-0.2884	-0.1395	-3.66E-4	1.35E-5	2.25E-5
	CC20	-0.0205	-0.2859	-0.1156	-3.64E-4	8.63E-5	3.16E-5
	CC21	-0.0316	-0.3667	-0.1177	-4.52E-4	1.15E-4	7.13E-5
150	CC1	0.0014	-0.0055	-0.1109	-1.70E-5	8.00E-6	7.07E-6
	CC2	0.0014	-0.0055	-0.1109	-1.70E-5	8.00E-6	7.07E-6
	CC3	0.0014	-0.0055	-0.1109	-1.70E-5	8.00E-6	7.07E-6
	CC4	0.0015	-0.0050	-0.1085	-1.60E-5	7.28E-6	6.81E-6
	CC5	0.0015	-0.0050	-0.1085	-1.60E-5	7.28E-6	6.81E-6
	CC6	0.1003	0.2225	-0.1563	3.06E-4	-1.52E-4	-8.80E-5
	CC7	0.0981	0.1981	-0.1539	2.73E-4	-1.49E-4	-7.60E-5
	CC8	0.1038	0.0531	-0.1430	5.72E-5	-1.53E-4	-7.31E-5
	CC9	0.1016	0.0287	-0.1406	2.50E-5	-1.50E-4	-6.11E-5
	CC10	-0.0985	-0.0384	-0.0748	-5.62E-5	1.64E-4	7.46E-5
	CC11	-0.1007	-0.0628	-0.0724	-8.85E-5	1.67E-4	8.65E-5
	CC12	-0.0950	-0.2077	-0.0615	-3.05E-4	1.63E-4	8.95E-5
	CC13	-0.0972	-0.2321	-0.0591	-3.37E-4	1.66E-4	1.01E-4
	CC14	0.0292	0.3570	-0.1461	5.06E-4	-4.38E-5	-6.23E-5
	CC15	0.0220	0.2762	-0.1381	3.99E-4	-3.25E-5	-2.27E-5
	CC16	-0.0305	0.2787	-0.1217	3.97E-4	5.10E-5	-1.36E-5
	CC17	-0.0377	0.1980	-0.1137	2.91E-4	6.23E-5	2.61E-5
	CC18	0.0408	-0.2076	-0.1017	-3.22E-4	-4.82E-5	-1.26E-5
	CC19	0.0336	-0.2884	-0.0937	-4.29E-4	-3.69E-5	2.70E-5
	CC20	-0.0189	-0.2859	-0.0773	-4.30E-4	4.66E-5	3.61E-5
	CC21	-0.0260	-0.3666	-0.0693	-5.37E-4	5.79E-5	7.58E-5
151	CC1	0.0030	-0.0151	-0.1137	1.37E-5	-4.61E-5	9.22E-6
	CC2	0.0030	-0.0151	-0.1137	1.37E-5	-4.61E-5	9.22E-6
	CC3	0.0030	-0.0151	-0.1137	1.37E-5	-4.61E-5	9.22E-6
	CC4	0.0027	-0.0141	-0.1102	1.44E-5	-4.19E-5	8.40E-6
	CC5	0.0027	-0.0141	-0.1102	1.44E-5	-4.19E-5	8.40E-6
	CC6	0.2161	-0.3011	-0.1331	-1.42E-4	-2.34E-4	-1.40E-4
	CC7	0.1969	-0.2572	-0.1297	-1.18E-4	-2.19E-4	-1.21E-4
	CC8	0.2027	-0.4730	-0.1559	-2.45E-4	-2.21E-4	-1.19E-4
	CC9	0.1834	-0.4290	-0.1525	-2.21E-4	-2.05E-4	-1.00E-4
	CC10	-0.1782	0.4015	-0.0656	2.51E-4	1.24E-4	1.16E-4
	CC11	-0.1974	0.4455	-0.0622	2.75E-4	1.40E-4	1.35E-4
	CC12	-0.1917	0.2296	-0.0884	1.47E-4	1.38E-4	1.37E-4
	CC13	-0.2109	0.2736	-0.0850	1.71E-4	1.53E-4	1.56E-4
	CC14	0.1161	0.0945	-0.0867	8.85E-5	-1.43E-4	-9.67E-5
	CC15	0.0524	0.2401	-0.0757	1.68E-4	-9.11E-5	-3.46E-5
	CC16	-0.0022	0.3053	-0.0664	2.06E-4	-3.58E-5	-1.99E-5
	CC17	-0.0659	0.4508	-0.0554	2.86E-4	1.64E-5	4.23E-5
	CC18	0.0711	-0.4784	-0.1627	-2.57E-4	-9.73E-5	-2.61E-5
	CC19	0.0074	-0.3328	-0.1517	-1.77E-4	-4.51E-5	3.61E-5
	CC20	-0.0472	-0.2676	-0.1424	-1.39E-4	1.02E-5	5.08E-5
	CC21	-0.1109	-0.1220	-0.1314	-5.94E-5	6.24E-5	1.13E-4
152	CC1	0.0097	-0.0159	-0.0988	-4.64E-5	-5.12E-5	2.60E-6
	CC2	0.0097	-0.0159	-0.0988	-4.64E-5	-5.12E-5	2.60E-6
	CC3	0.0097	-0.0159	-0.0988	-4.64E-5	-5.12E-5	2.60E-6
	CC4	0.0090	-0.0149	-0.0963	-4.43E-5	-4.70E-5	2.38E-6
	CC5	0.0090	-0.0149	-0.0963	-4.43E-5	-4.70E-5	2.38E-6
	CC6	0.1743	-0.3019	-0.1272	-2.63E-4	-2.06E-4	-1.46E-4

	CC7	0.1672	-0.2580	-0.1223	-2.28E-4	-2.01E-4	-1.27E-4
	CC8	0.1747	-0.4738	-0.1467	-4.05E-4	-2.01E-4	-1.25E-4
	CC9	0.1676	-0.4298	-0.1418	-3.71E-4	-1.96E-4	-1.06E-4
	CC10	-0.1501	0.4007	-0.0492	2.83E-4	1.05E-4	1.10E-4
	CC11	-0.1572	0.4447	-0.0443	3.18E-4	1.10E-4	1.29E-4
	CC12	-0.1497	0.2288	-0.0687	1.41E-4	1.09E-4	1.32E-4
	CC13	-0.1568	0.2728	-0.0638	1.75E-4	1.15E-4	1.50E-4
	CC14	0.0685	0.0937	-0.0828	5.45E-5	-1.10E-4	-1.03E-4
	CC15	0.0449	0.2392	-0.0666	1.68E-4	-9.08E-5	-4.04E-5
	CC16	-0.0288	0.3045	-0.0594	2.18E-4	-1.65E-5	-2.57E-5
	CC17	-0.0524	0.4500	-0.0432	3.32E-4	2.46E-6	3.65E-5
	CC18	0.0699	-0.4792	-0.1478	-4.19E-4	-9.37E-5	-3.19E-5
	CC19	0.0463	-0.3336	-0.1316	-3.06E-4	-7.48E-5	3.03E-5
	CC20	-0.0274	-0.2684	-0.1244	-2.55E-4	-4.66E-7	4.50E-5
	CC21	-0.0510	-0.1228	-0.1082	-1.42E-4	1.85E-5	1.07E-4
153	CC1	0.0074	-0.0156	-0.0917	-2.34E-5	-2.99E-5	-2.32E-6
	CC2	0.0074	-0.0156	-0.0917	-2.34E-5	-2.99E-5	-2.32E-6
	CC3	0.0074	-0.0156	-0.0917	-2.34E-5	-2.99E-5	-2.32E-6
	CC4	0.0069	-0.0146	-0.0896	-2.19E-5	-2.78E-5	-2.24E-6
	CC5	0.0069	-0.0146	-0.0896	-2.19E-5	-2.78E-5	-2.24E-6
	CC6	0.1545	-0.3016	-0.0362	-3.17E-4	-1.68E-4	-1.50E-4
	CC7	0.1528	-0.2576	-0.0443	-2.70E-4	-1.65E-4	-1.32E-4
	CC8	0.1610	-0.4735	-0.0046	-5.07E-4	-1.77E-4	-1.29E-4
	CC9	0.1593	-0.4295	-0.0127	-4.61E-4	-1.75E-4	-1.10E-4
	CC10	-0.1457	0.4010	-0.1652	4.18E-4	1.21E-4	1.06E-4
	CC11	-0.1474	0.4450	-0.1733	4.65E-4	1.23E-4	1.25E-4
	CC12	-0.1392	0.2292	-0.1336	2.27E-4	1.11E-4	1.27E-4
	CC13	-0.1409	0.2731	-0.1417	2.74E-4	1.13E-4	1.46E-4
	CC14	0.0439	0.0940	-0.1089	1.09E-4	-5.77E-5	-1.07E-4
	CC15	0.0382	0.2396	-0.1356	2.63E-4	-5.05E-5	-4.49E-5
	CC16	-0.0462	0.3048	-0.1476	3.30E-4	2.89E-5	-3.02E-5
	CC17	-0.0519	0.4504	-0.1743	4.84E-4	3.61E-5	3.20E-5
	CC18	0.0655	-0.4788	-0.0036	-5.27E-4	-9.03E-5	-3.64E-5
	CC19	0.0598	-0.3333	-0.0303	-3.73E-4	-8.31E-5	2.58E-5
	CC20	-0.0246	-0.2680	-0.0423	-3.06E-4	-3.74E-6	4.05E-5
	CC21	-0.0303	-0.1225	-0.0690	-1.52E-4	3.49E-6	1.03E-4
154	CC1	0.0017	-0.0147	-0.1320	1.81E-4	6.58E-7	7.59E-6
	CC2	0.0017	-0.0147	-0.1320	1.81E-4	6.58E-7	7.59E-6
	CC3	0.0017	-0.0147	-0.1320	1.81E-4	6.58E-7	7.59E-6
	CC4	0.0015	-0.0132	-0.1258	1.75E-4	1.95E-6	6.79E-6
	CC5	0.0015	-0.0132	-0.1258	1.75E-4	1.95E-6	6.79E-6
	CC6	0.2150	-0.2358	-0.1318	1.12E-4	-6.00E-5	-1.42E-4
	CC7	0.1957	-0.2000	-0.1308	1.21E-4	-5.78E-5	-1.23E-4
	CC8	0.2015	-0.4169	-0.1402	5.80E-5	-3.34E-5	-1.20E-4
	CC9	0.1822	-0.3810	-0.1392	6.76E-5	-3.13E-5	-1.02E-4
	CC10	-0.1794	0.3556	-0.1083	2.79E-4	3.60E-5	1.15E-4
	CC11	-0.1986	0.3914	-0.1073	2.89E-4	3.81E-5	1.33E-4
	CC12	-0.1929	0.1745	-0.1167	2.26E-4	6.26E-5	1.36E-4
	CC13	-0.2121	0.2103	-0.1157	2.35E-4	6.47E-5	1.55E-4
	CC14	0.1149	0.1410	-0.1148	2.22E-4	-5.98E-5	-9.83E-5
	CC15	0.0512	0.2596	-0.1117	2.54E-4	-5.28E-5	-3.62E-5
	CC16	-0.0034	0.3184	-0.1078	2.72E-4	-3.10E-5	-2.15E-5
	CC17	-0.0671	0.4370	-0.1046	3.04E-4	-2.40E-5	4.07E-5
	CC18	0.0700	-0.4625	-0.1429	4.30E-5	2.88E-5	-2.77E-5
	CC19	0.0063	-0.3439	-0.1397	7.50E-5	3.58E-5	3.45E-5
	CC20	-0.0483	-0.2851	-0.1359	9.33E-5	5.76E-5	4.92E-5
	CC21	-0.1121	-0.1665	-0.1327	1.25E-4	6.46E-5	1.11E-4
155	CC1	0.0071	-0.0151	-0.1385	-1.28E-4	-9.67E-6	8.01E-7
	CC2	0.0071	-0.0151	-0.1385	-1.28E-4	-9.67E-6	8.01E-7
	CC3	0.0071	-0.0151	-0.1385	-1.28E-4	-9.67E-6	8.01E-7
	CC4	0.0066	-0.0136	-0.1318	-1.21E-4	-7.99E-6	8.81E-7
	CC5	0.0066	-0.0136	-0.1318	-1.21E-4	-7.99E-6	8.81E-7
	CC6	0.1720	-0.2362	-0.1388	-1.72E-4	-6.16E-5	-1.47E-4
	CC7	0.1649	-0.2004	-0.1377	-1.65E-4	-6.13E-5	-1.28E-4
	CC8	0.1724	-0.4173	-0.1444	-2.07E-4	-5.37E-5	-1.26E-4
	CC9	0.1653	-0.3814	-0.1434	-2.00E-4	-5.34E-5	-1.07E-4
	CC10	-0.1523	0.3552	-0.1157	-3.63E-5	3.86E-5	1.09E-4
	CC11	-0.1595	0.3910	-0.1146	-2.92E-5	3.89E-5	1.28E-4
	CC12	-0.1519	0.1741	-0.1214	-7.16E-5	4.64E-5	1.30E-4
	CC13	-0.1591	0.2099	-0.1203	-6.46E-5	4.67E-5	1.49E-4
	CC14	0.0663	0.1406	-0.1253	-9.15E-5	-3.61E-5	-1.04E-4
	CC15	0.0427	0.2592	-0.1218	-6.82E-5	-3.51E-5	-4.18E-5

	CC16	-0.0310	0.3180	-0.1184	-5.07E-5	-6.01E-6	-2.71E-5
	CC17	-0.0546	0.4366	-0.1149	-2.74E-5	-5.03E-6	3.51E-5
	CC18	0.0676	-0.4629	-0.1442	-2.09E-4	-9.83E-6	-3.33E-5
	CC19	0.0440	-0.3443	-0.1407	-1.86E-4	-8.85E-6	2.89E-5
	CC20	-0.0297	-0.2855	-0.1373	-1.69E-4	2.02E-5	4.36E-5
	CC21	-0.0533	-0.1669	-0.1338	-1.45E-4	2.12E-5	1.06E-4
156	CC1	0.0063	-0.0152	-0.1095	-8.93E-5	-9.38E-6	-3.80E-6
	CC2	0.0063	-0.0152	-0.1095	-8.93E-5	-9.38E-6	-3.80E-6
	CC3	0.0063	-0.0152	-0.1095	-8.93E-5	-9.38E-6	-3.80E-6
	CC4	0.0060	-0.0137	-0.1053	-8.04E-5	-7.67E-6	-3.48E-6
	CC5	0.0060	-0.0137	-0.1053	-8.04E-5	-7.67E-6	-3.48E-6
	CC6	0.1535	-0.2363	-0.0939	-1.79E-4	-6.17E-5	-1.51E-4
	CC7	0.1518	-0.2004	-0.0951	-1.65E-4	-5.56E-5	-1.33E-4
	CC8	0.1600	-0.4173	-0.0876	-2.44E-4	-8.33E-5	-1.30E-4
	CC9	0.1583	-0.3815	-0.0888	-2.30E-4	-7.72E-5	-1.12E-4
	CC10	-0.1466	0.3551	-0.1191	7.54E-5	6.30E-5	1.05E-4
	CC11	-0.1483	0.3909	-0.1203	8.93E-5	6.91E-5	1.24E-4
	CC12	-0.1401	0.1741	-0.1128	1.06E-5	4.14E-5	1.26E-4
	CC13	-0.1418	0.2099	-0.1140	2.45E-5	4.75E-5	1.45E-4
	CC14	0.0429	0.1406	-0.1087	-3.07E-5	-9.83E-9	-1.08E-4
	CC15	0.0372	0.2592	-0.1127	1.54E-5	2.02E-5	-4.61E-5
	CC16	-0.0472	0.3180	-0.1162	4.57E-5	3.74E-5	-3.14E-5
	CC17	-0.0528	0.4366	-0.1203	9.18E-5	5.76E-5	3.08E-5
	CC18	0.0645	-0.4629	-0.0876	-2.47E-4	-7.18E-5	-3.76E-5
	CC19	0.0588	-0.3444	-0.0917	-2.01E-4	-5.16E-5	2.46E-5
	CC20	-0.0255	-0.2855	-0.0952	-1.70E-4	-3.44E-5	3.93E-5
	CC21	-0.0312	-0.1669	-0.0992	-1.24E-4	-1.42E-5	1.01E-4
157	CC1	0.0007	-0.0148	-0.1282	1.92E-4	2.15E-6	5.33E-6
	CC2	0.0007	-0.0148	-0.1282	1.92E-4	2.15E-6	5.33E-6
	CC3	0.0007	-0.0148	-0.1282	1.92E-4	2.15E-6	5.33E-6
	CC4	0.0006	-0.0131	-0.1220	1.86E-4	2.35E-6	4.87E-6
	CC5	0.0006	-0.0131	-0.1220	1.86E-4	2.35E-6	4.87E-6
	CC6	0.2142	-0.1819	-0.1201	1.33E-4	-6.51E-5	-1.43E-4
	CC7	0.1949	-0.1529	-0.1197	1.42E-4	-5.96E-5	-1.25E-4
	CC8	0.2007	-0.3706	-0.1103	7.23E-5	-5.81E-5	-1.22E-4
	CC9	0.1814	-0.3416	-0.1099	8.10E-5	-5.26E-5	-1.03E-4
	CC10	-0.1802	0.3165	-0.1299	2.86E-4	5.75E-5	1.13E-4
	CC11	-0.1994	0.3455	-0.1295	2.95E-4	6.29E-5	1.32E-4
	CC12	-0.1937	0.1278	-0.1201	2.25E-4	6.44E-5	1.34E-4
	CC13	-0.2129	0.1568	-0.1197	2.34E-4	6.99E-5	1.53E-4
	CC14	0.1141	0.1792	-0.1354	2.48E-4	-3.67E-5	-1.00E-4
	CC15	0.0504	0.2753	-0.1342	2.77E-4	-1.86E-5	-3.80E-5
	CC16	-0.0042	0.3288	-0.1383	2.94E-4	1.03E-7	-2.33E-5
	CC17	-0.0679	0.4248	-0.1372	3.23E-4	1.82E-5	3.89E-5
	CC18	0.0691	-0.4499	-0.1026	4.46E-5	-1.34E-5	-2.95E-5
	CC19	0.0054	-0.3539	-0.1015	7.35E-5	4.72E-6	3.27E-5
	CC20	-0.0492	-0.3004	-0.1056	9.06E-5	2.34E-5	4.74E-5
	CC21	-0.1129	-0.2044	-0.1045	1.19E-4	4.15E-5	1.10E-4
158	CC1	0.0050	-0.0153	-0.1387	-1.27E-4	-2.35E-6	3.17E-6
	CC2	0.0050	-0.0153	-0.1387	-1.27E-4	-2.35E-6	3.17E-6
	CC3	0.0050	-0.0153	-0.1387	-1.27E-4	-2.35E-6	3.17E-6
	CC4	0.0047	-0.0136	-0.1314	-1.20E-4	-1.79E-6	3.09E-6
	CC5	0.0047	-0.0136	-0.1314	-1.20E-4	-1.79E-6	3.09E-6
	CC6	0.1702	-0.1823	-0.1251	-1.40E-4	-4.33E-5	-1.45E-4
	CC7	0.1630	-0.1533	-0.1250	-1.37E-4	-4.18E-5	-1.26E-4
	CC8	0.1706	-0.3711	-0.1272	-1.67E-4	-5.08E-5	-1.24E-4
	CC9	0.1634	-0.3421	-0.1270	-1.64E-4	-4.92E-5	-1.05E-4
	CC10	-0.1542	0.3161	-0.1308	-7.14E-5	4.60E-5	1.11E-4
	CC11	-0.1613	0.3451	-0.1307	-6.81E-5	4.76E-5	1.30E-4
	CC12	-0.1538	0.1273	-0.1329	-9.81E-5	3.86E-5	1.32E-4
	CC13	-0.1609	0.1563	-0.1327	-9.49E-5	4.02E-5	1.51E-4
	CC14	0.0644	0.1788	-0.1249	-8.88E-5	-5.19E-6	-1.02E-4
	CC15	0.0408	0.2748	-0.1245	-7.80E-5	-2.96E-8	-3.96E-5
	CC16	-0.0329	0.3283	-0.1266	-6.81E-5	2.16E-5	-2.49E-5
	CC17	-0.0565	0.4244	-0.1262	-5.73E-5	2.68E-5	3.72E-5
	CC18	0.0658	-0.4503	-0.1317	-1.78E-4	-3.00E-5	-3.11E-5
	CC19	0.0421	-0.3543	-0.1313	-1.67E-4	-2.48E-5	3.11E-5
	CC20	-0.0315	-0.3008	-0.1334	-1.57E-4	-3.16E-6	4.58E-5
	CC21	-0.0552	-0.2048	-0.1330	-1.47E-4	2.00E-6	1.08E-4
159	CC1	0.0055	-0.0153	-0.1098	-9.00E-5	-5.59E-6	9.28E-7
	CC2	0.0055	-0.0153	-0.1098	-9.00E-5	-5.59E-6	9.28E-7
	CC3	0.0055	-0.0153	-0.1098	-9.00E-5	-5.59E-6	9.28E-7

	CC4	0.0052	-0.0136	-0.1053	-8.02E-5	-5.03E-6	9.39E-7
	CC5	0.0052	-0.0136	-0.1053	-8.02E-5	-5.03E-6	9.39E-7
	CC6	0.1528	-0.1824	-0.0980	-1.25E-4	-4.78E-5	-1.47E-4
	CC7	0.1511	-0.1534	-0.0985	-1.18E-4	-4.77E-5	-1.28E-4
	CC8	0.1593	-0.3711	-0.0940	-1.76E-4	-5.44E-5	-1.26E-4
	CC9	0.1576	-0.3421	-0.0945	-1.69E-4	-5.43E-5	-1.07E-4
	CC10	-0.1474	0.3160	-0.1130	1.51E-5	4.46E-5	1.09E-4
	CC11	-0.1491	0.3450	-0.1136	2.24E-5	4.47E-5	1.28E-4
	CC12	-0.1409	0.1273	-0.1090	-3.59E-5	3.80E-5	1.30E-4
	CC13	-0.1426	0.1563	-0.1096	-2.86E-5	3.81E-5	1.49E-4
	CC14	0.0422	0.1788	-0.1072	-2.49E-5	-7.81E-6	-1.04E-4
	CC15	0.0365	0.2748	-0.1091	-8.97E-7	-7.43E-6	-4.18E-5
	CC16	-0.0479	0.3283	-0.1117	1.72E-5	1.99E-5	-2.70E-5
	CC17	-0.0536	0.4243	-0.1136	4.12E-5	2.03E-5	3.51E-5
	CC18	0.0638	-0.4504	-0.0939	-1.95E-4	-3.00E-5	-3.32E-5
	CC19	0.0581	-0.3544	-0.0958	-1.71E-4	-2.96E-5	2.89E-5
	CC20	-0.0263	-0.3009	-0.0985	-1.53E-4	-2.27E-6	4.36E-5
	CC21	-0.0320	-0.2049	-0.1003	-1.29E-4	-1.88E-6	1.06E-4
160	CC1	-0.0001	-0.0151	-0.1257	1.50E-4	-1.95E-6	1.84E-6
	CC2	-0.0001	-0.0151	-0.1257	1.50E-4	-1.95E-6	1.84E-6
	CC3	-0.0001	-0.0151	-0.1257	1.50E-4	-1.95E-6	1.84E-6
	CC4	-0.0001	-0.0134	-0.1195	1.45E-4	-1.71E-6	2.15E-6
	CC5	-0.0001	-0.0134	-0.1195	1.45E-4	-1.71E-6	2.15E-6
	CC6	0.2134	-0.1284	-0.1114	9.13E-5	-5.93E-5	-1.46E-4
	CC7	0.1942	-0.1062	-0.1111	1.01E-4	-5.34E-5	-1.27E-4
	CC8	0.1999	-0.3248	-0.1156	6.50E-6	-7.83E-5	-1.25E-4
	CC9	0.1807	-0.3026	-0.1154	1.65E-5	-7.24E-5	-1.06E-4
	CC10	-0.1809	0.2771	-0.1196	2.70E-4	6.92E-5	1.10E-4
	CC11	-0.2002	0.2992	-0.1193	2.80E-4	7.50E-5	1.29E-4
	CC12	-0.1944	0.0806	-0.1238	1.85E-4	5.01E-5	1.32E-4
	CC13	-0.2136	0.1028	-0.1236	1.95E-4	5.60E-5	1.50E-4
	CC14	0.1134	0.2171	-0.1096	2.41E-4	1.13E-6	-1.03E-4
	CC15	0.0497	0.2905	-0.1088	2.74E-4	2.05E-5	-4.04E-5
	CC16	-0.0049	0.3387	-0.1121	2.95E-4	3.97E-5	-2.57E-5
	CC17	-0.0686	0.4122	-0.1112	3.28E-4	5.91E-5	3.64E-5
	CC18	0.0684	-0.4377	-0.1237	-4.16E-5	-6.23E-5	-3.19E-5
	CC19	0.0047	-0.3643	-0.1229	-8.39E-6	-4.29E-5	3.02E-5
	CC20	-0.0499	-0.3161	-0.1262	1.19E-5	-2.38E-5	4.49E-5
	CC21	-0.1136	-0.2426	-0.1253	4.51E-5	-4.39E-6	1.07E-4
161	CC1	0.0033	-0.0160	-0.1379	-1.06E-4	-8.86E-6	2.83E-6
	CC2	0.0033	-0.0160	-0.1379	-1.06E-4	-8.86E-6	2.83E-6
	CC3	0.0033	-0.0160	-0.1379	-1.06E-4	-8.86E-6	2.83E-6
	CC4	0.0031	-0.0142	-0.1308	-9.98E-5	-8.88E-6	2.90E-6
	CC5	0.0031	-0.0142	-0.1308	-9.98E-5	-8.88E-6	2.90E-6
	CC6	0.1686	-0.1292	-0.1182	-1.33E-4	-4.98E-5	-1.45E-4
	CC7	0.1615	-0.1070	-0.1179	-1.27E-4	-4.78E-5	-1.26E-4
	CC8	0.1690	-0.3257	-0.1249	-1.93E-4	-5.58E-5	-1.24E-4
	CC9	0.1619	-0.3035	-0.1245	-1.87E-4	-5.38E-5	-1.05E-4
	CC10	-0.1557	0.2762	-0.1322	-8.62E-6	3.60E-5	1.11E-4
	CC11	-0.1629	0.2984	-0.1319	-2.30E-6	3.80E-5	1.30E-4
	CC12	-0.1553	0.0797	-0.1389	-6.84E-5	3.01E-5	1.32E-4
	CC13	-0.1625	0.1019	-0.1385	-6.21E-5	3.20E-5	1.51E-4
	CC14	0.0629	0.2162	-0.1158	-2.71E-5	-1.51E-5	-1.02E-4
	CC15	0.0393	0.2897	-0.1146	-6.21E-6	-8.59E-6	-3.98E-5
	CC16	-0.0344	0.3378	-0.1200	1.03E-5	1.06E-5	-2.51E-5
	CC17	-0.0580	0.4113	-0.1188	3.12E-5	1.72E-5	3.71E-5
	CC18	0.0642	-0.4386	-0.1380	-2.27E-4	-3.49E-5	-3.13E-5
	CC19	0.0406	-0.3651	-0.1368	-2.06E-4	-2.84E-5	3.09E-5
	CC20	-0.0331	-0.3170	-0.1422	-1.89E-4	-9.18E-6	4.56E-5
	CC21	-0.0567	-0.2435	-0.1410	-1.68E-4	-2.66E-6	1.08E-4
162	CC1	0.0046	-0.0162	-0.1124	-7.36E-5	-8.22E-6	2.24E-6
	CC2	0.0046	-0.0162	-0.1124	-7.36E-5	-8.22E-6	2.24E-6
	CC3	0.0046	-0.0162	-0.1124	-7.36E-5	-8.22E-6	2.24E-6
	CC4	0.0044	-0.0144	-0.1078	-6.56E-5	-8.07E-6	2.46E-6
	CC5	0.0044	-0.0144	-0.1078	-6.56E-5	-8.07E-6	2.46E-6
	CC6	0.1521	-0.1294	-0.0994	-1.22E-4	-5.55E-5	-1.46E-4
	CC7	0.1504	-0.1072	-0.1004	-1.12E-4	-5.51E-5	-1.27E-4
	CC8	0.1586	-0.3258	-0.0904	-2.21E-4	-5.85E-5	-1.24E-4
	CC9	0.1569	-0.3036	-0.0913	-2.10E-4	-5.81E-5	-1.06E-4
	CC10	-0.1481	0.2760	-0.1211	8.42E-5	4.21E-5	1.11E-4
	CC11	-0.1498	0.2982	-0.1220	9.48E-5	4.25E-5	1.29E-4
	CC12	-0.1416	0.0796	-0.1121	-1.41E-5	3.90E-5	1.32E-4

	CC13	-0.1434	0.1018	-0.1130	-3.52E-6	3.95E-5	1.51E-4
	CC14	0.0415	0.2161	-0.1165	5.24E-5	-1.83E-5	-1.02E-4
	CC15	0.0358	0.2895	-0.1195	8.75E-5	-1.69E-5	-4.02E-5
	CC16	-0.0486	0.3377	-0.1230	1.14E-4	1.10E-5	-2.55E-5
	CC17	-0.0543	0.4112	-0.1260	1.49E-4	1.24E-5	3.67E-5
	CC18	0.0630	-0.4387	-0.0864	-2.75E-4	-2.84E-5	-3.16E-5
	CC19	0.0573	-0.3653	-0.0894	-2.40E-4	-2.70E-5	3.05E-5
	CC20	-0.0270	-0.3171	-0.0929	-2.13E-4	8.69E-7	4.52E-5
	CC21	-0.0327	-0.2437	-0.0959	-1.78E-4	2.27E-6	1.07E-4
163	CC1	-0.0009	-0.0161	-0.1260	1.88E-4	-2.50E-6	3.07E-6
	CC2	-0.0009	-0.0161	-0.1260	1.88E-4	-2.50E-6	3.07E-6
	CC3	-0.0009	-0.0161	-0.1260	1.88E-4	-2.50E-6	3.07E-6
	CC4	-0.0008	-0.0146	-0.1198	1.83E-4	-2.53E-6	3.23E-6
	CC5	-0.0008	-0.0146	-0.1198	1.83E-4	-2.53E-6	3.23E-6
	CC6	0.2128	-0.0760	-0.1195	1.41E-4	-5.73E-5	-1.45E-4
	CC7	0.1935	-0.0606	-0.1194	1.47E-4	-5.20E-5	-1.26E-4
	CC8	0.1993	-0.2801	-0.1115	9.04E-5	-6.72E-5	-1.24E-4
	CC9	0.1800	-0.2647	-0.1114	9.63E-5	-6.19E-5	-1.05E-4
	CC10	-0.1816	0.2365	-0.1241	2.66E-4	5.68E-5	1.11E-4
	CC11	-0.2008	0.2518	-0.1240	2.72E-4	6.21E-5	1.30E-4
	CC12	-0.1951	0.0323	-0.1162	2.15E-4	4.69E-5	1.33E-4
	CC13	-0.2143	0.0477	-0.1161	2.21E-4	5.23E-5	1.51E-4
	CC14	0.1127	0.2538	-0.1305	2.37E-4	-1.20E-5	-1.02E-4
	CC15	0.0490	0.3047	-0.1302	2.57E-4	5.59E-6	-3.94E-5
	CC16	-0.0056	0.3475	-0.1319	2.75E-4	2.22E-5	-2.47E-5
	CC17	-0.0693	0.3984	-0.1315	2.94E-4	3.98E-5	3.75E-5
	CC18	0.0678	-0.4267	-0.1040	6.78E-5	-4.49E-5	-3.09E-5
	CC19	0.0040	-0.3758	-0.1037	8.74E-5	-2.73E-5	3.13E-5
	CC20	-0.0505	-0.3330	-0.1054	1.05E-4	-1.07E-5	4.60E-5
	CC21	-0.1143	-0.2821	-0.1051	1.25E-4	6.94E-6	1.08E-4
164	CC1	0.0013	-0.0165	-0.1392	-1.10E-4	3.92E-5	7.36E-6
	CC2	0.0013	-0.0165	-0.1392	-1.10E-4	3.92E-5	7.36E-6
	CC3	0.0013	-0.0165	-0.1392	-1.10E-4	3.92E-5	7.36E-6
	CC4	0.0014	-0.0151	-0.1325	-1.04E-4	3.43E-5	7.26E-6
	CC5	0.0014	-0.0151	-0.1325	-1.04E-4	3.43E-5	7.26E-6
	CC6	0.1669	-0.0764	-0.1030	-5.65E-5	5.44E-5	-1.41E-4
	CC7	0.1598	-0.0610	-0.1036	-5.47E-5	5.34E-5	-1.22E-4
	CC8	0.1673	-0.2805	-0.1075	-9.67E-5	6.08E-5	-1.20E-4
	CC9	0.1602	-0.2651	-0.1081	-9.49E-5	5.98E-5	-1.01E-4
	CC10	-0.1574	0.2360	-0.1525	-1.10E-4	5.50E-6	1.15E-4
	CC11	-0.1646	0.2514	-0.1531	-1.08E-4	4.47E-6	1.34E-4
	CC12	-0.1570	0.0319	-0.1570	-1.50E-4	1.19E-5	1.37E-4
	CC13	-0.1642	0.0473	-0.1576	-1.48E-4	1.09E-5	1.55E-4
	CC14	0.0612	0.2534	-0.1145	-3.04E-5	3.10E-5	-9.76E-5
	CC15	0.0375	0.3043	-0.1164	-2.43E-5	2.76E-5	-3.55E-5
	CC16	-0.0361	0.3471	-0.1293	-4.64E-5	1.64E-5	-2.08E-5
	CC17	-0.0598	0.3980	-0.1312	-4.03E-5	1.30E-5	4.14E-5
	CC18	0.0625	-0.4271	-0.1294	-1.64E-4	5.23E-5	-2.70E-5
	CC19	0.0389	-0.3762	-0.1313	-1.58E-4	4.89E-5	3.52E-5
	CC20	-0.0348	-0.3334	-0.1443	-1.80E-4	3.76E-5	4.99E-5
	CC21	-0.0584	-0.2825	-0.1462	-1.74E-4	3.42E-5	1.12E-4
165	CC1	0.0038	-0.0166	-0.1135	-8.06E-5	-2.09E-6	8.41E-6
	CC2	0.0038	-0.0166	-0.1135	-8.06E-5	-2.09E-6	8.41E-6
	CC3	0.0038	-0.0166	-0.1135	-8.06E-5	-2.09E-6	8.41E-6
	CC4	0.0037	-0.0151	-0.1091	-7.28E-5	-3.18E-6	8.02E-6
	CC5	0.0037	-0.0151	-0.1091	-7.28E-5	-3.18E-6	8.02E-6
	CC6	0.1514	-0.0765	-0.0975	5.33E-6	-3.16E-5	-1.40E-4
	CC7	0.1497	-0.0611	-0.0980	7.62E-6	-3.10E-5	-1.21E-4
	CC8	0.1579	-0.2806	-0.0925	-4.92E-5	-3.91E-5	-1.19E-4
	CC9	0.1562	-0.2652	-0.0930	-4.69E-5	-3.86E-5	-1.00E-4
	CC10	-0.1488	0.2360	-0.1224	-9.34E-5	3.15E-5	1.16E-4
	CC11	-0.1505	0.2513	-0.1229	-9.11E-5	3.20E-5	1.35E-4
	CC12	-0.1423	0.0318	-0.1173	-1.48E-4	2.39E-5	1.37E-4
	CC13	-0.1440	0.0472	-0.1178	-1.46E-4	2.45E-5	1.56E-4
	CC14	0.0408	0.2533	-0.1115	3.17E-5	-1.39E-6	-9.70E-5
	CC15	0.0351	0.3042	-0.1132	3.93E-5	4.96E-7	-3.48E-5
	CC16	-0.0493	0.3470	-0.1189	2.07E-6	1.75E-5	-2.01E-5
	CC17	-0.0550	0.3979	-0.1206	9.66E-6	1.94E-5	4.21E-5
	CC18	0.0624	-0.4272	-0.0947	-1.50E-4	-2.65E-5	-2.63E-5
	CC19	0.0567	-0.3763	-0.0964	-1.42E-4	-2.46E-5	3.59E-5
	CC20	-0.0277	-0.3334	-0.1022	-1.80E-4	-7.59E-6	5.06E-5
	CC21	-0.0334	-0.2825	-0.1038	-1.72E-4	-5.70E-6	1.13E-4

166	CC1	-0.0016	-0.0193	-0.1269	1.41E-4	-1.33E-6	3.77E-6
	CC2	-0.0016	-0.0193	-0.1269	1.41E-4	-1.33E-6	3.77E-6
	CC3	-0.0016	-0.0193	-0.1269	1.41E-4	-1.33E-6	3.77E-6
	CC4	-0.0014	-0.0179	-0.1206	1.39E-4	-1.32E-6	3.75E-6
	CC5	-0.0014	-0.0179	-0.1206	1.39E-4	-1.32E-6	3.75E-6
	CC6	0.2122	-0.0241	-0.1124	9.56E-5	-6.26E-5	-1.44E-4
	CC7	0.1929	-0.0157	-0.1124	9.89E-5	-5.69E-5	-1.26E-4
	CC8	0.1987	-0.2361	-0.1200	6.33E-5	-7.20E-5	-1.23E-4
	CC9	0.1794	-0.2277	-0.1200	6.66E-5	-6.63E-5	-1.04E-4
	CC10	-0.1822	0.1928	-0.1172	2.12E-4	6.36E-5	1.12E-4
	CC11	-0.2014	0.2012	-0.1172	2.15E-4	6.94E-5	1.31E-4
	CC12	-0.1957	-0.0193	-0.1248	1.79E-4	5.43E-5	1.33E-4
	CC13	-0.2149	-0.0109	-0.1248	1.83E-4	6.00E-5	1.52E-4
	CC14	0.1121	0.2896	-0.1052	1.70E-4	-1.42E-5	-1.01E-4
	CC15	0.0484	0.3173	-0.1052	1.81E-4	4.88E-6	-3.89E-5
	CC16	-0.0062	0.3546	-0.1066	2.05E-4	2.37E-5	-2.42E-5
	CC17	-0.0699	0.3823	-0.1066	2.16E-4	4.28E-5	3.79E-5
	CC18	0.0671	-0.4173	-0.1306	6.24E-5	-4.54E-5	-3.04E-5
	CC19	0.0034	-0.3895	-0.1305	7.33E-5	-2.63E-5	3.17E-5
	CC20	-0.0512	-0.3522	-0.1320	9.72E-5	-7.52E-6	4.64E-5
	CC21	-0.1149	-0.3245	-0.1320	1.08E-4	1.15E-5	1.09E-4
167	CC1	0.0007	-0.0197	-0.1183	-6.06E-5	3.25E-5	7.00E-6
	CC2	0.0007	-0.0197	-0.1183	-6.06E-5	3.25E-5	7.00E-6
	CC3	0.0007	-0.0197	-0.1183	-6.06E-5	3.25E-5	7.00E-6
	CC4	0.0008	-0.0183	-0.1138	-5.72E-5	2.97E-5	6.93E-6
	CC5	0.0008	-0.0183	-0.1138	-5.72E-5	2.97E-5	6.93E-6
	CC6	0.1664	-0.0244	-0.0755	-5.61E-5	-2.09E-5	-1.41E-4
	CC7	0.1592	-0.0161	-0.0764	-5.15E-5	-1.88E-5	-1.22E-4
	CC8	0.1668	-0.2365	-0.0793	-1.61E-4	-2.49E-5	-1.20E-4
	CC9	0.1596	-0.2281	-0.0803	-1.56E-4	-2.27E-5	-1.01E-4
	CC10	-0.1580	0.1924	-0.1442	4.37E-5	8.04E-5	1.15E-4
	CC11	-0.1651	0.2008	-0.1452	4.83E-5	8.25E-5	1.34E-4
	CC12	-0.1576	-0.0197	-0.1481	-6.07E-5	7.64E-5	1.36E-4
	CC13	-0.1647	-0.0113	-0.1490	-5.61E-5	7.86E-5	1.55E-4
	CC14	0.0606	0.2892	-0.0939	9.52E-5	1.66E-5	-9.80E-5
	CC15	0.0370	0.3169	-0.0972	1.11E-4	2.38E-5	-3.58E-5
	CC16	-0.0367	0.3542	-0.1146	1.25E-4	4.70E-5	-2.11E-5
	CC17	-0.0603	0.3819	-0.1178	1.41E-4	5.42E-5	4.11E-5
	CC18	0.0620	-0.4176	-0.1067	-2.53E-4	3.47E-6	-2.73E-5
	CC19	0.0383	-0.3899	-0.1099	-2.37E-4	1.07E-5	3.49E-5
	CC20	-0.0353	-0.3526	-0.1273	-2.23E-4	3.39E-5	4.96E-5
	CC21	-0.0590	-0.3249	-0.1306	-2.07E-4	4.10E-5	1.12E-4
168	CC1	0.0031	-0.0197	-0.1142	-1.81E-5	2.65E-5	7.54E-6
	CC2	0.0031	-0.0197	-0.1142	-1.81E-5	2.65E-5	7.54E-6
	CC3	0.0031	-0.0197	-0.1142	-1.81E-5	2.65E-5	7.54E-6
	CC4	0.0031	-0.0183	-0.1104	-1.55E-5	2.43E-5	7.38E-6
	CC5	0.0031	-0.0183	-0.1104	-1.55E-5	2.43E-5	7.38E-6
	CC6	0.1508	-0.0244	-0.0800	2.58E-5	1.55E-5	-1.41E-4
	CC7	0.1491	-0.0161	-0.0801	2.29E-5	1.90E-5	-1.22E-4
	CC8	0.1573	-0.2365	-0.0847	7.65E-6	-5.35E-5	-1.20E-4
	CC9	0.1555	-0.2281	-0.0848	4.74E-6	-5.00E-5	-1.01E-4
	CC10	-0.1494	0.1924	-0.1334	-3.41E-5	9.70E-5	1.15E-4
	CC11	-0.1512	0.2008	-0.1335	-3.71E-5	1.01E-4	1.34E-4
	CC12	-0.1430	-0.0196	-0.1381	-5.23E-5	2.80E-5	1.37E-4
	CC13	-0.1447	-0.0113	-0.1382	-5.52E-5	3.15E-5	1.55E-4
	CC14	0.0401	0.2892	-0.0931	2.93E-5	1.20E-4	-9.75E-5
	CC15	0.0344	0.3169	-0.0933	1.97E-5	1.32E-4	-3.54E-5
	CC16	-0.0499	0.3542	-0.1091	1.13E-5	1.45E-4	-2.07E-5
	CC17	-0.0556	0.3819	-0.1093	1.70E-6	1.57E-4	4.15E-5
	CC18	0.0617	-0.4176	-0.1089	-3.11E-5	-1.10E-4	-2.69E-5
	CC19	0.0560	-0.3899	-0.1091	-4.07E-5	-9.79E-5	3.53E-5
	CC20	-0.0283	-0.3526	-0.1249	-4.91E-5	-8.51E-5	5.00E-5
	CC21	-0.0340	-0.3249	-0.1251	-5.87E-5	-7.34E-5	1.12E-4
169	CC1	-0.0023	-0.0213	-0.1284	1.27E-4	-3.55E-6	4.70E-6
	CC2	-0.0023	-0.0213	-0.1284	1.27E-4	-3.55E-6	4.70E-6
	CC3	-0.0023	-0.0213	-0.1284	1.27E-4	-3.55E-6	4.70E-6
	CC4	-0.0020	-0.0200	-0.1221	1.26E-4	-3.50E-6	4.43E-6
	CC5	-0.0020	-0.0200	-0.1221	1.26E-4	-3.50E-6	4.43E-6
	CC6	0.2116	0.0291	-0.1156	1.23E-4	-7.28E-5	-1.44E-4
	CC7	0.1924	0.0305	-0.1156	1.24E-4	-6.66E-5	-1.25E-4
	CC8	0.1981	-0.1908	-0.1198	8.54E-5	-8.62E-5	-1.23E-4
	CC9	0.1789	-0.1894	-0.1198	8.67E-5	-8.01E-5	-1.04E-4

	CC10	-0.1827	0.1504	-0.1202	1.66E-4	7.31E-5	1.12E-4
	CC11	-0.2020	0.1518	-0.1202	1.67E-4	7.92E-5	1.31E-4
	CC12	-0.1962	-0.0696	-0.1243	1.29E-4	5.96E-5	1.34E-4
	CC13	-0.2155	-0.0682	-0.1244	1.30E-4	6.58E-5	1.52E-4
	CC14	0.1116	0.3266	-0.1122	1.80E-4	-1.31E-5	-1.01E-4
	CC15	0.0479	0.3311	-0.1124	1.85E-4	7.24E-6	-3.84E-5
	CC16	-0.0067	0.3630	-0.1136	1.93E-4	3.06E-5	-2.37E-5
	CC17	-0.0704	0.3675	-0.1138	1.97E-4	5.10E-5	3.85E-5
	CC18	0.0666	-0.4066	-0.1262	5.53E-5	-5.80E-5	-2.98E-5
	CC19	0.0029	-0.4020	-0.1264	5.96E-5	-3.76E-5	3.23E-5
	CC20	-0.0517	-0.3702	-0.1276	6.83E-5	-1.42E-5	4.70E-5
	CC21	-0.1154	-0.3657	-0.1278	7.26E-5	6.16E-6	1.09E-4
170	CC1	0.0012	-0.0217	-0.1132	-6.05E-5	-3.74E-6	4.70E-6
	CC2	0.0012	-0.0217	-0.1132	-6.05E-5	-3.74E-6	4.70E-6
	CC3	0.0012	-0.0217	-0.1132	-6.05E-5	-3.74E-6	4.70E-6
	CC4	0.0013	-0.0204	-0.1090	-5.73E-5	-3.67E-6	4.45E-6
	CC5	0.0013	-0.0204	-0.1090	-5.73E-5	-3.67E-6	4.45E-6
	CC6	0.1668	0.0288	-0.0894	-4.34E-5	-1.53E-4	-1.44E-4
	CC7	0.1597	0.0301	-0.0896	-4.30E-5	-1.47E-4	-1.25E-4
	CC8	0.1672	-0.1912	-0.0940	-1.17E-4	-1.55E-4	-1.23E-4
	CC9	0.1601	-0.1898	-0.0942	-1.17E-4	-1.49E-4	-1.04E-4
	CC10	-0.1575	0.1500	-0.1211	4.41E-6	1.41E-4	1.12E-4
	CC11	-0.1646	0.1514	-0.1213	4.83E-6	1.47E-4	1.31E-4
	CC12	-0.1571	-0.0699	-0.1257	-6.95E-5	1.40E-4	1.34E-4
	CC13	-0.1642	-0.0686	-0.1259	-6.91E-5	1.46E-4	1.52E-4
	CC14	0.0611	0.3262	-0.0949	5.91E-5	-5.47E-5	-1.00E-4
	CC15	0.0375	0.3307	-0.0956	6.05E-5	-3.48E-5	-3.83E-5
	CC16	-0.0362	0.3626	-0.1044	7.35E-5	3.36E-5	-2.36E-5
	CC17	-0.0598	0.3671	-0.1051	7.48E-5	5.34E-5	3.85E-5
	CC18	0.0624	-0.4069	-0.1102	-1.87E-4	-6.07E-5	-2.98E-5
	CC19	0.0388	-0.4024	-0.1109	-1.86E-4	-4.09E-5	3.24E-5
	CC20	-0.0349	-0.3706	-0.1198	-1.73E-4	2.76E-5	4.71E-5
	CC21	-0.0585	-0.3661	-0.1205	-1.72E-4	4.74E-5	1.09E-4
171	CC1	0.0029	-0.0217	-0.1043	-3.16E-5	-1.58E-5	4.91E-6
	CC2	0.0029	-0.0217	-0.1043	-3.16E-5	-1.58E-5	4.91E-6
	CC3	0.0029	-0.0217	-0.1043	-3.16E-5	-1.58E-5	4.91E-6
	CC4	0.0029	-0.0203	-0.1010	-2.91E-5	-1.47E-5	4.59E-6
	CC5	0.0029	-0.0203	-0.1010	-2.91E-5	-1.47E-5	4.59E-6
	CC6	0.1507	0.0288	-0.0638	5.99E-6	-1.07E-4	-1.44E-4
	CC7	0.1489	0.0301	-0.0626	6.74E-6	-1.06E-4	-1.25E-4
	CC8	0.1571	-0.1912	-0.0934	-1.28E-4	-1.08E-4	-1.22E-4
	CC9	0.1554	-0.1898	-0.0921	-1.27E-4	-1.07E-4	-1.04E-4
	CC10	-0.1496	0.1500	-0.1078	7.07E-5	7.85E-5	1.13E-4
	CC11	-0.1513	0.1514	-0.1065	7.14E-5	7.95E-5	1.31E-4
	CC12	-0.1431	-0.0699	-0.1373	-6.34E-5	7.71E-5	1.34E-4
	CC13	-0.1448	-0.0686	-0.1361	-6.27E-5	7.82E-5	1.53E-4
	CC14	0.0400	0.3262	-0.0462	1.84E-4	-4.17E-5	-1.00E-4
	CC15	0.0343	0.3308	-0.0421	1.87E-4	-3.81E-5	-3.82E-5
	CC16	-0.0500	0.3626	-0.0593	2.04E-4	1.39E-5	-2.35E-5
	CC17	-0.0557	0.3671	-0.0553	2.06E-4	1.74E-5	3.87E-5
	CC18	0.0616	-0.4069	-0.1446	-2.63E-4	-4.61E-5	-2.97E-5
	CC19	0.0559	-0.4024	-0.1405	-2.60E-4	-4.25E-5	3.25E-5
	CC20	-0.0285	-0.3706	-0.1578	-2.43E-4	9.53E-6	4.72E-5
	CC21	-0.0342	-0.3660	-0.1537	-2.41E-4	1.31E-5	1.09E-4
172	CC1	-0.0030	-0.0221	-0.1343	1.19E-4	-3.09E-5	8.74E-6
	CC2	-0.0030	-0.0221	-0.1343	1.19E-4	-3.09E-5	8.74E-6
	CC3	-0.0030	-0.0221	-0.1343	1.19E-4	-3.09E-5	8.74E-6
	CC4	-0.0026	-0.0205	-0.1278	1.19E-4	-2.98E-5	8.09E-6
	CC5	-0.0026	-0.0205	-0.1278	1.19E-4	-2.98E-5	8.09E-6
	CC6	0.2110	0.0824	-0.1181	2.17E-4	-8.40E-5	-1.40E-4
	CC7	0.1918	0.0769	-0.1182	2.17E-4	-7.84E-5	-1.21E-4
	CC8	0.1975	-0.1453	-0.1275	1.70E-4	-7.98E-5	-1.19E-4
	CC9	0.1783	-0.1507	-0.1275	1.70E-4	-7.41E-5	-1.00E-4
	CC10	-0.1833	0.1107	-0.1238	6.80E-5	1.52E-5	1.16E-4
	CC11	-0.2025	0.1053	-0.1238	6.77E-5	2.08E-5	1.35E-4
	CC12	-0.1968	-0.1169	-0.1331	2.15E-5	1.94E-5	1.37E-4
	CC13	-0.2160	-0.1224	-0.1332	2.12E-5	2.51E-5	1.56E-4
	CC14	0.1110	0.3642	-0.1092	2.19E-4	-6.08E-5	-9.70E-5
	CC15	0.0473	0.3462	-0.1092	2.18E-4	-4.21E-5	-3.48E-5
	CC16	-0.0073	0.3727	-0.1108	1.75E-4	-3.10E-5	-2.01E-5
	CC17	-0.0710	0.3547	-0.1109	1.74E-4	-1.23E-5	4.21E-5
	CC18	0.0660	-0.3946	-0.1404	6.42E-5	-4.66E-5	-2.63E-5

	CC19	0.0023	-0.4127	-0.1404	6.33E-5	-2.80E-5	3.59E-5
	CC20	-0.0523	-0.3861	-0.1420	1.96E-5	-1.69E-5	5.06E-5
	CC21	-0.1160	-0.4042	-0.1421	1.86E-5	1.80E-6	1.13E-4
173	CC1	0.0021	-0.0224	-0.1175	-4.61E-5	-4.60E-5	1.82E-6
	CC2	0.0021	-0.0224	-0.1175	-4.61E-5	-4.60E-5	1.82E-6
	CC3	0.0021	-0.0224	-0.1175	-4.61E-5	-4.60E-5	1.82E-6
	CC4	0.0021	-0.0208	-0.1131	-4.40E-5	-4.34E-5	1.37E-6
	CC5	0.0021	-0.0208	-0.1131	-4.40E-5	-4.34E-5	1.37E-6
	CC6	0.1675	0.0821	-0.1433	-1.96E-5	-1.41E-4	-1.47E-4
	CC7	0.1604	0.0766	-0.1415	-1.98E-5	-1.37E-4	-1.28E-4
	CC8	0.1679	-0.1456	-0.1471	-1.28E-4	-1.42E-4	-1.26E-4
	CC9	0.1608	-0.1510	-0.1453	-1.28E-4	-1.38E-4	-1.07E-4
	CC10	-0.1566	0.1104	-0.0781	4.12E-5	5.29E-5	1.09E-4
	CC11	-0.1637	0.1049	-0.0763	4.10E-5	5.69E-5	1.28E-4
	CC12	-0.1562	-0.1172	-0.0819	-6.68E-5	5.16E-5	1.31E-4
	CC13	-0.1633	-0.1227	-0.0801	-6.70E-5	5.56E-5	1.49E-4
	CC14	0.0617	0.3639	-0.1180	1.28E-4	-7.61E-5	-1.04E-4
	CC15	0.0382	0.3458	-0.1123	1.27E-4	-6.28E-5	-4.15E-5
	CC16	-0.0355	0.3724	-0.0985	1.46E-4	-1.80E-5	-2.68E-5
	CC17	-0.0590	0.3543	-0.0927	1.46E-4	-4.71E-6	3.54E-5
	CC18	0.0632	-0.3950	-0.1307	-2.32E-4	-8.04E-5	-3.30E-5
	CC19	0.0397	-0.4130	-0.1249	-2.33E-4	-6.72E-5	2.92E-5
	CC20	-0.0340	-0.3865	-0.1111	-2.14E-4	-2.24E-5	4.39E-5
	CC21	-0.0575	-0.4045	-0.1054	-2.14E-4	-9.09E-6	1.06E-4
174	CC1	0.0028	-0.0225	-0.1238	3.25E-6	-5.39E-5	2.25E-6
	CC2	0.0028	-0.0225	-0.1238	3.25E-6	-5.39E-5	2.25E-6
	CC3	0.0028	-0.0225	-0.1238	3.25E-6	-5.39E-5	2.25E-6
	CC4	0.0028	-0.0209	-0.1192	3.55E-6	-5.00E-5	2.05E-6
	CC5	0.0028	-0.0209	-0.1192	3.55E-6	-5.00E-5	2.05E-6
	CC6	0.1506	0.0806	-0.1229	-7.26E-5	-1.43E-4	-1.46E-4
	CC7	0.1488	0.0753	-0.1222	-7.01E-5	-1.45E-4	-1.27E-4
	CC8	0.1570	-0.1468	-0.1285	-1.01E-4	-7.34E-5	-1.25E-4
	CC9	0.1553	-0.1521	-0.1279	-9.89E-5	-7.54E-5	-1.06E-4
	CC10	-0.1497	0.1114	-0.1074	1.06E-4	-2.20E-5	1.10E-4
	CC11	-0.1514	0.1061	-0.1067	1.09E-4	-2.40E-5	1.29E-4
	CC12	-0.1432	-0.1161	-0.1130	7.74E-5	4.75E-5	1.31E-4
	CC13	-0.1449	-0.1213	-0.1124	7.99E-5	4.55E-5	1.50E-4
	CC14	0.0399	0.3628	-0.1116	2.07E-5	-1.79E-4	-1.03E-4
	CC15	0.0342	0.3454	-0.1095	2.90E-5	-1.86E-4	-4.07E-5
	CC16	-0.0501	0.3721	-0.1070	7.43E-5	-1.43E-4	-2.60E-5
	CC17	-0.0558	0.3546	-0.1048	8.26E-5	-1.50E-4	3.62E-5
	CC18	0.0615	-0.3953	-0.1304	-7.53E-5	5.23E-5	-3.22E-5
	CC19	0.0558	-0.4128	-0.1283	-6.70E-5	4.57E-5	3.00E-5
	CC20	-0.0286	-0.3861	-0.1258	-2.17E-5	8.86E-5	4.47E-5
	CC21	-0.0343	-0.4035	-0.1237	-1.34E-5	8.19E-5	1.07E-4
175	CC1	-0.0039	-0.0250	-0.1573	1.05E-4	-3.91E-5	4.50E-6
	CC2	-0.0039	-0.0250	-0.1573	1.05E-4	-3.91E-5	4.50E-6
	CC3	-0.0039	-0.0250	-0.1573	1.05E-4	-3.91E-5	4.50E-6
	CC4	-0.0035	-0.0230	-0.1500	1.06E-4	-3.83E-5	4.00E-6
	CC5	-0.0035	-0.0230	-0.1500	1.06E-4	-3.83E-5	4.00E-6
	CC6	0.2102	0.1345	-0.1374	4.99E-4	-1.83E-4	-1.44E-4
	CC7	0.1910	0.1223	-0.1372	5.40E-4	-1.75E-4	-1.25E-4
	CC8	0.1967	-0.1008	-0.1477	3.00E-4	-1.93E-4	-1.23E-4
	CC9	0.1775	-0.1131	-0.1475	3.40E-4	-1.84E-4	-1.04E-4
	CC10	-0.1841	0.0683	-0.1476	-1.28E-4	1.08E-4	1.12E-4
	CC11	-0.2034	0.0561	-0.1474	-8.82E-5	1.17E-4	1.31E-4
	CC12	-0.1976	-0.1670	-0.1579	-3.28E-4	9.84E-5	1.33E-4
	CC13	-0.2169	-0.1793	-0.1578	-2.88E-4	1.07E-4	1.52E-4
	CC14	0.1102	0.4001	-0.1291	4.67E-4	-8.07E-5	-1.01E-4
	CC15	0.0465	0.3595	-0.1286	5.99E-4	-5.11E-5	-3.89E-5
	CC16	-0.0081	0.3802	-0.1322	2.78E-4	6.76E-6	-2.42E-5
	CC17	-0.0718	0.3396	-0.1317	4.11E-4	3.63E-5	3.80E-5
	CC18	0.0652	-0.3844	-0.1635	-1.99E-4	-1.12E-4	-3.03E-5
	CC19	0.0015	-0.4250	-0.1630	-6.67E-5	-8.29E-5	3.18E-5
	CC20	-0.0531	-0.4042	-0.1665	-3.88E-4	-2.50E-5	4.65E-5
	CC21	-0.1168	-0.4448	-0.1660	-2.55E-4	4.49E-6	1.09E-4
176	CC1	0.0008	-0.0224	-0.1546	-4.09E-5	-4.46E-5	1.77E-6
	CC2	0.0008	-0.0224	-0.1546	-4.09E-5	-4.46E-5	1.77E-6
	CC3	0.0008	-0.0224	-0.1546	-4.09E-5	-4.46E-5	1.77E-6
	CC4	0.0009	-0.0205	-0.1482	-3.78E-5	-4.29E-5	1.55E-6
	CC5	0.0009	-0.0205	-0.1482	-3.78E-5	-4.29E-5	1.55E-6
	CC6	0.1665	0.1370	-0.1604	6.82E-6	-6.72E-5	-1.47E-4

	CC7	0.1594	0.1247	-0.1601	1.30E-5	-7.45E-5	-1.28E-4
	CC8	0.1669	-0.0984	-0.1658	-2.35E-5	-7.52E-5	-1.25E-4
	CC9	0.1598	-0.1106	-0.1656	-1.73E-5	-8.25E-5	-1.07E-4
	CC10	-0.1579	0.0708	-0.1266	-5.62E-5	-2.14E-6	1.10E-4
	CC11	-0.1650	0.0585	-0.1264	-5.00E-5	-9.36E-6	1.28E-4
	CC12	-0.1575	-0.1646	-0.1321	-8.65E-5	-1.01E-5	1.31E-4
	CC13	-0.1646	-0.1768	-0.1318	-8.03E-5	-1.74E-5	1.50E-4
	CC14	0.0607	0.4025	-0.1424	1.30E-5	-2.68E-5	-1.03E-4
	CC15	0.0371	0.3619	-0.1417	3.34E-5	-5.07E-5	-4.12E-5
	CC16	-0.0366	0.3827	-0.1323	-5.91E-6	-7.23E-6	-2.65E-5
	CC17	-0.0602	0.3421	-0.1315	1.45E-5	-3.11E-5	3.57E-5
	CC18	0.0621	-0.3819	-0.1606	-8.81E-5	-5.35E-5	-3.27E-5
	CC19	0.0385	-0.4225	-0.1599	-6.76E-5	-7.74E-5	2.95E-5
	CC20	-0.0352	-0.4018	-0.1505	-1.07E-4	-3.39E-5	4.42E-5
	CC21	-0.0588	-0.4424	-0.1498	-8.65E-5	-5.78E-5	1.06E-4
177	CC1	0.0021	-0.0224	-0.1299	-6.62E-5	-1.17E-5	3.58E-6
	CC2	0.0021	-0.0224	-0.1299	-6.62E-5	-1.17E-5	3.58E-6
	CC3	0.0021	-0.0224	-0.1299	-6.62E-5	-1.17E-5	3.58E-6
	CC4	0.0022	-0.0206	-0.1255	-6.12E-5	-1.21E-5	3.65E-6
	CC5	0.0022	-0.0206	-0.1255	-6.12E-5	-1.21E-5	3.65E-6
	CC6	0.1500	0.1370	-0.1279	1.20E-5	-9.96E-5	-1.44E-4
	CC7	0.1483	0.1247	-0.1284	8.01E-6	-9.99E-5	-1.26E-4
	CC8	0.1565	-0.0984	-0.1337	-1.02E-4	-9.53E-5	-1.23E-4
	CC9	0.1547	-0.1106	-0.1342	-1.06E-4	-9.56E-5	-1.04E-4
	CC10	-0.1502	0.0708	-0.1137	-1.35E-5	7.12E-5	1.12E-4
	CC11	-0.1519	0.0585	-0.1142	-1.75E-5	7.09E-5	1.31E-4
	CC12	-0.1437	-0.1646	-0.1196	-1.27E-4	7.55E-5	1.33E-4
	CC13	-0.1455	-0.1768	-0.1201	-1.31E-4	7.52E-5	1.52E-4
	CC14	0.0394	0.4025	-0.1155	1.40E-4	-4.45E-5	-1.01E-4
	CC15	0.0337	0.3619	-0.1171	1.27E-4	-4.55E-5	-3.90E-5
	CC16	-0.0507	0.3827	-0.1112	1.33E-4	6.77E-6	-2.43E-5
	CC17	-0.0564	0.3421	-0.1129	1.19E-4	5.79E-6	3.78E-5
	CC18	0.0609	-0.3819	-0.1351	-2.38E-4	-3.01E-5	-3.05E-5
	CC19	0.0552	-0.4225	-0.1367	-2.52E-4	-3.11E-5	3.17E-5
	CC20	-0.0291	-0.4018	-0.1308	-2.46E-4	2.11E-5	4.64E-5
	CC21	-0.0348	-0.4424	-0.1325	-2.59E-4	2.01E-5	1.09E-4
178	CC1	0.0054	-0.0225	-0.1026	-7.50E-5	-1.40E-5	3.80E-6
	CC2	0.0054	-0.0225	-0.1026	-7.50E-5	-1.40E-5	3.80E-6
	CC3	0.0054	-0.0225	-0.1026	-7.50E-5	-1.40E-5	3.80E-6
	CC4	0.0056	-0.0206	-0.0998	-7.05E-5	-1.43E-5	3.69E-6
	CC5	0.0056	-0.0206	-0.0998	-7.05E-5	-1.43E-5	3.69E-6
	CC6	0.1361	0.1308	-0.1274	2.37E-5	-1.23E-4	-1.44E-4
	CC7	0.1409	0.1193	-0.1275	2.27E-5	-1.29E-4	-1.26E-4
	CC8	0.1499	-0.1037	-0.1130	-5.40E-5	-1.31E-4	-1.23E-4
	CC9	0.1546	-0.1152	-0.1131	-5.51E-5	-1.37E-4	-1.04E-4
	CC10	-0.1434	0.0753	-0.0846	-8.30E-5	1.08E-4	1.12E-4
	CC11	-0.1387	0.0638	-0.0847	-8.41E-5	1.02E-4	1.31E-4
	CC12	-0.1297	-0.1592	-0.0702	-1.61E-4	9.99E-5	1.33E-4
	CC13	-0.1249	-0.1706	-0.0703	-1.62E-4	9.38E-5	1.52E-4
	CC14	0.0168	0.3981	-0.1292	7.83E-5	-2.48E-5	-1.01E-4
	CC15	0.0324	0.3601	-0.1296	7.48E-5	-4.51E-5	-3.90E-5
	CC16	-0.0670	0.3815	-0.1164	4.63E-5	4.45E-5	-2.43E-5
	CC17	-0.0514	0.3435	-0.1167	4.28E-5	2.42E-5	3.78E-5
	CC18	0.0626	-0.3834	-0.0810	-1.81E-4	-5.30E-5	-3.05E-5
	CC19	0.0782	-0.4214	-0.0813	-1.84E-4	-7.33E-5	3.16E-5
	CC20	-0.0212	-0.4000	-0.0681	-2.13E-4	1.63E-5	4.63E-5
	CC21	-0.0056	-0.4380	-0.0685	-2.16E-4	-4.02E-6	1.09E-4
179	CC1	-0.0039	-0.0208	-0.1638	7.69E-5	-1.09E-5	-6.26E-6
	CC2	-0.0039	-0.0208	-0.1638	7.69E-5	-1.09E-5	-6.26E-6
	CC3	-0.0039	-0.0208	-0.1638	7.69E-5	-1.09E-5	-6.26E-6
	CC4	-0.0034	-0.0189	-0.1565	7.65E-5	-1.08E-5	-5.99E-6
	CC5	-0.0034	-0.0189	-0.1565	7.65E-5	-1.08E-5	-5.99E-6
	CC6	0.2103	0.1935	-0.1351	2.54E-4	-1.40E-4	-1.54E-4
	CC7	0.1910	0.1743	-0.1358	2.63E-4	-1.32E-4	-1.35E-4
	CC8	0.1968	-0.0497	-0.1519	1.10E-4	-1.49E-4	-1.33E-4
	CC9	0.1775	-0.0690	-0.1525	1.19E-4	-1.41E-4	-1.14E-4
	CC10	-0.1841	0.0325	-0.1558	3.38E-5	1.19E-4	1.02E-4
	CC11	-0.2033	0.0132	-0.1564	4.23E-5	1.27E-4	1.21E-4
	CC12	-0.1975	-0.2108	-0.1725	-1.10E-4	1.10E-4	1.23E-4
	CC13	-0.2168	-0.2300	-0.1731	-1.01E-4	1.18E-4	1.42E-4
	CC14	0.1102	0.4432	-0.1221	3.35E-4	-4.81E-5	-1.11E-4
	CC15	0.0465	0.3794	-0.1242	3.63E-4	-2.19E-5	-4.86E-5

	CC16	-0.0081	0.3949	-0.1283	2.69E-4	2.95E-5	-3.39E-5
	CC17	-0.0718	0.3311	-0.1304	2.97E-4	5.57E-5	2.83E-5
	CC18	0.0653	-0.3676	-0.1779	-1.44E-4	-7.74E-5	-4.01E-5
	CC19	0.0016	-0.4314	-0.1800	-1.16E-4	-5.12E-5	2.21E-5
	CC20	-0.0530	-0.4159	-0.1841	-2.10E-4	2.16E-7	3.68E-5
	CC21	-0.1167	-0.4797	-0.1861	-1.82E-4	2.64E-5	9.90E-5
180	CC1	-0.0004	-0.0202	-0.1542	-5.79E-5	-1.76E-6	4.39E-6
	CC2	-0.0004	-0.0202	-0.1542	-5.79E-5	-1.76E-6	4.39E-6
	CC3	-0.0004	-0.0202	-0.1542	-5.79E-5	-1.76E-6	4.39E-6
	CC4	-0.0001	-0.0183	-0.1480	-5.40E-5	-1.91E-6	4.28E-6
	CC5	-0.0001	-0.0183	-0.1480	-5.40E-5	-1.91E-6	4.28E-6
	CC6	0.1655	0.1948	-0.1495	-3.76E-5	-8.10E-5	-1.44E-4
	CC7	0.1583	0.1754	-0.1503	-3.97E-5	-8.31E-5	-1.25E-4
	CC8	0.1659	-0.0486	-0.1584	-4.81E-5	-8.63E-5	-1.23E-4
	CC9	0.1587	-0.0679	-0.1592	-5.03E-5	-8.83E-5	-1.04E-4
	CC10	-0.1589	0.0325	-0.1327	-5.52E-5	8.44E-5	1.12E-4
	CC11	-0.1660	0.0131	-0.1335	-5.74E-5	8.24E-5	1.31E-4
	CC12	-0.1585	-0.2109	-0.1416	-6.58E-5	7.92E-5	1.34E-4
	CC13	-0.1656	-0.2302	-0.1424	-6.79E-5	7.71E-5	1.52E-4
	CC14	0.0597	0.4443	-0.1324	-2.90E-5	-1.47E-5	-1.01E-4
	CC15	0.0361	0.3802	-0.1349	-3.61E-5	-2.14E-5	-3.85E-5
	CC16	-0.0376	0.3956	-0.1274	-3.43E-5	3.50E-5	-2.38E-5
	CC17	-0.0612	0.3315	-0.1299	-4.14E-5	2.82E-5	3.84E-5
	CC18	0.0611	-0.3669	-0.1620	-6.41E-5	-3.22E-5	-2.99E-5
	CC19	0.0375	-0.4310	-0.1645	-7.12E-5	-3.89E-5	3.22E-5
	CC20	-0.0362	-0.4156	-0.1570	-6.94E-5	1.75E-5	4.69E-5
	CC21	-0.0599	-0.4797	-0.1595	-7.65E-5	1.07E-5	1.09E-4
181	CC1	0.0016	-0.0202	-0.1410	-4.54E-5	-5.77E-6	2.38E-6
	CC2	0.0016	-0.0202	-0.1410	-4.54E-5	-5.77E-6	2.38E-6
	CC3	0.0016	-0.0202	-0.1410	-4.54E-5	-5.77E-6	2.38E-6
	CC4	0.0018	-0.0183	-0.1360	-4.08E-5	-5.60E-6	2.39E-6
	CC5	0.0018	-0.0183	-0.1360	-4.08E-5	-5.60E-6	2.39E-6
	CC6	0.1496	0.1941	-0.1439	-2.27E-5	-9.15E-5	-1.46E-4
	CC7	0.1478	0.1748	-0.1436	-3.07E-5	-9.14E-5	-1.27E-4
	CC8	0.1560	-0.0492	-0.1406	-1.34E-4	-8.77E-5	-1.25E-4
	CC9	0.1543	-0.0684	-0.1403	-1.42E-4	-8.76E-5	-1.06E-4
	CC10	-0.1506	0.0330	-0.1285	6.38E-5	7.65E-5	1.11E-4
	CC11	-0.1524	0.0138	-0.1282	5.58E-5	7.66E-5	1.29E-4
	CC12	-0.1442	-0.2102	-0.1252	-4.78E-5	8.04E-5	1.32E-4
	CC13	-0.1459	-0.2295	-0.1249	-5.59E-5	8.04E-5	1.51E-4
	CC14	0.0389	0.4438	-0.1426	1.47E-4	-3.72E-5	-1.02E-4
	CC15	0.0332	0.3800	-0.1418	1.20E-4	-3.71E-5	-4.03E-5
	CC16	-0.0511	0.3954	-0.1380	1.73E-4	1.32E-5	-2.56E-5
	CC17	-0.0568	0.3317	-0.1371	1.46E-4	1.34E-5	3.66E-5
	CC18	0.0605	-0.3671	-0.1317	-2.25E-4	-2.44E-5	-3.18E-5
	CC19	0.0548	-0.4309	-0.1308	-2.52E-4	-2.43E-5	3.04E-5
	CC20	-0.0296	-0.4154	-0.1270	-1.99E-4	2.60E-5	4.51E-5
	CC21	-0.0353	-0.4792	-0.1262	-2.26E-4	2.61E-5	1.07E-4
182	CC1	0.0043	-0.0202	-0.1183	-6.74E-5	-3.28E-6	-5.61E-6
	CC2	0.0043	-0.0202	-0.1183	-6.74E-5	-3.28E-6	-5.61E-6
	CC3	0.0043	-0.0202	-0.1183	-6.74E-5	-3.28E-6	-5.61E-6
	CC4	0.0044	-0.0184	-0.1153	-6.23E-5	-3.62E-6	-5.14E-6
	CC5	0.0044	-0.0184	-0.1153	-6.23E-5	-3.62E-6	-5.14E-6
	CC6	0.1350	0.1940	-0.1118	-5.94E-5	-7.27E-5	-1.53E-4
	CC7	0.1398	0.1747	-0.1100	-6.53E-5	-7.50E-5	-1.34E-4
	CC8	0.1488	-0.0492	-0.0941	-1.33E-4	-7.95E-5	-1.32E-4
	CC9	0.1535	-0.0685	-0.0923	-1.39E-4	-8.19E-5	-1.13E-4
	CC10	-0.1445	0.0330	-0.1364	1.75E-5	7.44E-5	1.03E-4
	CC11	-0.1398	0.0137	-0.1346	1.15E-5	7.21E-5	1.22E-4
	CC12	-0.1308	-0.2103	-0.1186	-5.58E-5	6.76E-5	1.24E-4
	CC13	-0.1260	-0.2295	-0.1169	-6.17E-5	6.52E-5	1.43E-4
	CC14	0.0157	0.4437	-0.1431	5.98E-5	-1.05E-5	-1.10E-4
	CC15	0.0313	0.3799	-0.1373	4.02E-5	-1.83E-5	-4.77E-5
	CC16	-0.0681	0.3954	-0.1505	8.29E-5	3.36E-5	-3.30E-5
	CC17	-0.0525	0.3316	-0.1447	6.32E-5	2.59E-5	2.92E-5
	CC18	0.0615	-0.3671	-0.0840	-1.84E-4	-3.33E-5	-3.92E-5
	CC19	0.0771	-0.4309	-0.0782	-2.04E-4	-4.11E-5	2.30E-5
	CC20	-0.0223	-0.4154	-0.0914	-1.61E-4	1.08E-5	3.77E-5
	CC21	-0.0067	-0.4792	-0.0856	-1.81E-4	3.04E-6	9.99E-5
183	CC1	-0.0041	-0.0157	-0.1713	1.47E-4	7.50E-6	-1.84E-6
	CC2	-0.0041	-0.0157	-0.1713	1.47E-4	7.50E-6	-1.84E-6
	CC3	-0.0041	-0.0157	-0.1713	1.47E-4	7.50E-6	-1.84E-6

	CC4	-0.0037	-0.0142	-0.1638	1.44E-4	5.72E-6	-1.69E-6
	CC5	-0.0037	-0.0142	-0.1638	1.44E-4	5.72E-6	-1.69E-6
	CC6	0.2100	0.2508	-0.1634	3.73E-4	-1.31E-4	-1.50E-4
	CC7	0.1908	0.2248	-0.1645	3.64E-4	-1.23E-4	-1.31E-4
	CC8	0.1965	0.0000	-0.1807	1.80E-4	-1.40E-4	-1.29E-4
	CC9	0.1773	-0.0260	-0.1817	1.70E-4	-1.32E-4	-1.10E-4
	CC10	-0.1843	-0.0014	-0.1409	1.16E-4	1.42E-4	1.06E-4
	CC11	-0.2035	-0.0274	-0.1419	1.06E-4	1.50E-4	1.25E-4
	CC12	-0.1978	-0.2523	-0.1581	-7.73E-5	1.33E-4	1.28E-4
	CC13	-0.2170	-0.2783	-0.1591	-8.67E-5	1.41E-4	1.46E-4
	CC14	0.1100	0.4852	-0.1342	5.19E-4	-3.48E-5	-1.07E-4
	CC15	0.0463	0.3992	-0.1377	4.88E-4	-6.98E-6	-4.43E-5
	CC16	-0.0083	0.4095	-0.1275	4.42E-4	4.70E-5	-2.96E-5
	CC17	-0.0720	0.3235	-0.1309	4.11E-4	7.49E-5	3.25E-5
	CC18	0.0650	-0.3509	-0.1917	-1.24E-4	-6.46E-5	-3.58E-5
	CC19	0.0013	-0.4370	-0.1951	-1.56E-4	-3.68E-5	2.63E-5
	CC20	-0.0533	-0.4266	-0.1849	-2.02E-4	1.72E-5	4.11E-5
	CC21	-0.1170	-0.5127	-0.1883	-2.33E-4	4.51E-5	1.03E-4
184	CC1	-0.0015	-0.0143	-0.1684	-1.19E-4	-1.07E-6	2.81E-6
	CC2	-0.0015	-0.0143	-0.1684	-1.19E-4	-1.07E-6	2.81E-6
	CC3	-0.0015	-0.0143	-0.1684	-1.19E-4	-1.07E-6	2.81E-6
	CC4	-0.0012	-0.0129	-0.1614	-1.12E-4	-1.68E-6	2.82E-6
	CC5	-0.0012	-0.0129	-0.1614	-1.12E-4	-1.68E-6	2.82E-6
	CC6	0.1644	0.2529	-0.1639	-8.10E-5	-8.40E-5	-1.45E-4
	CC7	0.1573	0.2268	-0.1650	-8.35E-5	-8.63E-5	-1.27E-4
	CC8	0.1648	0.0019	-0.1729	-1.05E-4	-9.13E-5	-1.24E-4
	CC9	0.1577	-0.0242	-0.1740	-1.08E-4	-9.37E-5	-1.05E-4
	CC10	-0.1599	-0.0006	-0.1441	-1.12E-4	8.99E-5	1.11E-4
	CC11	-0.1670	-0.0267	-0.1453	-1.14E-4	8.76E-5	1.30E-4
	CC12	-0.1595	-0.2516	-0.1531	-1.36E-4	8.26E-5	1.32E-4
	CC13	-0.1666	-0.2777	-0.1543	-1.38E-4	8.02E-5	1.51E-4
	CC14	0.0587	0.4870	-0.1451	-6.08E-5	-1.19E-5	-1.02E-4
	CC15	0.0351	0.4007	-0.1490	-6.91E-5	-1.96E-5	-3.99E-5
	CC16	-0.0386	0.4110	-0.1391	-7.00E-5	4.03E-5	-2.52E-5
	CC17	-0.0622	0.3246	-0.1430	-7.83E-5	3.26E-5	3.70E-5
	CC18	0.0600	-0.3494	-0.1751	-1.41E-4	-3.64E-5	-3.14E-5
	CC19	0.0364	-0.4358	-0.1790	-1.49E-4	-4.40E-5	3.08E-5
	CC20	-0.0373	-0.4255	-0.1692	-1.50E-4	1.58E-5	4.55E-5
	CC21	-0.0609	-0.5118	-0.1730	-1.59E-4	8.13E-6	1.08E-4
185	CC1	0.0003	-0.0138	-0.1331	-4.57E-5	4.86E-6	8.02E-6
	CC2	0.0003	-0.0138	-0.1331	-4.57E-5	4.86E-6	8.02E-6
	CC3	0.0003	-0.0138	-0.1331	-4.57E-5	4.86E-6	8.02E-6
	CC4	0.0006	-0.0124	-0.1289	-4.07E-5	4.10E-6	7.90E-6
	CC5	0.0006	-0.0124	-0.1289	-4.07E-5	4.10E-6	7.90E-6
	CC6	0.1484	0.2464	-0.1325	4.82E-5	-1.08E-4	-1.40E-4
	CC7	0.1467	0.2212	-0.1329	4.31E-5	-1.13E-4	-1.21E-4
	CC8	0.1549	-0.0035	-0.1350	-1.99E-5	-1.17E-4	-1.19E-4
	CC9	0.1531	-0.0288	-0.1354	-2.50E-5	-1.22E-4	-1.00E-4
	CC10	-0.1518	0.0049	-0.1195	-5.30E-5	1.30E-4	1.16E-4
	CC11	-0.1535	-0.0204	-0.1199	-5.81E-5	1.25E-4	1.35E-4
	CC12	-0.1454	-0.2451	-0.1220	-1.21E-4	1.21E-4	1.37E-4
	CC13	-0.1471	-0.2703	-0.1224	-1.26E-4	1.16E-4	1.56E-4
	CC14	0.0377	0.4826	-0.1245	9.82E-5	-9.00E-6	-9.70E-5
	CC15	0.0320	0.3991	-0.1259	8.13E-5	-2.53E-5	-3.48E-5
	CC16	-0.0523	0.4101	-0.1206	6.78E-5	6.24E-5	-2.01E-5
	CC17	-0.0580	0.3267	-0.1220	5.09E-5	4.61E-5	4.20E-5
	CC18	0.0593	-0.3506	-0.1329	-1.29E-4	-3.84E-5	-2.63E-5
	CC19	0.0536	-0.4340	-0.1343	-1.46E-4	-5.47E-5	3.59E-5
	CC20	-0.0307	-0.4230	-0.1290	-1.59E-4	3.30E-5	5.06E-5
	CC21	-0.0364	-0.5065	-0.1304	-1.76E-4	1.67E-5	1.13E-4
186	CC1	0.0043	-0.0143	-0.1203	-3.94E-5	-1.64E-5	-1.51E-5
	CC2	0.0043	-0.0143	-0.1203	-3.94E-5	-1.64E-5	-1.51E-5
	CC3	0.0043	-0.0143	-0.1203	-3.94E-5	-1.64E-5	-1.51E-5
	CC4	0.0045	-0.0129	-0.1174	-3.62E-5	-1.65E-5	-1.38E-5
	CC5	0.0045	-0.0129	-0.1174	-3.62E-5	-1.65E-5	-1.38E-5
	CC6	0.1351	0.2522	-0.1562	6.59E-5	-1.09E-4	-1.62E-4
	CC7	0.1399	0.2262	-0.1558	5.90E-5	-1.11E-4	-1.43E-4
	CC8	0.1489	0.0014	-0.1420	-1.90E-5	-1.07E-4	-1.40E-4
	CC9	0.1536	-0.0246	-0.1415	-2.59E-5	-1.09E-4	-1.22E-4
	CC10	-0.1444	-0.0002	-0.0914	-4.45E-5	7.60E-5	9.47E-5
	CC11	-0.1397	-0.0262	-0.0909	-5.14E-5	7.38E-5	1.13E-4
	CC12	-0.1307	-0.2510	-0.0771	-1.29E-4	7.79E-5	1.16E-4

	CC13	-0.1259	-0.2770	-0.0766	-1.36E-4	7.57E-5	1.35E-4
	CC14	0.0158	0.4866	-0.1507	1.34E-4	-4.37E-5	-1.18E-4
	CC15	0.0314	0.4005	-0.1491	1.11E-4	-5.10E-5	-5.61E-5
	CC16	-0.0680	0.4109	-0.1312	1.01E-4	1.17E-5	-4.14E-5
	CC17	-0.0524	0.3248	-0.1297	7.83E-5	4.43E-6	2.07E-5
	CC18	0.0616	-0.3496	-0.1032	-1.49E-4	-3.74E-5	-4.76E-5
	CC19	0.0772	-0.4357	-0.1017	-1.71E-4	-4.47E-5	1.46E-5
	CC20	-0.0222	-0.4253	-0.0837	-1.82E-4	1.80E-5	2.93E-5
	CC21	-0.0066	-0.5114	-0.0822	-2.05E-4	1.07E-5	9.14E-5
187	CC1	-0.0012	-0.0089	-0.1227	8.58E-6	4.46E-5	8.81E-6
	CC2	-0.0012	-0.0089	-0.1227	8.58E-6	4.46E-5	8.81E-6
	CC3	-0.0012	-0.0089	-0.1227	8.58E-6	4.46E-5	8.81E-6
	CC4	-0.0008	-0.0079	-0.1196	9.55E-6	4.14E-5	8.83E-6
	CC5	-0.0008	-0.0079	-0.1196	9.55E-6	4.14E-5	8.83E-6
	CC6	0.1470	0.2972	-0.1386	1.78E-4	-5.86E-5	-1.39E-4
	CC7	0.1453	0.2661	-0.1365	1.63E-4	-5.20E-5	-1.20E-4
	CC8	0.1535	0.0406	-0.1222	3.10E-5	-1.75E-5	-1.18E-4
	CC9	0.1518	0.0094	-0.1201	1.51E-5	-1.09E-5	-9.93E-5
	CC10	-0.1532	-0.0247	-0.1169	4.69E-6	9.16E-5	1.17E-4
	CC11	-0.1549	-0.0558	-0.1148	-1.12E-5	9.82E-5	1.36E-4
	CC12	-0.1467	-0.2813	-0.1005	-1.43E-4	1.33E-4	1.38E-4
	CC13	-0.1484	-0.3124	-0.0984	-1.59E-4	1.39E-4	1.57E-4
	CC14	0.0364	0.5198	-0.1526	3.08E-4	-6.17E-5	-9.60E-5
	CC15	0.0307	0.4169	-0.1457	2.55E-4	-3.98E-5	-3.39E-5
	CC16	-0.0537	0.4233	-0.1461	2.56E-4	-1.66E-5	-1.92E-5
	CC17	-0.0594	0.3203	-0.1392	2.03E-4	5.22E-6	4.30E-5
	CC18	0.0580	-0.3355	-0.0978	-1.84E-4	7.54E-5	-2.53E-5
	CC19	0.0523	-0.4385	-0.0910	-2.36E-4	9.73E-5	3.68E-5
	CC20	-0.0321	-0.4321	-0.0913	-2.36E-4	1.20E-4	5.15E-5
	CC21	-0.0378	-0.5350	-0.0845	-2.88E-4	1.42E-4	1.14E-4
188	CC1	0.0041	-0.0091	-0.1242	-1.51E-5	8.44E-6	-5.17E-6
	CC2	0.0041	-0.0091	-0.1242	-1.51E-5	8.44E-6	-5.17E-6
	CC3	0.0041	-0.0091	-0.1242	-1.51E-5	8.44E-6	-5.17E-6
	CC4	0.0043	-0.0080	-0.1214	-1.37E-5	7.48E-6	-4.42E-6
	CC5	0.0043	-0.0080	-0.1214	-1.37E-5	7.48E-6	-4.42E-6
	CC6	0.1349	0.2971	-0.1605	4.90E-5	5.66E-5	-1.52E-4
	CC7	0.1396	0.2660	-0.1581	5.03E-5	6.61E-5	-1.34E-4
	CC8	0.1486	0.0405	-0.1352	3.98E-5	1.07E-4	-1.31E-4
	CC9	0.1534	0.0093	-0.1327	4.11E-5	1.16E-4	-1.12E-4
	CC10	-0.1446	-0.0248	-0.1081	-6.76E-5	-1.02E-4	1.04E-4
	CC11	-0.1399	-0.0559	-0.1056	-6.62E-5	-9.23E-5	1.23E-4
	CC12	-0.1309	-0.2814	-0.0828	-7.68E-5	-5.18E-5	1.25E-4
	CC13	-0.1262	-0.3125	-0.0803	-7.55E-5	-4.22E-5	1.44E-4
	CC14	0.0156	0.5197	-0.1746	1.74E-5	-6.83E-5	-1.09E-4
	CC15	0.0312	0.4168	-0.1664	2.18E-5	-3.68E-5	-4.69E-5
	CC16	-0.0683	0.4232	-0.1589	-1.76E-5	-1.16E-4	-3.22E-5
	CC17	-0.0527	0.3202	-0.1507	-1.32E-5	-8.43E-5	3.00E-5
	CC18	0.0614	-0.3356	-0.0902	-1.33E-5	9.86E-5	-3.83E-5
	CC19	0.0770	-0.4386	-0.0820	-8.92E-6	1.30E-4	2.38E-5
	CC20	-0.0225	-0.4322	-0.0745	-4.83E-5	5.11E-5	3.85E-5
	CC21	-0.0069	-0.5351	-0.0663	-4.39E-5	8.26E-5	1.01E-4
189	CC1	-0.0038	-0.0099	-0.1368	1.71E-5	5.06E-5	3.80E-6
	CC2	-0.0038	-0.0099	-0.1368	1.71E-5	5.06E-5	3.80E-6
	CC3	-0.0038	-0.0099	-0.1368	1.71E-5	5.06E-5	3.80E-6
	CC4	-0.0034	-0.0090	-0.1326	1.83E-5	4.64E-5	3.59E-6
	CC5	-0.0034	-0.0090	-0.1326	1.83E-5	4.64E-5	3.59E-6
	CC6	0.2103	0.3201	-0.1396	-5.56E-5	-1.15E-4	-1.45E-4
	CC7	0.1911	0.2860	-0.1428	-8.93E-5	-1.04E-4	-1.26E-4
	CC8	0.1968	0.0601	-0.1724	-2.63E-4	-1.23E-4	-1.23E-4
	CC9	0.1776	0.0259	-0.1757	-2.97E-4	-1.12E-4	-1.05E-4
	CC10	-0.1840	-0.0432	-0.0868	3.34E-4	2.02E-4	1.12E-4
	CC11	-0.2033	-0.0773	-0.0901	3.01E-4	2.13E-4	1.30E-4
	CC12	-0.1975	-0.3032	-0.1197	1.27E-4	1.94E-4	1.33E-4
	CC13	-0.2168	-0.3374	-0.1229	9.31E-5	2.05E-4	1.52E-4
	CC14	0.1103	0.5358	-0.0790	3.62E-4	-6.96E-6	-1.01E-4
	CC15	0.0466	0.4227	-0.0898	2.51E-4	2.82E-5	-3.92E-5
	CC16	-0.0080	0.4268	-0.0632	4.79E-4	8.82E-5	-2.45E-5
	CC17	-0.0717	0.3137	-0.0739	3.68E-4	1.23E-4	3.77E-5
	CC18	0.0653	-0.3310	-0.1886	-3.30E-4	-3.33E-5	-3.07E-5
	CC19	0.0016	-0.4441	-0.1993	-4.42E-4	1.88E-6	3.15E-5
	CC20	-0.0530	-0.4400	-0.1727	-2.13E-4	6.18E-5	4.62E-5
	CC21	-0.1167	-0.5531	-0.1835	-3.25E-4	9.70E-5	1.08E-4

190	CC1	-0.0026	-0.0098	-0.1186	-2.65E-5	1.58E-5	1.14E-6
	CC2	-0.0026	-0.0098	-0.1186	-2.65E-5	1.58E-5	1.14E-6
	CC3	-0.0026	-0.0098	-0.1186	-2.65E-5	1.58E-5	1.14E-6
	CC4	-0.0022	-0.0088	-0.1157	-2.49E-5	1.48E-5	1.18E-6
	CC5	-0.0022	-0.0088	-0.1157	-2.49E-5	1.48E-5	1.18E-6
	CC6	0.1632	0.3203	-0.1241	1.77E-4	-1.17E-4	-1.47E-4
	CC7	0.1562	0.2861	-0.1281	1.57E-4	-1.17E-4	-1.28E-4
	CC8	0.1637	0.0602	-0.1540	2.10E-5	-1.28E-4	-1.26E-4
	CC9	0.1566	0.0261	-0.1580	6.65E-7	-1.28E-4	-1.07E-4
	CC10	-0.1608	-0.0431	-0.0715	-4.94E-5	1.56E-4	1.09E-4
	CC11	-0.1678	-0.0772	-0.0756	-6.97E-5	1.57E-4	1.28E-4
	CC12	-0.1603	-0.3031	-0.1014	-2.06E-4	1.46E-4	1.31E-4
	CC13	-0.1674	-0.3372	-0.1055	-2.26E-4	1.46E-4	1.49E-4
	CC14	0.0574	0.5359	-0.0661	3.04E-4	-8.89E-6	-1.04E-4
	CC15	0.0340	0.4229	-0.0795	2.37E-4	-8.39E-6	-4.15E-5
	CC16	-0.0398	0.4269	-0.0503	2.36E-4	7.31E-5	-2.68E-5
	CC17	-0.0632	0.3139	-0.0638	1.69E-4	7.36E-5	3.54E-5
	CC18	0.0590	-0.3309	-0.1658	-2.17E-4	-4.48E-5	-3.30E-5
	CC19	0.0356	-0.4439	-0.1792	-2.85E-4	-4.43E-5	2.92E-5
	CC20	-0.0382	-0.4399	-0.1500	-2.85E-4	3.72E-5	4.39E-5
	CC21	-0.0616	-0.5529	-0.1634	-3.53E-4	3.77E-5	1.06E-4
191	CC1	-0.0020	-0.0097	-0.1148	-2.07E-6	2.01E-5	5.52E-6
	CC2	-0.0020	-0.0097	-0.1148	-2.07E-6	2.01E-5	5.52E-6
	CC3	-0.0020	-0.0097	-0.1148	-2.07E-6	2.01E-5	5.52E-6
	CC4	-0.0016	-0.0087	-0.1122	-1.07E-6	1.86E-5	5.55E-6
	CC5	-0.0016	-0.0087	-0.1122	-1.07E-6	1.86E-5	5.55E-6
	CC6	0.1463	0.3203	-0.1441	1.99E-4	-1.05E-4	-1.43E-4
	CC7	0.1446	0.2862	-0.1410	1.79E-4	-1.05E-4	-1.24E-4
	CC8	0.1527	0.0603	-0.1206	4.01E-5	-9.29E-5	-1.21E-4
	CC9	0.1510	0.0262	-0.1175	2.01E-5	-9.27E-5	-1.03E-4
	CC10	-0.1539	-0.0430	-0.1052	-2.16E-5	1.29E-4	1.14E-4
	CC11	-0.1557	-0.0771	-0.1022	-4.15E-5	1.29E-4	1.32E-4
	CC12	-0.1475	-0.3030	-0.0818	-1.80E-4	1.41E-4	1.35E-4
	CC13	-0.1492	-0.3372	-0.0787	-2.00E-4	1.42E-4	1.54E-4
	CC14	0.0356	0.5360	-0.1614	3.30E-4	-3.83E-5	-9.93E-5
	CC15	0.0299	0.4230	-0.1512	2.64E-4	-3.74E-5	-3.71E-5
	CC16	-0.0544	0.4270	-0.1498	2.64E-4	3.20E-5	-2.24E-5
	CC17	-0.0601	0.3140	-0.1395	1.98E-4	3.29E-5	3.97E-5
	CC18	0.0572	-0.3308	-0.0832	-1.99E-4	3.28E-6	-2.86E-5
	CC19	0.0515	-0.4438	-0.0730	-2.65E-4	4.22E-6	3.35E-5
	CC20	-0.0328	-0.4398	-0.0716	-2.65E-4	7.36E-5	4.82E-5
	CC21	-0.0385	-0.5528	-0.0613	-3.31E-4	7.45E-5	1.10E-4
192	CC1	0.0039	-0.0097	-0.1175	-5.48E-6	1.00E-5	1.76E-5
	CC2	0.0039	-0.0097	-0.1175	-5.48E-6	1.00E-5	1.76E-5
	CC3	0.0039	-0.0097	-0.1175	-5.48E-6	1.00E-5	1.76E-5
	CC4	0.0041	-0.0087	-0.1150	-5.21E-6	9.15E-6	1.71E-5
	CC5	0.0041	-0.0087	-0.1150	-5.21E-6	9.15E-6	1.71E-5
	CC6	0.1347	0.3203	-0.1558	2.20E-5	-9.63E-5	-1.31E-4
	CC7	0.1394	0.2862	-0.1526	2.26E-5	-1.01E-4	-1.12E-4
	CC8	0.1484	0.0603	-0.1264	8.07E-6	-1.02E-4	-1.10E-4
	CC9	0.1531	0.0261	-0.1232	8.63E-6	-1.06E-4	-9.12E-5
	CC10	-0.1448	-0.0430	-0.1051	-1.89E-5	1.24E-4	1.25E-4
	CC11	-0.1401	-0.0771	-0.1019	-1.83E-5	1.19E-4	1.44E-4
	CC12	-0.1311	-0.3030	-0.0757	-3.28E-5	1.19E-4	1.46E-4
	CC13	-0.1264	-0.3372	-0.0725	-3.22E-5	1.14E-4	1.65E-4
	CC14	0.0154	0.5360	-0.1761	2.33E-5	-7.56E-6	-8.79E-5
	CC15	0.0310	0.4230	-0.1654	2.52E-5	-2.30E-5	-2.58E-5
	CC16	-0.0685	0.4270	-0.1608	1.11E-5	5.85E-5	-1.11E-5
	CC17	-0.0529	0.3140	-0.1502	1.29E-5	4.31E-5	5.11E-5
	CC18	0.0612	-0.3308	-0.0781	-2.31E-5	-2.53E-5	-1.72E-5
	CC19	0.0768	-0.4438	-0.0675	-2.13E-5	-4.08E-5	4.49E-5
	CC20	-0.0227	-0.4398	-0.0629	-3.54E-5	4.08E-5	5.96E-5
	CC21	-0.0071	-0.5528	-0.0522	-3.36E-5	2.53E-5	1.22E-4
193	CC1	0.0069	-0.0209	-0.0930	-3.02E-5	-1.85E-5	1.34E-5
	CC2	0.0069	-0.0209	-0.0930	-3.02E-5	-1.85E-5	1.34E-5
	CC3	0.0069	-0.0209	-0.0930	-3.02E-5	-1.85E-5	1.34E-5
	CC4	0.0064	-0.0197	-0.0903	-2.85E-5	-1.69E-5	1.17E-5
	CC5	0.0064	-0.0197	-0.0903	-2.85E-5	-1.69E-5	1.17E-5
	CC6	0.1377	0.0250	-0.0732	1.77E-5	-1.82E-4	-1.37E-4
	CC7	0.1420	0.0269	-0.0724	2.13E-5	-1.88E-4	-1.18E-4
	CC8	0.1510	-0.1943	-0.0345	-2.17E-4	-1.68E-4	-1.16E-4
	CC9	0.1553	-0.1924	-0.0338	-2.13E-4	-1.74E-4	-9.69E-5

	CC10	-0.1428	0.1539	-0.1452	1.57E-4	1.41E-4	1.19E-4
	CC11	-0.1384	0.1558	-0.1444	1.61E-4	1.35E-4	1.38E-4
	CC12	-0.1295	-0.0654	-0.1065	-7.73E-5	1.55E-4	1.41E-4
	CC13	-0.1251	-0.0635	-0.1057	-7.37E-5	1.49E-4	1.59E-4
	CC14	0.0190	0.3238	-0.1444	3.36E-4	-7.81E-5	-9.37E-5
	CC15	0.0333	0.3301	-0.1418	3.48E-4	-9.80E-5	-3.15E-5
	CC16	-0.0651	0.3624	-0.1660	3.77E-4	1.86E-5	-1.68E-5
	CC17	-0.0508	0.3688	-0.1634	3.89E-4	-1.32E-6	4.54E-5
	CC18	0.0634	-0.4073	-0.0156	-4.45E-4	-3.15E-5	-2.30E-5
	CC19	0.0777	-0.4009	-0.0130	-4.33E-4	-5.14E-5	3.92E-5
	CC20	-0.0208	-0.3686	-0.0371	-4.04E-4	6.52E-5	5.39E-5
	CC21	-0.0064	-0.3622	-0.0345	-3.92E-4	4.53E-5	1.16E-4
194	CC1	0.0055	-0.0224	-0.0975	-1.07E-4	-8.09E-5	5.74E-6
	CC2	0.0055	-0.0224	-0.0975	-1.07E-4	-8.09E-5	5.74E-6
	CC3	0.0055	-0.0224	-0.0975	-1.07E-4	-8.09E-5	5.74E-6
	CC4	0.0056	-0.0208	-0.0946	-1.01E-4	-7.56E-5	5.66E-6
	CC5	0.0056	-0.0208	-0.0946	-1.01E-4	-7.56E-5	5.66E-6
	CC6	0.1370	0.0762	-0.0837	-7.03E-5	-1.74E-4	-1.42E-4
	CC7	0.1414	0.0715	-0.0827	-7.29E-5	-1.76E-4	-1.24E-4
	CC8	0.1503	-0.1506	-0.0685	-2.05E-4	-9.17E-5	-1.21E-4
	CC9	0.1547	-0.1553	-0.0675	-2.08E-4	-9.42E-5	-1.03E-4
	CC10	-0.1434	0.1147	-0.1198	1.05E-5	-5.34E-5	1.14E-4
	CC11	-0.1391	0.1100	-0.1188	7.88E-6	-5.59E-5	1.33E-4
	CC12	-0.1301	-0.1121	-0.1046	-1.24E-4	2.87E-5	1.35E-4
	CC13	-0.1258	-0.1168	-0.1037	-1.27E-4	2.62E-5	1.54E-4
	CC14	0.0183	0.3598	-0.1151	1.18E-4	-2.25E-4	-9.92E-5
	CC15	0.0327	0.3442	-0.1119	1.10E-4	-2.33E-4	-3.71E-5
	CC16	-0.0658	0.3713	-0.1260	1.43E-4	-1.88E-4	-2.24E-5
	CC17	-0.0515	0.3557	-0.1227	1.34E-4	-1.97E-4	3.98E-5
	CC18	0.0627	-0.3963	-0.0646	-3.31E-4	4.91E-5	-2.86E-5
	CC19	0.0770	-0.4119	-0.0614	-3.40E-4	4.09E-5	3.36E-5
	CC20	-0.0214	-0.3847	-0.0754	-3.07E-4	8.53E-5	4.83E-5
	CC21	-0.0071	-0.4003	-0.0722	-3.16E-4	7.70E-5	1.10E-4
195	CC1	0.0071	-0.0148	-0.0896	-1.97E-5	-1.88E-5	3.30E-6
	CC2	0.0071	-0.0148	-0.0896	-1.97E-5	-1.88E-5	3.30E-6
	CC3	0.0071	-0.0148	-0.0896	-1.97E-5	-1.88E-5	3.30E-6
	CC4	0.0067	-0.0138	-0.0877	-1.86E-5	-1.77E-5	3.13E-6
	CC5	0.0067	-0.0138	-0.0877	-1.86E-5	-1.77E-5	3.13E-6
	CC6	0.1554	-0.3202	-0.0363	-3.35E-4	-1.64E-4	-1.45E-4
	CC7	0.1533	-0.2737	-0.0440	-2.85E-4	-1.63E-4	-1.26E-4
	CC8	0.1614	-0.4893	-0.0075	-5.28E-4	-1.70E-4	-1.24E-4
	CC9	0.1594	-0.4428	-0.0152	-4.78E-4	-1.69E-4	-1.05E-4
	CC10	-0.1463	0.4158	-0.1589	4.42E-4	1.34E-4	1.11E-4
	CC11	-0.1484	0.4622	-0.1665	4.91E-4	1.36E-4	1.30E-4
	CC12	-0.1403	0.2467	-0.1301	2.49E-4	1.28E-4	1.32E-4
	CC13	-0.1423	0.2931	-0.1377	2.98E-4	1.30E-4	1.51E-4
	CC14	0.0452	0.0811	-0.1039	1.05E-4	-5.50E-5	-1.02E-4
	CC15	0.0382	0.2347	-0.1293	2.69E-4	-4.99E-5	-3.96E-5
	CC16	-0.0453	0.3019	-0.1407	3.38E-4	3.45E-5	-2.49E-5
	CC17	-0.0523	0.4555	-0.1661	5.02E-4	3.97E-5	3.72E-5
	CC18	0.0653	-0.4826	-0.0079	-5.38E-4	-7.43E-5	-3.11E-5
	CC19	0.0584	-0.3289	-0.0333	-3.75E-4	-6.92E-5	3.11E-5
	CC20	-0.0252	-0.2618	-0.0447	-3.05E-4	1.52E-5	4.58E-5
	CC21	-0.0321	-0.1081	-0.0701	-1.42E-4	2.04E-5	1.08E-4
196	CC1	0.0092	-0.0148	-0.0953	-2.15E-5	-2.86E-5	1.18E-6
	CC2	0.0092	-0.0148	-0.0953	-2.15E-5	-2.86E-5	1.18E-6
	CC3	0.0092	-0.0148	-0.0953	-2.15E-5	-2.86E-5	1.18E-6
	CC4	0.0086	-0.0139	-0.0930	-2.03E-5	-2.67E-5	1.10E-6
	CC5	0.0086	-0.0139	-0.0930	-2.03E-5	-2.67E-5	1.10E-6
	CC6	0.1751	-0.3202	-0.0371	-3.30E-4	-1.95E-4	-1.47E-4
	CC7	0.1675	-0.2738	-0.0318	-2.82E-4	-1.87E-4	-1.28E-4
	CC8	0.1753	-0.4893	-0.0612	-5.19E-4	-1.98E-4	-1.26E-4
	CC9	0.1678	-0.4429	-0.0559	-4.71E-4	-1.91E-4	-1.07E-4
	CC10	-0.1512	0.4157	-0.1286	4.31E-4	1.39E-4	1.09E-4
	CC11	-0.1587	0.4621	-0.1232	4.79E-4	1.46E-4	1.28E-4
	CC12	-0.1509	0.2466	-0.1527	2.42E-4	1.35E-4	1.30E-4
	CC13	-0.1584	0.2930	-0.1473	2.90E-4	1.43E-4	1.49E-4
	CC14	0.0692	0.0810	-0.0472	1.01E-4	-8.20E-5	-1.04E-4
	CC15	0.0444	0.2347	-0.0294	2.61E-4	-5.78E-5	-4.16E-5
	CC16	-0.0287	0.3018	-0.0747	3.29E-4	1.81E-5	-2.69E-5
	CC17	-0.0535	0.4554	-0.0569	4.89E-4	4.23E-5	3.53E-5
	CC18	0.0702	-0.4826	-0.1276	-5.29E-4	-9.44E-5	-3.31E-5

	CC19	0.0453	-0.3290	-0.1098	-3.69E-4	-7.02E-5	2.91E-5
	CC20	-0.0277	-0.2619	-0.1550	-3.01E-4	5.73E-6	4.38E-5
	CC21	-0.0525	-0.1082	-0.1372	-1.40E-4	2.99E-5	1.06E-4
197	CC1	-0.0022	-0.0097	-0.1112	-1.02E-5	1.53E-5	-2.12E-6
	CC2	-0.0022	-0.0097	-0.1112	-1.02E-5	1.53E-5	-2.12E-6
	CC3	-0.0022	-0.0097	-0.1112	-1.02E-5	1.53E-5	-2.12E-6
	CC4	-0.0018	-0.0088	-0.1088	-9.12E-6	1.44E-5	-1.70E-6
	CC5	-0.0018	-0.0088	-0.1088	-9.12E-6	1.44E-5	-1.70E-6
	CC6	0.1472	0.3484	-0.1692	3.43E-4	-1.47E-4	-1.50E-4
	CC7	0.1451	0.3107	-0.1651	3.07E-4	-1.41E-4	-1.31E-4
	CC8	0.1532	0.0843	-0.1435	7.70E-5	-1.24E-4	-1.28E-4
	CC9	0.1511	0.0466	-0.1394	4.17E-5	-1.19E-4	-1.10E-4
	CC10	-0.1545	-0.0637	-0.0766	-5.92E-5	1.47E-4	1.07E-4
	CC11	-0.1566	-0.1014	-0.0725	-9.45E-5	1.52E-4	1.25E-4
	CC12	-0.1485	-0.3277	-0.0510	-3.25E-4	1.69E-4	1.28E-4
	CC13	-0.1506	-0.3655	-0.0469	-3.60E-4	1.75E-4	1.47E-4
	CC14	0.0370	0.5558	-0.1714	5.53E-4	-7.76E-5	-1.06E-4
	CC15	0.0300	0.4310	-0.1579	4.36E-4	-5.84E-5	-4.42E-5
	CC16	-0.0535	0.4322	-0.1436	4.32E-4	1.05E-5	-2.95E-5
	CC17	-0.0605	0.3073	-0.1301	3.15E-4	2.98E-5	3.26E-5
	CC18	0.0571	-0.3244	-0.0859	-3.33E-4	-1.64E-6	-3.57E-5
	CC19	0.0502	-0.4493	-0.0724	-4.50E-4	1.76E-5	2.64E-5
	CC20	-0.0334	-0.4480	-0.0581	-4.54E-4	8.65E-5	4.11E-5
	CC21	-0.0403	-0.5729	-0.0447	-5.70E-4	1.06E-4	1.03E-4
198	CC1	-0.0030	-0.0100	-0.1150	-1.45E-5	1.72E-5	3.13E-6
	CC2	-0.0030	-0.0100	-0.1150	-1.45E-5	1.72E-5	3.13E-6
	CC3	-0.0030	-0.0100	-0.1150	-1.45E-5	1.72E-5	3.13E-6
	CC4	-0.0026	-0.0091	-0.1122	-1.32E-5	1.63E-5	3.45E-6
	CC5	-0.0026	-0.0091	-0.1122	-1.32E-5	1.63E-5	3.45E-6
	CC6	0.1641	0.3452	-0.1250	3.45E-4	-1.31E-4	-1.45E-4
	CC7	0.1566	0.3078	-0.1298	3.09E-4	-1.28E-4	-1.26E-4
	CC8	0.1643	0.0815	-0.1677	7.59E-5	-1.56E-4	-1.23E-4
	CC9	0.1568	0.0442	-0.1725	4.00E-5	-1.53E-4	-1.05E-4
	CC10	-0.1618	-0.0617	-0.0501	-6.55E-5	1.85E-4	1.12E-4
	CC11	-0.1693	-0.0991	-0.0549	-1.01E-4	1.88E-4	1.30E-4
	CC12	-0.1616	-0.3254	-0.0928	-3.34E-4	1.60E-4	1.33E-4
	CC13	-0.1690	-0.3627	-0.0977	-3.70E-4	1.63E-4	1.52E-4
	CC14	0.0583	0.5535	-0.0433	5.56E-4	6.85E-6	-1.01E-4
	CC15	0.0337	0.4299	-0.0593	4.37E-4	1.45E-5	-3.91E-5
	CC16	-0.0394	0.4314	-0.0209	4.33E-4	1.02E-4	-2.44E-5
	CC17	-0.0641	0.3078	-0.0368	3.14E-4	1.09E-4	3.77E-5
	CC18	0.0591	-0.3253	-0.1858	-3.40E-4	-7.74E-5	-3.06E-5
	CC19	0.0345	-0.4490	-0.2018	-4.59E-4	-6.97E-5	3.15E-5
	CC20	-0.0387	-0.4474	-0.1634	-4.63E-4	1.74E-5	4.62E-5
	CC21	-0.0633	-0.5710	-0.1793	-5.82E-4	2.51E-5	1.08E-4
199	CC1	-0.0024	-0.0099	-0.1130	-1.76E-6	1.31E-5	4.97E-6
	CC2	-0.0024	-0.0099	-0.1130	-1.76E-6	1.31E-5	4.97E-6
	CC3	-0.0024	-0.0099	-0.1130	-1.76E-6	1.31E-5	4.97E-6
	CC4	-0.0020	-0.0090	-0.1104	-5.90E-7	1.23E-5	4.77E-6
	CC5	-0.0020	-0.0090	-0.1104	-5.90E-7	1.23E-5	4.77E-6
	CC6	0.1562	0.3457	-0.1405	3.15E-4	-1.36E-4	-1.43E-4
	CC7	0.1513	0.3083	-0.1412	2.84E-4	-1.31E-4	-1.25E-4
	CC8	0.1590	0.0820	-0.1520	6.81E-5	-1.40E-4	-1.22E-4
	CC9	0.1541	0.0446	-0.1527	3.67E-5	-1.35E-4	-1.03E-4
	CC10	-0.1578	-0.0619	-0.0664	-3.71E-5	1.59E-4	1.13E-4
	CC11	-0.1628	-0.0993	-0.0671	-6.85E-5	1.64E-4	1.32E-4
	CC12	-0.1550	-0.3256	-0.0780	-2.84E-4	1.55E-4	1.34E-4
	CC13	-0.1600	-0.3630	-0.0787	-3.16E-4	1.60E-4	1.53E-4
	CC14	0.0488	0.5539	-0.1003	5.16E-4	-3.33E-5	-1.00E-4
	CC15	0.0323	0.4301	-0.1026	4.13E-4	-1.75E-5	-3.80E-5
	CC16	-0.0454	0.4316	-0.0781	4.11E-4	5.51E-5	-2.33E-5
	CC17	-0.0619	0.3078	-0.0804	3.07E-4	7.09E-5	3.89E-5
	CC18	0.0581	-0.3251	-0.1388	-3.07E-4	-4.68E-5	-2.95E-5
	CC19	0.0417	-0.4489	-0.1411	-4.11E-4	-3.09E-5	3.27E-5
	CC20	-0.0361	-0.4474	-0.1166	-4.13E-4	4.16E-5	4.74E-5
	CC21	-0.0525	-0.5712	-0.1189	-5.17E-4	5.75E-5	1.10E-4
200	CC1	-0.0021	-0.0098	-0.1118	-1.30E-5	1.48E-5	7.59E-8
	CC2	-0.0021	-0.0098	-0.1118	-1.30E-5	1.48E-5	7.59E-8
	CC3	-0.0021	-0.0098	-0.1118	-1.30E-5	1.48E-5	7.59E-8
	CC4	-0.0018	-0.0089	-0.1094	-1.26E-5	1.40E-5	3.64E-8
	CC5	-0.0018	-0.0089	-0.1094	-1.26E-5	1.40E-5	3.64E-8
	CC6	0.1503	0.3458	-0.1580	2.68E-4	-1.33E-4	-1.48E-4

	CC7	0.1472	0.3084	-0.1557	2.40E-4	-1.30E-4	-1.29E-4
	CC8	0.1553	0.0821	-0.1450	3.98E-5	-1.28E-4	-1.27E-4
	CC9	0.1522	0.0447	-0.1427	1.23E-5	-1.25E-4	-1.08E-4
	CC10	-0.1555	-0.0618	-0.0744	-3.73E-5	1.52E-4	1.08E-4
	CC11	-0.1586	-0.0992	-0.0721	-6.48E-5	1.56E-4	1.27E-4
	CC12	-0.1505	-0.3255	-0.0615	-2.65E-4	1.58E-4	1.29E-4
	CC13	-0.1536	-0.3629	-0.0591	-2.93E-4	1.61E-4	1.48E-4
	CC14	0.0411	0.5540	-0.1466	4.58E-4	-4.31E-5	-1.05E-4
	CC15	0.0309	0.4302	-0.1389	3.67E-4	-3.23E-5	-4.27E-5
	CC16	-0.0506	0.4317	-0.1215	3.67E-4	4.27E-5	-2.80E-5
	CC17	-0.0609	0.3079	-0.1138	2.76E-4	5.35E-5	3.42E-5
	CC18	0.0575	-0.3250	-0.1033	-3.01E-4	-2.61E-5	-3.42E-5
	CC19	0.0473	-0.4488	-0.0956	-3.92E-4	-1.53E-5	2.80E-5
	CC20	-0.0342	-0.4473	-0.0782	-3.92E-4	5.97E-5	4.27E-5
	CC21	-0.0444	-0.5711	-0.0705	-4.83E-4	7.05E-5	1.05E-4
201	CC1	-0.0018	-0.0197	-0.1577	1.24E-4	-4.65E-5	2.20E-6
	CC2	-0.0018	-0.0197	-0.1577	1.24E-4	-4.65E-5	2.20E-6
	CC3	-0.0018	-0.0197	-0.1577	1.24E-4	-4.65E-5	2.20E-6
	CC4	-0.0014	-0.0177	-0.1504	1.23E-4	-4.49E-5	1.81E-6
	CC5	-0.0014	-0.0177	-0.1504	1.23E-4	-4.49E-5	1.81E-6
	CC6	0.2198	0.1481	-0.1378	5.55E-4	-1.93E-4	-1.62E-4
	CC7	0.2001	0.1384	-0.1376	6.02E-4	-1.84E-4	-1.39E-4
	CC8	0.2064	-0.0982	-0.1481	3.52E-4	-2.03E-4	-1.38E-4
	CC9	0.1867	-0.1079	-0.1479	3.99E-4	-1.94E-4	-1.15E-4
	CC10	-0.1893	0.0738	-0.1480	-1.54E-4	1.06E-4	1.18E-4
	CC11	-0.2090	0.0641	-0.1478	-1.07E-4	1.14E-4	1.41E-4
	CC12	-0.2027	-0.1725	-0.1583	-3.57E-4	9.50E-5	1.42E-4
	CC13	-0.2224	-0.1823	-0.1582	-3.10E-4	1.04E-4	1.65E-4
	CC14	0.1150	0.4207	-0.1295	4.90E-4	-8.59E-5	-1.18E-4
	CC15	0.0498	0.3885	-0.1289	6.45E-4	-5.72E-5	-4.24E-5
	CC16	-0.0077	0.3984	-0.1325	2.77E-4	3.50E-6	-3.42E-5
	CC17	-0.0729	0.3662	-0.1320	4.32E-4	3.23E-5	4.16E-5
	CC18	0.0704	-0.4003	-0.1639	-1.87E-4	-1.21E-4	-3.82E-5
	CC19	0.0051	-0.4326	-0.1634	-3.18E-5	-9.23E-5	3.75E-5
	CC20	-0.0524	-0.4226	-0.1670	-4.00E-4	-3.17E-5	4.58E-5
	CC21	-0.1176	-0.4549	-0.1665	-2.45E-4	-2.91E-6	1.22E-4
202	CC1	0.0029	-0.0235	-0.1560	-3.37E-5	-9.88E-6	-9.88E-6
	CC2	0.0029	-0.0235	-0.1560	-3.37E-5	-9.88E-6	-9.88E-6
	CC3	0.0029	-0.0235	-0.1560	-3.37E-5	-9.88E-6	-9.88E-6
	CC4	0.0030	-0.0212	-0.1496	-3.05E-5	-9.35E-6	-9.04E-6
	CC5	0.0030	-0.0212	-0.1496	-3.05E-5	-9.35E-6	-9.04E-6
	CC6	0.1871	0.1448	-0.1609	2.84E-5	-1.06E-4	-1.72E-4
	CC7	0.1822	0.1351	-0.1607	3.51E-5	-1.14E-4	-1.49E-4
	CC8	0.1902	-0.1015	-0.1664	7.28E-7	-1.17E-4	-1.48E-4
	CC9	0.1852	-0.1112	-0.1662	7.41E-6	-1.25E-4	-1.25E-4
	CC10	-0.1790	0.0705	-0.1287	-6.64E-5	1.07E-4	1.08E-4
	CC11	-0.1840	0.0607	-0.1285	-5.97E-5	9.83E-5	1.31E-4
	CC12	-0.1760	-0.1758	-0.1341	-9.41E-5	9.61E-5	1.32E-4
	CC13	-0.1810	-0.1856	-0.1340	-8.74E-5	8.74E-5	1.55E-4
	CC14	0.0611	0.4174	-0.1435	1.99E-5	-8.34E-6	-1.29E-4
	CC15	0.0448	0.3852	-0.1429	4.20E-5	-3.73E-5	-5.29E-5
	CC16	-0.0487	0.3951	-0.1338	-8.58E-6	5.55E-5	-4.46E-5
	CC17	-0.0651	0.3629	-0.1332	1.35E-5	2.66E-5	3.12E-5
	CC18	0.0712	-0.4036	-0.1617	-7.25E-5	-4.49E-5	-4.87E-5
	CC19	0.0549	-0.4359	-0.1610	-5.04E-5	-7.39E-5	2.71E-5
	CC20	-0.0386	-0.4259	-0.1520	-1.01E-4	1.89E-5	3.54E-5
	CC21	-0.0550	-0.4582	-0.1514	-7.88E-5	-1.00E-5	1.11E-4
203	CC1	0.0010	-0.0295	-0.1350	-7.44E-5	-5.33E-5	-6.34E-6
	CC2	0.0010	-0.0295	-0.1350	-7.44E-5	-5.33E-5	-6.34E-6
	CC3	0.0010	-0.0295	-0.1350	-7.44E-5	-5.33E-5	-6.34E-6
	CC4	0.0015	-0.0266	-0.1303	-6.88E-5	-5.00E-5	-5.05E-6
	CC5	0.0015	-0.0266	-0.1303	-6.88E-5	-5.00E-5	-5.05E-6
	CC6	0.1740	0.1395	-0.1380	-3.79E-5	-7.72E-5	-1.68E-4
	CC7	0.1757	0.1297	-0.1383	-3.78E-5	-8.33E-5	-1.45E-4
	CC8	0.1837	-0.1068	-0.1406	-6.71E-5	-8.14E-5	-1.44E-4
	CC9	0.1854	-0.1166	-0.1409	-6.70E-5	-8.74E-5	-1.21E-4
	CC10	-0.1821	0.0652	-0.1166	-6.68E-5	-1.03E-5	1.12E-4
	CC11	-0.1804	0.0554	-0.1169	-6.67E-5	-1.63E-5	1.35E-4
	CC12	-0.1724	-0.1812	-0.1191	-9.60E-5	-1.45E-5	1.36E-4
	CC13	-0.1708	-0.1909	-0.1194	-9.59E-5	-2.05E-5	1.59E-4
	CC14	0.0362	0.4121	-0.1271	-1.42E-5	-4.20E-5	-1.25E-4
	CC15	0.0417	0.3798	-0.1281	-1.37E-5	-6.19E-5	-4.87E-5

	CC16	-0.0707	0.3898	-0.1207	-2.29E-5	-2.19E-5	-4.05E-5
	CC17	-0.0652	0.3575	-0.1217	-2.23E-5	-4.18E-5	3.53E-5
	CC18	0.0684	-0.4090	-0.1357	-1.11E-4	-5.60E-5	-4.46E-5
	CC19	0.0739	-0.4412	-0.1368	-1.11E-4	-7.58E-5	3.12E-5
	CC20	-0.0384	-0.4313	-0.1293	-1.20E-4	-3.59E-5	3.95E-5
	CC21	-0.0329	-0.4635	-0.1303	-1.20E-4	-5.57E-5	1.15E-4
204	CC1	0.0099	-0.0374	-0.1053	-8.53E-5	-3.07E-5	3.62E-6
	CC2	0.0099	-0.0374	-0.1053	-8.53E-5	-3.07E-5	3.62E-6
	CC3	0.0099	-0.0374	-0.1053	-8.53E-5	-3.07E-5	3.62E-6
	CC4	0.0102	-0.0340	-0.1025	-8.03E-5	-3.03E-5	3.74E-6
	CC5	0.0102	-0.0340	-0.1025	-8.03E-5	-3.03E-5	3.74E-6
	CC6	0.1726	0.1260	-0.1277	-2.11E-5	-6.60E-5	-1.60E-4
	CC7	0.1821	0.1172	-0.1278	-1.96E-5	-7.58E-5	-1.37E-4
	CC8	0.1905	-0.1194	-0.1147	-6.09E-5	-7.44E-5	-1.36E-4
	CC9	0.2000	-0.1282	-0.1148	-5.94E-5	-8.42E-5	-1.13E-4
	CC10	-0.1793	0.0624	-0.0883	-9.79E-5	2.40E-5	1.20E-4
	CC11	-0.1698	0.0536	-0.0883	-9.64E-5	1.42E-5	1.43E-4
	CC12	-0.1614	-0.1830	-0.0753	-1.38E-4	1.56E-5	1.44E-4
	CC13	-0.1519	-0.1918	-0.0753	-1.36E-4	5.80E-6	1.67E-4
	CC14	0.0177	0.4002	-0.1290	-3.35E-6	-1.33E-5	-1.16E-4
	CC15	0.0491	0.3711	-0.1292	1.72E-6	-4.59E-5	-4.03E-5
	CC16	-0.0879	0.3811	-0.1172	-2.64E-5	1.37E-5	-3.21E-5
	CC17	-0.0565	0.3520	-0.1173	-2.13E-5	-1.89E-5	4.37E-5
	CC18	0.0772	-0.4178	-0.0857	-1.36E-4	-4.13E-5	-3.62E-5
	CC19	0.1086	-0.4469	-0.0858	-1.31E-4	-7.39E-5	3.96E-5
	CC20	-0.0284	-0.4369	-0.0739	-1.59E-4	-1.43E-5	4.79E-5
	CC21	0.0030	-0.4660	-0.0740	-1.54E-4	-4.69E-5	1.24E-4
205	CC1	-0.0032	-0.0159	-0.1647	1.28E-4	-1.41E-5	-1.32E-5
	CC2	-0.0032	-0.0159	-0.1647	1.28E-4	-1.41E-5	-1.32E-5
	CC3	-0.0032	-0.0159	-0.1647	1.28E-4	-1.41E-5	-1.32E-5
	CC4	-0.0028	-0.0141	-0.1574	1.26E-4	-1.41E-5	-1.25E-5
	CC5	-0.0028	-0.0141	-0.1574	1.26E-4	-1.41E-5	-1.25E-5
	CC6	0.2185	0.2091	-0.1360	4.51E-4	-1.29E-4	-1.76E-4
	CC7	0.1988	0.1908	-0.1366	4.73E-4	-1.22E-4	-1.53E-4
	CC8	0.2051	-0.0453	-0.1527	2.24E-4	-1.40E-4	-1.52E-4
	CC9	0.1854	-0.0636	-0.1533	2.46E-4	-1.33E-4	-1.29E-4
	CC10	-0.1906	0.0367	-0.1566	4.02E-6	1.05E-4	1.04E-4
	CC11	-0.2103	0.0184	-0.1573	2.58E-5	1.12E-4	1.27E-4
	CC12	-0.2040	-0.2177	-0.1734	-2.23E-4	9.43E-5	1.28E-4
	CC13	-0.2237	-0.2360	-0.1740	-2.01E-4	1.01E-4	1.51E-4
	CC14	0.1137	0.4666	-0.1230	5.34E-4	-4.13E-5	-1.32E-4
	CC15	0.0485	0.4061	-0.1250	6.06E-4	-2.06E-5	-5.63E-5
	CC16	-0.0090	0.4149	-0.1292	4.00E-4	2.89E-5	-4.81E-5
	CC17	-0.0743	0.3544	-0.1312	4.72E-4	4.96E-5	2.77E-5
	CC18	0.0690	-0.3813	-0.1788	-2.22E-4	-7.78E-5	-5.22E-5
	CC19	0.0038	-0.4418	-0.1808	-1.50E-4	-5.71E-5	2.36E-5
	CC20	-0.0537	-0.4330	-0.1850	-3.56E-4	-7.57E-6	3.19E-5
	CC21	-0.1189	-0.4936	-0.1870	-2.84E-4	1.31E-5	1.08E-4
206	CC1	0.0005	-0.0200	-0.1589	-6.78E-5	-1.40E-5	-1.28E-5
	CC2	0.0005	-0.0200	-0.1589	-6.78E-5	-1.40E-5	-1.28E-5
	CC3	0.0005	-0.0200	-0.1589	-6.78E-5	-1.40E-5	-1.28E-5
	CC4	0.0008	-0.0178	-0.1523	-6.37E-5	-1.39E-5	-1.20E-5
	CC5	0.0008	-0.0178	-0.1523	-6.37E-5	-1.39E-5	-1.20E-5
	CC6	0.1850	0.2062	-0.1542	-4.44E-5	-3.83E-5	-1.75E-4
	CC7	0.1800	0.1878	-0.1549	-4.55E-5	-4.49E-5	-1.52E-4
	CC8	0.1880	-0.0483	-0.1627	-6.23E-5	-4.52E-5	-1.51E-4
	CC9	0.1830	-0.0667	-0.1634	-6.34E-5	-5.18E-5	-1.28E-4
	CC10	-0.1812	0.0325	-0.1370	-6.14E-5	2.41E-5	1.05E-4
	CC11	-0.1862	0.0141	-0.1377	-6.24E-5	1.75E-5	1.28E-4
	CC12	-0.1782	-0.2220	-0.1455	-7.93E-5	1.72E-5	1.29E-4
	CC13	-0.1831	-0.2404	-0.1462	-8.03E-5	1.06E-5	1.52E-4
	CC14	0.0590	0.4636	-0.1374	-2.83E-5	-7.74E-7	-1.32E-4
	CC15	0.0426	0.4027	-0.1398	-3.18E-5	-2.26E-5	-5.58E-5
	CC16	-0.0509	0.4115	-0.1323	-3.34E-5	1.80E-5	-4.75E-5
	CC17	-0.0672	0.3506	-0.1346	-3.69E-5	-3.92E-6	2.82E-5
	CC18	0.0691	-0.3848	-0.1657	-8.79E-5	-2.38E-5	-5.16E-5
	CC19	0.0527	-0.4457	-0.1681	-9.14E-5	-4.57E-5	2.41E-5
	CC20	-0.0408	-0.4369	-0.1606	-9.30E-5	-5.09E-6	3.24E-5
	CC21	-0.0571	-0.4978	-0.1629	-9.65E-5	-2.70E-5	1.08E-4
207	CC1	-0.0001	-0.0241	-0.1457	-3.53E-5	1.84E-5	6.73E-7
	CC2	-0.0001	-0.0241	-0.1457	-3.53E-5	1.84E-5	6.73E-7
	CC3	-0.0001	-0.0241	-0.1457	-3.53E-5	1.84E-5	6.73E-7

	CC4	0.0004	-0.0216	-0.1405	-3.09E-5	1.63E-5	8.13E-7
	CC5	0.0004	-0.0216	-0.1405	-3.09E-5	1.63E-5	8.13E-7
	CC6	0.1729	0.2018	-0.1477	-3.37E-5	4.93E-6	-1.63E-4
	CC7	0.1746	0.1835	-0.1475	-3.54E-5	2.13E-6	-1.40E-4
	CC8	0.1826	-0.0526	-0.1445	-6.50E-5	4.99E-7	-1.39E-4
	CC9	0.1843	-0.0709	-0.1442	-6.67E-5	-2.31E-6	-1.16E-4
	CC10	-0.1832	0.0294	-0.1333	7.90E-6	3.36E-5	1.18E-4
	CC11	-0.1815	0.0111	-0.1331	6.23E-6	3.08E-5	1.40E-4
	CC12	-0.1735	-0.2250	-0.1301	-2.34E-5	2.91E-5	1.41E-4
	CC13	-0.1718	-0.2432	-0.1298	-2.51E-5	2.63E-5	1.64E-4
	CC14	0.0351	0.4594	-0.1468	1.93E-5	2.34E-5	-1.19E-4
	CC15	0.0406	0.3989	-0.1459	1.38E-5	1.41E-5	-4.33E-5
	CC16	-0.0717	0.4077	-0.1424	3.18E-5	3.20E-5	-3.50E-5
	CC17	-0.0663	0.3472	-0.1416	2.63E-5	2.27E-5	4.08E-5
	CC18	0.0674	-0.3886	-0.1359	-8.51E-5	8.59E-6	-3.91E-5
	CC19	0.0728	-0.4491	-0.1351	-9.06E-5	-7.05E-7	3.67E-5
	CC20	-0.0395	-0.4403	-0.1316	-7.26E-5	1.72E-5	4.50E-5
	CC21	-0.0340	-0.5008	-0.1308	-7.81E-5	7.88E-6	1.21E-4
208	CC1	0.0092	-0.0308	-0.1235	-8.15E-5	-2.81E-5	-1.58E-5
	CC2	0.0092	-0.0308	-0.1235	-8.15E-5	-2.81E-5	-1.58E-5
	CC3	0.0092	-0.0308	-0.1235	-8.15E-5	-2.81E-5	-1.58E-5
	CC4	0.0096	-0.0277	-0.1202	-7.58E-5	-2.74E-5	-1.52E-5
	CC5	0.0096	-0.0277	-0.1202	-7.58E-5	-2.74E-5	-1.52E-5
	CC6	0.1720	0.1959	-0.1182	-4.27E-5	9.47E-6	-1.79E-4
	CC7	0.1815	0.1776	-0.1168	-4.28E-5	1.36E-5	-1.56E-4
	CC8	0.1898	-0.0585	-0.1018	-7.59E-5	1.61E-5	-1.55E-4
	CC9	0.1993	-0.0768	-0.1005	-7.60E-5	2.02E-5	-1.32E-4
	CC10	-0.1799	0.0235	-0.1378	-7.19E-5	-7.46E-5	1.02E-4
	CC11	-0.1704	0.0052	-0.1364	-7.20E-5	-7.05E-5	1.24E-4
	CC12	-0.1621	-0.2309	-0.1214	-1.05E-4	-6.80E-5	1.26E-4
	CC13	-0.1526	-0.2492	-0.1201	-1.05E-4	-6.39E-5	1.48E-4
	CC14	0.0170	0.4535	-0.1457	-1.42E-5	-3.24E-5	-1.35E-4
	CC15	0.0485	0.3930	-0.1412	-1.45E-5	-1.88E-5	-5.92E-5
	CC16	-0.0885	0.4018	-0.1515	-2.30E-5	-5.76E-5	-5.09E-5
	CC17	-0.0571	0.3412	-0.1471	-2.32E-5	-4.40E-5	2.49E-5
	CC18	0.0765	-0.3945	-0.0912	-1.25E-4	-1.04E-5	-5.50E-5
	CC19	0.1080	-0.4550	-0.0867	-1.25E-4	3.17E-6	2.08E-5
	CC20	-0.0290	-0.4462	-0.0970	-1.33E-4	-3.57E-5	2.91E-5
	CC21	0.0024	-0.5067	-0.0926	-1.34E-4	-2.21E-5	1.05E-4
209	CC1	-0.0045	-0.0078	-0.1724	1.89E-4	3.44E-6	-6.61E-7
	CC2	-0.0045	-0.0078	-0.1724	1.89E-4	3.44E-6	-6.61E-7
	CC3	-0.0045	-0.0078	-0.1724	1.89E-4	3.44E-6	-6.61E-7
	CC4	-0.0039	-0.0065	-0.1648	1.84E-4	2.18E-6	-6.22E-7
	CC5	-0.0039	-0.0065	-0.1648	1.84E-4	2.18E-6	-6.22E-7
	CC6	0.2173	0.2723	-0.1644	4.15E-4	-1.07E-4	-1.64E-4
	CC7	0.1976	0.2458	-0.1655	4.08E-4	-1.02E-4	-1.41E-4
	CC8	0.2039	0.0101	-0.1817	2.25E-4	-1.19E-4	-1.40E-4
	CC9	0.1843	-0.0164	-0.1828	2.18E-4	-1.14E-4	-1.17E-4
	CC10	-0.1917	0.0043	-0.1418	1.46E-4	1.17E-4	1.16E-4
	CC11	-0.2114	-0.0222	-0.1428	1.39E-4	1.23E-4	1.39E-4
	CC12	-0.2051	-0.2578	-0.1591	-4.34E-5	1.05E-4	1.40E-4
	CC13	-0.2248	-0.2843	-0.1601	-5.05E-5	1.11E-4	1.63E-4
	CC14	0.1126	0.5149	-0.1351	5.50E-4	-2.09E-5	-1.20E-4
	CC15	0.0473	0.4273	-0.1386	5.27E-4	-2.36E-6	-4.47E-5
	CC16	-0.0102	0.4345	-0.1283	4.70E-4	4.65E-5	-3.64E-5
	CC17	-0.0754	0.3469	-0.1318	4.46E-4	6.50E-5	3.93E-5
	CC18	0.0679	-0.3589	-0.1927	-8.16E-5	-6.15E-5	-4.05E-5
	CC19	0.0027	-0.4466	-0.1962	-1.05E-4	-4.30E-5	3.52E-5
	CC20	-0.0548	-0.4393	-0.1859	-1.62E-4	5.87E-6	4.35E-5
	CC21	-0.1200	-0.5270	-0.1894	-1.86E-4	2.44E-5	1.19E-4
210	CC1	-0.0020	-0.0094	-0.1737	-1.42E-4	4.24E-6	2.14E-6
	CC2	-0.0020	-0.0094	-0.1737	-1.42E-4	4.24E-6	2.14E-6
	CC3	-0.0020	-0.0094	-0.1737	-1.42E-4	4.24E-6	2.14E-6
	CC4	-0.0015	-0.0079	-0.1664	-1.33E-4	3.63E-6	2.29E-6
	CC5	-0.0015	-0.0079	-0.1664	-1.33E-4	3.63E-6	2.29E-6
	CC6	0.1827	0.2716	-0.1687	-1.21E-4	-1.90E-5	-1.61E-4
	CC7	0.1778	0.2450	-0.1698	-1.21E-4	-2.40E-5	-1.38E-4
	CC8	0.1858	0.0094	-0.1775	-1.27E-4	-3.42E-5	-1.37E-4
	CC9	0.1808	-0.0172	-0.1786	-1.27E-4	-3.92E-5	-1.14E-4
	CC10	-0.1835	0.0024	-0.1493	-1.34E-4	4.61E-5	1.19E-4
	CC11	-0.1884	-0.0242	-0.1504	-1.35E-4	4.11E-5	1.42E-4
	CC12	-0.1804	-0.2598	-0.1581	-1.40E-4	3.08E-5	1.43E-4

	CC13	-0.1854	-0.2864	-0.1592	-1.41E-4	2.59E-5	1.66E-4
	CC14	0.0567	0.5141	-0.1503	-1.18E-4	2.72E-5	-1.18E-4
	CC15	0.0404	0.4261	-0.1540	-1.19E-4	1.08E-5	-4.18E-5
	CC16	-0.0531	0.4333	-0.1445	-1.23E-4	4.68E-5	-3.35E-5
	CC17	-0.0695	0.3453	-0.1481	-1.23E-4	3.03E-5	4.23E-5
	CC18	0.0668	-0.3601	-0.1798	-1.38E-4	-2.35E-5	-3.76E-5
	CC19	0.0505	-0.4481	-0.1834	-1.39E-4	-3.99E-5	3.82E-5
	CC20	-0.0430	-0.4409	-0.1740	-1.43E-4	-3.95E-6	4.65E-5
	CC21	-0.0594	-0.5289	-0.1776	-1.43E-4	-2.04E-5	1.22E-4
211	CC1	-0.0012	-0.0199	-0.1359	-5.72E-5	6.66E-6	1.38E-6
	CC2	-0.0012	-0.0199	-0.1359	-5.72E-5	6.66E-6	1.38E-6
	CC3	-0.0012	-0.0199	-0.1359	-5.72E-5	6.66E-6	1.38E-6
	CC4	-0.0006	-0.0175	-0.1314	-5.18E-5	5.43E-6	1.71E-6
	CC5	-0.0006	-0.0175	-0.1314	-5.18E-5	5.43E-6	1.71E-6
	CC6	0.1719	0.2550	-0.1356	-9.15E-6	-5.48E-5	-1.62E-4
	CC7	0.1736	0.2295	-0.1360	-1.05E-5	-6.60E-5	-1.39E-4
	CC8	0.1816	-0.0063	-0.1379	-3.82E-5	-6.35E-5	-1.38E-4
	CC9	0.1833	-0.0318	-0.1383	-3.96E-5	-7.48E-5	-1.15E-4
	CC10	-0.1842	-0.0017	-0.1216	-6.04E-5	8.48E-5	1.18E-4
	CC11	-0.1825	-0.0273	-0.1221	-6.18E-5	7.36E-5	1.41E-4
	CC12	-0.1745	-0.2630	-0.1239	-8.95E-5	7.60E-5	1.42E-4
	CC13	-0.1728	-0.2885	-0.1243	-9.08E-5	6.48E-5	1.65E-4
	CC14	0.0341	0.4994	-0.1276	8.39E-6	1.73E-5	-1.18E-4
	CC15	0.0396	0.4149	-0.1290	3.86E-6	-1.99E-5	-4.23E-5
	CC16	-0.0728	0.4224	-0.1234	-6.99E-6	5.92E-5	-3.40E-5
	CC17	-0.0673	0.3379	-0.1248	-1.15E-5	2.20E-5	4.18E-5
	CC18	0.0664	-0.3714	-0.1351	-8.85E-5	-1.20E-5	-3.81E-5
	CC19	0.0718	-0.4559	-0.1365	-9.30E-5	-4.91E-5	3.77E-5
	CC20	-0.0405	-0.4484	-0.1309	-1.04E-4	2.99E-5	4.59E-5
	CC21	-0.0350	-0.5329	-0.1324	-1.08E-4	-7.26E-6	1.22E-4
212	CC1	0.0084	-0.0241	-0.1251	-6.13E-5	8.30E-6	-1.38E-5
	CC2	0.0084	-0.0241	-0.1251	-6.13E-5	8.30E-6	-1.38E-5
	CC3	0.0084	-0.0241	-0.1251	-6.13E-5	8.30E-6	-1.38E-5
	CC4	0.0088	-0.0214	-0.1220	-5.57E-5	6.30E-6	-1.21E-5
	CC5	0.0088	-0.0214	-0.1220	-5.57E-5	6.30E-6	-1.21E-5
	CC6	0.1712	0.2579	-0.1566	7.55E-6	-6.45E-5	-1.75E-4
	CC7	0.1807	0.2314	-0.1561	5.16E-6	-6.78E-5	-1.52E-4
	CC8	0.1891	-0.0043	-0.1432	-2.55E-5	-5.23E-5	-1.51E-4
	CC9	0.1986	-0.0307	-0.1427	-2.79E-5	-5.56E-5	-1.28E-4
	CC10	-0.1807	-0.0102	-0.0991	-7.99E-5	6.69E-5	1.05E-4
	CC11	-0.1712	-0.0367	-0.0986	-8.23E-5	6.36E-5	1.28E-4
	CC12	-0.1628	-0.2723	-0.0858	-1.13E-4	7.91E-5	1.29E-4
	CC13	-0.1533	-0.2988	-0.0853	-1.15E-4	7.58E-5	1.52E-4
	CC14	0.0163	0.5005	-0.1526	1.83E-5	-2.89E-5	-1.31E-4
	CC15	0.0477	0.4128	-0.1510	1.03E-5	-3.98E-5	-5.56E-5
	CC16	-0.0893	0.4201	-0.1354	-7.96E-6	1.05E-5	-4.73E-5
	CC17	-0.0579	0.3324	-0.1337	-1.59E-5	-3.86E-7	2.85E-5
	CC18	0.0758	-0.3733	-0.1081	-9.19E-5	1.17E-5	-5.14E-5
	CC19	0.1072	-0.4610	-0.1065	-9.98E-5	7.31E-7	2.44E-5
	CC20	-0.0298	-0.4538	-0.0909	-1.18E-4	5.11E-5	3.26E-5
	CC21	0.0016	-0.5414	-0.0892	-1.26E-4	4.02E-5	1.08E-4
213	CC1	-0.0022	-0.0141	-0.1262	4.04E-5	6.71E-5	7.32E-6
	CC2	-0.0022	-0.0141	-0.1262	4.04E-5	6.71E-5	7.32E-6
	CC3	-0.0022	-0.0141	-0.1262	4.04E-5	6.71E-5	7.32E-6
	CC4	-0.0016	-0.0126	-0.1228	3.87E-5	6.19E-5	8.21E-6
	CC5	-0.0016	-0.0126	-0.1228	3.87E-5	6.19E-5	8.21E-6
	CC6	0.1710	0.3095	-0.1421	7.66E-5	-7.36E-6	-1.55E-4
	CC7	0.1727	0.2768	-0.1399	7.43E-5	1.64E-6	-1.32E-4
	CC8	0.1807	0.0415	-0.1255	5.17E-5	3.50E-5	-1.31E-4
	CC9	0.1824	0.0088	-0.1233	4.94E-5	4.40E-5	-1.08E-4
	CC10	-0.1851	-0.0329	-0.1201	2.70E-5	7.64E-5	1.25E-4
	CC11	-0.1834	-0.0656	-0.1179	2.47E-5	8.54E-5	1.48E-4
	CC12	-0.1754	-0.3009	-0.1035	2.11E-6	1.19E-4	1.49E-4
	CC13	-0.1738	-0.3336	-0.1013	-2.31E-7	1.28E-4	1.72E-4
	CC14	0.0332	0.5402	-0.1563	9.10E-5	-3.78E-5	-1.11E-4
	CC15	0.0387	0.4319	-0.1491	8.33E-5	-8.00E-6	-3.56E-5
	CC16	-0.0737	0.4375	-0.1497	7.61E-5	-1.27E-5	-2.73E-5
	CC17	-0.0682	0.3292	-0.1425	6.84E-5	1.71E-5	4.84E-5
	CC18	0.0654	-0.3533	-0.1009	7.99E-6	1.03E-4	-3.14E-5
	CC19	0.0709	-0.4616	-0.0938	2.55E-7	1.33E-4	4.43E-5
	CC20	-0.0414	-0.4560	-0.0943	-6.89E-6	1.28E-4	5.26E-5
	CC21	-0.0359	-0.5643	-0.0872	-1.46E-5	1.58E-4	1.28E-4

214	CC1	0.0080	-0.0141	-0.1270	-5.51E-5	2.02E-5	-4.43E-6
	CC2	0.0080	-0.0141	-0.1270	-5.51E-5	2.02E-5	-4.43E-6
	CC3	0.0080	-0.0141	-0.1270	-5.51E-5	2.02E-5	-4.43E-6
	CC4	0.0084	-0.0124	-0.1240	-5.01E-5	1.90E-5	-2.83E-6
	CC5	0.0084	-0.0124	-0.1240	-5.01E-5	1.90E-5	-2.83E-6
	CC6	0.1708	0.3097	-0.1612	-5.12E-6	4.43E-5	-1.66E-4
	CC7	0.1803	0.2770	-0.1588	-6.34E-6	5.12E-5	-1.43E-4
	CC8	0.1886	0.0417	-0.1370	-2.85E-5	8.13E-5	-1.42E-4
	CC9	0.1981	0.0090	-0.1345	-2.97E-5	8.82E-5	-1.19E-4
	CC10	-0.1811	-0.0326	-0.1115	-6.72E-5	-5.11E-5	1.14E-4
	CC11	-0.1716	-0.0654	-0.1090	-6.84E-5	-4.42E-5	1.37E-4
	CC12	-0.1632	-0.3007	-0.0873	-9.06E-5	-1.41E-5	1.38E-4
	CC13	-0.1537	-0.3334	-0.0848	-9.18E-5	-7.18E-6	1.61E-4
	CC14	0.0158	0.5404	-0.1749	1.81E-6	-4.02E-5	-1.22E-4
	CC15	0.0473	0.4321	-0.1668	-2.24E-6	-1.75E-5	-4.64E-5
	CC16	-0.0897	0.4377	-0.1600	-1.68E-5	-6.88E-5	-3.81E-5
	CC17	-0.0583	0.3294	-0.1519	-2.09E-5	-4.61E-5	3.76E-5
	CC18	0.0753	-0.3531	-0.0942	-7.61E-5	8.32E-5	-4.22E-5
	CC19	0.1068	-0.4613	-0.0860	-8.01E-5	1.06E-4	3.35E-5
	CC20	-0.0302	-0.4558	-0.0793	-9.47E-5	5.46E-5	4.18E-5
	CC21	0.0012	-0.5641	-0.0711	-9.87E-5	7.73E-5	1.18E-4
215	CC1	-0.0068	-0.0084	-0.1372	4.79E-5	6.83E-5	9.24E-6
	CC2	-0.0068	-0.0084	-0.1372	4.79E-5	6.83E-5	9.24E-6
	CC3	-0.0068	-0.0084	-0.1372	4.79E-5	6.83E-5	9.24E-6
	CC4	-0.0061	-0.0074	-0.1330	4.84E-5	6.25E-5	8.65E-6
	CC5	-0.0061	-0.0074	-0.1330	4.84E-5	6.25E-5	8.65E-6
	CC6	0.2152	0.3405	-0.1400	-6.07E-5	-8.08E-5	-1.55E-4
	CC7	0.1955	0.3041	-0.1433	-9.45E-5	-7.31E-5	-1.32E-4
	CC8	0.2019	0.0689	-0.1730	-2.25E-4	-9.26E-5	-1.31E-4
	CC9	0.1822	0.0325	-0.1762	-2.59E-4	-8.48E-5	-1.08E-4
	CC10	-0.1938	-0.0467	-0.0871	3.56E-4	2.06E-4	1.25E-4
	CC11	-0.2135	-0.0831	-0.0903	3.22E-4	2.14E-4	1.48E-4
	CC12	-0.2072	-0.3182	-0.1200	1.92E-4	1.94E-4	1.49E-4
	CC13	-0.2269	-0.3546	-0.1233	1.58E-4	2.02E-4	1.72E-4
	CC14	0.1105	0.5639	-0.0793	3.16E-4	2.43E-5	-1.11E-4
	CC15	0.0452	0.4433	-0.0901	2.04E-4	5.00E-5	-3.57E-5
	CC16	-0.0123	0.4477	-0.0634	4.41E-4	1.10E-4	-2.74E-5
	CC17	-0.0775	0.3272	-0.0742	3.29E-4	1.36E-4	4.84E-5
	CC18	0.0658	-0.3413	-0.1891	-2.32E-4	-1.49E-5	-3.15E-5
	CC19	0.0006	-0.4619	-0.1999	-3.44E-4	1.08E-5	4.43E-5
	CC20	-0.0569	-0.4575	-0.1732	-1.07E-4	7.11E-5	5.26E-5
	CC21	-0.1221	-0.5780	-0.1840	-2.19E-4	9.68E-5	1.28E-4
216	CC1	-0.0050	-0.0138	-0.1208	-3.68E-5	3.97E-5	1.39E-5
	CC2	-0.0050	-0.0138	-0.1208	-3.68E-5	3.97E-5	1.39E-5
	CC3	-0.0050	-0.0138	-0.1208	-3.68E-5	3.97E-5	1.39E-5
	CC4	-0.0043	-0.0125	-0.1178	-3.48E-5	3.55E-5	1.30E-5
	CC5	-0.0043	-0.0125	-0.1178	-3.48E-5	3.55E-5	1.30E-5
	CC6	0.1798	0.3355	-0.1255	4.54E-5	-2.52E-5	-1.51E-4
	CC7	0.1750	0.2991	-0.1291	3.73E-5	-3.78E-5	-1.28E-4
	CC8	0.1829	0.0640	-0.1519	-1.24E-5	-3.91E-5	-1.27E-4
	CC9	0.1781	0.0276	-0.1555	-2.05E-5	-5.17E-5	-1.04E-4
	CC10	-0.1862	-0.0516	-0.0781	-4.77E-5	1.20E-4	1.29E-4
	CC11	-0.1910	-0.0880	-0.0817	-5.59E-5	1.07E-4	1.52E-4
	CC12	-0.1831	-0.3232	-0.1045	-1.06E-4	1.06E-4	1.53E-4
	CC13	-0.1879	-0.3596	-0.1081	-1.14E-4	9.34E-5	1.76E-4
	CC14	0.0537	0.5589	-0.0740	8.96E-5	5.63E-5	-1.07E-4
	CC15	0.0376	0.4384	-0.0858	6.27E-5	1.46E-5	-3.15E-5
	CC16	-0.0561	0.4428	-0.0598	6.17E-5	9.98E-5	-2.32E-5
	CC17	-0.0722	0.3222	-0.0716	3.48E-5	5.82E-5	5.26E-5
	CC18	0.0641	-0.3463	-0.1620	-1.03E-4	1.01E-5	-2.73E-5
	CC19	0.0480	-0.4668	-0.1738	-1.30E-4	-3.16E-5	4.85E-5
	CC20	-0.0457	-0.4624	-0.1478	-1.31E-4	5.36E-5	5.68E-5
	CC21	-0.0618	-0.5829	-0.1596	-1.58E-4	1.19E-5	1.33E-4
217	CC1	-0.0027	-0.0150	-0.1163	-1.01E-5	1.31E-5	1.43E-5
	CC2	-0.0027	-0.0150	-0.1163	-1.01E-5	1.31E-5	1.43E-5
	CC3	-0.0027	-0.0150	-0.1163	-1.01E-5	1.31E-5	1.43E-5
	CC4	-0.0021	-0.0136	-0.1137	-9.02E-6	1.13E-5	1.37E-5
	CC5	-0.0021	-0.0136	-0.1137	-9.02E-6	1.13E-5	1.37E-5
	CC6	0.1706	0.3345	-0.1413	1.21E-4	-5.09E-5	-1.50E-4
	CC7	0.1722	0.2981	-0.1389	1.07E-4	-6.31E-5	-1.27E-4
	CC8	0.1802	0.0629	-0.1221	2.83E-5	-6.51E-5	-1.26E-4
	CC9	0.1819	0.0265	-0.1197	1.47E-5	-7.74E-5	-1.03E-4

	CC10	-0.1856	-0.0527	-0.1060	-3.20E-5	9.87E-5	1.30E-4
	CC11	-0.1839	-0.0891	-0.1035	-4.56E-5	8.64E-5	1.53E-4
	CC12	-0.1759	-0.3242	-0.0868	-1.25E-4	8.45E-5	1.54E-4
	CC13	-0.1742	-0.3606	-0.0843	-1.38E-4	7.22E-5	1.77E-4
	CC14	0.0327	0.5578	-0.1542	1.91E-4	3.22E-5	-1.06E-4
	CC15	0.0382	0.4373	-0.1461	1.46E-4	-8.35E-6	-3.06E-5
	CC16	-0.0741	0.4417	-0.1436	1.45E-4	7.71E-5	-2.23E-5
	CC17	-0.0686	0.3212	-0.1355	1.00E-4	3.65E-5	5.35E-5
	CC18	0.0650	-0.3473	-0.0901	-1.18E-4	-1.52E-5	-2.64E-5
	CC19	0.0705	-0.4679	-0.0820	-1.63E-4	-5.58E-5	4.94E-5
	CC20	-0.0419	-0.4635	-0.0795	-1.63E-4	2.97E-5	5.76E-5
	CC21	-0.0364	-0.5840	-0.0714	-2.09E-4	-1.09E-5	1.33E-4
218	CC1	0.0078	-0.0141	-0.1203	-1.81E-5	3.49E-5	1.64E-5
	CC2	0.0078	-0.0141	-0.1203	-1.81E-5	3.49E-5	1.64E-5
	CC3	0.0078	-0.0141	-0.1203	-1.81E-5	3.49E-5	1.64E-5
	CC4	0.0082	-0.0126	-0.1177	-1.65E-5	3.24E-5	1.67E-5
	CC5	0.0082	-0.0126	-0.1177	-1.65E-5	3.24E-5	1.67E-5
	CC6	0.1706	0.3354	-0.1579	7.28E-7	-5.17E-6	-1.47E-4
	CC7	0.1801	0.2990	-0.1548	1.05E-6	-7.85E-6	-1.24E-4
	CC8	0.1885	0.0638	-0.1291	-8.06E-6	1.14E-5	-1.23E-4
	CC9	0.1980	0.0274	-0.1260	-7.74E-6	8.71E-6	-9.98E-5
	CC10	-0.1812	-0.0517	-0.1076	-2.42E-5	5.44E-5	1.33E-4
	CC11	-0.1717	-0.0881	-0.1045	-2.39E-5	5.17E-5	1.56E-4
	CC12	-0.1634	-0.3233	-0.0788	-3.30E-5	7.10E-5	1.57E-4
	CC13	-0.1539	-0.3597	-0.0757	-3.27E-5	6.83E-5	1.80E-4
	CC14	0.0157	0.5588	-0.1775	1.89E-6	-5.46E-7	-1.03E-4
	CC15	0.0471	0.4382	-0.1672	2.94E-6	-9.40E-6	-2.73E-5
	CC16	-0.0899	0.4426	-0.1624	-5.59E-6	1.73E-5	-1.90E-5
	CC17	-0.0584	0.3221	-0.1521	-4.53E-6	8.47E-6	5.67E-5
	CC18	0.0752	-0.3464	-0.0815	-2.74E-5	5.47E-5	-2.31E-5
	CC19	0.1066	-0.4669	-0.0713	-2.63E-5	4.58E-5	5.26E-5
	CC20	-0.0304	-0.4625	-0.0665	-3.49E-5	7.25E-5	6.09E-5
	CC21	0.0011	-0.5831	-0.0562	-3.38E-5	6.37E-5	1.37E-4
219	CC1	-0.0010	-0.0026	-0.1072	-2.05E-5	7.50E-6	1.68E-6
	CC2	-0.0010	-0.0026	-0.1072	-2.05E-5	7.50E-6	1.68E-6
	CC3	-0.0010	-0.0026	-0.1072	-2.05E-5	7.50E-6	1.68E-6
	CC4	-0.0010	-0.0024	-0.1032	-1.92E-5	6.72E-6	1.59E-6
	CC5	-0.0010	-0.0024	-0.1032	-1.92E-5	6.72E-6	1.59E-6
	CC6	0.0453	-0.0082	-0.0775	-2.16E-5	2.96E-5	-3.62E-5
	CC7	0.0434	-0.0061	-0.0780	-1.48E-5	2.84E-5	-3.13E-5
	CC8	0.0446	-0.0569	-0.0806	-2.38E-4	2.86E-5	-3.23E-5
	CC9	0.0427	-0.0548	-0.0811	-2.31E-4	2.75E-5	-2.74E-5
	CC10	-0.0446	0.0501	-0.1228	1.93E-4	-1.45E-5	3.06E-5
	CC11	-0.0464	0.0521	-0.1233	2.00E-4	-1.56E-5	3.54E-5
	CC12	-0.0453	0.0013	-0.1259	-2.27E-5	-1.55E-5	3.45E-5
	CC13	-0.0471	0.0034	-0.1264	-1.58E-5	-1.66E-5	3.93E-5
	CC14	0.0168	0.0666	-0.0891	2.98E-4	1.66E-5	-2.29E-5
	CC15	0.0106	0.0736	-0.0909	3.20E-4	1.29E-5	-6.95E-6
	CC16	-0.0102	0.0841	-0.1027	3.62E-4	3.33E-6	-2.92E-6
	CC17	-0.0164	0.0910	-0.1045	3.85E-4	-3.39E-7	1.31E-5
	CC18	0.0145	-0.0958	-0.0994	-4.22E-4	1.33E-5	-9.94E-6
	CC19	0.0083	-0.0888	-0.1012	-4.00E-4	9.60E-6	6.05E-6
	CC20	-0.0124	-0.0783	-0.1130	-3.58E-4	3.94E-8	1.01E-5
	CC21	-0.0186	-0.0714	-0.1148	-3.35E-4	-3.63E-6	2.61E-5
220	CC1	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-9.95E-1
	CC2	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-9.95E-1
	CC3	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	-9.95E-1
	CC4	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-9.62E-1
	CC5	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-9.62E-1
	CC6	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	1.43E-8
	CC7	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	1.25E-8
	CC8	0.0000	0.0000	-0.0823	0.00E+0	0.00E+0	7.59E-9
	CC9	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	5.77E-9
	CC10	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	-7.67E-9
	CC11	0.0000	0.0000	-0.1061	0.00E+0	0.00E+0	-9.49E-9
	CC12	0.0000	0.0000	-0.1086	0.00E+0	0.00E+0	-1.44E-8
	CC13	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	-1.62E-8
	CC14	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	1.66E-8
	CC15	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	1.06E-8
	CC16	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	1.00E-8
	CC17	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	3.97E-9
	CC18	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	-5.88E-9

	CC19	0.0000	0.0000	-0.0949	0.00E+0	0.00E+0	-1.19E-8
	CC20	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	-1.25E-8
	CC21	0.0000	0.0000	-0.1028	0.00E+0	0.00E+0	-1.85E-8
221	CC1	-0.0010	-0.0028	-0.1063	-1.90E-5	6.25E-6	1.53E-6
	CC2	-0.0010	-0.0028	-0.1063	-1.90E-5	6.25E-6	1.53E-6
	CC3	-0.0010	-0.0028	-0.1063	-1.90E-5	6.25E-6	1.53E-6
	CC4	-0.0009	-0.0026	-0.1025	-1.78E-5	5.70E-6	1.41E-6
	CC5	-0.0009	-0.0026	-0.1025	-1.78E-5	5.70E-6	1.41E-6
	CC6	0.0453	-0.0038	-0.0701	-2.55E-6	1.56E-5	-3.64E-5
	CC7	0.0434	-0.0023	-0.0709	2.04E-6	1.51E-5	-3.15E-5
	CC8	0.0446	-0.0530	-0.0732	-2.23E-4	1.49E-5	-3.25E-5
	CC9	0.0428	-0.0515	-0.0741	-2.18E-4	1.44E-5	-2.76E-5
	CC10	-0.0446	0.0464	-0.1283	1.83E-4	-3.34E-6	3.04E-5
	CC11	-0.0464	0.0479	-0.1292	1.88E-4	-3.85E-6	3.52E-5
	CC12	-0.0452	-0.0028	-0.1315	-3.69E-5	-4.03E-6	3.43E-5
	CC13	-0.0471	-0.0013	-0.1323	-3.23E-5	-4.53E-6	3.91E-5
	CC14	0.0168	0.0694	-0.0858	3.14E-4	1.03E-5	-2.31E-5
	CC15	0.0106	0.0744	-0.0886	3.29E-4	8.65E-6	-7.14E-6
	CC16	-0.0102	0.0845	-0.1032	3.69E-4	4.66E-6	-3.12E-6
	CC17	-0.0163	0.0895	-0.1060	3.85E-4	2.98E-6	1.29E-5
	CC18	0.0145	-0.0946	-0.0963	-4.19E-4	8.05E-6	-1.01E-5
	CC19	0.0084	-0.0896	-0.0992	-4.04E-4	6.37E-6	5.85E-6
	CC20	-0.0124	-0.0795	-0.1138	-3.64E-4	2.38E-6	9.88E-6
	CC21	-0.0186	-0.0745	-0.1166	-3.49E-4	7.01E-7	2.59E-5
222	CC1	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	8.34E-11
	CC2	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	8.34E-11
	CC3	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	8.34E-11
	CC4	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	7.17E-11
	CC5	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	7.17E-11
	CC6	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	3.26E-9
	CC7	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	3.28E-9
	CC8	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	-8.50E-1
	CC9	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	-8.30E-1
	CC10	0.0000	0.0000	-0.1055	0.00E+0	0.00E+0	9.65E-1
	CC11	0.0000	0.0000	-0.1057	0.00E+0	0.00E+0	9.86E-1
	CC12	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	-3.14E-9
	CC13	0.0000	0.0000	-0.1083	0.00E+0	0.00E+0	-3.12E-9
	CC14	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	7.22E-9
	CC15	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	7.29E-9
	CC16	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	6.53E-9
	CC17	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	6.60E-9
	CC18	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	-6.47E-9
	CC19	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	-6.40E-9
	CC20	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	-7.15E-9
	CC21	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	-7.09E-9
223	CC1	0.0007	-0.0016	-0.1108	-2.46E-5	3.65E-6	-9.48E-7
	CC2	0.0007	-0.0016	-0.1108	-2.46E-5	3.65E-6	-9.48E-7
	CC3	0.0007	-0.0016	-0.1108	-2.46E-5	3.65E-6	-9.48E-7
	CC4	0.0007	-0.0015	-0.1081	-2.24E-5	3.28E-6	-8.68E-7
	CC5	0.0007	-0.0015	-0.1081	-2.24E-5	3.28E-6	-8.68E-7
	CC6	0.0381	0.0549	-0.1281	1.34E-4	-6.32E-5	-3.86E-5
	CC7	0.0393	0.0491	-0.1272	1.19E-4	-6.53E-5	-3.37E-5
	CC8	0.0402	-0.0002	-0.1144	-2.52E-5	-7.17E-5	-3.47E-5
	CC9	0.0414	-0.0060	-0.1134	-4.00E-5	-7.38E-5	-2.98E-5
	CC10	-0.0400	0.0030	-0.1009	-3.45E-6	8.01E-5	2.82E-5
	CC11	-0.0388	-0.0028	-0.1000	-1.82E-5	7.80E-5	3.30E-5
	CC12	-0.0378	-0.0521	-0.0872	-1.63E-4	7.16E-5	3.21E-5
	CC13	-0.0366	-0.0579	-0.0862	-1.78E-4	6.95E-5	3.69E-5
	CC14	0.0069	0.1077	-0.1358	2.89E-4	-7.07E-7	-2.53E-5
	CC15	0.0109	0.0885	-0.1326	2.40E-4	-7.67E-6	-9.35E-6
	CC16	-0.0165	0.0921	-0.1276	2.48E-4	4.23E-5	-5.32E-6
	CC17	-0.0126	0.0729	-0.1244	1.99E-4	3.53E-5	1.07E-5
	CC18	0.0140	-0.0759	-0.0899	-2.42E-4	-2.90E-5	-1.23E-5
	CC19	0.0179	-0.0951	-0.0867	-2.91E-4	-3.60E-5	3.64E-6
	CC20	-0.0094	-0.0915	-0.0817	-2.84E-4	1.40E-5	7.67E-6
	CC21	-0.0055	-0.1107	-0.0786	-3.32E-4	7.01E-6	2.37E-5
224	CC1	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-4.33E-1
	CC2	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-4.33E-1
	CC3	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-4.33E-1
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-3.94E-1
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-3.94E-1
	CC6	0.0000	0.0000	-0.1145	0.00E+0	0.00E+0	5.28E-1

	CC7	0.0000	0.0000	-0.1137	0.00E+0	0.00E+0	1.55E-9
	CC8	0.0000	0.0000	-0.1030	0.00E+0	0.00E+0	8.05E-9
	CC9	0.0000	0.0000	-0.1022	0.00E+0	0.00E+0	9.08E-9
	CC10	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	-9.84E-9
	CC11	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	-8.81E-9
	CC12	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	-2.32E-9
	CC13	0.0000	0.0000	-0.0810	0.00E+0	0.00E+0	-1.29E-9
	CC14	0.0000	0.0000	-0.1215	0.00E+0	0.00E+0	-1.31E-8
	CC15	0.0000	0.0000	-0.1187	0.00E+0	0.00E+0	-9.67E-9
	CC16	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	-1.62E-8
	CC17	0.0000	0.0000	-0.1123	0.00E+0	0.00E+0	-1.28E-8
	CC18	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	1.20E-8
	CC19	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	1.54E-8
	CC20	0.0000	0.0000	-0.0768	0.00E+0	0.00E+0	8.90E-9
	CC21	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	1.23E-8
225	CC1	0.0006	-0.0018	-0.1105	-2.54E-5	-8.76E-6	-1.63E-6
	CC2	0.0006	-0.0018	-0.1105	-2.54E-5	-8.76E-6	-1.63E-6
	CC3	0.0006	-0.0018	-0.1105	-2.54E-5	-8.76E-6	-1.63E-6
	CC4	0.0006	-0.0017	-0.1078	-2.31E-5	-8.78E-6	-1.48E-6
	CC5	0.0006	-0.0017	-0.1078	-2.31E-5	-8.78E-6	-1.48E-6
	CC6	0.0380	0.0511	-0.1227	1.33E-4	-7.46E-5	-3.92E-5
	CC7	0.0392	0.0458	-0.1215	1.19E-4	-7.66E-5	-3.43E-5
	CC8	0.0401	-0.0036	-0.1081	-2.94E-5	-8.18E-5	-3.53E-5
	CC9	0.0413	-0.0089	-0.1070	-4.39E-5	-8.38E-5	-3.04E-5
	CC10	-0.0401	0.0057	-0.1068	-6.98E-7	6.63E-5	2.76E-5
	CC11	-0.0389	0.0003	-0.1057	-1.52E-5	6.43E-5	3.24E-5
	CC12	-0.0380	-0.0490	-0.0923	-1.63E-4	5.90E-5	3.15E-5
	CC13	-0.0368	-0.0544	-0.0911	-1.78E-4	5.70E-5	3.63E-5
	CC14	0.0068	0.1052	-0.1354	2.93E-4	-1.45E-5	-2.59E-5
	CC15	0.0107	0.0876	-0.1316	2.45E-4	-2.12E-5	-9.94E-6
	CC16	-0.0166	0.0915	-0.1306	2.53E-4	2.77E-5	-5.91E-6
	CC17	-0.0127	0.0739	-0.1268	2.04E-4	2.11E-5	1.01E-5
	CC18	0.0139	-0.0772	-0.0870	-2.49E-4	-3.87E-5	-1.29E-5
	CC19	0.0178	-0.0948	-0.0832	-2.97E-4	-4.53E-5	3.06E-6
	CC20	-0.0095	-0.0908	-0.0822	-2.89E-4	3.60E-6	7.09E-6
	CC21	-0.0056	-0.1084	-0.0784	-3.37E-4	-3.01E-6	2.31E-5
226	CC1	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	4.12E-1
	CC2	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	4.12E-1
	CC3	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	4.12E-1
	CC4	0.0000	0.0000	-0.0984	0.00E+0	0.00E+0	3.73E-1
	CC5	0.0000	0.0000	-0.0984	0.00E+0	0.00E+0	3.73E-1
	CC6	0.0000	0.0000	-0.1130	0.00E+0	0.00E+0	4.72E-9
	CC7	0.0000	0.0000	-0.1121	0.00E+0	0.00E+0	4.40E-9
	CC8	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	-1.73E-9
	CC9	0.0000	0.0000	-0.1005	0.00E+0	0.00E+0	-2.06E-9
	CC10	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	2.78E-9
	CC11	0.0000	0.0000	-0.0938	0.00E+0	0.00E+0	2.45E-9
	CC12	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	-3.68E-9
	CC13	0.0000	0.0000	-0.0822	0.00E+0	0.00E+0	-4.00E-9
	CC14	0.0000	0.0000	-0.1211	0.00E+0	0.00E+0	1.19E-8
	CC15	0.0000	0.0000	-0.1182	0.00E+0	0.00E+0	1.09E-8
	CC16	0.0000	0.0000	-0.1156	0.00E+0	0.00E+0	1.14E-8
	CC17	0.0000	0.0000	-0.1127	0.00E+0	0.00E+0	1.03E-8
	CC18	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-9.56E-9
	CC19	0.0000	0.0000	-0.0796	0.00E+0	0.00E+0	-1.06E-8
	CC20	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-1.01E-8
	CC21	0.0000	0.0000	-0.0741	0.00E+0	0.00E+0	-1.12E-8
227	CC1	0.0001	-0.0091	-0.1140	-2.51E-5	1.57E-5	3.16E-6
	CC2	0.0001	-0.0091	-0.1140	-2.51E-5	1.57E-5	3.16E-6
	CC3	0.0001	-0.0091	-0.1140	-2.51E-5	1.57E-5	3.16E-6
	CC4	0.0001	-0.0085	-0.1097	-2.30E-5	1.43E-5	3.12E-6
	CC5	0.0001	-0.0085	-0.1097	-2.30E-5	1.43E-5	3.12E-6
	CC6	0.1083	-0.0073	-0.0758	-7.10E-6	2.32E-5	-9.16E-5
	CC7	0.1035	-0.0031	-0.0766	9.63E-7	2.27E-5	-7.96E-5
	CC8	0.1076	-0.1411	-0.0793	-2.83E-4	2.13E-5	-7.67E-5
	CC9	0.1028	-0.1369	-0.0802	-2.74E-4	2.08E-5	-6.47E-5
	CC10	-0.1026	0.1202	-0.1363	2.30E-4	6.85E-6	7.09E-5
	CC11	-0.1073	0.1244	-0.1372	2.38E-4	6.39E-6	8.29E-5
	CC12	-0.1032	-0.0136	-0.1399	-4.57E-5	4.95E-6	8.58E-5
	CC13	-0.1080	-0.0094	-0.1407	-3.76E-5	4.48E-6	9.78E-5
	CC14	0.0407	0.1886	-0.0919	3.88E-4	2.02E-5	-6.60E-5
	CC15	0.0250	0.2025	-0.0946	4.14E-4	1.87E-5	-2.63E-5

	CC16	-0.0225	0.2268	-0.1100	4.59E-4	1.53E-5	-1.72E-5
	CC17	-0.0382	0.2407	-0.1128	4.86E-4	1.38E-5	2.25E-5
	CC18	0.0385	-0.2574	-0.1037	-5.30E-4	1.39E-5	-1.63E-5
	CC19	0.0228	-0.2435	-0.1064	-5.04E-4	1.24E-5	2.34E-5
	CC20	-0.0247	-0.2192	-0.1218	-4.59E-4	8.99E-6	3.25E-5
	CC21	-0.0404	-0.2052	-0.1246	-4.33E-4	7.45E-6	7.22E-5
228	CC1	-0.0010	-0.0026	-0.1072	-2.06E-5	7.98E-6	1.69E-6
	CC2	-0.0010	-0.0026	-0.1072	-2.06E-5	7.98E-6	1.69E-6
	CC3	-0.0010	-0.0026	-0.1072	-2.06E-5	7.98E-6	1.69E-6
	CC4	-0.0010	-0.0024	-0.1033	-1.93E-5	7.14E-6	1.60E-6
	CC5	-0.0010	-0.0024	-0.1033	-1.93E-5	7.14E-6	1.60E-6
	CC6	0.0453	-0.0085	-0.0777	-2.31E-5	9.87E-6	-3.62E-5
	CC7	0.0434	-0.0064	-0.0782	-1.61E-5	9.65E-6	-3.13E-5
	CC8	0.0446	-0.0572	-0.0808	-2.39E-4	8.85E-6	-3.23E-5
	CC9	0.0427	-0.0551	-0.0813	-2.32E-4	8.63E-6	-2.74E-5
	CC10	-0.0446	0.0504	-0.1227	1.94E-4	5.10E-6	3.06E-5
	CC11	-0.0465	0.0525	-0.1233	2.01E-4	4.89E-6	3.54E-5
	CC12	-0.0453	0.0017	-0.1258	-2.16E-5	4.08E-6	3.45E-5
	CC13	-0.0471	0.0038	-0.1263	-1.46E-5	3.87E-6	3.93E-5
	CC14	0.0167	0.0664	-0.0892	2.96E-4	9.64E-6	-2.29E-5
	CC15	0.0106	0.0735	-0.0910	3.20E-4	8.92E-6	-6.94E-6
	CC16	-0.0102	0.0841	-0.1028	3.62E-4	8.21E-6	-2.91E-6
	CC17	-0.0164	0.0912	-0.1045	3.85E-4	7.49E-6	1.31E-5
	CC18	0.0145	-0.0959	-0.0995	-4.23E-4	6.24E-6	-9.93E-6
	CC19	0.0083	-0.0888	-0.1012	-3.99E-4	5.52E-6	6.06E-6
	CC20	-0.0124	-0.0782	-0.1130	-3.57E-4	4.81E-6	1.01E-5
	CC21	-0.0186	-0.0711	-0.1148	-3.34E-4	4.09E-6	2.61E-5
229	CC1	-0.0001	-0.0096	-0.1118	-2.45E-5	1.50E-5	3.68E-6
	CC2	-0.0001	-0.0096	-0.1118	-2.45E-5	1.50E-5	3.68E-6
	CC3	-0.0001	-0.0096	-0.1118	-2.45E-5	1.50E-5	3.68E-6
	CC4	0.0000	-0.0089	-0.1077	-2.26E-5	1.39E-5	3.57E-6
	CC5	0.0000	-0.0089	-0.1077	-2.26E-5	1.39E-5	3.57E-6
	CC6	0.1081	0.0036	-0.0686	1.52E-5	2.16E-5	-9.12E-5
	CC7	0.1034	0.0064	-0.0697	2.07E-5	2.11E-5	-7.92E-5
	CC8	0.1075	-0.1319	-0.0723	-2.68E-4	2.01E-5	-7.63E-5
	CC9	0.1027	-0.1292	-0.0734	-2.63E-4	1.97E-5	-6.43E-5
	CC10	-0.1027	0.1117	-0.1392	2.19E-4	7.31E-6	7.14E-5
	CC11	-0.1074	0.1145	-0.1403	2.24E-4	6.86E-6	8.33E-5
	CC12	-0.1034	-0.0239	-0.1429	-6.47E-5	5.83E-6	8.63E-5
	CC13	-0.1081	-0.0211	-0.1440	-5.92E-5	5.37E-6	9.83E-5
	CC14	0.0406	0.1964	-0.0877	4.11E-4	1.89E-5	-6.55E-5
	CC15	0.0249	0.2056	-0.0913	4.29E-4	1.73E-5	-2.59E-5
	CC16	-0.0227	0.2289	-0.1089	4.72E-4	1.46E-5	-1.68E-5
	CC17	-0.0384	0.2380	-0.1125	4.90E-4	1.31E-5	2.29E-5
	CC18	0.0384	-0.2555	-0.1002	-5.34E-4	1.39E-5	-1.58E-5
	CC19	0.0227	-0.2463	-0.1038	-5.16E-4	1.24E-5	2.38E-5
	CC20	-0.0248	-0.2231	-0.1213	-4.73E-4	9.62E-6	3.29E-5
	CC21	-0.0406	-0.2139	-0.1250	-4.55E-4	8.11E-6	7.26E-5
230	CC1	-0.0010	-0.0028	-0.1064	-1.91E-5	6.79E-6	1.56E-6
	CC2	-0.0010	-0.0028	-0.1064	-1.91E-5	6.79E-6	1.56E-6
	CC3	-0.0010	-0.0028	-0.1064	-1.91E-5	6.79E-6	1.56E-6
	CC4	-0.0009	-0.0026	-0.1025	-1.79E-5	6.19E-6	1.44E-6
	CC5	-0.0009	-0.0026	-0.1025	-1.79E-5	6.19E-6	1.44E-6
	CC6	0.0453	-0.0042	-0.0703	-4.10E-6	3.53E-5	-3.63E-5
	CC7	0.0434	-0.0026	-0.0712	6.66E-7	3.39E-5	-3.15E-5
	CC8	0.0446	-0.0533	-0.0735	-2.24E-4	3.44E-5	-3.24E-5
	CC9	0.0428	-0.0518	-0.0743	-2.19E-4	3.31E-5	-2.76E-5
	CC10	-0.0446	0.0467	-0.1282	1.84E-4	-2.11E-5	3.04E-5
	CC11	-0.0464	0.0483	-0.1290	1.89E-4	-2.24E-5	3.52E-5
	CC12	-0.0452	-0.0024	-0.1314	-3.57E-5	-2.19E-5	3.43E-5
	CC13	-0.0471	-0.0009	-0.1322	-3.10E-5	-2.33E-5	3.91E-5
	CC14	0.0168	0.0692	-0.0859	3.12E-4	1.81E-5	-2.31E-5
	CC15	0.0106	0.0744	-0.0887	3.28E-4	1.36E-5	-7.12E-6
	CC16	-0.0102	0.0844	-0.1033	3.69E-4	1.16E-6	-3.09E-6
	CC17	-0.0163	0.0896	-0.1060	3.85E-4	-3.32E-6	1.29E-5
	CC18	0.0145	-0.0947	-0.0965	-4.20E-4	1.53E-5	-1.01E-5
	CC19	0.0084	-0.0895	-0.0992	-4.04E-4	1.08E-5	5.88E-6
	CC20	-0.0124	-0.0794	-0.1138	-3.63E-4	-1.59E-6	9.91E-6
	CC21	-0.0186	-0.0742	-0.1166	-3.48E-4	-6.07E-6	2.59E-5
231	CC1	0.0010	-0.0059	-0.1140	-1.27E-5	2.04E-5	3.22E-6
	CC2	0.0010	-0.0059	-0.1140	-1.27E-5	2.04E-5	3.22E-6
	CC3	0.0010	-0.0059	-0.1140	-1.27E-5	2.04E-5	3.22E-6

	CC4	0.0011	-0.0054	-0.1113	-1.16E-5	1.87E-5	3.05E-6
	CC5	0.0011	-0.0054	-0.1113	-1.16E-5	1.87E-5	3.05E-6
	CC6	0.1048	0.2053	-0.1176	2.25E-4	-1.40E-4	-9.17E-5
	CC7	0.1011	0.1830	-0.1192	2.00E-4	-1.34E-4	-7.97E-5
	CC8	0.1066	0.0385	-0.1280	5.60E-5	-1.46E-4	-7.68E-5
	CC9	0.1029	0.0163	-0.1296	3.13E-5	-1.41E-4	-6.48E-5
	CC10	-0.1006	-0.0267	-0.0913	-5.36E-5	1.77E-4	7.08E-5
	CC11	-0.1042	-0.0489	-0.0929	-7.83E-5	1.82E-4	8.28E-5
	CC12	-0.0988	-0.1934	-0.1017	-2.22E-4	1.71E-4	8.57E-5
	CC13	-0.1024	-0.2157	-0.1032	-2.47E-4	1.76E-4	9.77E-5
	CC14	0.0350	0.3443	-0.0945	3.53E-4	-2.78E-5	-6.61E-5
	CC15	0.0230	0.2706	-0.0997	2.71E-4	-1.01E-5	-2.64E-5
	CC16	-0.0266	0.2747	-0.0866	2.69E-4	6.72E-5	-1.73E-5
	CC17	-0.0387	0.2010	-0.0918	1.88E-4	8.49E-5	2.24E-5
	CC18	0.0410	-0.2114	-0.1290	-2.10E-4	-4.86E-5	-1.64E-5
	CC19	0.0290	-0.2851	-0.1343	-2.92E-4	-3.09E-5	2.33E-5
	CC20	-0.0206	-0.2810	-0.1211	-2.93E-4	4.64E-5	3.24E-5
	CC21	-0.0327	-0.3547	-0.1264	-3.75E-4	6.41E-5	7.21E-5
232	CC1	0.0024	-0.0020	-0.1085	-1.14E-5	9.97E-6	5.35E-7
	CC2	0.0024	-0.0020	-0.1085	-1.14E-5	9.97E-6	5.35E-7
	CC3	0.0024	-0.0020	-0.1085	-1.14E-5	9.97E-6	5.35E-7
	CC4	0.0024	-0.0018	-0.1060	-1.05E-5	8.76E-6	5.70E-7
	CC5	0.0024	-0.0018	-0.1060	-1.05E-5	8.76E-6	5.70E-7
	CC6	0.0471	0.0756	-0.1117	1.77E-4	-1.38E-4	-3.71E-5
	CC7	0.0457	0.0670	-0.1130	1.57E-4	-1.33E-4	-3.23E-5
	CC8	0.0467	0.0183	-0.1208	4.16E-5	-1.40E-4	-3.32E-5
	CC9	0.0452	0.0097	-0.1221	2.17E-5	-1.35E-4	-2.84E-5
	CC10	-0.0406	-0.0133	-0.0881	-4.22E-5	1.52E-4	2.96E-5
	CC11	-0.0420	-0.0218	-0.0895	-6.21E-5	1.57E-4	3.44E-5
	CC12	-0.0410	-0.0706	-0.0973	-1.77E-4	1.49E-4	3.35E-5
	CC13	-0.0424	-0.0791	-0.0986	-1.97E-4	1.54E-4	3.83E-5
	CC14	0.0186	0.1212	-0.0913	2.81E-4	-3.96E-5	-2.39E-5
	CC15	0.0139	0.0929	-0.0957	2.15E-4	-2.26E-5	-7.93E-6
	CC16	-0.0077	0.0945	-0.0842	2.15E-4	4.73E-5	-3.90E-6
	CC17	-0.0124	0.0663	-0.0887	1.49E-4	6.43E-5	1.21E-5
	CC18	0.0171	-0.0698	-0.1216	-1.70E-4	-4.76E-5	-1.09E-5
	CC19	0.0124	-0.0980	-0.1261	-2.35E-4	-3.06E-5	5.06E-6
	CC20	-0.0092	-0.0965	-0.1146	-2.35E-4	3.93E-5	9.09E-6
	CC21	-0.0139	-0.1247	-0.1190	-3.01E-4	5.63E-5	2.51E-5
233	CC1	0.0014	-0.0059	-0.1130	-9.16E-6	1.74E-5	3.31E-6
	CC2	0.0014	-0.0059	-0.1130	-9.16E-6	1.74E-5	3.31E-6
	CC3	0.0014	-0.0059	-0.1130	-9.16E-6	1.74E-5	3.31E-6
	CC4	0.0015	-0.0054	-0.1104	-8.30E-6	1.61E-5	3.14E-6
	CC5	0.0015	-0.0054	-0.1104	-8.30E-6	1.61E-5	3.14E-6
	CC6	0.1011	0.2052	-0.1239	2.26E-4	-1.42E-4	-9.16E-5
	CC7	0.0987	0.1830	-0.1234	2.02E-4	-1.37E-4	-7.97E-5
	CC8	0.1043	0.0385	-0.1193	5.84E-5	-1.40E-4	-7.67E-5
	CC9	0.1018	0.0163	-0.1188	3.39E-5	-1.35E-4	-6.48E-5
	CC10	-0.0989	-0.0267	-0.1002	-5.00E-5	1.66E-4	7.09E-5
	CC11	-0.1013	-0.0490	-0.0997	-7.45E-5	1.71E-4	8.29E-5
	CC12	-0.0957	-0.1934	-0.0956	-2.18E-4	1.69E-4	8.58E-5
	CC13	-0.0981	-0.2157	-0.0951	-2.42E-4	1.73E-4	9.78E-5
	CC14	0.0302	0.3443	-0.1215	3.53E-4	-4.15E-5	-6.60E-5
	CC15	0.0221	0.2706	-0.1198	2.72E-4	-2.66E-5	-2.63E-5
	CC16	-0.0298	0.2747	-0.1144	2.70E-4	5.10E-5	-1.72E-5
	CC17	-0.0378	0.2010	-0.1127	1.89E-4	6.59E-5	2.24E-5
	CC18	0.0408	-0.2115	-0.1063	-2.05E-4	-3.46E-5	-1.63E-5
	CC19	0.0328	-0.2851	-0.1046	-2.86E-4	-1.97E-5	2.34E-5
	CC20	-0.0192	-0.2810	-0.0992	-2.88E-4	5.79E-5	3.25E-5
	CC21	-0.0272	-0.3547	-0.0975	-3.69E-4	7.28E-5	7.21E-5
234	CC1	0.0024	-0.0019	-0.1078	-4.51E-6	6.24E-6	-3.63E-7
	CC2	0.0024	-0.0019	-0.1078	-4.51E-6	6.24E-6	-3.63E-7
	CC3	0.0024	-0.0019	-0.1078	-4.51E-6	6.24E-6	-3.63E-7
	CC4	0.0024	-0.0017	-0.1053	-3.94E-6	5.41E-6	-2.78E-7
	CC5	0.0024	-0.0017	-0.1053	-3.94E-6	5.41E-6	-2.78E-7
	CC6	0.0452	0.0757	-0.1187	1.81E-4	-1.37E-4	-3.80E-5
	CC7	0.0443	0.0671	-0.1182	1.61E-4	-1.33E-4	-3.31E-5
	CC8	0.0459	0.0184	-0.1141	4.71E-5	-1.36E-4	-3.41E-5
	CC9	0.0450	0.0099	-0.1136	2.75E-5	-1.32E-4	-2.92E-5
	CC10	-0.0403	-0.0132	-0.0954	-3.49E-5	1.42E-4	2.88E-5
	CC11	-0.0412	-0.0217	-0.0949	-5.45E-5	1.47E-4	3.36E-5
	CC12	-0.0396	-0.0704	-0.0908	-1.68E-4	1.44E-4	3.26E-5

	CC13	-0.0405	-0.0790	-0.0903	-1.88E-4	1.48E-4	3.75E-5
	CC14	0.0156	0.1213	-0.1165	2.83E-4	-4.55E-5	-2.48E-5
	CC15	0.0125	0.0930	-0.1148	2.19E-4	-3.20E-5	-8.76E-6
	CC16	-0.0101	0.0946	-0.1095	2.19E-4	3.85E-5	-4.73E-6
	CC17	-0.0132	0.0664	-0.1078	1.54E-4	5.20E-5	1.13E-5
	CC18	0.0179	-0.0697	-0.1012	-1.61E-4	-4.17E-5	-1.18E-5
	CC19	0.0148	-0.0979	-0.0995	-2.26E-4	-2.82E-5	4.23E-6
	CC20	-0.0078	-0.0963	-0.0942	-2.26E-4	4.22E-5	8.26E-6
	CC21	-0.0109	-0.1246	-0.0925	-2.91E-4	5.57E-5	2.43E-5
235	CC1	0.0007	-0.0201	-0.1169	-5.92E-5	2.61E-5	6.47E-6
	CC2	0.0007	-0.0201	-0.1169	-5.92E-5	2.61E-5	6.47E-6
	CC3	0.0007	-0.0201	-0.1169	-5.92E-5	2.61E-5	6.47E-6
	CC4	0.0008	-0.0187	-0.1124	-5.59E-5	2.41E-5	6.55E-6
	CC5	0.0008	-0.0187	-0.1124	-5.59E-5	2.41E-5	6.55E-6
	CC6	0.1664	-0.0174	-0.0752	-5.15E-5	3.03E-5	-1.42E-4
	CC7	0.1593	-0.0099	-0.0762	-4.72E-5	3.00E-5	-1.23E-4
	CC8	0.1668	-0.2305	-0.0792	-1.57E-4	3.32E-5	-1.20E-4
	CC9	0.1597	-0.2230	-0.0801	-1.53E-4	3.29E-5	-1.02E-4
	CC10	-0.1579	0.1866	-0.1418	4.36E-5	1.40E-5	1.15E-4
	CC11	-0.1651	0.1941	-0.1427	4.80E-5	1.37E-5	1.33E-4
	CC12	-0.1575	-0.0265	-0.1458	-6.24E-5	1.69E-5	1.36E-4
	CC13	-0.1647	-0.0190	-0.1467	-5.80E-5	1.66E-5	1.55E-4
	CC14	0.0607	0.2941	-0.0928	1.00E-4	2.16E-5	-9.83E-5
	CC15	0.0370	0.3187	-0.0959	1.15E-4	2.06E-5	-3.61E-5
	CC16	-0.0367	0.3553	-0.1128	1.29E-4	1.67E-5	-2.14E-5
	CC17	-0.0603	0.3799	-0.1159	1.43E-4	1.57E-5	4.08E-5
	CC18	0.0620	-0.4163	-0.1060	-2.53E-4	3.11E-5	-2.76E-5
	CC19	0.0384	-0.3917	-0.1091	-2.38E-4	3.02E-5	3.46E-5
	CC20	-0.0353	-0.3551	-0.1260	-2.24E-4	2.62E-5	4.93E-5
	CC21	-0.0589	-0.3305	-0.1291	-2.10E-4	2.53E-5	1.11E-4
236	CC1	0.0008	-0.0208	-0.1141	-5.69E-5	1.75E-5	5.37E-6
	CC2	0.0008	-0.0208	-0.1141	-5.69E-5	1.75E-5	5.37E-6
	CC3	0.0008	-0.0208	-0.1141	-5.69E-5	1.75E-5	5.37E-6
	CC4	0.0009	-0.0194	-0.1099	-5.38E-5	1.62E-5	5.59E-6
	CC5	0.0009	-0.0194	-0.1099	-5.38E-5	1.62E-5	5.59E-6
	CC6	0.1665	-0.0003	-0.0700	-4.18E-5	5.20E-6	-1.42E-4
	CC7	0.1594	0.0048	-0.0711	-3.83E-5	5.54E-6	-1.24E-4
	CC8	0.1669	-0.2160	-0.0742	-1.46E-4	3.35E-6	-1.21E-4
	CC9	0.1598	-0.2108	-0.0753	-1.43E-4	3.69E-6	-1.02E-4
	CC10	-0.1579	0.1729	-0.1417	3.75E-5	2.79E-5	1.14E-4
	CC11	-0.1650	0.1781	-0.1427	4.09E-5	2.83E-5	1.33E-4
	CC12	-0.1575	-0.0427	-0.1459	-6.71E-5	2.61E-5	1.35E-4
	CC13	-0.1646	-0.0375	-0.1469	-6.36E-5	2.64E-5	1.54E-4
	CC14	0.0607	0.3059	-0.0889	1.04E-4	1.49E-5	-9.92E-5
	CC15	0.0371	0.3231	-0.0925	1.15E-4	1.61E-5	-3.70E-5
	CC16	-0.0366	0.3579	-0.1104	1.28E-4	2.17E-5	-2.23E-5
	CC17	-0.0602	0.3750	-0.1140	1.39E-4	2.29E-5	3.98E-5
	CC18	0.0621	-0.4129	-0.1030	-2.44E-4	8.74E-6	-2.85E-5
	CC19	0.0385	-0.3958	-0.1065	-2.33E-4	9.88E-6	3.37E-5
	CC20	-0.0352	-0.3609	-0.1245	-2.21E-4	1.56E-5	4.84E-5
	CC21	-0.0588	-0.3438	-0.1280	-2.09E-4	1.67E-5	1.11E-4
237	CC1	-0.0025	-0.0098	-0.1166	-1.81E-5	1.44E-5	8.51E-7
	CC2	-0.0025	-0.0098	-0.1166	-1.81E-5	1.44E-5	8.51E-7
	CC3	-0.0025	-0.0098	-0.1166	-1.81E-5	1.44E-5	8.51E-7
	CC4	-0.0021	-0.0088	-0.1139	-1.68E-5	1.34E-5	9.42E-7
	CC5	-0.0021	-0.0088	-0.1139	-1.68E-5	1.34E-5	9.42E-7
	CC6	0.1575	0.3203	-0.1200	2.41E-4	-1.21E-4	-1.47E-4
	CC7	0.1521	0.2861	-0.1219	2.15E-4	-1.20E-4	-1.28E-4
	CC8	0.1598	0.0602	-0.1336	5.12E-5	-1.29E-4	-1.26E-4
	CC9	0.1545	0.0261	-0.1354	2.50E-5	-1.28E-4	-1.07E-4
	CC10	-0.1584	-0.0430	-0.0905	-5.78E-5	1.54E-4	1.09E-4
	CC11	-0.1638	-0.0772	-0.0923	-8.40E-5	1.55E-4	1.28E-4
	CC12	-0.1561	-0.3031	-0.1040	-2.48E-4	1.46E-4	1.30E-4
	CC13	-0.1615	-0.3372	-0.1059	-2.74E-4	1.47E-4	1.49E-4
	CC14	0.0504	0.5360	-0.0918	3.88E-4	-1.70E-5	-1.04E-4
	CC15	0.0326	0.4229	-0.0979	3.01E-4	-1.42E-5	-4.17E-5
	CC16	-0.0444	0.4270	-0.0829	2.99E-4	6.55E-5	-2.70E-5
	CC17	-0.0622	0.3139	-0.0891	2.12E-4	6.83E-5	3.52E-5
	CC18	0.0582	-0.3308	-0.1368	-2.45E-4	-4.21E-5	-3.32E-5
	CC19	0.0404	-0.4439	-0.1430	-3.31E-4	-3.93E-5	2.90E-5
	CC20	-0.0366	-0.4398	-0.1280	-3.34E-4	4.04E-5	4.37E-5
	CC21	-0.0543	-0.5529	-0.1341	-4.21E-4	4.32E-5	1.06E-4

238	CC1	-0.0023	-0.0097	-0.1153	-8.82E-6	1.63E-5	2.49E-6
	CC2	-0.0023	-0.0097	-0.1153	-8.82E-6	1.63E-5	2.49E-6
	CC3	-0.0023	-0.0097	-0.1153	-8.82E-6	1.63E-5	2.49E-6
	CC4	-0.0020	-0.0088	-0.1126	-7.90E-6	1.51E-5	2.56E-6
	CC5	-0.0020	-0.0088	-0.1126	-7.90E-6	1.51E-5	2.56E-6
	CC6	0.1514	0.3203	-0.1288	2.53E-4	-1.15E-4	-1.46E-4
	CC7	0.1479	0.2862	-0.1280	2.27E-4	-1.14E-4	-1.27E-4
	CC8	0.1559	0.0603	-0.1223	6.11E-5	-1.19E-4	-1.24E-4
	CC9	0.1524	0.0261	-0.1215	3.45E-5	-1.18E-4	-1.06E-4
	CC10	-0.1561	-0.0430	-0.1020	-4.97E-5	1.47E-4	1.11E-4
	CC11	-0.1596	-0.0772	-0.1012	-7.63E-5	1.48E-4	1.29E-4
	CC12	-0.1516	-0.3031	-0.0955	-2.42E-4	1.43E-4	1.32E-4
	CC13	-0.1551	-0.3372	-0.0947	-2.68E-4	1.44E-4	1.51E-4
	CC14	0.0426	0.5360	-0.1278	4.02E-4	-1.93E-5	-1.02E-4
	CC15	0.0311	0.4229	-0.1253	3.14E-4	-1.66E-5	-4.01E-5
	CC16	-0.0496	0.4270	-0.1198	3.11E-4	5.93E-5	-2.54E-5
	CC17	-0.0612	0.3139	-0.1173	2.23E-4	6.20E-5	3.68E-5
	CC18	0.0575	-0.3308	-0.1062	-2.38E-4	-3.25E-5	-3.16E-5
	CC19	0.0460	-0.4439	-0.1037	-3.26E-4	-2.98E-5	3.06E-5
	CC20	-0.0347	-0.4398	-0.0981	-3.29E-4	4.60E-5	4.53E-5
	CC21	-0.0463	-0.5529	-0.0956	-4.17E-4	4.88E-5	1.07E-4
239	CC1	0.0069	-0.0222	-0.0951	-3.22E-5	0.00E+0	1.04E-5
	CC2	0.0069	-0.0222	-0.0951	-3.22E-5	0.00E+0	1.04E-5
	CC3	0.0069	-0.0222	-0.0951	-3.22E-5	0.00E+0	1.04E-5
	CC4	0.0065	-0.0208	-0.0923	-3.03E-5	0.00E+0	9.13E-6
	CC5	0.0065	-0.0208	-0.0923	-3.03E-5	0.00E+0	9.13E-6
	CC6	0.1377	0.0409	-0.0917	2.91E-5	1.88E-29	-1.39E-4
	CC7	0.1420	0.0407	-0.0915	3.08E-5	1.88E-29	-1.21E-4
	CC8	0.1510	-0.1809	-0.0531	-1.94E-4	7.45E-3	-1.18E-4
	CC9	0.1554	-0.1811	-0.0529	-1.92E-4	7.45E-3	-9.94E-5
	CC10	-0.1428	0.1404	-0.1298	1.33E-4	-7.45E-3	1.17E-4
	CC11	-0.1384	0.1401	-0.1296	1.35E-4	-7.45E-3	1.36E-4
	CC12	-0.1294	-0.0814	-0.0912	-9.02E-5	-1.88E-29	1.38E-4
	CC13	-0.1251	-0.0816	-0.0910	-8.85E-5	-1.88E-29	1.57E-4
	CC14	0.0190	0.3347	-0.1503	3.24E-4	2.29E-29	-9.62E-5
	CC15	0.0334	0.3339	-0.1497	3.29E-4	2.29E-29	-3.40E-5
	CC16	-0.0651	0.3645	-0.1617	3.55E-4	1.50E-29	-1.93E-5
	CC17	-0.0508	0.3638	-0.1611	3.61E-4	1.50E-29	4.29E-5
	CC18	0.0634	-0.4045	-0.0216	-4.20E-4	-1.50E-29	-2.55E-5
	CC19	0.0777	-0.4053	-0.0210	-4.14E-4	-1.50E-29	3.67E-5
	CC20	-0.0208	-0.3746	-0.0331	-3.89E-4	-2.29E-29	5.14E-5
	CC21	-0.0064	-0.3754	-0.0324	-3.83E-4	-2.29E-29	1.14E-4
240	CC1	0.0016	-0.0106	-0.0937	-2.94E-5	0.00E+0	5.97E-7
	CC2	0.0016	-0.0106	-0.0937	-2.94E-5	0.00E+0	5.97E-7
	CC3	0.0016	-0.0106	-0.0937	-2.94E-5	0.00E+0	5.97E-7
	CC4	0.0016	-0.0099	-0.0910	-2.76E-5	0.00E+0	1.72E-7
	CC5	0.0016	-0.0099	-0.0910	-2.76E-5	0.00E+0	1.72E-7
	CC6	0.0869	0.0299	-0.0798	5.23E-5	2.86E-31	-9.47E-5
	CC7	0.0895	0.0292	-0.0791	5.14E-5	2.86E-31	-8.27E-5
	CC8	0.0960	-0.1099	-0.0504	-2.11E-4	1.13E-31	-7.98E-5
	CC9	0.0986	-0.1106	-0.0496	-2.12E-4	1.13E-31	-6.78E-5
	CC10	-0.0953	0.0914	-0.1305	1.58E-4	-1.13E-31	6.79E-5
	CC11	-0.0928	0.0907	-0.1298	1.57E-4	-1.13E-31	7.98E-5
	CC12	-0.0862	-0.0485	-0.1011	-1.05E-4	-2.86E-31	8.28E-5
	CC13	-0.0836	-0.0492	-0.1003	-1.06E-4	-2.86E-31	9.48E-5
	CC14	0.0095	0.2154	-0.1328	3.98E-4	3.49E-31	-6.90E-5
	CC15	0.0180	0.2131	-0.1303	3.95E-4	3.49E-31	-2.94E-5
	CC16	-0.0451	0.2338	-0.1480	4.30E-4	2.30E-31	-2.03E-5
	CC17	-0.0366	0.2316	-0.1455	4.27E-4	2.30E-31	1.94E-5
	CC18	0.0399	-0.2508	-0.0346	-4.81E-4	-2.30E-31	-1.93E-5
	CC19	0.0484	-0.2531	-0.0321	-4.84E-4	-2.30E-31	2.03E-5
	CC20	-0.0148	-0.2324	-0.0499	-4.49E-4	-3.49E-31	2.94E-5
	CC21	-0.0063	-0.2347	-0.0473	-4.52E-4	-3.49E-31	6.91E-5
241	CC1	0.0054	-0.0212	-0.0960	-5.06E-5	0.00E+0	7.45E-6
	CC2	0.0054	-0.0212	-0.0960	-5.06E-5	0.00E+0	7.45E-6
	CC3	0.0054	-0.0212	-0.0960	-5.06E-5	0.00E+0	7.45E-6
	CC4	0.0055	-0.0197	-0.0931	-4.72E-5	0.00E+0	6.77E-6
	CC5	0.0055	-0.0197	-0.0931	-4.72E-5	0.00E+0	6.77E-6
	CC6	0.1370	0.0598	-0.0665	1.08E-5	4.35E-29	-1.42E-4
	CC7	0.1413	0.0574	-0.0650	1.02E-5	4.35E-29	-1.23E-4
	CC8	0.1503	-0.1645	-0.0501	-1.80E-4	1.77E-29	-1.20E-4
	CC9	0.1546	-0.1669	-0.0485	-1.81E-4	1.77E-29	-1.02E-4

	CC10	-0.1435	0.1286	-0.1357	8.84E-5	-1.77E-29	1.15E-4
	CC11	-0.1391	0.1261	-0.1342	8.77E-5	-1.77E-29	1.33E-4
	CC12	-0.1302	-0.0957	-0.1193	-1.02E-4	-4.35E-29	1.36E-4
	CC13	-0.1258	-0.0982	-0.1177	-1.03E-4	-4.35E-29	1.55E-4
	CC14	0.0183	0.3485	-0.1117	2.61E-4	5.21E-29	-9.83E-5
	CC15	0.0326	0.3402	-0.1066	2.59E-4	5.21E-29	-3.61E-5
	CC16	-0.0658	0.3691	-0.1325	2.85E-4	3.38E-29	-2.14E-5
	CC17	-0.0515	0.3608	-0.1274	2.82E-4	3.38E-29	4.07E-5
	CC18	0.0627	-0.3992	-0.0569	-3.75E-4	-3.38E-29	-2.76E-5
	CC19	0.0770	-0.4074	-0.0518	-3.77E-4	-3.38E-29	3.45E-5
	CC20	-0.0215	-0.3786	-0.0776	-3.51E-4	-5.21E-29	4.92E-5
	CC21	-0.0071	-0.3868	-0.0726	-3.53E-4	-5.21E-29	1.11E-4
242	CC1	0.0017	-0.0103	-0.0947	-3.15E-5	0.00E+0	-3.58E-6
	CC2	0.0017	-0.0103	-0.0947	-3.15E-5	0.00E+0	-3.58E-6
	CC3	0.0017	-0.0103	-0.0947	-3.15E-5	0.00E+0	-3.58E-6
	CC4	0.0018	-0.0095	-0.0919	-2.94E-5	0.00E+0	-3.80E-6
	CC5	0.0018	-0.0095	-0.0919	-2.94E-5	0.00E+0	-3.80E-6
	CC6	0.0871	0.0416	-0.0779	6.48E-5	3.21E-29	-9.86E-5
	CC7	0.0896	0.0395	-0.0769	6.17E-5	3.21E-29	-8.66E-5
	CC8	0.0962	-0.1001	-0.0588	-1.89E-4	1.26E-29	-8.37E-5
	CC9	0.0987	-0.1022	-0.0578	-1.92E-4	1.26E-29	-7.17E-5
	CC10	-0.0952	0.0836	-0.1242	1.35E-4	-1.26E-29	6.40E-5
	CC11	-0.0926	0.0815	-0.1232	1.31E-4	-1.26E-29	7.59E-5
	CC12	-0.0861	-0.0580	-0.1051	-1.19E-4	-3.21E-29	7.89E-5
	CC13	-0.0835	-0.0601	-0.1041	-1.22E-4	-3.21E-29	9.08E-5
	CC14	0.0097	0.2240	-0.1174	3.89E-4	3.93E-29	-7.29E-5
	CC15	0.0182	0.2170	-0.1142	3.78E-4	3.93E-29	-3.33E-5
	CC16	-0.0450	0.2366	-0.1313	4.10E-4	2.59E-29	-2.42E-5
	CC17	-0.0365	0.2296	-0.1281	3.99E-4	2.59E-29	1.55E-5
	CC18	0.0401	-0.2482	-0.0539	-4.57E-4	-2.59E-29	-2.32E-5
	CC19	0.0486	-0.2552	-0.0507	-4.67E-4	-2.59E-29	1.64E-5
	CC20	-0.0146	-0.2356	-0.0678	-4.36E-4	-3.93E-29	2.55E-5
	CC21	-0.0061	-0.2426	-0.0646	-4.46E-4	-3.93E-29	6.52E-5
243	CC1	-0.0026	-0.0022	-0.0908	-1.07E-5	-1.09E-5	4.05E-6
	CC2	-0.0026	-0.0022	-0.0908	-1.07E-5	-1.09E-5	4.05E-6
	CC3	-0.0026	-0.0022	-0.0908	-1.07E-5	-1.09E-5	4.05E-6
	CC4	-0.0025	-0.0020	-0.0887	-9.86E-6	-9.66E-6	3.71E-6
	CC5	-0.0025	-0.0020	-0.0887	-9.86E-6	-9.66E-6	3.71E-6
	CC6	0.0423	-0.0815	-0.0856	-2.06E-4	-1.61E-4	-3.41E-5
	CC7	0.0409	-0.0699	-0.0855	-1.76E-4	-1.56E-4	-2.93E-5
	CC8	0.0419	-0.1226	-0.0861	-3.15E-4	-1.59E-4	-3.02E-5
	CC9	0.0405	-0.1110	-0.0860	-2.86E-4	-1.55E-4	-2.54E-5
	CC10	-0.0453	0.1071	-0.0899	2.67E-4	1.36E-4	3.26E-5
	CC11	-0.0467	0.1187	-0.0898	2.96E-4	1.41E-4	3.74E-5
	CC12	-0.0458	0.0660	-0.0904	1.57E-4	1.38E-4	3.65E-5
	CC13	-0.0472	0.0775	-0.0903	1.87E-4	1.42E-4	4.13E-5
	CC14	0.0138	0.0191	-0.0867	5.35E-5	-6.39E-5	-2.09E-5
	CC15	0.0092	0.0574	-0.0863	1.51E-4	-4.86E-5	-4.92E-6
	CC16	-0.0125	0.0757	-0.0880	1.95E-4	2.51E-5	-8.89E-7
	CC17	-0.0171	0.1139	-0.0876	2.93E-4	4.04E-5	1.51E-5
	CC18	0.0123	-0.1179	-0.0883	-3.12E-4	-5.89E-5	-7.91E-6
	CC19	0.0076	-0.0797	-0.0880	-2.14E-4	-4.36E-5	8.08E-6
	CC20	-0.0140	-0.0613	-0.0896	-1.70E-4	3.01E-5	1.21E-5
	CC21	-0.0186	-0.0231	-0.0893	-7.26E-5	4.54E-5	2.81E-5
244	CC1	-0.0021	-0.0021	-0.0897	-1.28E-5	-7.19E-6	5.22E-6
	CC2	-0.0021	-0.0021	-0.0897	-1.28E-5	-7.19E-6	5.22E-6
	CC3	-0.0021	-0.0021	-0.0897	-1.28E-5	-7.19E-6	5.22E-6
	CC4	-0.0020	-0.0019	-0.0877	-1.20E-5	-6.45E-6	4.82E-6
	CC5	-0.0020	-0.0019	-0.0877	-1.20E-5	-6.45E-6	4.82E-6
	CC6	0.0409	-0.0814	-0.0684	-2.11E-4	-1.57E-4	-3.30E-5
	CC7	0.0400	-0.0698	-0.0712	-1.81E-4	-1.54E-4	-2.82E-5
	CC8	0.0416	-0.1225	-0.0582	-3.22E-4	-1.61E-4	-2.91E-5
	CC9	0.0406	-0.1110	-0.0609	-2.92E-4	-1.58E-4	-2.43E-5
	CC10	-0.0446	0.1072	-0.1130	2.69E-4	1.45E-4	3.37E-5
	CC11	-0.0456	0.1187	-0.1158	2.99E-4	1.49E-4	3.85E-5
	CC12	-0.0439	0.0661	-0.1028	1.58E-4	1.42E-4	3.76E-5
	CC13	-0.0449	0.0776	-0.1055	1.88E-4	1.45E-4	4.24E-5
	CC14	0.0112	0.0192	-0.0928	5.20E-5	-5.09E-5	-1.98E-5
	CC15	0.0081	0.0575	-0.1019	1.51E-4	-3.95E-5	-3.83E-6
	CC16	-0.0144	0.0758	-0.1062	1.96E-4	3.99E-5	2.04E-7
	CC17	-0.0175	0.1140	-0.1153	2.95E-4	5.13E-5	1.62E-5
	CC18	0.0135	-0.1178	-0.0586	-3.19E-4	-6.37E-5	-6.82E-6

	CC19	0.0104	-0.0796	-0.0678	-2.19E-4	-5.23E-5	9.17E-6
	CC20	-0.0121	-0.0612	-0.0720	-1.75E-4	2.71E-5	1.32E-5
	CC21	-0.0152	-0.0230	-0.0811	-7.54E-5	3.85E-5	2.92E-5
245	CC1	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.87E-1
	CC2	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.87E-1
	CC3	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.87E-1
	CC4	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-1.63E-1
	CC5	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-1.63E-1
	CC6	0.0000	0.0000	-0.0746	0.00E+0	0.00E+0	7.93E-8
	CC7	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	6.87E-8
	CC8	0.0000	0.0000	-0.0709	0.00E+0	0.00E+0	1.06E-7
	CC9	0.0000	0.0000	-0.0719	0.00E+0	0.00E+0	9.58E-8
	CC10	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	-9.61E-8
	CC11	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	-1.07E-7
	CC12	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-6.90E-8
	CC13	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	-7.96E-8
	CC14	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-1.52E-9
	CC15	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	-3.65E-8
	CC16	0.0000	0.0000	-0.0892	0.00E+0	0.00E+0	-5.41E-8
	CC17	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	-8.92E-8
	CC18	0.0000	0.0000	-0.0715	0.00E+0	0.00E+0	8.88E-8
	CC19	0.0000	0.0000	-0.0749	0.00E+0	0.00E+0	5.38E-8
	CC20	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	3.62E-8
	CC21	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.21E-9
246	CC1	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.05E-9
	CC2	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.05E-9
	CC3	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.05E-9
	CC4	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-1.02E-9
	CC5	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	-1.02E-9
	CC6	0.0000	0.0000	-0.0722	0.00E+0	0.00E+0	7.69E-8
	CC7	0.0000	0.0000	-0.0736	0.00E+0	0.00E+0	6.65E-8
	CC8	0.0000	0.0000	-0.0672	0.00E+0	0.00E+0	1.03E-7
	CC9	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	9.25E-8
	CC10	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-9.45E-8
	CC11	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	-1.05E-7
	CC12	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-6.85E-8
	CC13	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	-7.89E-8
	CC14	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.44E-9
	CC15	0.0000	0.0000	-0.0893	0.00E+0	0.00E+0	-3.59E-8
	CC16	0.0000	0.0000	-0.0916	0.00E+0	0.00E+0	-5.29E-8
	CC17	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	-8.74E-8
	CC18	0.0000	0.0000	-0.0678	0.00E+0	0.00E+0	8.53E-8
	CC19	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	5.08E-8
	CC20	0.0000	0.0000	-0.0747	0.00E+0	0.00E+0	3.39E-8
	CC21	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	-5.93E-1
247	CC1	-0.0033	-0.0011	-0.0904	-7.19E-6	6.27E-6	6.79E-7
	CC2	-0.0033	-0.0011	-0.0904	-7.19E-6	6.27E-6	6.79E-7
	CC3	-0.0033	-0.0011	-0.0904	-7.19E-6	6.27E-6	6.79E-7
	CC4	-0.0031	-0.0010	-0.0882	-6.62E-6	5.94E-6	6.65E-7
	CC5	-0.0031	-0.0010	-0.0882	-6.62E-6	5.94E-6	6.65E-7
	CC6	0.0292	-0.0577	-0.1034	-2.98E-4	-1.64E-4	-3.62E-5
	CC7	0.0279	-0.0495	-0.1011	-2.55E-4	-1.57E-4	-3.14E-5
	CC8	0.0287	-0.0866	-0.1119	-4.50E-4	-1.62E-4	-3.66E-5
	CC9	0.0274	-0.0784	-0.1096	-4.08E-4	-1.55E-4	-3.18E-5
	CC10	-0.0334	0.0765	-0.0654	3.95E-4	1.67E-4	3.32E-5
	CC11	-0.0347	0.0847	-0.0631	4.37E-4	1.74E-4	3.80E-5
	CC12	-0.0339	0.0476	-0.0739	2.42E-4	1.69E-4	3.27E-5
	CC13	-0.0352	0.0558	-0.0716	2.85E-4	1.76E-4	3.75E-5
	CC14	0.0094	0.0135	-0.0829	7.30E-5	-5.92E-5	-1.69E-5
	CC15	0.0052	0.0406	-0.0752	2.14E-4	-3.51E-5	-1.09E-6
	CC16	-0.0094	0.0537	-0.0715	2.81E-4	4.01E-5	3.89E-6
	CC17	-0.0136	0.0808	-0.0638	4.22E-4	6.42E-5	1.97E-5
	CC18	0.0076	-0.0828	-0.1112	-4.35E-4	-5.26E-5	-1.84E-5
	CC19	0.0034	-0.0557	-0.1035	-2.94E-4	-2.84E-5	-2.56E-6
	CC20	-0.0111	-0.0425	-0.0998	-2.27E-4	4.67E-5	2.41E-6
	CC21	-0.0154	-0.0154	-0.0921	-8.58E-5	7.08E-5	1.82E-5
248	CC1	-0.0023	-0.0006	-0.0885	-4.23E-6	1.62E-5	5.65E-7
	CC2	-0.0023	-0.0006	-0.0885	-4.23E-6	1.62E-5	5.65E-7
	CC3	-0.0023	-0.0006	-0.0885	-4.23E-6	1.62E-5	5.65E-7
	CC4	-0.0021	-0.0006	-0.0864	-3.86E-6	1.51E-5	5.75E-7
	CC5	-0.0021	-0.0006	-0.0864	-3.86E-6	1.51E-5	5.75E-7
	CC6	0.0157	-0.0323	-0.0963	-2.80E-4	-1.44E-4	-3.43E-5

	CC7	0.0150	-0.0278	-0.0948	-2.40E-4	-1.37E-4	-2.97E-5
	CC8	0.0152	-0.0484	-0.1017	-4.20E-4	-1.42E-4	-3.89E-5
	CC9	0.0145	-0.0438	-0.1002	-3.80E-4	-1.36E-4	-3.43E-5
	CC10	-0.0187	0.0427	-0.0712	3.73E-4	1.65E-4	3.54E-5
	CC11	-0.0193	0.0472	-0.0697	4.13E-4	1.71E-4	4.00E-5
	CC12	-0.0192	0.0266	-0.0766	2.32E-4	1.67E-4	3.08E-5
	CC13	-0.0198	0.0312	-0.0751	2.72E-4	1.73E-4	3.54E-5
	CC14	0.0050	0.0073	-0.0830	6.67E-5	-4.56E-5	-9.86E-6
	CC15	0.0028	0.0224	-0.0780	1.99E-4	-2.40E-5	5.41E-6
	CC16	-0.0053	0.0298	-0.0754	2.62E-4	4.71E-5	1.10E-5
	CC17	-0.0075	0.0449	-0.0705	3.94E-4	6.86E-5	2.63E-5
	CC18	0.0033	-0.0461	-0.1009	-4.02E-4	-3.92E-5	-2.52E-5
	CC19	0.0012	-0.0310	-0.0960	-2.70E-4	-1.77E-5	-9.89E-6
	CC20	-0.0070	-0.0236	-0.0934	-2.06E-4	5.35E-5	-4.25E-6
	CC21	-0.0091	-0.0085	-0.0885	-7.42E-5	7.50E-5	1.10E-5
249	CC1	-0.0008	-0.0003	-0.0866	-4.47E-6	1.60E-5	3.34E-7
	CC2	-0.0008	-0.0003	-0.0866	-4.47E-6	1.60E-5	3.34E-7
	CC3	-0.0008	-0.0003	-0.0866	-4.47E-6	1.60E-5	3.34E-7
	CC4	-0.0008	-0.0002	-0.0846	-4.19E-6	1.49E-5	3.44E-7
	CC5	-0.0008	-0.0002	-0.0846	-4.19E-6	1.49E-5	3.44E-7
	CC6	0.0049	-0.0106	-0.0785	-2.10E-4	-9.88E-5	-2.36E-5
	CC7	0.0047	-0.0091	-0.0780	-1.80E-4	-9.51E-5	-2.04E-5
	CC8	0.0046	-0.0159	-0.0802	-3.13E-4	-9.40E-5	-2.86E-5
	CC9	0.0044	-0.0144	-0.0797	-2.84E-4	-9.02E-5	-2.54E-5
	CC10	-0.0059	0.0139	-0.0881	2.76E-4	1.19E-4	2.61E-5
	CC11	-0.0061	0.0154	-0.0877	3.05E-4	1.23E-4	2.93E-5
	CC12	-0.0062	0.0087	-0.0899	1.72E-4	1.24E-4	2.10E-5
	CC13	-0.0064	0.0102	-0.0894	2.02E-4	1.28E-4	2.43E-5
	CC14	0.0016	0.0023	-0.0804	4.70E-5	-3.24E-5	-4.03E-6
	CC15	0.0010	0.0072	-0.0788	1.44E-4	-1.99E-5	6.59E-6
	CC16	-0.0016	0.0097	-0.0833	1.93E-4	3.31E-5	1.09E-5
	CC17	-0.0023	0.0146	-0.0817	2.90E-4	4.55E-5	2.15E-5
	CC18	0.0008	-0.0151	-0.0862	-2.98E-4	-1.64E-5	-2.08E-5
	CC19	0.0002	-0.0102	-0.0846	-2.01E-4	-3.90E-6	-1.02E-5
	CC20	-0.0025	-0.0077	-0.0891	-1.53E-4	4.91E-5	-5.89E-6
	CC21	-0.0031	-0.0028	-0.0875	-5.51E-5	6.16E-5	4.73E-6
250	CC1	-0.0018	-0.0009	-0.0875	-1.03E-5	4.15E-6	-3.10E-7
	CC2	-0.0018	-0.0009	-0.0875	-1.03E-5	4.15E-6	-3.10E-7
	CC3	-0.0018	-0.0009	-0.0875	-1.03E-5	4.15E-6	-3.10E-7
	CC4	-0.0017	-0.0008	-0.0856	-9.69E-6	3.97E-6	-3.11E-7
	CC5	-0.0017	-0.0008	-0.0856	-9.69E-6	3.97E-6	-3.11E-7
	CC6	0.0265	-0.0564	-0.0507	-2.98E-4	-1.49E-4	-4.02E-5
	CC7	0.0262	-0.0484	-0.0558	-2.55E-4	-1.48E-4	-3.50E-5
	CC8	0.0272	-0.0846	-0.0319	-4.48E-4	-1.53E-4	-4.22E-5
	CC9	0.0269	-0.0766	-0.0370	-4.06E-4	-1.51E-4	-3.70E-5
	CC10	-0.0303	0.0750	-0.1328	3.87E-4	1.59E-4	3.63E-5
	CC11	-0.0306	0.0830	-0.1379	4.29E-4	1.60E-4	4.16E-5
	CC12	-0.0296	0.0467	-0.1140	2.36E-4	1.56E-4	3.43E-5
	CC13	-0.0300	0.0547	-0.1191	2.79E-4	1.57E-4	3.96E-5
	CC14	0.0062	0.0133	-0.0954	6.91E-5	-3.98E-5	-1.71E-5
	CC15	0.0052	0.0398	-0.1122	2.09E-4	-3.44E-5	1.94E-7
	CC16	-0.0108	0.0527	-0.1200	2.75E-4	5.26E-5	5.85E-6
	CC17	-0.0119	0.0792	-0.1369	4.14E-4	5.81E-5	2.32E-5
	CC18	0.0084	-0.0808	-0.0329	-4.33E-4	-5.02E-5	-2.38E-5
	CC19	0.0074	-0.0543	-0.0498	-2.93E-4	-4.48E-5	-6.47E-6
	CC20	-0.0086	-0.0414	-0.0575	-2.28E-4	4.22E-5	-8.16E-7
	CC21	-0.0097	-0.0149	-0.0744	-8.81E-5	4.77E-5	1.65E-5
251	CC1	-0.0012	-0.0002	-0.0866	-5.33E-6	8.97E-6	-1.10E-6
	CC2	-0.0012	-0.0002	-0.0866	-5.33E-6	8.97E-6	-1.10E-6
	CC3	-0.0012	-0.0002	-0.0866	-5.33E-6	8.97E-6	-1.10E-6
	CC4	-0.0012	-0.0002	-0.0846	-4.92E-6	8.55E-6	-1.05E-6
	CC5	-0.0012	-0.0002	-0.0846	-4.92E-6	8.55E-6	-1.05E-6
	CC6	0.0143	-0.0314	-0.0560	-2.73E-4	-1.31E-4	-4.02E-5
	CC7	0.0141	-0.0269	-0.0601	-2.34E-4	-1.29E-4	-3.49E-5
	CC8	0.0147	-0.0471	-0.0408	-4.09E-4	-1.35E-4	-4.70E-5
	CC9	0.0145	-0.0426	-0.0450	-3.70E-4	-1.33E-4	-4.18E-5
	CC10	-0.0169	0.0422	-0.1230	3.61E-4	1.49E-4	3.97E-5
	CC11	-0.0170	0.0467	-0.1272	3.99E-4	1.51E-4	4.49E-5
	CC12	-0.0164	0.0265	-0.1078	2.24E-4	1.46E-4	3.29E-5
	CC13	-0.0166	0.0310	-0.1120	2.63E-4	1.48E-4	3.81E-5
	CC14	0.0031	0.0075	-0.0923	6.36E-5	-3.04E-5	-1.03E-5
	CC15	0.0025	0.0223	-0.1061	1.92E-4	-2.42E-5	7.06E-6

	CC16	-0.0062	0.0296	-0.1124	2.54E-4	5.37E-5	1.37E-5
	CC17	-0.0069	0.0444	-0.1262	3.82E-4	5.99E-5	3.10E-5
	CC18	0.0045	-0.0448	-0.0418	-3.91E-4	-4.30E-5	-3.31E-5
	CC19	0.0039	-0.0300	-0.0556	-2.63E-4	-3.69E-5	-1.58E-5
	CC20	-0.0048	-0.0227	-0.0619	-2.01E-4	4.10E-5	-9.13E-6
	CC21	-0.0054	-0.0079	-0.0757	-7.31E-5	4.72E-5	8.19E-6
252	CC1	-0.0004	0.0000	-0.0856	-7.23E-7	8.80E-6	-8.03E-7
	CC2	-0.0004	0.0000	-0.0856	-7.23E-7	8.80E-6	-8.03E-7
	CC3	-0.0004	0.0000	-0.0856	-7.23E-7	8.80E-6	-8.03E-7
	CC4	-0.0004	0.0000	-0.0837	-5.44E-7	8.41E-6	-7.66E-7
	CC5	-0.0004	0.0000	-0.0837	-5.44E-7	8.41E-6	-7.66E-7
	CC6	0.0044	-0.0103	-0.0625	-2.03E-4	-9.07E-5	-2.77E-5
	CC7	0.0044	-0.0088	-0.0655	-1.74E-4	-8.93E-5	-2.40E-5
	CC8	0.0046	-0.0154	-0.0515	-3.05E-4	-9.46E-5	-3.43E-5
	CC9	0.0045	-0.0140	-0.0546	-2.76E-4	-9.31E-5	-3.07E-5
	CC10	-0.0054	0.0140	-0.1115	2.75E-4	1.10E-4	2.92E-5
	CC11	-0.0054	0.0155	-0.1146	3.04E-4	1.11E-4	3.28E-5
	CC12	-0.0052	0.0089	-0.1006	1.73E-4	1.06E-4	2.25E-5
	CC13	-0.0053	0.0103	-0.1036	2.02E-4	1.07E-4	2.62E-5
	CC14	0.0009	0.0025	-0.0889	4.94E-5	-1.78E-5	-4.16E-6
	CC15	0.0008	0.0074	-0.0990	1.45E-4	-1.29E-5	7.88E-6
	CC16	-0.0020	0.0098	-0.1037	1.93E-4	4.23E-5	1.29E-5
	CC17	-0.0022	0.0147	-0.1137	2.89E-4	4.72E-5	2.49E-5
	CC18	0.0013	-0.0146	-0.0524	-2.90E-4	-3.06E-5	-2.64E-5
	CC19	0.0012	-0.0098	-0.0624	-1.94E-4	-2.57E-5	-1.44E-5
	CC20	-0.0016	-0.0073	-0.0671	-1.46E-4	2.95E-5	-9.39E-6
	CC21	-0.0018	-0.0025	-0.0771	-5.04E-5	3.44E-5	2.65E-6
253	CC1	-0.0030	-0.0024	-0.0916	-1.39E-5	-2.30E-6	-4.61E-6
	CC2	-0.0030	-0.0024	-0.0916	-1.39E-5	-2.30E-6	-4.61E-6
	CC3	-0.0030	-0.0024	-0.0916	-1.39E-5	-2.30E-6	-4.61E-6
	CC4	-0.0028	-0.0023	-0.0894	-1.30E-5	-2.15E-6	-4.25E-6
	CC5	-0.0028	-0.0023	-0.0894	-1.30E-5	-2.15E-6	-4.25E-6
	CC6	0.0436	-0.0842	-0.0566	-2.81E-4	-5.49E-5	-4.19E-5
	CC7	0.0417	-0.0723	-0.0534	-2.41E-4	-4.70E-5	-3.70E-5
	CC8	0.0429	-0.1250	-0.0695	-4.23E-4	-8.65E-5	-3.80E-5
	CC9	0.0410	-0.1132	-0.0663	-3.83E-4	-7.86E-5	-3.31E-5
	CC10	-0.0465	0.1087	-0.1111	3.58E-4	7.44E-5	2.49E-5
	CC11	-0.0484	0.1206	-0.1079	3.98E-4	8.23E-5	2.97E-5
	CC12	-0.0472	0.0679	-0.1240	2.16E-4	4.28E-5	2.88E-5
	CC13	-0.0491	0.0797	-0.1208	2.56E-4	5.07E-5	3.36E-5
	CC14	0.0151	0.0173	-0.0642	6.22E-5	1.81E-5	-2.86E-5
	CC15	0.0088	0.0566	-0.0537	1.95E-4	4.43E-5	-1.26E-5
	CC16	-0.0119	0.0752	-0.0806	2.54E-4	5.69E-5	-8.61E-6
	CC17	-0.0183	0.1144	-0.0700	3.86E-4	8.31E-5	7.38E-6
	CC18	0.0127	-0.1189	-0.1073	-4.12E-4	-8.72E-5	-1.56E-5
	CC19	0.0064	-0.0796	-0.0968	-2.79E-4	-6.11E-5	3.60E-7
	CC20	-0.0143	-0.0610	-0.1237	-2.20E-4	-4.85E-5	4.39E-6
	CC21	-0.0206	-0.0217	-0.1131	-8.77E-5	-2.23E-5	2.04E-5
254	CC1	0.0000	0.0000	-0.0855	-2.57E-6	1.91E-5	4.40E-7
	CC2	0.0000	0.0000	-0.0855	-2.57E-6	1.91E-5	4.40E-7
	CC3	0.0000	0.0000	-0.0855	-2.57E-6	1.91E-5	4.40E-7
	CC4	0.0000	0.0000	-0.0835	-2.38E-6	1.84E-5	4.02E-7
	CC5	0.0000	0.0000	-0.0835	-2.38E-6	1.84E-5	4.02E-7
	CC6	0.0010	-0.0031	-0.0757	-5.50E-5	-1.15E-4	-7.80E-5
	CC7	0.0009	-0.0027	-0.0758	-4.73E-5	-1.27E-4	-6.76E-5
	CC8	0.0014	-0.0042	-0.0754	-8.23E-5	-6.36E-5	-1.05E-4
	CC9	0.0012	-0.0038	-0.0755	-7.46E-5	-7.59E-5	-9.45E-5
	CC10	-0.0012	0.0038	-0.0902	7.00E-5	1.12E-4	9.53E-5
	CC11	-0.0014	0.0043	-0.0904	7.77E-5	9.98E-5	1.06E-4
	CC12	-0.0009	0.0028	-0.0899	4.26E-5	1.64E-4	6.84E-5
	CC13	-0.0010	0.0032	-0.0901	5.04E-5	1.51E-4	7.88E-5
	CC14	-0.0001	0.0001	-0.0810	1.16E-5	-8.17E-5	1.94E-6
	CC15	-0.0005	0.0015	-0.0814	3.73E-5	-1.22E-4	3.65E-5
	CC16	-0.0007	0.0022	-0.0853	4.91E-5	-1.35E-5	5.39E-5
	CC17	-0.0012	0.0036	-0.0858	7.48E-5	-5.42E-5	8.85E-5
	CC18	0.0012	-0.0035	-0.0800	-7.94E-5	9.05E-5	-8.77E-5
	CC19	0.0007	-0.0021	-0.0804	-5.38E-5	4.98E-5	-5.32E-5
	CC20	0.0005	-0.0014	-0.0843	-4.20E-5	1.59E-4	-3.57E-5
	CC21	0.0001	0.0000	-0.0848	-1.63E-5	1.18E-4	-1.16E-6
255	CC1	-0.0032	-0.0018	-0.0905	-9.37E-6	2.71E-6	-1.15E-6
	CC2	-0.0032	-0.0018	-0.0905	-9.37E-6	2.71E-6	-1.15E-6
	CC3	-0.0032	-0.0018	-0.0905	-9.37E-6	2.71E-6	-1.15E-6

	CC4	-0.0030	-0.0017	-0.0884	-8.76E-6	2.64E-6	-1.15E-6
	CC5	-0.0030	-0.0017	-0.0884	-8.76E-6	2.64E-6	-1.15E-6
	CC6	0.0289	-0.0632	-0.0554	-2.65E-4	-1.62E-4	-3.20E-5
	CC7	0.0277	-0.0544	-0.0525	-2.27E-4	-1.54E-4	-2.81E-5
	CC8	0.0278	-0.0920	-0.0680	-3.94E-4	-1.71E-4	-2.93E-5
	CC9	0.0266	-0.0832	-0.0651	-3.56E-4	-1.62E-4	-2.54E-5
	CC10	-0.0325	0.0800	-0.1103	3.39E-4	1.68E-4	2.31E-5
	CC11	-0.0337	0.0888	-0.1074	3.77E-4	1.76E-4	2.70E-5
	CC12	-0.0336	0.0511	-0.1229	2.10E-4	1.59E-4	2.58E-5
	CC13	-0.0348	0.0600	-0.1200	2.48E-4	1.68E-4	2.97E-5
	CC14	0.0100	0.0104	-0.0632	5.36E-5	-4.70E-5	-2.04E-5
	CC15	0.0060	0.0395	-0.0536	1.78E-4	-1.79E-5	-7.51E-6
	CC16	-0.0084	0.0533	-0.0797	2.35E-4	5.20E-5	-3.83E-6
	CC17	-0.0124	0.0825	-0.0701	3.59E-4	8.11E-5	9.03E-6
	CC18	0.0065	-0.0857	-0.1053	-3.76E-4	-7.58E-5	-1.13E-5
	CC19	0.0025	-0.0566	-0.0957	-2.52E-4	-4.68E-5	1.52E-6
	CC20	-0.0119	-0.0428	-0.1218	-1.95E-4	2.32E-5	5.20E-6
	CC21	-0.0159	-0.0136	-0.1121	-7.07E-5	5.22E-5	1.81E-5
256	CC1	-0.0026	-0.0010	-0.0895	-6.68E-6	1.05E-5	-1.25E-6
	CC2	-0.0026	-0.0010	-0.0895	-6.68E-6	1.05E-5	-1.25E-6
	CC3	-0.0026	-0.0010	-0.0895	-6.68E-6	1.05E-5	-1.25E-6
	CC4	-0.0024	-0.0010	-0.0874	-6.17E-6	9.80E-6	-1.27E-6
	CC5	-0.0024	-0.0010	-0.0874	-6.17E-6	9.80E-6	-1.27E-6
	CC6	0.0159	-0.0419	-0.0608	-2.25E-4	-1.35E-4	-5.21E-5
	CC7	0.0153	-0.0361	-0.0586	-1.93E-4	-1.30E-4	-4.54E-5
	CC8	0.0149	-0.0604	-0.0706	-3.35E-4	-1.30E-4	-6.27E-5
	CC9	0.0142	-0.0546	-0.0684	-3.03E-4	-1.25E-4	-5.60E-5
	CC10	-0.0190	0.0527	-0.1050	2.91E-4	1.44E-4	5.35E-5
	CC11	-0.0196	0.0585	-0.1028	3.23E-4	1.49E-4	6.02E-5
	CC12	-0.0201	0.0342	-0.1148	1.81E-4	1.49E-4	4.28E-5
	CC13	-0.0207	0.0400	-0.1126	2.13E-4	1.54E-4	4.95E-5
	CC14	0.0056	0.0061	-0.0675	4.74E-5	-4.88E-5	-1.04E-5
	CC15	0.0036	0.0253	-0.0601	1.53E-4	-3.24E-5	1.17E-5
	CC16	-0.0049	0.0345	-0.0807	2.02E-4	3.47E-5	2.13E-5
	CC17	-0.0069	0.0537	-0.0734	3.07E-4	5.11E-5	4.34E-5
	CC18	0.0021	-0.0556	-0.1000	-3.19E-4	-3.20E-5	-4.60E-5
	CC19	0.0001	-0.0364	-0.0926	-2.14E-4	-1.56E-5	-2.38E-5
	CC20	-0.0084	-0.0272	-0.1133	-1.65E-4	5.16E-5	-1.43E-5
	CC21	-0.0104	-0.0080	-0.1059	-5.93E-5	6.80E-5	7.83E-6
257	CC1	-0.0016	-0.0005	-0.0883	-7.20E-6	1.33E-5	-5.69E-7
	CC2	-0.0016	-0.0005	-0.0883	-7.20E-6	1.33E-5	-5.69E-7
	CC3	-0.0016	-0.0005	-0.0883	-7.20E-6	1.33E-5	-5.69E-7
	CC4	-0.0015	-0.0004	-0.0862	-6.77E-6	1.23E-5	-6.11E-7
	CC5	-0.0015	-0.0004	-0.0862	-6.77E-6	1.23E-5	-6.11E-7
	CC6	0.0062	-0.0232	-0.0665	-2.25E-4	-8.84E-5	-7.67E-5
	CC7	0.0060	-0.0200	-0.0650	-1.94E-4	-8.19E-5	-6.65E-5
	CC8	0.0052	-0.0329	-0.0733	-3.26E-4	-9.49E-5	-1.02E-4
	CC9	0.0051	-0.0297	-0.0718	-2.95E-4	-8.84E-5	-9.18E-5
	CC10	-0.0079	0.0289	-0.0993	2.82E-4	1.12E-4	9.05E-5
	CC11	-0.0081	0.0321	-0.0978	3.13E-4	1.19E-4	1.01E-4
	CC12	-0.0089	0.0192	-0.1061	1.81E-4	1.06E-4	6.52E-5
	CC13	-0.0090	0.0224	-0.1046	2.12E-4	1.12E-4	7.54E-5
	CC14	0.0025	0.0026	-0.0718	3.50E-5	-1.81E-5	-3.49E-7
	CC15	0.0020	0.0132	-0.0668	1.38E-4	3.43E-6	3.34E-5
	CC16	-0.0017	0.0183	-0.0817	1.87E-4	4.21E-5	4.98E-5
	CC17	-0.0022	0.0288	-0.0766	2.90E-4	6.37E-5	8.35E-5
	CC18	-0.0006	-0.0296	-0.0944	-3.03E-4	-3.97E-5	-8.48E-5
	CC19	-0.0012	-0.0191	-0.0894	-2.00E-4	-1.82E-5	-5.11E-5
	CC20	-0.0049	-0.0140	-0.1043	-1.51E-4	2.05E-5	-3.46E-5
	CC21	-0.0054	-0.0035	-0.0992	-4.82E-5	4.21E-5	-9.02E-7
258	CC1	-0.0018	-0.0021	-0.0883	-1.24E-5	-2.66E-6	-4.31E-6
	CC2	-0.0018	-0.0021	-0.0883	-1.24E-5	-2.66E-6	-4.31E-6
	CC3	-0.0018	-0.0021	-0.0883	-1.24E-5	-2.66E-6	-4.31E-6
	CC4	-0.0017	-0.0020	-0.0863	-1.16E-5	-2.51E-6	-3.92E-6
	CC5	-0.0017	-0.0020	-0.0863	-1.16E-5	-2.51E-6	-3.92E-6
	CC6	0.0400	-0.0839	-0.0469	-2.81E-4	-5.64E-5	-4.15E-5
	CC7	0.0394	-0.0720	-0.0527	-2.41E-4	-4.82E-5	-3.67E-5
	CC8	0.0409	-0.1247	-0.0258	-4.29E-4	-8.93E-5	-3.76E-5
	CC9	0.0404	-0.1129	-0.0316	-3.89E-4	-8.12E-5	-3.28E-5
	CC10	-0.0438	0.1091	-0.1396	3.66E-4	7.62E-5	2.52E-5
	CC11	-0.0443	0.1209	-0.1454	4.06E-4	8.43E-5	3.00E-5
	CC12	-0.0429	0.0682	-0.1185	2.18E-4	4.33E-5	2.91E-5

	CC13	-0.0434	0.0801	-0.1243	2.59E-4	5.14E-5	3.39E-5
	CC14	0.0101	0.0176	-0.0972	7.06E-5	1.91E-5	-2.83E-5
	CC15	0.0084	0.0569	-0.1165	2.04E-4	4.59E-5	-1.23E-5
	CC16	-0.0150	0.0755	-0.1250	2.65E-4	5.89E-5	-8.27E-6
	CC17	-0.0167	0.1147	-0.1443	3.98E-4	8.57E-5	7.72E-6
	CC18	0.0133	-0.1186	-0.0270	-4.21E-4	-9.06E-5	-1.53E-5
	CC19	0.0116	-0.0793	-0.0462	-2.88E-4	-6.38E-5	6.94E-7
	CC20	-0.0118	-0.0607	-0.0548	-2.27E-4	-5.09E-5	4.72E-6
	CC21	-0.0136	-0.0214	-0.0740	-9.34E-5	-2.40E-5	2.07E-5
259	CC1	0.0000	0.0000	-0.0850	-2.88E-6	9.26E-6	1.11E-6
	CC2	0.0000	0.0000	-0.0850	-2.88E-6	9.26E-6	1.11E-6
	CC3	0.0000	0.0000	-0.0850	-2.88E-6	9.26E-6	1.11E-6
	CC4	0.0000	0.0000	-0.0831	-2.75E-6	9.16E-6	1.07E-6
	CC5	0.0000	0.0000	-0.0831	-2.75E-6	9.16E-6	1.07E-6
	CC6	-0.0003	-0.0032	-0.0670	4.83E-5	-8.32E-5	-7.40E-5
	CC7	-0.0002	-0.0027	-0.0693	5.34E-5	-7.04E-5	-6.40E-5
	CC8	-0.0004	-0.0043	-0.0591	2.87E-5	-1.23E-4	-9.96E-5
	CC9	-0.0003	-0.0038	-0.0614	3.38E-5	-1.10E-4	-8.96E-5
	CC10	0.0003	0.0039	-0.1035	-3.92E-5	1.29E-4	9.17E-5
	CC11	0.0004	0.0043	-0.1057	-3.41E-5	1.41E-4	1.02E-4
	CC12	0.0002	0.0028	-0.0956	-5.88E-5	8.87E-5	6.61E-5
	CC13	0.0003	0.0032	-0.0979	-5.37E-5	1.01E-4	7.62E-5
	CC14	0.0000	0.0001	-0.0863	3.46E-5	2.30E-5	2.24E-6
	CC15	0.0002	0.0015	-0.0938	5.16E-5	6.52E-5	3.54E-5
	CC16	0.0002	0.0022	-0.0973	8.33E-6	8.65E-5	5.20E-5
	CC17	0.0003	0.0036	-0.1047	2.54E-5	1.29E-4	8.51E-5
	CC18	-0.0003	-0.0035	-0.0601	-3.08E-5	-1.10E-4	-8.30E-5
	CC19	-0.0002	-0.0021	-0.0676	-1.37E-5	-6.83E-5	-4.98E-5
	CC20	-0.0002	-0.0014	-0.0711	-5.70E-5	-4.69E-5	-3.33E-5
	CC21	0.0000	0.0000	-0.0785	-4.00E-5	-4.72E-6	-1.16E-7
260	CC1	-0.0018	-0.0014	-0.0878	-9.22E-6	2.56E-6	-1.22E-6
	CC2	-0.0018	-0.0014	-0.0878	-9.22E-6	2.56E-6	-1.22E-6
	CC3	-0.0018	-0.0014	-0.0878	-9.22E-6	2.56E-6	-1.22E-6
	CC4	-0.0017	-0.0013	-0.0858	-8.59E-6	2.45E-6	-1.11E-6
	CC5	-0.0017	-0.0013	-0.0858	-8.59E-6	2.45E-6	-1.11E-6
	CC6	0.0270	-0.0627	-0.0498	-2.67E-4	-1.47E-4	-3.73E-5
	CC7	0.0263	-0.0539	-0.0551	-2.29E-4	-1.48E-4	-3.26E-5
	CC8	0.0284	-0.0914	-0.0318	-3.97E-4	-1.34E-4	-3.70E-5
	CC9	0.0278	-0.0826	-0.0370	-3.59E-4	-1.36E-4	-3.23E-5
	CC10	-0.0312	0.0801	-0.1333	3.42E-4	1.41E-4	3.01E-5
	CC11	-0.0318	0.0889	-0.1385	3.80E-4	1.39E-4	3.48E-5
	CC12	-0.0298	0.0514	-0.1153	2.12E-4	1.53E-4	3.04E-5
	CC13	-0.0304	0.0602	-0.1205	2.50E-4	1.52E-4	3.51E-5
	CC14	0.0057	0.0106	-0.0941	5.46E-5	-5.83E-5	-1.95E-5
	CC15	0.0036	0.0397	-0.1114	1.80E-4	-6.41E-5	-3.87E-6
	CC16	-0.0118	0.0535	-0.1191	2.37E-4	2.81E-5	7.44E-7
	CC17	-0.0139	0.0825	-0.1364	3.62E-4	2.22E-5	1.63E-5
	CC18	0.0104	-0.0850	-0.0339	-3.79E-4	-1.74E-5	-1.85E-5
	CC19	0.0083	-0.0560	-0.0512	-2.54E-4	-2.32E-5	-2.90E-6
	CC20	-0.0070	-0.0422	-0.0589	-1.96E-4	6.90E-5	1.71E-6
	CC21	-0.0091	-0.0132	-0.0763	-7.13E-5	6.31E-5	1.73E-5
261	CC1	-0.0014	-0.0007	-0.0873	-7.56E-6	6.14E-6	-2.24E-7
	CC2	-0.0014	-0.0007	-0.0873	-7.56E-6	6.14E-6	-2.24E-7
	CC3	-0.0014	-0.0007	-0.0873	-7.56E-6	6.14E-6	-2.24E-7
	CC4	-0.0014	-0.0006	-0.0853	-7.06E-6	5.86E-6	-1.57E-7
	CC5	-0.0014	-0.0006	-0.0853	-7.06E-6	5.86E-6	-1.57E-7
	CC6	0.0154	-0.0414	-0.0540	-2.22E-4	-1.24E-4	-5.24E-5
	CC7	0.0147	-0.0357	-0.0585	-1.91E-4	-1.23E-4	-4.53E-5
	CC8	0.0171	-0.0598	-0.0386	-3.30E-4	-1.26E-4	-6.41E-5
	CC9	0.0164	-0.0541	-0.0431	-2.99E-4	-1.25E-4	-5.70E-5
	CC10	-0.0192	0.0529	-0.1262	2.85E-4	1.36E-4	5.67E-5
	CC11	-0.0198	0.0587	-0.1307	3.16E-4	1.38E-4	6.38E-5
	CC12	-0.0174	0.0345	-0.1108	1.77E-4	1.34E-4	4.50E-5
	CC13	-0.0181	0.0403	-0.1153	2.08E-4	1.36E-4	5.21E-5
	CC14	0.0020	0.0064	-0.0919	4.56E-5	-3.23E-5	-8.81E-6
	CC15	-0.0001	0.0255	-0.1069	1.49E-4	-2.73E-5	1.47E-5
	CC16	-0.0083	0.0347	-0.1136	1.98E-4	4.57E-5	2.39E-5
	CC17	-0.0104	0.0538	-0.1286	3.01E-4	5.08E-5	4.74E-5
	CC18	0.0077	-0.0550	-0.0407	-3.15E-4	-3.92E-5	-4.77E-5
	CC19	0.0056	-0.0358	-0.0557	-2.12E-4	-3.42E-5	-2.42E-5
	CC20	-0.0026	-0.0267	-0.0624	-1.63E-4	3.89E-5	-1.49E-5
	CC21	-0.0047	-0.0076	-0.0773	-5.94E-5	4.39E-5	8.54E-6

262	CC1	-0.0008	-0.0002	-0.0866	-2.92E-6	7.36E-6	1.36E-6
	CC2	-0.0008	-0.0002	-0.0866	-2.92E-6	7.36E-6	1.36E-6
	CC3	-0.0008	-0.0002	-0.0866	-2.92E-6	7.36E-6	1.36E-6
	CC4	-0.0008	-0.0001	-0.0846	-2.56E-6	6.99E-6	1.37E-6
	CC5	-0.0008	-0.0001	-0.0846	-2.56E-6	6.99E-6	1.37E-6
	CC6	0.0066	-0.0228	-0.0581	-2.24E-4	-7.77E-5	-7.19E-5
	CC7	0.0061	-0.0197	-0.0619	-1.92E-4	-7.72E-5	-6.19E-5
	CC8	0.0082	-0.0325	-0.0453	-3.26E-4	-7.66E-5	-9.60E-5
	CC9	0.0077	-0.0293	-0.0491	-2.95E-4	-7.61E-5	-8.60E-5
	CC10	-0.0093	0.0290	-0.1189	2.90E-4	8.98E-5	8.88E-5
	CC11	-0.0098	0.0322	-0.1227	3.21E-4	9.03E-5	9.88E-5
	CC12	-0.0077	0.0194	-0.1061	1.88E-4	9.09E-5	6.47E-5
	CC13	-0.0083	0.0226	-0.1099	2.19E-4	9.15E-5	7.47E-5
	CC14	-0.0002	0.0029	-0.0899	3.84E-5	-2.11E-5	8.80E-7
	CC15	-0.0019	0.0134	-0.1025	1.43E-4	-1.93E-5	3.40E-5
	CC16	-0.0050	0.0185	-0.1081	1.93E-4	2.92E-5	4.91E-5
	CC17	-0.0067	0.0289	-0.1207	2.97E-4	3.09E-5	8.22E-5
	CC18	0.0051	-0.0292	-0.0473	-3.02E-4	-1.72E-5	-7.95E-5
	CC19	0.0033	-0.0187	-0.0599	-1.97E-4	-1.55E-5	-4.63E-5
	CC20	0.0003	-0.0137	-0.0655	-1.48E-4	3.30E-5	-3.13E-5
	CC21	-0.0014	-0.0032	-0.0781	-4.33E-5	3.48E-5	1.86E-6
263	CC1	-0.0010	-0.0027	-0.1068	-1.98E-5	7.12E-6	1.66E-6
	CC2	-0.0010	-0.0027	-0.1068	-1.98E-5	7.12E-6	1.66E-6
	CC3	-0.0010	-0.0027	-0.1068	-1.98E-5	7.12E-6	1.66E-6
	CC4	-0.0009	-0.0025	-0.1029	-1.86E-5	6.46E-6	1.55E-6
	CC5	-0.0009	-0.0025	-0.1029	-1.86E-5	6.46E-6	1.55E-6
	CC6	0.0453	-0.0062	-0.0740	-1.29E-5	8.42E-5	-3.62E-5
	CC7	0.0434	-0.0043	-0.0747	-7.06E-6	8.07E-5	-3.14E-5
	CC8	0.0446	-0.0551	-0.0771	-2.31E-4	8.30E-5	-3.23E-5
	CC9	0.0427	-0.0533	-0.0778	-2.25E-4	7.95E-5	-2.75E-5
	CC10	-0.0446	0.0484	-0.1254	1.89E-4	-6.70E-5	3.05E-5
	CC11	-0.0464	0.0502	-0.1261	1.94E-4	-7.05E-5	3.53E-5
	CC12	-0.0452	-0.0006	-0.1285	-2.92E-5	-6.82E-5	3.44E-5
	CC13	-0.0471	0.0013	-0.1292	-2.34E-5	-7.17E-5	3.92E-5
	CC14	0.0168	0.0679	-0.0875	3.05E-4	3.66E-5	-2.30E-5
	CC15	0.0106	0.0740	-0.0898	3.24E-4	2.50E-5	-6.99E-6
	CC16	-0.0102	0.0843	-0.1030	3.66E-4	-8.73E-6	-2.97E-6
	CC17	-0.0164	0.0903	-0.1052	3.85E-4	-2.04E-5	1.30E-5
	CC18	0.0145	-0.0952	-0.0980	-4.21E-4	3.28E-5	-9.99E-6
	CC19	0.0084	-0.0892	-0.1002	-4.02E-4	2.12E-5	6.00E-6
	CC20	-0.0124	-0.0789	-0.1134	-3.61E-4	-1.25E-5	1.00E-5
	CC21	-0.0186	-0.0728	-0.1157	-3.41E-4	-2.41E-5	2.60E-5
264	CC1	-0.0009	-0.0029	-0.1059	-1.91E-5	2.08E-6	1.11E-6
	CC2	-0.0009	-0.0029	-0.1059	-1.91E-5	2.08E-6	1.11E-6
	CC3	-0.0009	-0.0029	-0.1059	-1.91E-5	2.08E-6	1.11E-6
	CC4	-0.0008	-0.0027	-0.1021	-1.79E-5	1.81E-6	9.93E-7
	CC5	-0.0008	-0.0027	-0.1021	-1.79E-5	1.81E-6	9.93E-7
	CC6	0.0454	-0.0003	-0.0755	1.13E-5	-9.97E-5	-3.68E-5
	CC7	0.0435	0.0007	-0.0761	1.41E-5	-9.53E-5	-3.19E-5
	CC8	0.0447	-0.0499	-0.0787	-2.10E-4	-1.00E-4	-3.29E-5
	CC9	0.0429	-0.0488	-0.0793	-2.08E-4	-9.60E-5	-2.80E-5
	CC10	-0.0444	0.0435	-0.1224	1.73E-4	9.94E-5	3.00E-5
	CC11	-0.0463	0.0446	-0.1230	1.75E-4	1.04E-4	3.48E-5
	CC12	-0.0451	-0.0061	-0.1256	-4.91E-5	9.88E-5	3.39E-5
	CC13	-0.0470	-0.0050	-0.1262	-4.63E-5	1.03E-4	3.87E-5
	CC14	0.0169	0.0716	-0.0874	3.23E-4	-3.43E-5	-2.35E-5
	CC15	0.0107	0.0751	-0.0894	3.32E-4	-1.98E-5	-7.56E-6
	CC16	-0.0101	0.0848	-0.1015	3.71E-4	2.54E-5	-3.53E-6
	CC17	-0.0162	0.0883	-0.1035	3.81E-4	4.00E-5	1.25E-5
	CC18	0.0146	-0.0936	-0.0982	-4.16E-4	-3.65E-5	-1.06E-5
	CC19	0.0085	-0.0901	-0.1002	-4.06E-4	-2.20E-5	5.44E-6
	CC20	-0.0123	-0.0804	-0.1122	-3.67E-4	2.32E-5	9.47E-6
	CC21	-0.0185	-0.0770	-0.1142	-3.58E-4	3.78E-5	2.55E-5
265	CC1	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	2.28E-1
	CC2	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	2.28E-1
	CC3	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	2.28E-1
	CC4	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	2.23E-1
	CC5	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	2.23E-1
	CC6	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	3.35E-9
	CC7	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	3.80E-9
	CC8	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	2.69E-9
	CC9	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	3.14E-9

	CC10	0.0000	0.0000	-0.1057	0.00E+0	0.00E+0	-2.70E-9
	CC11	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	-2.25E-9
	CC12	0.0000	0.0000	-0.1084	0.00E+0	0.00E+0	-3.36E-9
	CC13	0.0000	0.0000	-0.1085	0.00E+0	0.00E+0	-2.91E-9
	CC14	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	1.48E-9
	CC15	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	2.98E-9
	CC16	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-3.33E-1
	CC17	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	1.16E-9
	CC18	0.0000	0.0000	-0.0946	0.00E+0	0.00E+0	-7.18E-1
	CC19	0.0000	0.0000	-0.0950	0.00E+0	0.00E+0	7.75E-1
	CC20	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	-2.53E-9
	CC21	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	-1.04E-9
266	CC1	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.26E-1
	CC2	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.26E-1
	CC3	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.26E-1
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.28E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.28E-1
	CC6	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	9.81E-9
	CC7	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	8.83E-9
	CC8	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	6.96E-9
	CC9	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	5.98E-9
	CC10	0.0000	0.0000	-0.1037	0.00E+0	0.00E+0	-5.73E-9
	CC11	0.0000	0.0000	-0.1037	0.00E+0	0.00E+0	-6.70E-9
	CC12	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	-8.58E-9
	CC13	0.0000	0.0000	-0.1064	0.00E+0	0.00E+0	-9.55E-9
	CC14	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	8.83E-9
	CC15	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	5.59E-9
	CC16	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	4.17E-9
	CC17	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	9.33E-1
	CC18	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-6.76E-1
	CC19	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	-3.91E-9
	CC20	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	-5.34E-9
	CC21	0.0000	0.0000	-0.1021	0.00E+0	0.00E+0	-8.57E-9
267	CC1	-0.0004	-0.0010	-0.1056	-1.21E-5	5.76E-6	1.51E-6
	CC2	-0.0004	-0.0010	-0.1056	-1.21E-5	5.76E-6	1.51E-6
	CC3	-0.0004	-0.0010	-0.1056	-1.21E-5	5.76E-6	1.51E-6
	CC4	-0.0004	-0.0010	-0.1017	-1.13E-5	5.25E-6	1.44E-6
	CC5	-0.0004	-0.0010	-0.1017	-1.13E-5	5.25E-6	1.44E-6
	CC6	0.0346	-0.0072	-0.0760	-3.83E-5	-1.56E-4	-2.71E-5
	CC7	0.0332	-0.0056	-0.0766	-2.92E-5	-1.49E-4	-2.34E-5
	CC8	0.0341	-0.0377	-0.0790	-2.35E-4	-1.53E-4	-2.43E-5
	CC9	0.0327	-0.0361	-0.0795	-2.26E-4	-1.47E-4	-2.07E-5
	CC10	-0.0335	0.0342	-0.1214	2.04E-4	1.57E-4	2.35E-5
	CC11	-0.0349	0.0358	-0.1219	2.13E-4	1.64E-4	2.72E-5
	CC12	-0.0341	0.0037	-0.1243	7.05E-6	1.59E-4	2.63E-5
	CC13	-0.0355	0.0053	-0.1249	1.62E-5	1.66E-4	2.99E-5
	CC14	0.0131	0.0410	-0.0879	2.66E-4	-5.63E-5	-1.67E-5
	CC15	0.0084	0.0464	-0.0896	2.96E-4	-3.47E-5	-4.65E-6
	CC16	-0.0074	0.0534	-0.1015	3.39E-4	3.76E-5	-1.55E-6
	CC17	-0.0120	0.0588	-0.1032	3.69E-4	5.92E-5	1.05E-5
	CC18	0.0112	-0.0607	-0.0976	-3.91E-4	-4.90E-5	-7.69E-6
	CC19	0.0066	-0.0553	-0.0994	-3.61E-4	-2.74E-5	4.39E-6
	CC20	-0.0092	-0.0483	-0.1112	-3.18E-4	4.48E-5	7.49E-6
	CC21	-0.0139	-0.0429	-0.1130	-2.88E-4	6.64E-5	1.96E-5
268	CC1	-0.0001	-0.0003	-0.1034	-5.34E-6	2.56E-6	1.05E-6
	CC2	-0.0001	-0.0003	-0.1034	-5.34E-6	2.56E-6	1.05E-6
	CC3	-0.0001	-0.0003	-0.1034	-5.34E-6	2.56E-6	1.05E-6
	CC4	-0.0001	-0.0003	-0.0997	-5.01E-6	2.48E-6	1.00E-6
	CC5	-0.0001	-0.0003	-0.0997	-5.01E-6	2.48E-6	1.00E-6
	CC6	0.0198	-0.0039	-0.0768	-3.66E-5	-1.76E-4	-1.80E-5
	CC7	0.0190	-0.0030	-0.0773	-2.83E-5	-1.69E-4	-1.56E-5
	CC8	0.0195	-0.0189	-0.0797	-1.93E-4	-1.73E-4	-1.63E-5
	CC9	0.0187	-0.0180	-0.0801	-1.85E-4	-1.66E-4	-1.39E-5
	CC10	-0.0189	0.0175	-0.1167	1.75E-4	1.71E-4	1.58E-5
	CC11	-0.0197	0.0183	-0.1172	1.83E-4	1.78E-4	1.83E-5
	CC12	-0.0192	0.0025	-0.1196	1.85E-5	1.74E-4	1.76E-5
	CC13	-0.0200	0.0033	-0.1200	2.68E-5	1.81E-4	2.00E-5
	CC14	0.0075	0.0201	-0.0870	2.10E-4	-6.62E-5	-1.10E-5
	CC15	0.0049	0.0229	-0.0884	2.38E-4	-4.25E-5	-2.96E-6
	CC16	-0.0041	0.0265	-0.0990	2.74E-4	3.80E-5	-8.69E-7
	CC17	-0.0067	0.0293	-0.1004	3.01E-4	6.16E-5	7.20E-6
	CC18	0.0065	-0.0299	-0.0965	-3.11E-4	-5.67E-5	-5.22E-6

	CC19	0.0038	-0.0271	-0.0979	-2.83E-4	-3.31E-5	2.85E-6
	CC20	-0.0052	-0.0235	-0.1084	-2.47E-4	4.74E-5	4.93E-6
	CC21	-0.0078	-0.0207	-0.1098	-2.20E-4	7.10E-5	1.30E-5
269	CC1	0.0000	0.0000	-0.1011	-1.30E-6	7.83E-7	5.38E-7
	CC2	0.0000	0.0000	-0.1011	-1.30E-6	7.83E-7	5.38E-7
	CC3	0.0000	0.0000	-0.1011	-1.30E-6	7.83E-7	5.38E-7
	CC4	0.0000	0.0000	-0.0975	-1.22E-6	8.68E-7	5.15E-7
	CC5	0.0000	0.0000	-0.0975	-1.22E-6	8.68E-7	5.15E-7
	CC6	0.0061	-0.0011	-0.0780	-2.40E-5	-1.27E-4	-8.93E-6
	CC7	0.0059	-0.0009	-0.0783	-1.87E-5	-1.22E-4	-7.73E-6
	CC8	0.0060	-0.0053	-0.0808	-1.15E-4	-1.25E-4	-7.82E-6
	CC9	0.0058	-0.0050	-0.0811	-1.09E-4	-1.20E-4	-6.62E-6
	CC10	-0.0058	0.0049	-0.1116	1.07E-4	1.22E-4	7.63E-6
	CC11	-0.0060	0.0052	-0.1119	1.12E-4	1.27E-4	8.84E-6
	CC12	-0.0059	0.0008	-0.1143	1.64E-5	1.24E-4	8.74E-6
	CC13	-0.0061	0.0011	-0.1146	2.16E-5	1.29E-4	9.94E-6
	CC14	0.0024	0.0055	-0.0862	1.22E-4	-4.85E-5	-5.81E-6
	CC15	0.0015	0.0063	-0.0872	1.39E-4	-3.17E-5	-1.83E-6
	CC16	-0.0012	0.0073	-0.0963	1.61E-4	2.62E-5	-8.44E-7
	CC17	-0.0020	0.0081	-0.0973	1.78E-4	4.31E-5	3.14E-6
	CC18	0.0020	-0.0082	-0.0954	-1.81E-4	-4.13E-5	-2.12E-6
	CC19	0.0012	-0.0074	-0.0964	-1.63E-4	-2.44E-5	1.86E-6
	CC20	-0.0016	-0.0064	-0.1054	-1.41E-4	3.34E-5	2.85E-6
	CC21	-0.0024	-0.0056	-0.1064	-1.24E-4	5.03E-5	6.83E-6
270	CC1	-0.0007	-0.0015	-0.1043	-1.34E-5	2.34E-6	1.93E-7
	CC2	-0.0007	-0.0015	-0.1043	-1.34E-5	2.34E-6	1.93E-7
	CC3	-0.0007	-0.0015	-0.1043	-1.34E-5	2.34E-6	1.93E-7
	CC4	-0.0006	-0.0014	-0.1006	-1.25E-5	2.12E-6	1.50E-7
	CC5	-0.0006	-0.0014	-0.1006	-1.25E-5	2.12E-6	1.50E-7
	CC6	0.0319	0.0016	-0.0868	1.54E-5	-1.60E-4	-2.62E-5
	CC7	0.0306	0.0020	-0.0868	1.75E-5	-1.53E-4	-2.27E-5
	CC8	0.0314	-0.0297	-0.0899	-1.88E-4	-1.58E-4	-2.48E-5
	CC9	0.0301	-0.0293	-0.0899	-1.86E-4	-1.51E-4	-2.14E-5
	CC10	-0.0313	0.0266	-0.1088	1.62E-4	1.55E-4	2.16E-5
	CC11	-0.0326	0.0270	-0.1088	1.64E-4	1.62E-4	2.50E-5
	CC12	-0.0318	-0.0047	-0.1119	-4.20E-5	1.57E-4	2.30E-5
	CC13	-0.0331	-0.0043	-0.1119	-3.99E-5	1.64E-4	2.64E-5
	CC14	0.0119	0.0463	-0.0908	3.02E-4	-5.96E-5	-1.50E-5
	CC15	0.0076	0.0478	-0.0909	3.08E-4	-3.78E-5	-3.72E-6
	CC16	-0.0070	0.0538	-0.0974	3.45E-4	3.50E-5	-6.74E-7
	CC17	-0.0113	0.0553	-0.0975	3.52E-4	5.68E-5	1.06E-5
	CC18	0.0101	-0.0580	-0.1012	-3.77E-4	-5.27E-5	-1.03E-5
	CC19	0.0058	-0.0566	-0.1013	-3.70E-4	-3.09E-5	9.44E-7
	CC20	-0.0089	-0.0505	-0.1078	-3.33E-4	4.19E-5	3.99E-6
	CC21	-0.0131	-0.0491	-0.1079	-3.26E-4	6.36E-5	1.53E-5
271	CC1	-0.0005	-0.0006	-0.1026	-7.64E-6	3.40E-6	6.79E-8
	CC2	-0.0005	-0.0006	-0.1026	-7.64E-6	3.40E-6	6.79E-8
	CC3	-0.0005	-0.0006	-0.1026	-7.64E-6	3.40E-6	6.79E-8
	CC4	-0.0004	-0.0006	-0.0990	-7.13E-6	3.12E-6	4.47E-8
	CC5	-0.0004	-0.0006	-0.0990	-7.13E-6	3.12E-6	4.47E-8
	CC6	0.0184	0.0006	-0.0866	8.05E-6	-1.50E-4	-1.58E-5
	CC7	0.0177	0.0008	-0.0866	1.03E-5	-1.44E-4	-1.37E-5
	CC8	0.0181	-0.0148	-0.0896	-1.52E-4	-1.48E-4	-1.62E-5
	CC9	0.0173	-0.0145	-0.0896	-1.50E-4	-1.41E-4	-1.41E-5
	CC10	-0.0181	0.0134	-0.1061	1.36E-4	1.47E-4	1.42E-5
	CC11	-0.0189	0.0137	-0.1061	1.39E-4	1.54E-4	1.63E-5
	CC12	-0.0185	-0.0019	-0.1090	-2.42E-5	1.50E-4	1.38E-5
	CC13	-0.0192	-0.0017	-0.1090	-2.20E-5	1.56E-4	1.59E-5
	CC14	0.0069	0.0227	-0.0900	2.37E-4	-5.58E-5	-7.25E-6
	CC15	0.0044	0.0235	-0.0900	2.45E-4	-3.56E-5	-3.06E-7
	CC16	-0.0041	0.0266	-0.0958	2.76E-4	3.34E-5	1.76E-6
	CC17	-0.0065	0.0274	-0.0958	2.83E-4	5.36E-5	8.70E-6
	CC18	0.0057	-0.0285	-0.0998	-2.97E-4	-4.76E-5	-8.63E-6
	CC19	0.0033	-0.0277	-0.0998	-2.90E-4	-2.74E-5	-1.68E-6
	CC20	-0.0052	-0.0246	-0.1057	-2.59E-4	4.17E-5	3.80E-7
	CC21	-0.0077	-0.0238	-0.1056	-2.51E-4	6.19E-5	7.32E-6
272	CC1	-0.0002	-0.0001	-0.1009	-3.26E-6	3.58E-6	1.41E-8
	CC2	-0.0002	-0.0001	-0.1009	-3.26E-6	3.58E-6	1.41E-8
	CC3	-0.0002	-0.0001	-0.1009	-3.26E-6	3.58E-6	1.41E-8
	CC4	-0.0002	-0.0001	-0.0974	-3.03E-6	3.29E-6	4.96E-9
	CC5	-0.0002	-0.0001	-0.0974	-3.03E-6	3.29E-6	4.96E-9
	CC6	0.0064	0.0001	-0.0862	3.10E-6	-1.21E-4	-7.09E-6

	CC7	0.0061	0.0002	-0.0862	4.63E-6	-1.17E-4	-6.14E-6
	CC8	0.0063	-0.0041	-0.0890	-8.97E-5	-1.19E-4	-7.91E-6
	CC9	0.0060	-0.0040	-0.0890	-8.82E-5	-1.14E-4	-6.96E-6
	CC10	-0.0063	0.0038	-0.1035	8.23E-5	1.21E-4	6.96E-6
	CC11	-0.0066	0.0038	-0.1034	8.38E-5	1.25E-4	7.91E-6
	CC12	-0.0065	-0.0004	-0.1062	-1.05E-5	1.23E-4	6.14E-6
	CC13	-0.0067	-0.0004	-0.1062	-9.01E-6	1.28E-4	7.09E-6
	CC14	0.0024	0.0062	-0.0891	1.37E-4	-4.52E-5	-2.31E-6
	CC15	0.0015	0.0064	-0.0889	1.42E-4	-2.90E-5	8.41E-7
	CC16	-0.0014	0.0073	-0.0942	1.61E-4	2.74E-5	1.90E-6
	CC17	-0.0023	0.0075	-0.0940	1.66E-4	4.36E-5	5.06E-6
	CC18	0.0020	-0.0078	-0.0984	-1.72E-4	-3.72E-5	-5.05E-6
	CC19	0.0011	-0.0075	-0.0982	-1.67E-4	-2.10E-5	-1.90E-6
	CC20	-0.0019	-0.0067	-0.1035	-1.48E-4	3.54E-5	-8.37E-7
	CC21	-0.0027	-0.0065	-0.1033	-1.43E-4	5.16E-5	2.32E-6
273	CC1	-0.0006	-0.0029	-0.1063	-1.83E-5	-6.12E-6	-1.89E-6
	CC2	-0.0006	-0.0029	-0.1063	-1.83E-5	-6.12E-6	-1.89E-6
	CC3	-0.0006	-0.0029	-0.1063	-1.83E-5	-6.12E-6	-1.89E-6
	CC4	-0.0006	-0.0027	-0.1025	-1.71E-5	-5.76E-6	-1.81E-6
	CC5	-0.0006	-0.0027	-0.1025	-1.71E-5	-5.76E-6	-1.81E-6
	CC6	0.0456	0.0067	-0.0950	4.38E-5	-7.71E-5	-3.95E-5
	CC7	0.0438	0.0069	-0.0947	4.28E-5	-7.41E-5	-3.47E-5
	CC8	0.0450	-0.0436	-0.0981	-1.85E-4	-7.81E-5	-3.56E-5
	CC9	0.0431	-0.0434	-0.0979	-1.86E-4	-7.51E-5	-3.08E-5
	CC10	-0.0442	0.0381	-0.1045	1.53E-4	6.39E-5	2.72E-5
	CC11	-0.0461	0.0383	-0.1043	1.52E-4	6.69E-5	3.20E-5
	CC12	-0.0449	-0.0122	-0.1077	-7.63E-5	6.28E-5	3.11E-5
	CC13	-0.0467	-0.0120	-0.1075	-7.73E-5	6.58E-5	3.59E-5
	CC14	0.0171	0.0762	-0.0949	3.50E-4	-3.00E-5	-2.63E-5
	CC15	0.0110	0.0767	-0.0940	3.47E-4	-2.01E-5	-1.03E-5
	CC16	-0.0098	0.0857	-0.0978	3.83E-4	1.23E-5	-6.27E-6
	CC17	-0.0160	0.0861	-0.0969	3.80E-4	2.22E-5	9.72E-6
	CC18	0.0149	-0.0914	-0.1055	-4.13E-4	-3.34E-5	-1.33E-5
	CC19	0.0087	-0.0909	-0.1047	-4.17E-4	-2.36E-5	-2.70E-6
	CC20	-0.0121	-0.0820	-0.1084	-3.80E-4	8.85E-6	6.73E-6
	CC21	-0.0182	-0.0815	-0.1076	-3.84E-4	1.87E-5	2.27E-5
274	CC1	-0.0005	-0.0027	-0.1066	-1.74E-5	-2.75E-6	-2.70E-6
	CC2	-0.0005	-0.0027	-0.1066	-1.74E-5	-2.75E-6	-2.70E-6
	CC3	-0.0005	-0.0027	-0.1066	-1.74E-5	-2.75E-6	-2.70E-6
	CC4	-0.0004	-0.0025	-0.1028	-1.62E-5	-2.64E-6	-2.60E-6
	CC5	-0.0004	-0.0025	-0.1028	-1.62E-5	-2.64E-6	-2.60E-6
	CC6	0.0458	0.0103	-0.1061	6.06E-5	-9.23E-5	-4.03E-5
	CC7	0.0439	0.0100	-0.1055	5.76E-5	-8.85E-5	-3.55E-5
	CC8	0.0451	-0.0403	-0.1092	-1.72E-4	-9.30E-5	-3.64E-5
	CC9	0.0433	-0.0406	-0.1087	-1.75E-4	-8.92E-5	-3.16E-5
	CC10	-0.0440	0.0357	-0.0944	1.43E-4	8.40E-5	2.64E-5
	CC11	-0.0459	0.0355	-0.0938	1.40E-4	8.78E-5	3.13E-5
	CC12	-0.0447	-0.0149	-0.0975	-8.93E-5	8.33E-5	3.03E-5
	CC13	-0.0466	-0.0152	-0.0970	-9.23E-5	8.71E-5	3.52E-5
	CC14	0.0173	0.0786	-0.0990	3.64E-4	-3.42E-5	-2.71E-5
	CC15	0.0111	0.0777	-0.0971	3.55E-4	-2.15E-5	-1.11E-5
	CC16	-0.0097	0.0863	-0.0955	3.89E-4	1.87E-5	-7.05E-6
	CC17	-0.0158	0.0853	-0.0936	3.79E-4	3.14E-5	8.94E-6
	CC18	0.0150	-0.0902	-0.1095	-4.11E-4	-3.66E-5	-1.41E-5
	CC19	0.0089	-0.0912	-0.1075	-4.21E-4	-2.39E-5	1.92E-6
	CC20	-0.0119	-0.0826	-0.1060	-3.86E-4	1.63E-5	5.95E-6
	CC21	-0.0181	-0.0835	-0.1040	-3.96E-4	2.90E-5	2.19E-5
275	CC1	-0.0003	-0.0024	-0.1068	-1.78E-5	-8.00E-7	-2.47E-6
	CC2	-0.0003	-0.0024	-0.1068	-1.78E-5	-8.00E-7	-2.47E-6
	CC3	-0.0003	-0.0024	-0.1068	-1.78E-5	-8.00E-7	-2.47E-6
	CC4	-0.0003	-0.0023	-0.1030	-1.66E-5	-8.35E-7	-2.40E-6
	CC5	-0.0003	-0.0023	-0.1030	-1.66E-5	-8.35E-7	-2.40E-6
	CC6	0.0459	0.0334	-0.1136	7.49E-5	-8.76E-5	-4.01E-5
	CC7	0.0441	0.0327	-0.1127	7.01E-5	-8.39E-5	-3.53E-5
	CC8	0.0453	-0.0176	-0.1166	-1.60E-4	-8.84E-5	-3.62E-5
	CC9	0.0434	-0.0183	-0.1157	-1.64E-4	-8.47E-5	-3.14E-5
	CC10	-0.0439	0.0139	-0.0877	1.32E-4	8.30E-5	2.66E-5
	CC11	-0.0457	0.0132	-0.0868	1.27E-4	8.67E-5	3.14E-5
	CC12	-0.0445	-0.0371	-0.0908	-1.02E-4	8.22E-5	3.05E-5
	CC13	-0.0464	-0.0378	-0.0898	-1.07E-4	8.59E-5	3.53E-5
	CC14	0.0174	0.0869	-0.1020	3.74E-4	-3.12E-5	-2.69E-5
	CC15	0.0113	0.0845	-0.0990	3.58E-4	-1.90E-5	-1.09E-5

	CC16	-0.0095	0.0811	-0.0943	3.91E-4	2.00E-5	-6.87E-6
	CC17	-0.0157	0.0787	-0.0912	3.75E-4	3.22E-5	9.12E-6
	CC18	0.0152	-0.0831	-0.1122	-4.07E-4	-3.39E-5	-1.39E-5
	CC19	0.0091	-0.0855	-0.1091	-4.23E-4	-2.17E-5	2.10E-6
	CC20	-0.0117	-0.0889	-0.1044	-3.90E-4	1.73E-5	6.13E-6
	CC21	-0.0179	-0.0914	-0.1014	-4.06E-4	2.95E-5	2.21E-5
276	CC1	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	9.02E-11
	CC2	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	9.02E-11
	CC3	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	9.02E-11
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.01E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	1.01E-1
	CC6	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	1.50E-8
	CC7	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	1.34E-8
	CC8	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	1.20E-8
	CC9	0.0000	0.0000	-0.0906	0.00E+0	0.00E+0	1.04E-8
	CC10	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-1.02E-8
	CC11	0.0000	0.0000	-0.0984	0.00E+0	0.00E+0	-1.18E-8
	CC12	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	-1.32E-8
	CC13	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-1.48E-8
	CC14	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	1.16E-8
	CC15	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	6.17E-9
	CC16	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	4.03E-9
	CC17	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	-1.38E-9
	CC18	0.0000	0.0000	-0.0977	0.00E+0	0.00E+0	1.59E-9
	CC19	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	-3.82E-9
	CC20	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-5.96E-9
	CC21	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	-1.14E-8
277	CC1	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-4.33E-1
	CC2	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-4.33E-1
	CC3	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	-4.33E-1
	CC4	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-4.23E-1
	CC5	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-4.23E-1
	CC6	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	8.75E-9
	CC7	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	9.94E-9
	CC8	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	7.24E-9
	CC9	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	8.44E-9
	CC10	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	-9.28E-9
	CC11	0.0000	0.0000	-0.0974	0.00E+0	0.00E+0	-8.08E-9
	CC12	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	-1.08E-8
	CC13	0.0000	0.0000	-0.1000	0.00E+0	0.00E+0	-9.58E-9
	CC14	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	2.81E-9
	CC15	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	6.77E-9
	CC16	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	-2.59E-9
	CC17	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	1.36E-9
	CC18	0.0000	0.0000	-0.0981	0.00E+0	0.00E+0	-2.20E-9
	CC19	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	1.75E-9
	CC20	0.0000	0.0000	-0.1007	0.00E+0	0.00E+0	-7.61E-9
	CC21	0.0000	0.0000	-0.0997	0.00E+0	0.00E+0	-3.65E-9
278	CC1	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.23E-9
	CC2	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.23E-9
	CC3	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	1.23E-9
	CC4	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	1.20E-9
	CC5	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	1.20E-9
	CC6	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	2.60E-8
	CC7	0.0000	0.0000	-0.0975	0.00E+0	0.00E+0	2.31E-8
	CC8	0.0000	0.0000	-0.1005	0.00E+0	0.00E+0	2.27E-8
	CC9	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	1.98E-8
	CC10	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.74E-8
	CC11	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-2.03E-8
	CC12	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	-2.07E-8
	CC13	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	-2.36E-8
	CC14	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	1.80E-8
	CC15	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	8.46E-9
	CC16	0.0000	0.0000	-0.0896	0.00E+0	0.00E+0	4.98E-9
	CC17	0.0000	0.0000	-0.0882	0.00E+0	0.00E+0	-4.55E-9
	CC18	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	6.93E-9
	CC19	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	-2.59E-9
	CC20	0.0000	0.0000	-0.0981	0.00E+0	0.00E+0	-6.08E-9
	CC21	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	-1.56E-8
279	CC1	-0.0002	-0.0009	-0.1050	-1.12E-5	2.37E-6	-1.28E-6
	CC2	-0.0002	-0.0009	-0.1050	-1.12E-5	2.37E-6	-1.28E-6
	CC3	-0.0002	-0.0009	-0.1050	-1.12E-5	2.37E-6	-1.28E-6

	CC4	-0.0002	-0.0008	-0.1013	-1.03E-5	2.12E-6	-1.27E-6
	CC5	-0.0002	-0.0008	-0.1013	-1.03E-5	2.12E-6	-1.27E-6
	CC6	0.0322	0.0205	-0.1179	1.23E-4	-1.59E-4	-2.84E-5
	CC7	0.0309	0.0198	-0.1167	1.18E-4	-1.53E-4	-2.49E-5
	CC8	0.0317	-0.0115	-0.1207	-8.74E-5	-1.57E-4	-2.66E-5
	CC9	0.0304	-0.0122	-0.1195	-9.24E-5	-1.51E-4	-2.31E-5
	CC10	-0.0307	0.0105	-0.0806	7.23E-5	1.55E-4	2.06E-5
	CC11	-0.0320	0.0099	-0.0794	6.73E-5	1.61E-4	2.41E-5
	CC12	-0.0312	-0.0214	-0.0834	-1.38E-4	1.57E-4	2.24E-5
	CC13	-0.0325	-0.0221	-0.0822	-1.43E-4	1.63E-4	2.59E-5
	CC14	0.0122	0.0551	-0.1029	3.56E-4	-5.95E-5	-1.74E-5
	CC15	0.0080	0.0528	-0.0990	3.40E-4	-3.80E-5	-5.80E-6
	CC16	-0.0066	0.0521	-0.0917	3.41E-4	3.46E-5	-2.68E-6
	CC17	-0.0109	0.0499	-0.0878	3.24E-4	5.62E-5	8.91E-6
	CC18	0.0105	-0.0515	-0.1123	-3.45E-4	-5.21E-5	-1.14E-5
	CC19	0.0063	-0.0537	-0.1084	-3.61E-4	-3.06E-5	1.51E-7
	CC20	-0.0083	-0.0544	-0.1012	-3.60E-4	4.21E-5	3.27E-6
	CC21	-0.0126	-0.0567	-0.0972	-3.76E-4	6.36E-5	1.49E-5
280	CC1	0.0000	-0.0002	-0.1030	-4.65E-6	2.45E-6	-9.55E-7
	CC2	0.0000	-0.0002	-0.1030	-4.65E-6	2.45E-6	-9.55E-7
	CC3	0.0000	-0.0002	-0.1030	-4.65E-6	2.45E-6	-9.55E-7
	CC4	0.0000	-0.0002	-0.0994	-4.26E-6	2.13E-6	-9.36E-7
	CC5	0.0000	-0.0002	-0.0994	-4.26E-6	2.13E-6	-9.36E-7
	CC6	0.0185	0.0104	-0.1118	1.05E-4	-1.53E-4	-1.81E-5
	CC7	0.0178	0.0101	-0.1108	1.02E-4	-1.46E-4	-1.59E-5
	CC8	0.0182	-0.0052	-0.1145	-5.89E-5	-1.50E-4	-1.78E-5
	CC9	0.0175	-0.0055	-0.1135	-6.23E-5	-1.44E-4	-1.56E-5
	CC10	-0.0174	0.0050	-0.0829	5.41E-5	1.48E-4	1.37E-5
	CC11	-0.0182	0.0047	-0.0819	5.06E-5	1.54E-4	1.60E-5
	CC12	-0.0178	-0.0105	-0.0856	-1.10E-4	1.51E-4	1.40E-5
	CC13	-0.0185	-0.0108	-0.0846	-1.13E-4	1.57E-4	1.62E-5
	CC14	0.0071	0.0271	-0.0996	2.82E-4	-5.73E-5	-9.86E-6
	CC15	0.0047	0.0260	-0.0963	2.71E-4	-3.71E-5	-2.47E-6
	CC16	-0.0037	0.0255	-0.0909	2.67E-4	3.28E-5	-3.16E-7
	CC17	-0.0061	0.0244	-0.0877	2.56E-4	5.31E-5	7.07E-6
	CC18	0.0061	-0.0248	-0.1087	-2.64E-4	-4.90E-5	-8.93E-6
	CC19	0.0037	-0.0259	-0.1054	-2.75E-4	-2.88E-5	-1.54E-6
	CC20	-0.0047	-0.0265	-0.1000	-2.79E-4	4.11E-5	6.13E-7
	CC21	-0.0071	-0.0275	-0.0968	-2.91E-4	6.14E-5	8.00E-6
281	CC1	0.0001	0.0000	-0.1010	-9.22E-7	1.28E-7	-4.80E-7
	CC2	0.0001	0.0000	-0.1010	-9.22E-7	1.28E-7	-4.80E-7
	CC3	0.0001	0.0000	-0.1010	-9.22E-7	1.28E-7	-4.80E-7
	CC4	0.0001	0.0000	-0.0975	-8.09E-7	-3.21E-8	-4.70E-7
	CC5	0.0001	0.0000	-0.0975	-8.09E-7	-3.21E-8	-4.70E-7
	CC6	0.0063	0.0029	-0.1049	6.39E-5	-1.20E-4	-8.55E-6
	CC7	0.0060	0.0028	-0.1041	6.20E-5	-1.15E-4	-7.48E-6
	CC8	0.0062	-0.0013	-0.1075	-3.00E-5	-1.18E-4	-8.94E-6
	CC9	0.0059	-0.0014	-0.1067	-3.18E-5	-1.13E-4	-7.88E-6
	CC10	-0.0058	0.0014	-0.0858	3.03E-5	1.13E-4	6.95E-6
	CC11	-0.0060	0.0013	-0.0851	2.84E-5	1.18E-4	8.01E-6
	CC12	-0.0059	-0.0029	-0.0885	-6.36E-5	1.15E-4	6.55E-6
	CC13	-0.0061	-0.0030	-0.0877	-6.54E-5	1.20E-4	7.61E-6
	CC14	0.0025	0.0074	-0.0960	1.64E-4	-4.63E-5	-3.89E-6
	CC15	0.0016	0.0071	-0.0935	1.58E-4	-3.07E-5	-3.69E-7
	CC16	-0.0012	0.0069	-0.0903	1.54E-4	2.36E-5	7.59E-7
	CC17	-0.0020	0.0067	-0.0878	1.47E-4	3.92E-5	4.28E-6
	CC18	0.0021	-0.0067	-0.1048	-1.49E-4	-3.94E-5	-5.21E-6
	CC19	0.0013	-0.0070	-0.1023	-1.55E-4	-2.38E-5	-1.69E-6
	CC20	-0.0015	-0.0072	-0.0991	-1.59E-4	3.05E-5	-5.64E-7
	CC21	-0.0023	-0.0074	-0.0966	-1.65E-4	4.61E-5	2.96E-6
282	CC1	-0.0011	-0.0029	-0.0956	-1.52E-5	2.85E-6	1.24E-6
	CC2	-0.0011	-0.0029	-0.0956	-1.52E-5	2.85E-6	1.24E-6
	CC3	-0.0011	-0.0029	-0.0956	-1.52E-5	2.85E-6	1.24E-6
	CC4	-0.0010	-0.0027	-0.0928	-1.43E-5	2.67E-6	1.22E-6
	CC5	-0.0010	-0.0027	-0.0928	-1.43E-5	2.67E-6	1.22E-6
	CC6	0.0395	0.0031	-0.0691	1.30E-5	-1.55E-4	-3.65E-5
	CC7	0.0394	0.0037	-0.0683	1.23E-5	-1.54E-4	-3.17E-5
	CC8	0.0408	-0.0468	-0.0772	-1.14E-4	-1.53E-4	-3.26E-5
	CC9	0.0407	-0.0462	-0.0763	-1.15E-4	-1.52E-4	-2.78E-5
	CC10	-0.0426	0.0410	-0.1073	8.70E-5	1.58E-4	3.02E-5
	CC11	-0.0427	0.0416	-0.1064	8.64E-5	1.58E-4	3.50E-5
	CC12	-0.0413	-0.0089	-0.1154	-4.03E-5	1.59E-4	3.41E-5

	CC13	-0.0414	-0.0083	-0.1145	-4.09E-5	1.60E-4	3.89E-5
	CC14	0.0094	0.0739	-0.0741	1.88E-4	-4.80E-5	-2.33E-5
	CC15	0.0092	0.0759	-0.0712	1.86E-4	-4.65E-5	-7.30E-6
	CC16	-0.0152	0.0852	-0.0855	2.10E-4	4.57E-5	-3.28E-6
	CC17	-0.0155	0.0873	-0.0827	2.08E-4	4.72E-5	1.27E-5
	CC18	0.0136	-0.0925	-0.1009	-2.36E-4	-4.20E-5	-1.03E-5
	CC19	0.0133	-0.0905	-0.0981	-2.38E-4	-4.05E-5	5.69E-6
	CC20	-0.0111	-0.0812	-0.1124	-2.14E-4	5.17E-5	9.72E-6
	CC21	-0.0113	-0.0791	-0.1095	-2.16E-4	5.32E-5	2.57E-5
283	CC1	-0.0009	-0.0027	-0.0943	-1.67E-5	1.88E-6	3.15E-6
	CC2	-0.0009	-0.0027	-0.0943	-1.67E-5	1.88E-6	3.15E-6
	CC3	-0.0009	-0.0027	-0.0943	-1.67E-5	1.88E-6	3.15E-6
	CC4	-0.0008	-0.0025	-0.0915	-1.58E-5	1.66E-6	3.07E-6
	CC5	-0.0008	-0.0025	-0.0915	-1.58E-5	1.66E-6	3.07E-6
	CC6	0.0387	0.0029	-0.0705	1.85E-5	-1.58E-4	-3.47E-5
	CC7	0.0390	0.0036	-0.0696	1.82E-5	-1.59E-4	-2.99E-5
	CC8	0.0402	-0.0470	-0.0667	-1.29E-4	-1.62E-4	-3.08E-5
	CC9	0.0405	-0.0463	-0.0658	-1.29E-4	-1.63E-4	-2.60E-5
	CC10	-0.0420	0.0413	-0.1154	9.80E-5	1.66E-4	3.20E-5
	CC11	-0.0417	0.0420	-0.1145	9.76E-5	1.65E-4	3.69E-5
	CC12	-0.0405	-0.0085	-0.1116	-4.92E-5	1.62E-4	3.59E-5
	CC13	-0.0402	-0.0079	-0.1107	-4.95E-5	1.61E-4	4.08E-5
	CC14	0.0083	0.0738	-0.0918	2.18E-4	-3.87E-5	-2.15E-5
	CC15	0.0093	0.0760	-0.0888	2.17E-4	-4.26E-5	-5.47E-6
	CC16	-0.0159	0.0853	-0.1052	2.42E-4	5.85E-5	-1.44E-6
	CC17	-0.0149	0.0875	-0.1022	2.41E-4	5.46E-5	1.46E-5
	CC18	0.0133	-0.0925	-0.0790	-2.72E-4	-5.15E-5	-8.46E-6
	CC19	0.0144	-0.0903	-0.0760	-2.73E-4	-5.53E-5	7.53E-6
	CC20	-0.0109	-0.0809	-0.0925	-2.48E-4	4.57E-5	1.16E-5
	CC21	-0.0099	-0.0788	-0.0895	-2.49E-4	4.19E-5	2.75E-5
284	CC1	-0.0006	-0.0026	-0.0930	-1.66E-5	-6.55E-7	2.71E-6
	CC2	-0.0006	-0.0026	-0.0930	-1.66E-5	-6.55E-7	2.71E-6
	CC3	-0.0006	-0.0026	-0.0930	-1.66E-5	-6.55E-7	2.71E-6
	CC4	-0.0006	-0.0024	-0.0903	-1.58E-5	-8.07E-7	2.64E-6
	CC5	-0.0006	-0.0024	-0.0903	-1.58E-5	-8.07E-7	2.64E-6
	CC6	0.0379	0.0028	-0.0708	-3.28E-8	-1.53E-4	-3.51E-5
	CC7	0.0386	0.0035	-0.0699	-8.30E-7	-1.56E-4	-3.03E-5
	CC8	0.0397	-0.0471	-0.0555	-1.36E-4	-1.60E-4	-3.12E-5
	CC9	0.0404	-0.0464	-0.0545	-1.37E-4	-1.63E-4	-2.64E-5
	CC10	-0.0415	0.0417	-0.1242	1.06E-4	1.61E-4	3.16E-5
	CC11	-0.0408	0.0424	-0.1233	1.05E-4	1.58E-4	3.64E-5
	CC12	-0.0397	-0.0082	-0.1089	-3.03E-5	1.54E-4	3.55E-5
	CC13	-0.0390	-0.0075	-0.1079	-3.11E-5	1.52E-4	4.03E-5
	CC14	0.0072	0.0737	-0.1085	1.97E-4	-3.28E-5	-2.19E-5
	CC15	0.0095	0.0760	-0.1054	1.94E-4	-4.20E-5	-5.90E-6
	CC16	-0.0166	0.0854	-0.1246	2.29E-4	6.15E-5	-1.87E-6
	CC17	-0.0143	0.0877	-0.1214	2.26E-4	5.23E-5	1.41E-5
	CC18	0.0132	-0.0924	-0.0573	-2.57E-4	-5.40E-5	-8.89E-6
	CC19	0.0155	-0.0901	-0.0542	-2.60E-4	-6.32E-5	7.10E-6
	CC20	-0.0107	-0.0808	-0.0734	-2.25E-4	4.02E-5	1.11E-5
	CC21	-0.0083	-0.0785	-0.0702	-2.28E-4	3.11E-5	2.71E-5
285	CC1	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.04E-9
	CC2	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.04E-9
	CC3	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-1.04E-9
	CC4	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-9.94E-1
	CC5	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-9.94E-1
	CC6	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	1.92E-8
	CC7	0.0000	0.0000	-0.0756	0.00E+0	0.00E+0	1.68E-8
	CC8	0.0000	0.0000	-0.0743	0.00E+0	0.00E+0	1.74E-8
	CC9	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	1.50E-8
	CC10	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	-1.69E-8
	CC11	0.0000	0.0000	-0.0966	0.00E+0	0.00E+0	-1.94E-8
	CC12	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	-1.87E-8
	CC13	0.0000	0.0000	-0.0947	0.00E+0	0.00E+0	-2.11E-8
	CC14	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	1.14E-8
	CC15	0.0000	0.0000	-0.0844	0.00E+0	0.00E+0	3.40E-9
	CC16	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	5.70E-1
	CC17	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	-7.43E-9
	CC18	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	5.48E-9
	CC19	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	-2.52E-9
	CC20	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	-5.36E-9
	CC21	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	-1.34E-8

286	CC1	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	3.22E-1
	CC2	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	3.22E-1
	CC3	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	3.22E-1
	CC4	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	3.06E-1
	CC5	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	3.06E-1
	CC6	0.0000	0.0000	-0.0766	0.00E+0	0.00E+0	4.98E-9
	CC7	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	5.64E-9
	CC8	0.0000	0.0000	-0.0739	0.00E+0	0.00E+0	4.72E-9
	CC9	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	5.38E-9
	CC10	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	-4.78E-9
	CC11	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	-4.12E-9
	CC12	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	-5.04E-9
	CC13	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	-4.38E-9
	CC14	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	1.11E-9
	CC15	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	3.30E-9
	CC16	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	-1.82E-9
	CC17	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	3.70E-1
	CC18	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	2.33E-1
	CC19	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	2.42E-9
	CC20	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	-2.70E-9
	CC21	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	-5.04E-1
287	CC1	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-3.05E-1
	CC2	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-3.05E-1
	CC3	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-3.05E-1
	CC4	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-2.92E-1
	CC5	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	-2.92E-1
	CC6	0.0000	0.0000	-0.0772	0.00E+0	0.00E+0	1.96E-9
	CC7	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	1.85E-9
	CC8	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	1.93E-9
	CC9	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	1.82E-9
	CC10	0.0000	0.0000	-0.0974	0.00E+0	0.00E+0	-2.39E-9
	CC11	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	-2.50E-9
	CC12	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	-2.43E-9
	CC13	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	-2.54E-9
	CC14	0.0000	0.0000	-0.0892	0.00E+0	0.00E+0	6.04E-1
	CC15	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	2.44E-1
	CC16	0.0000	0.0000	-0.0952	0.00E+0	0.00E+0	-7.03E-1
	CC17	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-1.06E-9
	CC18	0.0000	0.0000	-0.0769	0.00E+0	0.00E+0	4.88E-1
	CC19	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	1.28E-1
	CC20	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-8.19E-1
	CC21	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-1.18E-9
288	CC1	-0.0008	-0.0019	-0.0949	-1.11E-5	4.78E-6	1.36E-6
	CC2	-0.0008	-0.0019	-0.0949	-1.11E-5	4.78E-6	1.36E-6
	CC3	-0.0008	-0.0019	-0.0949	-1.11E-5	4.78E-6	1.36E-6
	CC4	-0.0007	-0.0018	-0.0921	-1.03E-5	4.47E-6	1.28E-6
	CC5	-0.0007	-0.0018	-0.0921	-1.03E-5	4.47E-6	1.28E-6
	CC6	0.0279	0.0010	-0.0688	1.82E-5	-1.56E-4	-2.68E-5
	CC7	0.0276	0.0015	-0.0680	1.98E-5	-1.54E-4	-2.32E-5
	CC8	0.0284	-0.0322	-0.0842	-1.65E-4	-1.60E-4	-2.41E-5
	CC9	0.0281	-0.0317	-0.0834	-1.64E-4	-1.58E-4	-2.05E-5
	CC10	-0.0294	0.0282	-0.0989	1.44E-4	1.66E-4	2.30E-5
	CC11	-0.0297	0.0287	-0.0981	1.45E-4	1.68E-4	2.66E-5
	CC12	-0.0290	-0.0049	-0.1142	-4.00E-5	1.63E-4	2.57E-5
	CC13	-0.0293	-0.0044	-0.1134	-3.83E-5	1.65E-4	2.93E-5
	CC14	0.0077	0.0486	-0.0623	2.74E-4	-4.18E-5	-1.67E-5
	CC15	0.0067	0.0502	-0.0597	2.80E-4	-3.56E-5	-4.84E-6
	CC16	-0.0095	0.0568	-0.0714	3.12E-4	5.51E-5	-1.77E-6
	CC17	-0.0105	0.0584	-0.0687	3.17E-4	6.13E-5	1.01E-5
	CC18	0.0092	-0.0619	-0.1135	-3.38E-4	-5.25E-5	-7.59E-6
	CC19	0.0082	-0.0603	-0.1109	-3.32E-4	-4.63E-5	4.28E-6
	CC20	-0.0081	-0.0537	-0.1225	-3.00E-4	4.43E-5	7.35E-6
	CC21	-0.0091	-0.0521	-0.1199	-2.95E-4	5.05E-5	1.92E-5
289	CC1	-0.0004	-0.0011	-0.0930	-8.92E-6	4.47E-6	1.18E-6
	CC2	-0.0004	-0.0011	-0.0930	-8.92E-6	4.47E-6	1.18E-6
	CC3	-0.0004	-0.0011	-0.0930	-8.92E-6	4.47E-6	1.18E-6
	CC4	-0.0004	-0.0010	-0.0903	-8.31E-6	4.10E-6	1.11E-6
	CC5	-0.0004	-0.0010	-0.0903	-8.31E-6	4.10E-6	1.11E-6
	CC6	0.0146	0.0161	-0.0708	6.81E-6	-1.45E-4	-1.75E-5
	CC7	0.0145	0.0164	-0.0701	9.02E-6	-1.43E-4	-1.51E-5
	CC8	0.0149	-0.0021	-0.0814	-1.53E-4	-1.43E-4	-1.61E-5
	CC9	0.0147	-0.0018	-0.0806	-1.51E-4	-1.42E-4	-1.37E-5

	CC10	-0.0154	-0.0001	-0.0980	1.35E-4	1.50E-4	1.59E-5
	CC11	-0.0155	0.0002	-0.0973	1.37E-4	1.51E-4	1.83E-5
	CC12	-0.0152	-0.0183	-0.1086	-2.52E-5	1.51E-4	1.73E-5
	CC13	-0.0153	-0.0180	-0.1078	-2.30E-5	1.53E-4	1.96E-5
	CC14	0.0041	0.0313	-0.0689	2.36E-4	-4.50E-5	-1.01E-5
	CC15	0.0036	0.0323	-0.0665	2.43E-4	-4.00E-5	-2.27E-6
	CC16	-0.0049	0.0264	-0.0771	2.74E-4	4.34E-5	-1.12E-7
	CC17	-0.0055	0.0275	-0.0747	2.81E-4	4.84E-5	7.74E-6
	CC18	0.0048	-0.0294	-0.1040	-2.98E-4	-4.04E-5	-5.56E-6
	CC19	0.0043	-0.0283	-0.1016	-2.90E-4	-3.54E-5	2.29E-6
	CC20	-0.0042	-0.0342	-0.1122	-2.59E-4	4.80E-5	4.45E-6
	CC21	-0.0047	-0.0332	-0.1097	-2.52E-4	5.30E-5	1.23E-5
290	CC1	-0.0001	-0.0004	-0.0911	-6.86E-6	2.75E-6	5.81E-7
	CC2	-0.0001	-0.0004	-0.0911	-6.86E-6	2.75E-6	5.81E-7
	CC3	-0.0001	-0.0004	-0.0911	-6.86E-6	2.75E-6	5.81E-7
	CC4	-0.0001	-0.0003	-0.0884	-6.40E-6	2.49E-6	5.50E-7
	CC5	-0.0001	-0.0003	-0.0884	-6.40E-6	2.49E-6	5.50E-7
	CC6	0.0042	0.0054	-0.0731	1.05E-4	-9.20E-5	-8.67E-6
	CC7	0.0042	0.0055	-0.0725	1.07E-4	-9.10E-5	-7.48E-6
	CC8	0.0043	-0.0005	-0.0783	-1.20E-5	-9.08E-5	-8.50E-6
	CC9	0.0043	-0.0004	-0.0777	-9.88E-6	-8.99E-5	-7.32E-6
	CC10	-0.0044	-0.0003	-0.0973	-2.62E-6	9.47E-5	8.40E-6
	CC11	-0.0045	-0.0001	-0.0967	-4.64E-7	9.56E-5	9.58E-6
	CC12	-0.0043	-0.0062	-0.1025	-1.20E-4	9.58E-5	8.56E-6
	CC13	-0.0044	-0.0061	-0.1018	-1.18E-4	9.68E-5	9.75E-6
	CC14	0.0011	0.0102	-0.0763	2.02E-4	-2.91E-5	-4.26E-6
	CC15	0.0010	0.0106	-0.0741	2.09E-4	-2.61E-5	-3.39E-7
	CC16	-0.0015	0.0085	-0.0835	1.70E-4	2.69E-5	8.63E-7
	CC17	-0.0016	0.0089	-0.0814	1.77E-4	2.99E-5	4.78E-6
	CC18	0.0014	-0.0096	-0.0936	-1.89E-4	-2.51E-5	-3.70E-6
	CC19	0.0013	-0.0092	-0.0914	-1.82E-4	-2.21E-5	2.16E-7
	CC20	-0.0011	-0.0113	-0.1008	-2.22E-4	3.09E-5	1.42E-6
	CC21	-0.0013	-0.0109	-0.0987	-2.14E-4	3.39E-5	5.33E-6
291	CC1	-0.0006	-0.0012	-0.0910	-1.24E-5	5.98E-8	1.01E-7
	CC2	-0.0006	-0.0012	-0.0910	-1.24E-5	5.98E-8	1.01E-7
	CC3	-0.0006	-0.0012	-0.0910	-1.24E-5	5.98E-8	1.01E-7
	CC4	-0.0006	-0.0011	-0.0884	-1.15E-5	-9.36E-8	1.81E-7
	CC5	-0.0006	-0.0011	-0.0884	-1.15E-5	-9.36E-8	1.81E-7
	CC6	0.0269	0.0014	-0.0712	5.11E-6	-1.13E-4	-2.19E-5
	CC7	0.0277	0.0019	-0.0703	8.16E-6	-1.17E-4	-1.88E-5
	CC8	0.0279	-0.0321	-0.0490	-1.89E-4	-1.26E-4	-2.95E-5
	CC9	0.0287	-0.0316	-0.0481	-1.86E-4	-1.30E-4	-2.65E-5
	CC10	-0.0298	0.0294	-0.1269	1.64E-4	1.30E-4	2.69E-5
	CC11	-0.0291	0.0299	-0.1260	1.67E-4	1.26E-4	2.99E-5
	CC12	-0.0289	-0.0041	-0.1048	-3.07E-5	1.17E-4	1.92E-5
	CC13	-0.0281	-0.0035	-0.1038	-2.76E-5	1.13E-4	2.23E-5
	CC14	0.0050	0.0496	-0.1176	2.84E-4	-9.35E-6	5.57E-7
	CC15	0.0076	0.0514	-0.1146	2.94E-4	-2.06E-5	1.07E-5
	CC16	-0.0121	0.0580	-0.1343	3.32E-4	6.35E-5	1.52E-5
	CC17	-0.0094	0.0599	-0.1313	3.42E-4	5.23E-5	2.53E-5
	CC18	0.0083	-0.0620	-0.0437	-3.64E-4	-5.26E-5	-2.49E-5
	CC19	0.0109	-0.0602	-0.0407	-3.54E-4	-6.38E-5	-1.48E-5
	CC20	-0.0087	-0.0536	-0.0604	-3.17E-4	2.03E-5	-1.03E-5
	CC21	-0.0061	-0.0518	-0.0574	-3.07E-4	9.06E-6	-1.40E-7
292	CC1	-0.0006	-0.0004	-0.0904	-7.86E-6	-9.77E-7	-3.64E-7
	CC2	-0.0006	-0.0004	-0.0904	-7.86E-6	-9.77E-7	-3.64E-7
	CC3	-0.0006	-0.0004	-0.0904	-7.86E-6	-9.77E-7	-3.64E-7
	CC4	-0.0006	-0.0003	-0.0877	-7.34E-6	-1.08E-6	-2.56E-7
	CC5	-0.0006	-0.0003	-0.0877	-7.34E-6	-1.08E-6	-2.56E-7
	CC6	0.0172	0.0006	-0.0725	9.95E-6	-9.39E-5	2.98E-5
	CC7	0.0178	0.0009	-0.0717	1.15E-5	-9.63E-5	3.19E-5
	CC8	0.0174	-0.0187	-0.0554	-1.24E-4	-9.98E-5	1.17E-5
	CC9	0.0180	-0.0184	-0.0546	-1.22E-4	-1.02E-4	1.37E-5
	CC10	-0.0191	0.0178	-0.1191	1.08E-4	1.00E-4	-1.42E-5
	CC11	-0.0186	0.0181	-0.1183	1.09E-4	9.76E-5	-1.21E-5
	CC12	-0.0189	-0.0016	-0.1020	-2.58E-5	9.41E-5	-3.23E-5
	CC13	-0.0184	-0.0012	-0.1012	-2.43E-5	9.17E-5	-3.02E-5
	CC14	0.0037	0.0287	-0.1096	1.98E-4	-1.65E-5	3.32E-5
	CC15	0.0054	0.0299	-0.1069	2.04E-4	-2.44E-5	4.00E-5
	CC16	-0.0072	0.0339	-0.1236	2.28E-4	4.17E-5	2.00E-5
	CC17	-0.0055	0.0351	-0.1209	2.33E-4	3.38E-5	2.68E-5
	CC18	0.0044	-0.0357	-0.0528	-2.47E-4	-3.60E-5	-2.72E-5

	CC19	0.0061	-0.0345	-0.0501	-2.42E-4	-4.40E-5	-2.04E-5
	CC20	-0.0066	-0.0305	-0.0668	-2.18E-4	2.21E-5	-4.04E-5
	CC21	-0.0048	-0.0294	-0.0641	-2.13E-4	1.42E-5	-3.36E-5
293	CC1	-0.0004	0.0000	-0.0896	-8.50E-7	7.41E-6	-1.08E-7
	CC2	-0.0004	0.0000	-0.0896	-8.50E-7	7.41E-6	-1.08E-7
	CC3	-0.0004	0.0000	-0.0896	-8.50E-7	7.41E-6	-1.08E-7
	CC4	-0.0004	0.0000	-0.0870	-5.10E-7	6.96E-6	-5.45E-9
	CC5	-0.0004	0.0000	-0.0870	-5.10E-7	6.96E-6	-5.45E-9
	CC6	0.0078	0.0075	-0.0746	1.39E-4	-1.47E-4	3.77E-5
	CC7	0.0080	0.0077	-0.0739	1.42E-4	-1.52E-4	3.92E-5
	CC8	0.0076	-0.0002	-0.0633	-6.32E-6	-1.44E-4	1.06E-5
	CC9	0.0079	0.0000	-0.0626	-3.36E-6	-1.49E-4	1.22E-5
	CC10	-0.0087	0.0001	-0.1096	2.57E-6	1.62E-4	-1.21E-5
	CC11	-0.0084	0.0003	-0.1089	5.52E-6	1.58E-4	-1.06E-5
	CC12	-0.0088	-0.0076	-0.0983	-1.43E-4	1.65E-4	-3.92E-5
	CC13	-0.0086	-0.0074	-0.0976	-1.40E-4	1.61E-4	-3.76E-5
	CC14	0.0019	0.0137	-0.1008	2.57E-4	-3.70E-5	5.00E-5
	CC15	0.0027	0.0142	-0.0986	2.67E-4	-5.20E-5	5.51E-5
	CC16	-0.0030	0.0115	-0.1113	2.16E-4	5.58E-5	3.51E-5
	CC17	-0.0022	0.0120	-0.1091	2.26E-4	4.08E-5	4.02E-5
	CC18	0.0014	-0.0119	-0.0631	-2.27E-4	-2.72E-5	-4.01E-5
	CC19	0.0022	-0.0114	-0.0609	-2.17E-4	-4.22E-5	-3.50E-5
	CC20	-0.0035	-0.0141	-0.0736	-2.68E-4	6.56E-5	-5.51E-5
	CC21	-0.0027	-0.0136	-0.0714	-2.58E-4	5.06E-5	-5.00E-5
294	CC1	0.0002	-0.0015	-0.0928	9.17E-6	-9.04E-7	3.49E-6
	CC2	0.0002	-0.0015	-0.0928	9.17E-6	-9.04E-7	3.49E-6
	CC3	0.0002	-0.0015	-0.0928	9.17E-6	-9.04E-7	3.49E-6
	CC4	0.0003	-0.0013	-0.0902	9.39E-6	-1.06E-6	3.39E-6
	CC5	0.0003	-0.0013	-0.0902	9.39E-6	-1.06E-6	3.39E-6
	CC6	0.0386	0.0327	-0.1020	1.04E-4	-1.36E-4	-3.44E-5
	CC7	0.0393	0.0299	-0.1019	1.04E-4	-1.38E-4	-2.95E-5
	CC8	0.0404	-0.0200	-0.0948	5.30E-5	-1.39E-4	-3.05E-5
	CC9	0.0412	-0.0227	-0.0948	5.22E-5	-1.41E-4	-2.56E-5
	CC10	-0.0407	0.0203	-0.0838	-3.33E-5	1.39E-4	3.24E-5
	CC11	-0.0399	0.0175	-0.0838	-3.41E-5	1.37E-4	3.72E-5
	CC12	-0.0388	-0.0324	-0.0767	-8.48E-5	1.36E-4	3.63E-5
	CC13	-0.0381	-0.0352	-0.0767	-8.56E-5	1.34E-4	4.11E-5
	CC14	0.0078	0.0929	-0.1040	1.17E-4	-3.46E-5	-2.11E-5
	CC15	0.0104	0.0838	-0.1039	1.15E-4	-4.15E-5	-5.16E-6
	CC16	-0.0160	0.0892	-0.0985	7.59E-5	4.79E-5	-1.13E-6
	CC17	-0.0134	0.0801	-0.0985	7.32E-5	4.09E-5	1.49E-5
	CC18	0.0139	-0.0825	-0.0802	-5.43E-5	-4.32E-5	-8.15E-6
	CC19	0.0165	-0.0917	-0.0801	-5.70E-5	-5.01E-5	7.84E-6
	CC20	-0.0098	-0.0863	-0.0747	-9.56E-5	3.93E-5	1.19E-5
	CC21	-0.0073	-0.0954	-0.0747	-9.83E-5	3.24E-5	2.79E-5
295	CC1	-0.0001	-0.0018	-0.0928	-8.83E-6	1.21E-8	3.81E-6
	CC2	-0.0001	-0.0018	-0.0928	-8.83E-6	1.21E-8	3.81E-6
	CC3	-0.0001	-0.0018	-0.0928	-8.83E-6	1.21E-8	3.81E-6
	CC4	0.0000	-0.0016	-0.0901	-7.91E-6	-1.38E-7	3.67E-6
	CC5	0.0000	-0.0016	-0.0901	-7.91E-6	-1.38E-7	3.67E-6
	CC6	0.0393	0.0326	-0.0965	6.14E-5	-1.44E-4	-3.41E-5
	CC7	0.0397	0.0298	-0.0965	6.03E-5	-1.44E-4	-2.93E-5
	CC8	0.0409	-0.0201	-0.0929	2.04E-5	-1.41E-4	-3.02E-5
	CC9	0.0412	-0.0229	-0.0930	1.93E-5	-1.41E-4	-2.54E-5
	CC10	-0.0412	0.0198	-0.0854	-3.45E-5	1.41E-4	3.26E-5
	CC11	-0.0409	0.0170	-0.0855	-3.56E-5	1.40E-4	3.75E-5
	CC12	-0.0397	-0.0329	-0.0819	-7.55E-5	1.44E-4	3.65E-5
	CC13	-0.0393	-0.0357	-0.0819	-7.66E-5	1.43E-4	4.14E-5
	CC14	0.0089	0.0928	-0.0966	7.69E-5	-4.70E-5	-2.09E-5
	CC15	0.0101	0.0835	-0.0968	7.33E-5	-4.92E-5	-4.89E-6
	CC16	-0.0153	0.0890	-0.0933	4.81E-5	3.84E-5	-8.60E-7
	CC17	-0.0141	0.0797	-0.0935	4.46E-5	3.61E-5	1.51E-5
	CC18	0.0141	-0.0828	-0.0849	-5.98E-5	-3.65E-5	-7.88E-6
	CC19	0.0152	-0.0921	-0.0851	-6.34E-5	-3.87E-5	8.11E-6
	CC20	-0.0101	-0.0866	-0.0816	-8.86E-5	4.89E-5	1.21E-5
	CC21	-0.0089	-0.0960	-0.0818	-9.21E-5	4.66E-5	2.81E-5
296	CC1	-0.0003	-0.0021	-0.0944	-2.94E-5	-8.31E-7	3.11E-6
	CC2	-0.0003	-0.0021	-0.0944	-2.94E-5	-8.31E-7	3.11E-6
	CC3	-0.0003	-0.0021	-0.0944	-2.94E-5	-8.31E-7	3.11E-6
	CC4	-0.0003	-0.0019	-0.0916	-2.75E-5	-8.97E-7	2.99E-6
	CC5	-0.0003	-0.0019	-0.0916	-2.75E-5	-8.97E-7	2.99E-6
	CC6	0.0401	0.0325	-0.0938	3.66E-5	-1.50E-4	-3.48E-5

	CC7	0.0401	0.0296	-0.0940	3.39E-5	-1.49E-4	-3.00E-5
	CC8	0.0414	-0.0202	-0.0948	-2.19E-5	-1.45E-4	-3.09E-5
	CC9	0.0413	-0.0231	-0.0951	-2.46E-5	-1.44E-4	-2.61E-5
	CC10	-0.0419	0.0194	-0.0863	-2.92E-5	1.42E-4	3.19E-5
	CC11	-0.0419	0.0165	-0.0865	-3.19E-5	1.43E-4	3.68E-5
	CC12	-0.0406	-0.0334	-0.0874	-8.77E-5	1.47E-4	3.58E-5
	CC13	-0.0407	-0.0362	-0.0876	-9.04E-5	1.48E-4	4.07E-5
	CC14	0.0100	0.0927	-0.0897	8.49E-5	-5.41E-5	-2.16E-5
	CC15	0.0098	0.0832	-0.0904	7.60E-5	-5.21E-5	-5.57E-6
	CC16	-0.0146	0.0888	-0.0875	6.52E-5	3.36E-5	-1.54E-6
	CC17	-0.0148	0.0793	-0.0882	5.62E-5	3.56E-5	1.44E-5
	CC18	0.0142	-0.0830	-0.0932	-1.10E-4	-3.75E-5	-8.56E-6
	CC19	0.0140	-0.0925	-0.0939	-1.19E-4	-3.55E-5	7.43E-6
	CC20	-0.0104	-0.0870	-0.0910	-1.30E-4	5.02E-5	1.15E-5
	CC21	-0.0106	-0.0965	-0.0917	-1.39E-4	5.22E-5	2.74E-5
297	CC1	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	2.35E-12
	CC2	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	2.35E-12
	CC3	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	2.35E-12
	CC4	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	3.54E-12
	CC5	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	3.54E-12
	CC6	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	2.03E-9
	CC7	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	1.81E-9
	CC8	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	6.41E-1
	CC9	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	4.18E-1
	CC10	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	-4.10E-1
	CC11	0.0000	0.0000	-0.0857	0.00E+0	0.00E+0	-6.33E-1
	CC12	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-1.80E-9
	CC13	0.0000	0.0000	-0.0805	0.00E+0	0.00E+0	-2.02E-9
	CC14	0.0000	0.0000	-0.0949	0.00E+0	0.00E+0	3.05E-9
	CC15	0.0000	0.0000	-0.0944	0.00E+0	0.00E+0	2.32E-9
	CC16	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	2.32E-9
	CC17	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	1.58E-9
	CC18	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	-1.58E-9
	CC19	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-2.31E-9
	CC20	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	-2.31E-9
	CC21	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	-3.04E-9
298	CC1	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	7.15E-11
	CC2	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	7.15E-11
	CC3	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	7.15E-11
	CC4	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	6.82E-11
	CC5	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	6.82E-11
	CC6	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	9.07E-1
	CC7	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	1.03E-9
	CC8	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	8.79E-1
	CC9	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	1.00E-9
	CC10	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	-8.69E-1
	CC11	0.0000	0.0000	-0.0852	0.00E+0	0.00E+0	-7.45E-1
	CC12	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	-8.96E-1
	CC13	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	-7.72E-1
	CC14	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	1.74E-1
	CC15	0.0000	0.0000	-0.0932	0.00E+0	0.00E+0	5.83E-1
	CC16	0.0000	0.0000	-0.0922	0.00E+0	0.00E+0	-3.58E-1
	CC17	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	5.04E-11
	CC18	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	8.39E-11
	CC19	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	4.92E-1
	CC20	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	-4.49E-1
	CC21	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-4.02E-11
299	CC1	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.77E-1
	CC2	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.77E-1
	CC3	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.77E-1
	CC4	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-2.65E-1
	CC5	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-2.65E-1
	CC6	0.0000	0.0000	-0.0896	0.00E+0	0.00E+0	2.57E-9
	CC7	0.0000	0.0000	-0.0896	0.00E+0	0.00E+0	2.34E-9
	CC8	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	1.19E-9
	CC9	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	9.64E-1
	CC10	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	-1.49E-9
	CC11	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	-1.71E-9
	CC12	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	-2.87E-9
	CC13	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-3.09E-9
	CC14	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	3.02E-9
	CC15	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	2.27E-9

	CC16	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	1.80E-9
	CC17	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	1.06E-9
	CC18	0.0000	0.0000	-0.0802	0.00E+0	0.00E+0	-1.58E-9
	CC19	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-2.33E-9
	CC20	0.0000	0.0000	-0.0788	0.00E+0	0.00E+0	-2.80E-9
	CC21	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-3.54E-9
300	CC1	0.0002	-0.0011	-0.0925	-8.00E-6	-1.77E-6	1.25E-6
	CC2	0.0002	-0.0011	-0.0925	-8.00E-6	-1.77E-6	1.25E-6
	CC3	0.0002	-0.0011	-0.0925	-8.00E-6	-1.77E-6	1.25E-6
	CC4	0.0002	-0.0010	-0.0899	-7.22E-6	-1.86E-6	1.21E-6
	CC5	0.0002	-0.0010	-0.0899	-7.22E-6	-1.86E-6	1.21E-6
	CC6	0.0257	0.0237	-0.1069	1.07E-4	-1.39E-4	-3.17E-5
	CC7	0.0265	0.0217	-0.1066	9.79E-5	-1.43E-4	-2.78E-5
	CC8	0.0269	-0.0151	-0.0938	-7.00E-5	-1.48E-4	-2.04E-5
	CC9	0.0278	-0.0171	-0.0935	-7.91E-5	-1.52E-4	-1.65E-5
	CC10	-0.0274	0.0152	-0.0845	6.52E-5	1.48E-4	1.89E-5
	CC11	-0.0266	0.0132	-0.0842	5.61E-5	1.44E-4	2.28E-5
	CC12	-0.0262	-0.0236	-0.0715	-1.12E-4	1.39E-4	3.02E-5
	CC13	-0.0253	-0.0256	-0.0712	-1.21E-4	1.35E-4	3.41E-5
	CC14	0.0048	0.0684	-0.1146	3.09E-4	-2.29E-5	-3.17E-5
	CC15	0.0075	0.0616	-0.1136	2.79E-4	-3.71E-5	-1.87E-5
	CC16	-0.0111	0.0658	-0.1078	2.97E-4	6.30E-5	-1.66E-5
	CC17	-0.0084	0.0590	-0.1069	2.67E-4	4.89E-5	-3.51E-6
	CC18	0.0088	-0.0610	-0.0711	-2.81E-4	-5.27E-5	5.91E-6
	CC19	0.0115	-0.0677	-0.0702	-3.11E-4	-6.68E-5	1.90E-5
	CC20	-0.0071	-0.0635	-0.0644	-2.93E-4	3.33E-5	2.11E-5
	CC21	-0.0044	-0.0703	-0.0635	-3.23E-4	1.92E-5	3.41E-5
301	CC1	0.0001	-0.0004	-0.0912	-6.84E-6	-6.42E-7	2.93E-7
	CC2	0.0001	-0.0004	-0.0912	-6.84E-6	-6.42E-7	2.93E-7
	CC3	0.0001	-0.0004	-0.0912	-6.84E-6	-6.42E-7	2.93E-7
	CC4	0.0001	-0.0004	-0.0886	-6.21E-6	-7.30E-7	2.78E-7
	CC5	0.0001	-0.0004	-0.0886	-6.21E-6	-7.30E-7	2.78E-7
	CC6	0.0139	0.0148	-0.1022	1.00E-4	-1.26E-4	-2.40E-5
	CC7	0.0143	0.0136	-0.1019	9.14E-5	-1.30E-4	-2.13E-5
	CC8	0.0144	-0.0088	-0.0906	-6.80E-5	-1.32E-4	-1.11E-5
	CC9	0.0149	-0.0101	-0.0903	-7.67E-5	-1.36E-4	-8.30E-6
	CC10	-0.0147	0.0094	-0.0853	6.47E-5	1.35E-4	8.84E-6
	CC11	-0.0143	0.0081	-0.0850	5.60E-5	1.31E-4	1.16E-5
	CC12	-0.0142	-0.0143	-0.0737	-1.03E-4	1.29E-4	2.18E-5
	CC13	-0.0137	-0.0155	-0.0734	-1.12E-4	1.25E-4	2.46E-5
	CC14	0.0027	0.0419	-0.1101	2.94E-4	-2.35E-5	-3.09E-5
	CC15	0.0042	0.0377	-0.1092	2.65E-4	-3.67E-5	-2.17E-5
	CC16	-0.0059	0.0403	-0.1051	2.83E-4	5.49E-5	-2.10E-5
	CC17	-0.0044	0.0361	-0.1041	2.54E-4	4.17E-5	-1.18E-5
	CC18	0.0046	-0.0368	-0.0715	-2.66E-4	-4.32E-5	1.24E-5
	CC19	0.0060	-0.0410	-0.0705	-2.95E-4	-5.64E-5	2.16E-5
	CC20	-0.0040	-0.0385	-0.0664	-2.77E-4	3.52E-5	2.23E-5
	CC21	-0.0025	-0.0426	-0.0654	-3.06E-4	2.20E-5	3.14E-5
302	CC1	0.0000	0.0000	-0.0900	-1.90E-6	-4.92E-7	-7.99E-8
	CC2	0.0000	0.0000	-0.0900	-1.90E-6	-4.92E-7	-7.99E-8
	CC3	0.0000	0.0000	-0.0900	-1.90E-6	-4.92E-7	-7.99E-8
	CC4	0.0000	0.0000	-0.0874	-1.57E-6	-5.39E-7	-8.30E-8
	CC5	0.0000	0.0000	-0.0874	-1.57E-6	-5.39E-7	-8.30E-8
	CC6	0.0042	0.0059	-0.0966	1.02E-4	-8.64E-5	-1.31E-5
	CC7	0.0044	0.0054	-0.0963	9.35E-5	-8.92E-5	-1.17E-5
	CC8	0.0044	-0.0032	-0.0873	-5.83E-5	-8.97E-5	-4.02E-6
	CC9	0.0045	-0.0037	-0.0871	-6.69E-5	-9.25E-5	-2.60E-6
	CC10	-0.0045	0.0036	-0.0860	6.40E-5	9.14E-5	2.43E-6
	CC11	-0.0043	0.0031	-0.0858	5.54E-5	8.86E-5	3.85E-6
	CC12	-0.0043	-0.0054	-0.0768	-9.64E-5	8.81E-5	1.15E-5
	CC13	-0.0042	-0.0059	-0.0765	-1.05E-4	8.53E-5	1.30E-5
	CC14	0.0008	0.0163	-0.1040	2.86E-4	-1.72E-5	-1.99E-5
	CC15	0.0013	0.0146	-0.1031	2.57E-4	-2.64E-5	-1.52E-5
	CC16	-0.0018	0.0156	-0.1008	2.74E-4	3.62E-5	-1.53E-5
	CC17	-0.0013	0.0140	-0.1000	2.46E-4	2.69E-5	-1.06E-5
	CC18	0.0014	-0.0140	-0.0731	-2.49E-4	-2.80E-5	1.04E-5
	CC19	0.0018	-0.0156	-0.0723	-2.77E-4	-3.73E-5	1.51E-5
	CC20	-0.0012	-0.0147	-0.0700	-2.60E-4	2.53E-5	1.51E-5
	CC21	-0.0008	-0.0163	-0.0691	-2.89E-4	1.61E-5	1.98E-5
303	CC1	-0.0004	-0.0009	-0.0951	-8.44E-6	2.44E-6	2.42E-6
	CC2	-0.0004	-0.0009	-0.0951	-8.44E-6	2.44E-6	2.42E-6
	CC3	-0.0004	-0.0009	-0.0951	-8.44E-6	2.44E-6	2.42E-6

	CC4	-0.0004	-0.0008	-0.0922	-7.61E-6	2.21E-6	2.31E-6
	CC5	-0.0004	-0.0008	-0.0922	-7.61E-6	2.21E-6	2.31E-6
	CC6	0.0275	0.0250	-0.0903	1.19E-4	-1.60E-4	-2.33E-5
	CC7	0.0272	0.0228	-0.0909	1.09E-4	-1.58E-4	-1.99E-5
	CC8	0.0283	-0.0140	-0.0976	-6.25E-5	-1.63E-4	-2.40E-5
	CC9	0.0280	-0.0162	-0.0981	-7.24E-5	-1.61E-4	-2.07E-5
	CC10	-0.0287	0.0147	-0.0845	5.78E-5	1.65E-4	2.52E-5
	CC11	-0.0290	0.0125	-0.0850	4.79E-5	1.67E-4	2.86E-5
	CC12	-0.0279	-0.0243	-0.0917	-1.24E-4	1.62E-4	2.44E-5
	CC13	-0.0282	-0.0265	-0.0922	-1.34E-4	1.64E-4	2.78E-5
	CC14	0.0073	0.0693	-0.0793	3.21E-4	-4.46E-5	-9.28E-6
	CC15	0.0062	0.0621	-0.0810	2.89E-4	-3.85E-5	1.85E-6
	CC16	-0.0096	0.0663	-0.0775	3.03E-4	5.30E-5	5.26E-6
	CC17	-0.0107	0.0590	-0.0792	2.70E-4	5.91E-5	1.64E-5
	CC18	0.0099	-0.0606	-0.1033	-2.85E-4	-5.48E-5	-1.18E-5
	CC19	0.0088	-0.0678	-0.1050	-3.18E-4	-4.87E-5	-7.10E-7
	CC20	-0.0070	-0.0637	-0.1016	-3.03E-4	4.28E-5	2.70E-6
	CC21	-0.0080	-0.0709	-0.1033	-3.36E-4	4.88E-5	1.38E-5
304	CC1	-0.0002	-0.0005	-0.0930	-3.32E-6	2.79E-6	2.04E-6
	CC2	-0.0002	-0.0005	-0.0930	-3.32E-6	2.79E-6	2.04E-6
	CC3	-0.0002	-0.0005	-0.0930	-3.32E-6	2.79E-6	2.04E-6
	CC4	-0.0002	-0.0004	-0.0903	-2.85E-6	2.54E-6	1.95E-6
	CC5	-0.0002	-0.0004	-0.0903	-2.85E-6	2.54E-6	1.95E-6
	CC6	0.0142	0.0150	-0.0895	1.18E-4	-1.41E-4	-1.28E-5
	CC7	0.0140	0.0137	-0.0899	1.07E-4	-1.39E-4	-1.07E-5
	CC8	0.0147	-0.0080	-0.0947	-6.48E-5	-1.44E-4	-1.61E-5
	CC9	0.0145	-0.0093	-0.0951	-7.49E-5	-1.42E-4	-1.41E-5
	CC10	-0.0149	0.0086	-0.0836	6.95E-5	1.47E-4	1.80E-5
	CC11	-0.0151	0.0073	-0.0840	5.94E-5	1.48E-4	2.00E-5
	CC12	-0.0144	-0.0145	-0.0888	-1.13E-4	1.44E-4	1.46E-5
	CC13	-0.0146	-0.0158	-0.0892	-1.23E-4	1.46E-4	1.66E-5
	CC14	0.0036	0.0411	-0.0808	3.25E-4	-3.88E-5	-3.86E-7
	CC15	0.0030	0.0368	-0.0822	2.92E-4	-3.31E-5	6.26E-6
	CC16	-0.0051	0.0392	-0.0791	3.11E-4	4.74E-5	8.83E-6
	CC17	-0.0057	0.0349	-0.0804	2.77E-4	5.31E-5	1.55E-5
	CC18	0.0053	-0.0357	-0.0983	-2.83E-4	-4.82E-5	-1.16E-5
	CC19	0.0048	-0.0400	-0.0996	-3.16E-4	-4.25E-5	-5.00E-6
	CC20	-0.0034	-0.0376	-0.0965	-2.97E-4	3.80E-5	-2.43E-6
	CC21	-0.0040	-0.0419	-0.0979	-3.31E-4	4.37E-5	4.22E-6
305	CC1	0.0000	-0.0002	-0.0910	-3.11E-6	1.73E-6	1.07E-6
	CC2	0.0000	-0.0002	-0.0910	-3.11E-6	1.73E-6	1.07E-6
	CC3	0.0000	-0.0002	-0.0910	-3.11E-6	1.73E-6	1.07E-6
	CC4	0.0000	-0.0002	-0.0883	-2.79E-6	1.57E-6	1.02E-6
	CC5	0.0000	-0.0002	-0.0883	-2.79E-6	1.57E-6	1.02E-6
	CC6	0.0040	0.0029	-0.0891	1.01E-4	-8.76E-5	-4.90E-6
	CC7	0.0040	0.0025	-0.0894	9.19E-5	-8.65E-5	-4.04E-6
	CC8	0.0043	-0.0052	-0.0911	-5.28E-5	-9.04E-5	-8.25E-6
	CC9	0.0042	-0.0057	-0.0913	-6.16E-5	-8.94E-5	-7.39E-6
	CC10	-0.0043	0.0054	-0.0836	5.63E-5	9.24E-5	9.40E-6
	CC11	-0.0044	0.0049	-0.0838	4.75E-5	9.35E-5	1.03E-5
	CC12	-0.0041	-0.0028	-0.0855	-9.73E-5	8.96E-5	6.05E-6
	CC13	-0.0041	-0.0033	-0.0858	-1.06E-4	9.06E-5	6.91E-6
	CC14	0.0009	0.0139	-0.0846	2.74E-4	-2.25E-5	3.02E-6
	CC15	0.0007	0.0123	-0.0854	2.45E-4	-1.90E-5	5.87E-6
	CC16	-0.0016	0.0146	-0.0830	2.61E-4	3.15E-5	7.31E-6
	CC17	-0.0018	0.0130	-0.0837	2.32E-4	3.50E-5	1.02E-5
	CC18	0.0017	-0.0134	-0.0912	-2.37E-4	-3.20E-5	-8.15E-6
	CC19	0.0015	-0.0149	-0.0919	-2.66E-4	-2.85E-5	-5.30E-6
	CC20	-0.0008	-0.0126	-0.0895	-2.51E-4	2.20E-5	-3.86E-6
	CC21	-0.0010	-0.0142	-0.0903	-2.80E-4	2.55E-5	-1.01E-6
306	CC1	0.0000	-0.0018	-0.0932	-1.34E-5	-7.44E-7	-6.22E-6
	CC2	0.0000	-0.0018	-0.0932	-1.34E-5	-7.44E-7	-6.22E-6
	CC3	0.0000	-0.0018	-0.0932	-1.34E-5	-7.44E-7	-6.22E-6
	CC4	0.0000	-0.0016	-0.0905	-1.22E-5	-6.79E-7	-6.12E-6
	CC5	0.0000	-0.0016	-0.0905	-1.22E-5	-6.79E-7	-6.12E-6
	CC6	0.0376	0.0302	-0.0918	9.94E-5	5.52E-6	-4.38E-5
	CC7	0.0387	0.0288	-0.0914	9.19E-5	5.10E-6	-3.90E-5
	CC8	0.0397	-0.0213	-0.0801	-1.30E-4	-7.19E-6	-3.99E-5
	CC9	0.0408	-0.0227	-0.0797	-1.37E-4	-7.61E-6	-3.51E-5
	CC10	-0.0407	0.0197	-0.0996	1.13E-4	6.29E-6	2.29E-5
	CC11	-0.0396	0.0182	-0.0992	1.06E-4	5.88E-6	2.77E-5
	CC12	-0.0386	-0.0319	-0.0879	-1.16E-4	-6.42E-6	2.68E-5

	CC13	-0.0375	-0.0333	-0.0875	-1.23E-4	-6.83E-6	3.16E-5
	CC14	0.0065	0.0883	-0.1087	3.80E-4	2.11E-5	-3.06E-5
	CC15	0.0102	0.0836	-0.1073	3.55E-4	1.97E-5	-1.46E-5
	CC16	-0.0170	0.0851	-0.1110	3.84E-4	2.13E-5	-1.06E-5
	CC17	-0.0133	0.0805	-0.1096	3.60E-4	2.00E-5	5.42E-6
	CC18	0.0134	-0.0836	-0.0697	-3.83E-4	-2.13E-5	-1.76E-5
	CC19	0.0171	-0.0882	-0.0682	-4.08E-4	-2.26E-5	-1.60E-6
	CC20	-0.0101	-0.0867	-0.0720	-3.79E-4	-2.10E-5	2.43E-6
	CC21	-0.0064	-0.0914	-0.0706	-4.04E-4	-2.24E-5	1.84E-5
307	CC1	0.0001	-0.0013	-0.0935	-7.57E-6	-4.20E-7	-4.39E-6
	CC2	0.0001	-0.0013	-0.0935	-7.57E-6	-4.20E-7	-4.39E-6
	CC3	0.0001	-0.0013	-0.0935	-7.57E-6	-4.20E-7	-4.39E-6
	CC4	0.0001	-0.0011	-0.0908	-6.66E-6	-3.70E-7	-4.37E-6
	CC5	0.0001	-0.0011	-0.0908	-6.66E-6	-3.70E-7	-4.37E-6
	CC6	0.0376	0.0296	-0.0980	1.13E-4	6.29E-6	-4.21E-5
	CC7	0.0388	0.0278	-0.0977	1.05E-4	5.82E-6	-3.73E-5
	CC8	0.0397	-0.0223	-0.0863	-1.07E-4	-5.94E-6	-3.82E-5
	CC9	0.0409	-0.0241	-0.0860	-1.16E-4	-6.41E-6	-3.34E-5
	CC10	-0.0406	0.0219	-0.0939	1.03E-4	5.71E-6	2.46E-5
	CC11	-0.0394	0.0201	-0.0936	9.43E-5	5.24E-6	2.95E-5
	CC12	-0.0385	-0.0300	-0.0822	-1.18E-4	-6.52E-6	2.85E-5
	CC13	-0.0373	-0.0318	-0.0819	-1.26E-4	-6.99E-6	3.34E-5
	CC14	0.0065	0.0896	-0.1106	3.76E-4	2.09E-5	-2.89E-5
	CC15	0.0103	0.0835	-0.1094	3.48E-4	1.93E-5	-1.29E-5
	CC16	-0.0169	0.0873	-0.1094	3.73E-4	2.07E-5	-8.85E-6
	CC17	-0.0132	0.0812	-0.1082	3.45E-4	1.92E-5	7.14E-6
	CC18	0.0135	-0.0834	-0.0717	-3.58E-4	-1.99E-5	-1.59E-5
	CC19	0.0172	-0.0895	-0.0705	-3.86E-4	-2.14E-5	1.21E-7
	CC20	-0.0100	-0.0857	-0.0704	-3.61E-4	-2.00E-5	4.15E-6
	CC21	-0.0062	-0.0918	-0.0693	-3.89E-4	-2.16E-5	2.01E-5
308	CC1	0.0003	-0.0011	-0.0937	-1.07E-6	-5.95E-8	5.20E-7
	CC2	0.0003	-0.0011	-0.0937	-1.07E-6	-5.95E-8	5.20E-7
	CC3	0.0003	-0.0011	-0.0937	-1.07E-6	-5.95E-8	5.20E-7
	CC4	0.0003	-0.0010	-0.0911	-4.67E-7	-2.59E-8	3.79E-7
	CC5	0.0003	-0.0010	-0.0911	-4.67E-7	-2.59E-8	3.79E-7
	CC6	0.0377	0.0311	-0.1040	1.23E-4	6.82E-6	-3.74E-5
	CC7	0.0389	0.0288	-0.1037	1.14E-4	6.32E-6	-3.26E-5
	CC8	0.0398	-0.0212	-0.0917	-8.41E-5	-4.67E-6	-3.35E-5
	CC9	0.0410	-0.0235	-0.0914	-9.33E-5	-5.18E-6	-2.87E-5
	CC10	-0.0404	0.0217	-0.0890	9.28E-5	5.15E-6	2.93E-5
	CC11	-0.0393	0.0194	-0.0887	8.36E-5	4.64E-6	3.42E-5
	CC12	-0.0383	-0.0306	-0.0767	-1.14E-4	-6.35E-6	3.32E-5
	CC13	-0.0371	-0.0329	-0.0764	-1.23E-4	-6.85E-6	3.81E-5
	CC14	0.0066	0.0914	-0.1133	3.65E-4	2.02E-5	-2.42E-5
	CC15	0.0104	0.0838	-0.1124	3.34E-4	1.86E-5	-8.18E-6
	CC16	-0.0169	0.0886	-0.1088	3.55E-4	1.97E-5	-4.15E-6
	CC17	-0.0130	0.0810	-0.1079	3.25E-4	1.81E-5	1.18E-5
	CC18	0.0136	-0.0828	-0.0725	-3.26E-4	-1.81E-5	-1.12E-5
	CC19	0.0174	-0.0904	-0.0716	-3.56E-4	-1.98E-5	4.82E-6
	CC20	-0.0098	-0.0856	-0.0680	-3.35E-4	-1.86E-5	8.84E-6
	CC21	-0.0060	-0.0932	-0.0671	-3.65E-4	-2.03E-5	2.48E-5
309	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.20E-1
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.20E-1
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	1.20E-1
	CC4	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.07E-1
	CC5	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.07E-1
	CC6	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	7.56E-1
	CC7	0.0000	0.0000	-0.0846	0.00E+0	0.00E+0	8.31E-1
	CC8	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	3.41E-1
	CC9	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	4.16E-1
	CC10	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	-2.12E-1
	CC11	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	-1.37E-1
	CC12	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	-6.27E-1
	CC13	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	-5.51E-1
	CC14	0.0000	0.0000	-0.0950	0.00E+0	0.00E+0	8.14E-1
	CC15	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	1.06E-9
	CC16	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	5.24E-1
	CC17	0.0000	0.0000	-0.0960	0.00E+0	0.00E+0	7.73E-1
	CC18	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	-5.68E-1
	CC19	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	-3.19E-1
	CC20	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	-8.59E-1
	CC21	0.0000	0.0000	-0.0750	0.00E+0	0.00E+0	-6.10E-1

310	CC1	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-3.74E-11
	CC2	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-3.74E-11
	CC3	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-3.74E-11
	CC4	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-4.25E-11
	CC5	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-4.25E-11
	CC6	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	1.79E-9
	CC7	0.0000	0.0000	-0.0862	0.00E+0	0.00E+0	1.98E-9
	CC8	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	-3.59E-1
	CC9	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	-1.67E-1
	CC10	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	7.92E-11
	CC11	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	2.70E-1
	CC12	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	-2.07E-9
	CC13	0.0000	0.0000	-0.0837	0.00E+0	0.00E+0	-1.88E-9
	CC14	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	3.48E-9
	CC15	0.0000	0.0000	-0.0946	0.00E+0	0.00E+0	4.12E-9
	CC16	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	2.97E-9
	CC17	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	3.60E-9
	CC18	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	-3.69E-9
	CC19	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	-3.06E-9
	CC20	0.0000	0.0000	-0.0756	0.00E+0	0.00E+0	-4.20E-9
	CC21	0.0000	0.0000	-0.0747	0.00E+0	0.00E+0	-3.57E-9
311	CC1	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-2.50E-12
	CC2	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-2.50E-12
	CC3	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-2.50E-12
	CC4	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-1.15E-11
	CC5	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	-1.15E-11
	CC6	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	2.50E-9
	CC7	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	2.68E-9
	CC8	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-1.49E-9
	CC9	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.30E-9
	CC10	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	1.27E-9
	CC11	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	1.46E-9
	CC12	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	-2.71E-9
	CC13	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-2.53E-9
	CC14	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	6.50E-9
	CC15	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	7.12E-9
	CC16	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	6.14E-9
	CC17	0.0000	0.0000	-0.0948	0.00E+0	0.00E+0	6.76E-9
	CC18	0.0000	0.0000	-0.0756	0.00E+0	0.00E+0	-6.79E-9
	CC19	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	-6.17E-9
	CC20	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	-7.15E-9
	CC21	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	-6.53E-9
312	CC1	-0.0003	-0.0004	-0.0919	-2.51E-6	5.87E-6	-1.64E-6
	CC2	-0.0003	-0.0004	-0.0919	-2.51E-6	5.87E-6	-1.64E-6
	CC3	-0.0003	-0.0004	-0.0919	-2.51E-6	5.87E-6	-1.64E-6
	CC4	-0.0002	-0.0003	-0.0892	-2.11E-6	5.52E-6	-1.61E-6
	CC5	-0.0002	-0.0003	-0.0892	-2.11E-6	5.52E-6	-1.61E-6
	CC6	0.0265	0.0230	-0.0863	1.52E-4	-4.41E-5	-2.56E-5
	CC7	0.0272	0.0224	-0.0859	1.47E-4	-4.95E-5	-2.25E-5
	CC8	0.0271	-0.0110	-0.0754	-8.58E-5	-6.98E-5	-2.41E-5
	CC9	0.0279	-0.0116	-0.0750	-9.07E-5	-7.53E-5	-2.10E-5
	CC10	-0.0283	0.0110	-0.1017	8.67E-5	8.61E-5	1.78E-5
	CC11	-0.0275	0.0104	-0.1012	8.19E-5	8.06E-5	2.09E-5
	CC12	-0.0276	-0.0230	-0.0908	-1.51E-4	6.04E-5	1.93E-5
	CC13	-0.0269	-0.0236	-0.0903	-1.56E-4	5.49E-5	2.24E-5
	CC14	0.0056	0.0591	-0.1050	4.12E-4	3.78E-5	-1.58E-5
	CC15	0.0082	0.0571	-0.1034	3.96E-4	1.98E-5	-5.47E-6
	CC16	-0.0108	0.0555	-0.1096	3.92E-4	7.69E-5	-2.72E-6
	CC17	-0.0083	0.0535	-0.1080	3.76E-4	5.88E-5	7.57E-6
	CC18	0.0079	-0.0541	-0.0687	-3.80E-4	-4.80E-5	-1.08E-5
	CC19	0.0104	-0.0561	-0.0671	-3.96E-4	-6.61E-5	-4.90E-7
	CC20	-0.0086	-0.0577	-0.0733	-4.00E-4	-8.95E-6	2.26E-6
	CC21	-0.0060	-0.0597	-0.0717	-4.16E-4	-2.70E-5	1.25E-5
313	CC1	-0.0003	-0.0001	-0.0907	-2.91E-6	6.15E-7	-4.70E-7
	CC2	-0.0003	-0.0001	-0.0907	-2.91E-6	6.15E-7	-4.70E-7
	CC3	-0.0003	-0.0001	-0.0907	-2.91E-6	6.15E-7	-4.70E-7
	CC4	-0.0002	-0.0001	-0.0881	-2.63E-6	5.64E-7	-4.72E-7
	CC5	-0.0002	-0.0001	-0.0881	-2.63E-6	5.64E-7	-4.72E-7
	CC6	0.0166	0.0114	-0.0854	1.16E-4	-5.60E-5	-1.31E-5
	CC7	0.0171	0.0111	-0.0850	1.13E-4	-5.96E-5	-1.15E-5
	CC8	0.0162	-0.0049	-0.0761	-5.61E-5	-6.00E-5	-1.15E-5
	CC9	0.0167	-0.0051	-0.0756	-5.91E-5	-6.36E-5	-9.93E-6

	CC10	-0.0172	0.0049	-0.0989	5.40E-5	6.47E-5	8.98E-6
	CC11	-0.0167	0.0047	-0.0984	5.10E-5	6.11E-5	1.06E-5
	CC12	-0.0175	-0.0113	-0.0895	-1.18E-4	6.07E-5	1.05E-5
	CC13	-0.0171	-0.0116	-0.0890	-1.21E-4	5.71E-5	1.21E-5
	CC14	0.0046	0.0284	-0.1016	2.98E-4	-4.97E-6	-8.99E-6
	CC15	0.0062	0.0275	-0.1001	2.88E-4	-1.69E-5	-3.71E-6
	CC16	-0.0055	0.0265	-0.1056	2.79E-4	3.12E-5	-2.38E-6
	CC17	-0.0039	0.0256	-0.1042	2.69E-4	1.93E-5	2.91E-6
	CC18	0.0035	-0.0258	-0.0703	-2.74E-4	-1.82E-5	-3.85E-6
	CC19	0.0051	-0.0267	-0.0689	-2.84E-4	-3.01E-5	1.43E-6
	CC20	-0.0067	-0.0277	-0.0744	-2.93E-4	1.80E-5	2.76E-6
	CC21	-0.0051	-0.0286	-0.0729	-3.03E-4	6.06E-6	8.05E-6
314	CC1	-0.0002	0.0000	-0.0896	-8.78E-8	1.44E-6	-7.37E-8
	CC2	-0.0002	0.0000	-0.0896	-8.78E-8	1.44E-6	-7.37E-8
	CC3	-0.0002	0.0000	-0.0896	-8.78E-8	1.44E-6	-7.37E-8
	CC4	-0.0002	0.0000	-0.0870	-9.70E-8	1.34E-6	-7.82E-8
	CC5	-0.0002	0.0000	-0.0870	-9.70E-8	1.34E-6	-7.82E-8
	CC6	0.0077	0.0032	-0.0845	7.11E-5	-5.60E-5	-3.57E-6
	CC7	0.0080	0.0031	-0.0840	6.95E-5	-5.90E-5	-3.14E-6
	CC8	0.0072	-0.0012	-0.0766	-2.87E-5	-5.71E-5	-2.89E-6
	CC9	0.0074	-0.0013	-0.0762	-3.03E-5	-6.01E-5	-2.46E-6
	CC10	-0.0078	0.0012	-0.0960	3.01E-5	6.28E-5	2.30E-6
	CC11	-0.0075	0.0012	-0.0956	2.85E-5	5.97E-5	2.73E-6
	CC12	-0.0083	-0.0031	-0.0882	-6.97E-5	6.16E-5	2.98E-6
	CC13	-0.0081	-0.0032	-0.0878	-7.13E-5	5.86E-5	3.41E-6
	CC14	0.0027	0.0076	-0.0981	1.75E-4	-9.56E-6	-2.80E-6
	CC15	0.0034	0.0074	-0.0968	1.70E-4	-1.97E-5	-1.38E-6
	CC16	-0.0020	0.0071	-0.1016	1.63E-4	2.61E-5	-1.04E-6
	CC17	-0.0012	0.0068	-0.1002	1.57E-4	1.59E-5	3.83E-7
	CC18	0.0009	-0.0069	-0.0720	-1.58E-4	-1.33E-5	-5.42E-7
	CC19	0.0017	-0.0071	-0.0707	-1.63E-4	-2.34E-5	8.78E-7
	CC20	-0.0038	-0.0074	-0.0755	-1.70E-4	2.23E-5	1.22E-6
	CC21	-0.0030	-0.0077	-0.0741	-1.75E-4	1.22E-5	2.64E-6
315	CC1	0.0008	-0.0016	-0.1104	-2.60E-5	4.59E-6	-5.22E-7
	CC2	0.0008	-0.0016	-0.1104	-2.60E-5	4.59E-6	-5.22E-7
	CC3	0.0008	-0.0016	-0.1104	-2.60E-5	4.59E-6	-5.22E-7
	CC4	0.0008	-0.0015	-0.1078	-2.38E-5	4.19E-6	-4.76E-7
	CC5	0.0008	-0.0015	-0.1078	-2.38E-5	4.19E-6	-4.76E-7
	CC6	0.0382	0.0573	-0.1328	1.17E-4	-8.81E-5	-3.82E-5
	CC7	0.0394	0.0512	-0.1320	1.03E-4	-9.09E-5	-3.34E-5
	CC8	0.0404	0.0020	-0.1196	-2.37E-5	-9.73E-5	-3.43E-5
	CC9	0.0415	-0.0041	-0.1188	-3.69E-5	-1.00E-4	-2.95E-5
	CC10	-0.0398	0.0012	-0.0950	-9.20E-6	1.08E-4	2.85E-5
	CC11	-0.0387	-0.0049	-0.0942	-2.24E-5	1.05E-4	3.34E-5
	CC12	-0.0377	-0.0541	-0.0818	-1.49E-4	9.90E-5	3.24E-5
	CC13	-0.0365	-0.0603	-0.0810	-1.63E-4	9.62E-5	3.73E-5
	CC14	0.0071	0.1093	-0.1358	2.51E-4	-5.24E-6	-2.50E-5
	CC15	0.0110	0.0891	-0.1332	2.08E-4	-1.47E-5	-8.97E-6
	CC16	-0.0164	0.0925	-0.1245	2.14E-4	5.37E-5	-4.94E-6
	CC17	-0.0125	0.0722	-0.1219	1.70E-4	4.42E-5	1.10E-5
	CC18	0.0141	-0.0752	-0.0919	-2.16E-4	-3.61E-5	-1.20E-5
	CC19	0.0181	-0.0954	-0.0893	-2.60E-4	-4.56E-5	4.02E-6
	CC20	-0.0093	-0.0920	-0.0805	-2.54E-4	2.28E-5	8.05E-6
	CC21	-0.0054	-0.1123	-0.0779	-2.98E-4	1.33E-5	2.40E-5
316	CC1	0.0005	-0.0019	-0.1099	-2.79E-5	-1.05E-5	-1.42E-6
	CC2	0.0005	-0.0019	-0.1099	-2.79E-5	-1.05E-5	-1.42E-6
	CC3	0.0005	-0.0019	-0.1099	-2.79E-5	-1.05E-5	-1.42E-6
	CC4	0.0005	-0.0017	-0.1072	-2.53E-5	-1.05E-5	-1.26E-6
	CC5	0.0005	-0.0017	-0.1072	-2.53E-5	-1.05E-5	-1.26E-6
	CC6	0.0379	0.0488	-0.1210	1.17E-4	-9.46E-5	-3.89E-5
	CC7	0.0391	0.0437	-0.1197	1.04E-4	-9.71E-5	-3.41E-5
	CC8	0.0400	-0.0057	-0.1060	-3.23E-5	-1.03E-4	-3.50E-5
	CC9	0.0412	-0.0107	-0.1047	-4.54E-5	-1.05E-4	-3.02E-5
	CC10	-0.0402	0.0073	-0.1078	-3.59E-6	8.42E-5	2.78E-5
	CC11	-0.0390	0.0023	-0.1065	-1.67E-5	8.16E-5	3.26E-5
	CC12	-0.0381	-0.0472	-0.0928	-1.53E-4	7.62E-5	3.17E-5
	CC13	-0.0369	-0.0522	-0.0915	-1.66E-4	7.36E-5	3.65E-5
	CC14	0.0067	0.1036	-0.1353	2.64E-4	-1.97E-5	-2.57E-5
	CC15	0.0106	0.0870	-0.1311	2.20E-4	-2.83E-5	-9.72E-6
	CC16	-0.0167	0.0912	-0.1314	2.28E-4	3.39E-5	-5.69E-6
	CC17	-0.0128	0.0745	-0.1271	1.84E-4	2.54E-5	1.03E-5
	CC18	0.0138	-0.0780	-0.0854	-2.33E-4	-4.63E-5	-1.27E-5

	CC19	0.0177	-0.0946	-0.0811	-2.76E-4	-5.48E-5	3.28E-6
	CC20	-0.0096	-0.0904	-0.0814	-2.69E-4	7.33E-6	7.31E-6
	CC21	-0.0057	-0.1070	-0.0772	-3.13E-4	-1.22E-6	2.33E-5
317	CC1	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.19E-1
	CC2	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.19E-1
	CC3	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.19E-1
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	3.92E-1
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	3.92E-1
	CC6	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	4.56E-9
	CC7	0.0000	0.0000	-0.1142	0.00E+0	0.00E+0	4.14E-9
	CC8	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	3.60E-9
	CC9	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	3.17E-9
	CC10	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	-2.41E-9
	CC11	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	-2.84E-9
	CC12	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	-3.37E-9
	CC13	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	-3.80E-9
	CC14	0.0000	0.0000	-0.1216	0.00E+0	0.00E+0	3.75E-9
	CC15	0.0000	0.0000	-0.1188	0.00E+0	0.00E+0	2.33E-9
	CC16	0.0000	0.0000	-0.1149	0.00E+0	0.00E+0	1.65E-9
	CC17	0.0000	0.0000	-0.1122	0.00E+0	0.00E+0	2.36E-1
	CC18	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	5.29E-1
	CC19	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	-8.89E-1
	CC20	0.0000	0.0000	-0.0768	0.00E+0	0.00E+0	-1.56E-9
	CC21	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	-2.98E-9
318	CC1	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-4.34E-1
	CC2	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-4.34E-1
	CC3	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-4.34E-1
	CC4	0.0000	0.0000	-0.0984	0.00E+0	0.00E+0	-4.11E-1
	CC5	0.0000	0.0000	-0.0984	0.00E+0	0.00E+0	-4.11E-1
	CC6	0.0000	0.0000	-0.1126	0.00E+0	0.00E+0	7.33E-9
	CC7	0.0000	0.0000	-0.1117	0.00E+0	0.00E+0	6.36E-9
	CC8	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	5.69E-9
	CC9	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	4.72E-9
	CC10	0.0000	0.0000	-0.0950	0.00E+0	0.00E+0	-5.52E-9
	CC11	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	-6.50E-9
	CC12	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	-7.16E-9
	CC13	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-8.13E-9
	CC14	0.0000	0.0000	-0.1210	0.00E+0	0.00E+0	5.86E-9
	CC15	0.0000	0.0000	-0.1181	0.00E+0	0.00E+0	2.65E-9
	CC16	0.0000	0.0000	-0.1157	0.00E+0	0.00E+0	2.01E-9
	CC17	0.0000	0.0000	-0.1128	0.00E+0	0.00E+0	-1.21E-9
	CC18	0.0000	0.0000	-0.0823	0.00E+0	0.00E+0	4.04E-1
	CC19	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	-2.81E-9
	CC20	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-3.45E-9
	CC21	0.0000	0.0000	-0.0741	0.00E+0	0.00E+0	-6.67E-9
319	CC1	0.0008	0.0001	-0.1082	-1.02E-5	-1.71E-6	-1.26E-6
	CC2	0.0008	0.0001	-0.1082	-1.02E-5	-1.71E-6	-1.26E-6
	CC3	0.0008	0.0001	-0.1082	-1.02E-5	-1.71E-6	-1.26E-6
	CC4	0.0008	0.0001	-0.1056	-9.45E-6	-1.80E-6	-1.16E-6
	CC5	0.0008	0.0001	-0.1056	-9.45E-6	-1.80E-6	-1.16E-6
	CC6	0.0269	0.0466	-0.1345	2.11E-4	-1.39E-4	-3.63E-5
	CC7	0.0277	0.0417	-0.1339	1.88E-4	-1.44E-4	-3.20E-5
	CC8	0.0281	0.0048	-0.1222	8.60E-6	-1.48E-4	-2.72E-5
	CC9	0.0289	-0.0001	-0.1216	-1.45E-5	-1.53E-4	-2.28E-5
	CC10	-0.0273	0.0002	-0.0878	-3.90E-6	1.49E-4	2.06E-5
	CC11	-0.0264	-0.0047	-0.0872	-2.70E-5	1.45E-4	2.49E-5
	CC12	-0.0261	-0.0415	-0.0755	-2.07E-4	1.40E-4	2.97E-5
	CC13	-0.0252	-0.0465	-0.0749	-2.30E-4	1.36E-4	3.40E-5
	CC14	0.0056	0.0848	-0.1331	3.99E-4	-2.30E-5	-3.20E-5
	CC15	0.0083	0.0685	-0.1311	3.23E-4	-3.75E-5	-1.77E-5
	CC16	-0.0106	0.0709	-0.1191	3.35E-4	6.35E-5	-1.50E-5
	CC17	-0.0079	0.0546	-0.1171	2.58E-4	4.90E-5	-6.82E-7
	CC18	0.0096	-0.0545	-0.0923	-2.77E-4	-5.27E-5	-1.58E-6
	CC19	0.0123	-0.0708	-0.0903	-3.53E-4	-6.72E-5	1.27E-5
	CC20	-0.0067	-0.0684	-0.0783	-3.41E-4	3.38E-5	1.55E-5
	CC21	-0.0040	-0.0847	-0.0763	-4.18E-4	1.93E-5	2.97E-5
320	CC1	0.0006	0.0005	-0.1059	6.67E-7	-3.56E-6	-1.04E-6
	CC2	0.0006	0.0005	-0.1059	6.67E-7	-3.56E-6	-1.04E-6
	CC3	0.0006	0.0005	-0.1059	6.67E-7	-3.56E-6	-1.04E-6
	CC4	0.0006	0.0004	-0.1034	4.63E-7	-3.52E-6	-9.64E-7
	CC5	0.0006	0.0004	-0.1034	4.63E-7	-3.52E-6	-9.64E-7
	CC6	0.0149	0.0265	-0.1289	2.39E-4	-1.33E-4	-2.38E-5

	CC7	0.0153	0.0237	-0.1282	2.14E-4	-1.37E-4	-2.10E-5
	CC8	0.0154	0.0033	-0.1169	2.42E-5	-1.39E-4	-1.78E-5
	CC9	0.0159	0.0005	-0.1162	-1.07E-6	-1.43E-4	-1.50E-5
	CC10	-0.0147	0.0003	-0.0888	1.86E-6	1.36E-4	1.31E-5
	CC11	-0.0142	-0.0025	-0.0881	-2.35E-5	1.32E-4	1.59E-5
	CC12	-0.0141	-0.0229	-0.0768	-2.13E-4	1.30E-4	1.91E-5
	CC13	-0.0137	-0.0257	-0.0761	-2.38E-4	1.26E-4	2.19E-5
	CC14	0.0034	0.0475	-0.1295	4.36E-4	-2.72E-5	-2.11E-5
	CC15	0.0049	0.0384	-0.1273	3.52E-4	-4.08E-5	-1.19E-5
	CC16	-0.0055	0.0397	-0.1175	3.65E-4	5.38E-5	-1.00E-5
	CC17	-0.0040	0.0305	-0.1153	2.81E-4	4.01E-5	-7.97E-7
	CC18	0.0052	-0.0297	-0.0897	-2.80E-4	-4.72E-5	-1.08E-6
	CC19	0.0067	-0.0389	-0.0875	-3.64E-4	-6.08E-5	8.15E-6
	CC20	-0.0037	-0.0376	-0.0777	-3.51E-4	3.37E-5	9.99E-6
	CC21	-0.0022	-0.0467	-0.0755	-4.35E-4	2.01E-5	1.92E-5
321	CC1	0.0002	0.0002	-0.1035	4.04E-6	-4.30E-6	-4.86E-7
	CC2	0.0002	0.0002	-0.1035	4.04E-6	-4.30E-6	-4.86E-7
	CC3	0.0002	0.0002	-0.1035	4.04E-6	-4.30E-6	-4.86E-7
	CC4	0.0002	0.0002	-0.1010	3.60E-6	-4.20E-6	-4.51E-7
	CC5	0.0002	0.0002	-0.1010	3.60E-6	-4.20E-6	-4.51E-7
	CC6	0.0047	0.0081	-0.1224	1.70E-4	-9.51E-5	-9.54E-6
	CC7	0.0048	0.0072	-0.1217	1.53E-4	-9.80E-5	-8.41E-6
	CC8	0.0048	0.0011	-0.1107	2.25E-5	-9.83E-5	-8.13E-6
	CC9	0.0050	0.0003	-0.1100	4.76E-6	-1.01E-4	-6.99E-6
	CC10	-0.0045	0.0001	-0.0904	2.13E-6	9.28E-5	6.11E-6
	CC11	-0.0043	-0.0007	-0.0897	-1.56E-5	9.00E-5	7.25E-6
	CC12	-0.0043	-0.0068	-0.0787	-1.46E-4	8.96E-5	7.53E-6
	CC13	-0.0042	-0.0077	-0.0780	-1.63E-4	8.68E-5	8.66E-6
	CC14	0.0012	0.0143	-0.1257	3.04E-4	-2.23E-5	-7.02E-6
	CC15	0.0016	0.0115	-0.1233	2.46E-4	-3.18E-5	-3.27E-6
	CC16	-0.0016	0.0119	-0.1161	2.54E-4	3.41E-5	-2.32E-6
	CC17	-0.0011	0.0091	-0.1136	1.95E-4	2.46E-5	1.43E-6
	CC18	0.0016	-0.0088	-0.0867	-1.88E-4	-3.30E-5	-2.31E-6
	CC19	0.0021	-0.0115	-0.0843	-2.47E-4	-4.24E-5	1.44E-6
	CC20	-0.0011	-0.0112	-0.0771	-2.39E-4	2.34E-5	2.39E-6
	CC21	-0.0007	-0.0139	-0.0747	-2.97E-4	1.40E-5	6.14E-6
322	CC1	-0.0001	0.0000	-0.1074	-1.19E-5	-3.06E-6	8.69E-7
	CC2	-0.0001	0.0000	-0.1074	-1.19E-5	-3.06E-6	8.69E-7
	CC3	-0.0001	0.0000	-0.1074	-1.19E-5	-3.06E-6	8.69E-7
	CC4	-0.0001	-0.0001	-0.1047	-1.10E-5	-3.13E-6	8.40E-7
	CC5	-0.0001	-0.0001	-0.1047	-1.10E-5	-3.13E-6	8.40E-7
	CC6	0.0272	0.0351	-0.1043	1.69E-4	-1.39E-4	-2.27E-5
	CC7	0.0281	0.0317	-0.1029	1.51E-4	-1.43E-4	-1.95E-5
	CC8	0.0286	-0.0047	-0.0897	-3.14E-5	-1.47E-4	-2.54E-5
	CC9	0.0295	-0.0082	-0.0884	-4.90E-5	-1.51E-4	-2.22E-5
	CC10	-0.0296	0.0080	-0.1193	2.77E-5	1.45E-4	2.39E-5
	CC11	-0.0288	0.0045	-0.1180	1.01E-5	1.41E-4	2.71E-5
	CC12	-0.0282	-0.0318	-0.1048	-1.73E-4	1.37E-4	2.12E-5
	CC13	-0.0274	-0.0353	-0.1034	-1.90E-4	1.33E-4	2.44E-5
	CC14	0.0047	0.0761	-0.1281	3.74E-4	-2.50E-5	-6.91E-6
	CC15	0.0076	0.0646	-0.1236	3.15E-4	-3.91E-5	3.59E-6
	CC16	-0.0124	0.0680	-0.1326	3.31E-4	6.02E-5	7.07E-6
	CC17	-0.0095	0.0565	-0.1281	2.73E-4	4.60E-5	1.76E-5
	CC18	0.0093	-0.0567	-0.0796	-2.94E-4	-5.23E-5	-1.59E-5
	CC19	0.0122	-0.0682	-0.0751	-3.52E-4	-6.65E-5	-5.41E-6
	CC20	-0.0077	-0.0648	-0.0841	-3.37E-4	3.28E-5	-1.93E-6
	CC21	-0.0048	-0.0763	-0.0796	-3.95E-4	1.87E-5	8.57E-6
323	CC1	-0.0002	0.0004	-0.1053	-1.42E-7	4.30E-7	8.54E-7
	CC2	-0.0002	0.0004	-0.1053	-1.42E-7	4.30E-7	8.54E-7
	CC3	-0.0002	0.0004	-0.1053	-1.42E-7	4.30E-7	8.54E-7
	CC4	-0.0002	0.0004	-0.1027	-3.33E-7	3.83E-7	8.05E-7
	CC5	-0.0002	0.0004	-0.1027	-3.33E-7	3.83E-7	8.05E-7
	CC6	0.0150	0.0196	-0.1155	1.81E-4	-1.37E-4	-1.41E-5
	CC7	0.0155	0.0177	-0.1143	1.63E-4	-1.41E-4	-1.21E-5
	CC8	0.0157	-0.0023	-0.1020	-2.33E-5	-1.44E-4	-1.64E-5
	CC9	0.0162	-0.0042	-0.1007	-4.13E-5	-1.48E-4	-1.43E-5
	CC10	-0.0167	0.0048	-0.1030	4.05E-5	1.49E-4	1.59E-5
	CC11	-0.0162	0.0029	-0.1017	2.25E-5	1.44E-4	1.79E-5
	CC12	-0.0159	-0.0170	-0.0894	-1.64E-4	1.42E-4	1.37E-5
	CC13	-0.0154	-0.0189	-0.0882	-1.82E-4	1.37E-4	1.57E-5
	CC14	0.0025	0.0421	-0.1284	3.92E-4	-2.32E-5	-3.40E-6
	CC15	0.0041	0.0358	-0.1244	3.32E-4	-3.78E-5	3.31E-6

	CC16	-0.0070	0.0377	-0.1246	3.50E-4	6.23E-5	5.62E-6
	CC17	-0.0054	0.0314	-0.1206	2.90E-4	4.78E-5	1.23E-5
	CC18	0.0049	-0.0307	-0.0831	-2.91E-4	-4.70E-5	-1.07E-5
	CC19	0.0066	-0.0370	-0.0791	-3.50E-4	-6.16E-5	-4.04E-6
	CC20	-0.0046	-0.0351	-0.0793	-3.33E-4	3.86E-5	-1.73E-6
	CC21	-0.0029	-0.0414	-0.0753	-3.93E-4	2.40E-5	4.97E-6
324	CC1	-0.0001	0.0002	-0.1031	3.81E-6	2.45E-6	4.38E-7
	CC2	-0.0001	0.0002	-0.1031	3.81E-6	2.45E-6	4.38E-7
	CC3	-0.0001	0.0002	-0.1031	3.81E-6	2.45E-6	4.38E-7
	CC4	-0.0001	0.0002	-0.1006	3.31E-6	2.39E-6	4.12E-7
	CC5	-0.0001	0.0002	-0.1006	3.31E-6	2.39E-6	4.12E-7
	CC6	0.0046	0.0058	-0.1120	1.25E-4	-9.55E-5	-7.42E-6
	CC7	0.0048	0.0053	-0.1109	1.13E-4	-9.87E-5	-6.38E-6
	CC8	0.0048	-0.0006	-0.0994	-1.33E-5	-1.00E-4	-7.57E-6
	CC9	0.0050	-0.0012	-0.0983	-2.54E-5	-1.04E-4	-6.53E-6
	CC10	-0.0052	0.0015	-0.1012	3.17E-5	1.08E-4	7.34E-6
	CC11	-0.0051	0.0010	-0.1001	1.96E-5	1.05E-4	8.37E-6
	CC12	-0.0050	-0.0049	-0.0886	-1.07E-4	1.03E-4	7.19E-6
	CC13	-0.0049	-0.0055	-0.0875	-1.19E-4	1.00E-4	8.23E-6
	CC14	0.0007	0.0125	-0.1241	2.68E-4	-1.48E-5	-3.28E-6
	CC15	0.0012	0.0107	-0.1206	2.28E-4	-2.54E-5	1.51E-7
	CC16	-0.0022	0.0112	-0.1209	2.40E-4	4.63E-5	1.15E-6
	CC17	-0.0017	0.0094	-0.1174	2.00E-4	3.58E-5	4.58E-6
	CC18	0.0015	-0.0090	-0.0821	-1.94E-4	-3.10E-5	-3.77E-6
	CC19	0.0020	-0.0109	-0.0786	-2.34E-4	-4.16E-5	-3.44E-7
	CC20	-0.0015	-0.0103	-0.0789	-2.22E-4	3.02E-5	6.56E-7
	CC21	-0.0010	-0.0122	-0.0753	-2.62E-4	1.96E-5	4.08E-6
325	CC1	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-7.72E-1
	CC2	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-7.72E-1
	CC3	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	-7.72E-1
	CC4	0.0000	0.0000	-0.0987	0.00E+0	0.00E+0	-7.26E-1
	CC5	0.0000	0.0000	-0.0987	0.00E+0	0.00E+0	-7.26E-1
	CC6	0.0000	0.0000	-0.1075	0.00E+0	0.00E+0	5.88E-8
	CC7	0.0000	0.0000	-0.1078	0.00E+0	0.00E+0	5.16E-8
	CC8	0.0000	0.0000	-0.1106	0.00E+0	0.00E+0	2.83E-8
	CC9	0.0000	0.0000	-0.1109	0.00E+0	0.00E+0	2.11E-8
	CC10	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	-2.25E-8
	CC11	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	-2.97E-8
	CC12	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-5.31E-8
	CC13	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-6.03E-8
	CC14	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	7.43E-8
	CC15	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	5.04E-8
	CC16	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	4.99E-8
	CC17	0.0000	0.0000	-0.0900	0.00E+0	0.00E+0	2.60E-8
	CC18	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	-2.75E-8
	CC19	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	-5.13E-8
	CC20	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	-5.19E-8
	CC21	0.0000	0.0000	-0.1003	0.00E+0	0.00E+0	-7.57E-8
326	CC1	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-1.81E-1
	CC2	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-1.81E-1
	CC3	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-1.81E-1
	CC4	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-1.58E-1
	CC5	0.0000	0.0000	-0.0986	0.00E+0	0.00E+0	-1.58E-1
	CC6	0.0000	0.0000	-0.1101	0.00E+0	0.00E+0	4.44E-8
	CC7	0.0000	0.0000	-0.1102	0.00E+0	0.00E+0	3.90E-8
	CC8	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	2.23E-8
	CC9	0.0000	0.0000	-0.1087	0.00E+0	0.00E+0	1.69E-8
	CC10	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	-1.72E-8
	CC11	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	-2.26E-8
	CC12	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	-3.93E-8
	CC13	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	-4.47E-8
	CC14	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	5.49E-8
	CC15	0.0000	0.0000	-0.1040	0.00E+0	0.00E+0	3.69E-8
	CC16	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	3.64E-8
	CC17	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	1.84E-8
	CC18	0.0000	0.0000	-0.0987	0.00E+0	0.00E+0	-1.87E-8
	CC19	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	-3.67E-8
	CC20	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	-3.72E-8
	CC21	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	-5.52E-8
327	CC1	0.0027	-0.0011	-0.1078	-4.74E-6	-4.60E-6	8.76E-7
	CC2	0.0027	-0.0011	-0.1078	-4.74E-6	-4.60E-6	8.76E-7
	CC3	0.0027	-0.0011	-0.1078	-4.74E-6	-4.60E-6	8.76E-7

	CC4	0.0026	-0.0010	-0.1053	-4.15E-6	-4.57E-6	8.23E-7
	CC5	0.0026	-0.0010	-0.1053	-4.15E-6	-4.57E-6	8.23E-7
	CC6	0.0349	0.0532	-0.1122	2.78E-4	-1.72E-4	-3.02E-5
	CC7	0.0336	0.0472	-0.1152	2.47E-4	-1.65E-4	-2.62E-5
	CC8	0.0343	0.0134	-0.1324	6.92E-5	-1.68E-4	-2.63E-5
	CC9	0.0330	0.0073	-0.1354	3.81E-5	-1.61E-4	-2.23E-5
	CC10	-0.0279	-0.0093	-0.0735	-4.61E-5	1.52E-4	2.39E-5
	CC11	-0.0292	-0.0153	-0.0764	-7.71E-5	1.59E-4	2.79E-5
	CC12	-0.0285	-0.0492	-0.0937	-2.55E-4	1.56E-4	2.78E-5
	CC13	-0.0298	-0.0552	-0.0966	-2.86E-4	1.63E-4	3.18E-5
	CC14	0.0150	0.0848	-0.0717	4.43E-4	-7.16E-5	-2.04E-5
	CC15	0.0108	0.0649	-0.0814	3.41E-4	-4.83E-5	-7.23E-6
	CC16	-0.0038	0.0661	-0.0601	3.46E-4	2.58E-5	-4.15E-6
	CC17	-0.0080	0.0461	-0.0698	2.44E-4	4.91E-5	8.99E-6
	CC18	0.0131	-0.0481	-0.1390	-2.52E-4	-5.82E-5	-7.38E-6
	CC19	0.0089	-0.0680	-0.1487	-3.54E-4	-3.49E-5	5.76E-6
	CC20	-0.0057	-0.0669	-0.1274	-3.49E-4	3.92E-5	8.84E-6
	CC21	-0.0100	-0.0868	-0.1371	-4.51E-4	6.25E-5	2.20E-5
328	CC1	0.0019	-0.0008	-0.1056	-3.81E-6	-1.31E-5	2.02E-7
	CC2	0.0019	-0.0008	-0.1056	-3.81E-6	-1.31E-5	2.02E-7
	CC3	0.0019	-0.0008	-0.1056	-3.81E-6	-1.31E-5	2.02E-7
	CC4	0.0018	-0.0007	-0.1031	-3.38E-6	-1.25E-5	1.64E-7
	CC5	0.0018	-0.0007	-0.1031	-3.38E-6	-1.25E-5	1.64E-7
	CC6	0.0197	0.0299	-0.1094	2.56E-4	-1.71E-4	-2.53E-5
	CC7	0.0191	0.0265	-0.1118	2.27E-4	-1.65E-4	-2.21E-5
	CC8	0.0195	0.0074	-0.1254	6.57E-5	-1.67E-4	-1.99E-5
	CC9	0.0189	0.0040	-0.1278	3.70E-5	-1.61E-4	-1.67E-5
	CC10	-0.0153	-0.0054	-0.0769	-4.35E-5	1.36E-4	1.70E-5
	CC11	-0.0160	-0.0088	-0.0792	-7.22E-5	1.43E-4	2.02E-5
	CC12	-0.0155	-0.0279	-0.0929	-2.33E-4	1.41E-4	2.24E-5
	CC13	-0.0162	-0.0313	-0.0952	-2.62E-4	1.47E-4	2.56E-5
	CC14	0.0085	0.0477	-0.0767	4.06E-4	-7.62E-5	-2.05E-5
	CC15	0.0062	0.0364	-0.0844	3.11E-4	-5.48E-5	-9.89E-6
	CC16	-0.0020	0.0371	-0.0669	3.16E-4	1.61E-5	-7.82E-6
	CC17	-0.0043	0.0258	-0.0746	2.21E-4	3.75E-5	2.80E-6
	CC18	0.0078	-0.0273	-0.1300	-2.27E-4	-6.20E-5	-2.49E-6
	CC19	0.0056	-0.0386	-0.1377	-3.22E-4	-4.06E-5	8.12E-6
	CC20	-0.0027	-0.0379	-0.1202	-3.17E-4	3.03E-5	1.02E-5
	CC21	-0.0050	-0.0492	-0.1279	-4.12E-4	5.17E-5	2.08E-5
329	CC1	0.0007	-0.0004	-0.1034	-5.94E-6	-1.32E-5	-1.00E-7
	CC2	0.0007	-0.0004	-0.1034	-5.94E-6	-1.32E-5	-1.00E-7
	CC3	0.0007	-0.0004	-0.1034	-5.94E-6	-1.32E-5	-1.00E-7
	CC4	0.0007	-0.0003	-0.1010	-5.57E-6	-1.25E-5	-1.19E-7
	CC5	0.0007	-0.0003	-0.1010	-5.57E-6	-1.25E-5	-1.19E-7
	CC6	0.0063	0.0100	-0.1066	1.95E-4	-1.27E-4	-1.59E-5
	CC7	0.0061	0.0089	-0.1082	1.73E-4	-1.23E-4	-1.40E-5
	CC8	0.0065	0.0024	-0.1174	4.77E-5	-1.29E-4	-1.14E-5
	CC9	0.0063	0.0012	-0.1190	2.54E-5	-1.24E-4	-9.43E-6
	CC10	-0.0050	-0.0019	-0.0814	-3.62E-5	9.98E-5	9.18E-6
	CC11	-0.0052	-0.0031	-0.0830	-5.86E-5	1.04E-4	1.11E-5
	CC12	-0.0048	-0.0095	-0.0922	-1.84E-4	9.80E-5	1.37E-5
	CC13	-0.0050	-0.0107	-0.0938	-2.06E-4	1.02E-4	1.57E-5
	CC14	0.0024	0.0161	-0.0834	3.12E-4	-5.02E-5	-1.47E-5
	CC15	0.0018	0.0122	-0.0885	2.38E-4	-3.61E-5	-8.24E-6
	CC16	-0.0009	0.0125	-0.0758	2.43E-4	1.77E-5	-7.20E-6
	CC17	-0.0016	0.0087	-0.0810	1.69E-4	3.19E-5	-6.98E-7
	CC18	0.0029	-0.0093	-0.1194	-1.80E-4	-5.64E-5	4.48E-7
	CC19	0.0022	-0.0132	-0.1246	-2.54E-4	-4.23E-5	6.95E-6
	CC20	-0.0005	-0.0129	-0.1119	-2.49E-4	1.16E-5	7.99E-6
	CC21	-0.0011	-0.0167	-0.1170	-3.23E-4	2.57E-5	1.45E-5
330	CC1	0.0023	-0.0011	-0.1058	-1.01E-5	-5.77E-6	-1.00E-7
	CC2	0.0023	-0.0011	-0.1058	-1.01E-5	-5.77E-6	-1.00E-7
	CC3	0.0023	-0.0011	-0.1058	-1.01E-5	-5.77E-6	-1.00E-7
	CC4	0.0022	-0.0010	-0.1034	-9.41E-6	-5.68E-6	-7.17E-8
	CC5	0.0022	-0.0010	-0.1034	-9.41E-6	-5.68E-6	-7.17E-8
	CC6	0.0315	0.0535	-0.1277	2.75E-4	-1.52E-4	-3.01E-5
	CC7	0.0312	0.0475	-0.1255	2.44E-4	-1.51E-4	-2.63E-5
	CC8	0.0324	0.0134	-0.1113	6.51E-5	-1.56E-4	-2.64E-5
	CC9	0.0321	0.0074	-0.1091	3.38E-5	-1.55E-4	-2.26E-5
	CC10	-0.0277	-0.0093	-0.0962	-5.21E-5	1.43E-4	2.24E-5
	CC11	-0.0280	-0.0153	-0.0940	-8.34E-5	1.45E-4	2.63E-5
	CC12	-0.0268	-0.0493	-0.0798	-2.62E-4	1.39E-4	2.62E-5

	CC13	-0.0271	-0.0554	-0.0776	-2.94E-4	1.41E-4	3.00E-5
	CC14	0.0100	0.0853	-0.1384	4.42E-4	-4.59E-5	-2.04E-5
	CC15	0.0091	0.0653	-0.1311	3.39E-4	-4.03E-5	-7.80E-6
	CC16	-0.0077	0.0664	-0.1290	3.44E-4	4.28E-5	-4.69E-6
	CC17	-0.0086	0.0464	-0.1217	2.40E-4	4.84E-5	7.97E-6
	CC18	0.0130	-0.0483	-0.0836	-2.59E-4	-5.97E-5	-8.09E-6
	CC19	0.0121	-0.0683	-0.0763	-3.62E-4	-5.41E-5	4.56E-6
	CC20	-0.0047	-0.0672	-0.0742	-3.57E-4	2.90E-5	7.67E-6
	CC21	-0.0056	-0.0872	-0.0669	-4.61E-4	3.46E-5	2.03E-5
331	CC1	0.0016	-0.0003	-0.1042	-6.52E-6	-1.10E-5	4.92E-7
	CC2	0.0016	-0.0003	-0.1042	-6.52E-6	-1.10E-5	4.92E-7
	CC3	0.0016	-0.0003	-0.1042	-6.52E-6	-1.10E-5	4.92E-7
	CC4	0.0015	-0.0003	-0.1018	-6.01E-6	-1.06E-5	4.94E-7
	CC5	0.0015	-0.0003	-0.1018	-6.01E-6	-1.06E-5	4.94E-7
	CC6	0.0181	0.0303	-0.1228	2.55E-4	-1.53E-4	-2.36E-5
	CC7	0.0180	0.0269	-0.1211	2.26E-4	-1.52E-4	-2.07E-5
	CC8	0.0186	0.0078	-0.1102	6.34E-5	-1.58E-4	-1.84E-5
	CC9	0.0185	0.0044	-0.1085	3.45E-5	-1.56E-4	-1.54E-5
	CC10	-0.0155	-0.0049	-0.0937	-4.62E-5	1.35E-4	1.64E-5
	CC11	-0.0156	-0.0083	-0.0920	-7.51E-5	1.37E-4	1.94E-5
	CC12	-0.0150	-0.0274	-0.0810	-2.38E-4	1.31E-4	2.16E-5
	CC13	-0.0152	-0.0308	-0.0793	-2.67E-4	1.32E-4	2.46E-5
	CC14	0.0060	0.0482	-0.1293	4.07E-4	-4.80E-5	-1.92E-5
	CC15	0.0055	0.0369	-0.1237	3.11E-4	-4.36E-5	-9.29E-6
	CC16	-0.0041	0.0376	-0.1206	3.16E-4	3.84E-5	-7.19E-6
	CC17	-0.0046	0.0263	-0.1149	2.20E-4	4.28E-5	2.72E-6
	CC18	0.0076	-0.0269	-0.0872	-2.32E-4	-6.38E-5	-1.73E-6
	CC19	0.0071	-0.0381	-0.0816	-3.28E-4	-5.94E-5	8.18E-6
	CC20	-0.0025	-0.0374	-0.0785	-3.23E-4	2.27E-5	1.03E-5
	CC21	-0.0030	-0.0487	-0.0728	-4.18E-4	2.71E-5	2.02E-5
332	CC1	0.0006	0.0000	-0.1026	-1.13E-6	-1.07E-5	5.41E-7
	CC2	0.0006	0.0000	-0.1026	-1.13E-6	-1.07E-5	5.41E-7
	CC3	0.0006	0.0000	-0.1026	-1.13E-6	-1.07E-5	5.41E-7
	CC4	0.0005	0.0000	-0.1002	-8.75E-7	-1.03E-5	5.33E-7
	CC5	0.0005	0.0000	-0.1002	-8.75E-7	-1.03E-5	5.33E-7
	CC6	0.0060	0.0103	-0.1171	1.99E-4	-1.19E-4	-1.43E-5
	CC7	0.0059	0.0092	-0.1161	1.77E-4	-1.18E-4	-1.25E-5
	CC8	0.0061	0.0027	-0.1093	5.18E-5	-1.22E-4	-9.78E-6
	CC9	0.0061	0.0016	-0.1083	2.96E-5	-1.21E-4	-7.98E-6
	CC10	-0.0050	-0.0015	-0.0906	-3.11E-5	1.00E-4	9.04E-6
	CC11	-0.0051	-0.0027	-0.0896	-5.34E-5	1.01E-4	1.08E-5
	CC12	-0.0049	-0.0091	-0.0829	-1.78E-4	9.73E-5	1.36E-5
	CC13	-0.0049	-0.0103	-0.0819	-2.01E-4	9.83E-5	1.54E-5
	CC14	0.0020	0.0163	-0.1180	3.16E-4	-3.97E-5	-1.35E-5
	CC15	0.0019	0.0125	-0.1147	2.42E-4	-3.67E-5	-7.52E-6
	CC16	-0.0013	0.0128	-0.1101	2.47E-4	2.59E-5	-6.49E-6
	CC17	-0.0014	0.0090	-0.1068	1.73E-4	2.90E-5	-5.22E-7
	CC18	0.0025	-0.0089	-0.0922	-1.75E-4	-4.95E-5	1.58E-6
	CC19	0.0024	-0.0127	-0.0888	-2.49E-4	-4.64E-5	7.55E-6
	CC20	-0.0008	-0.0125	-0.0842	-2.44E-4	1.62E-5	8.58E-6
	CC21	-0.0009	-0.0163	-0.0809	-3.18E-4	1.93E-5	1.46E-5
333	CC1	0.0026	-0.0023	-0.1095	-1.14E-5	2.18E-6	1.95E-6
	CC2	0.0026	-0.0023	-0.1095	-1.14E-5	2.18E-6	1.95E-6
	CC3	0.0026	-0.0023	-0.1095	-1.14E-5	2.18E-6	1.95E-6
	CC4	0.0025	-0.0021	-0.1069	-1.05E-5	1.95E-6	1.71E-6
	CC5	0.0025	-0.0021	-0.1069	-1.05E-5	1.95E-6	1.71E-6
	CC6	0.0488	0.0786	-0.1151	3.00E-4	-1.21E-4	-3.61E-5
	CC7	0.0469	0.0696	-0.1185	2.67E-4	-1.19E-4	-3.13E-5
	CC8	0.0481	0.0209	-0.1425	6.35E-5	-1.50E-4	-3.22E-5
	CC9	0.0462	0.0120	-0.1459	3.04E-5	-1.48E-4	-2.74E-5
	CC10	-0.0412	-0.0161	-0.0662	-5.08E-5	1.52E-4	3.06E-5
	CC11	-0.0431	-0.0250	-0.0696	-8.39E-5	1.54E-4	3.55E-5
	CC12	-0.0419	-0.0737	-0.0936	-2.88E-4	1.23E-4	3.45E-5
	CC13	-0.0438	-0.0827	-0.0970	-3.21E-4	1.24E-4	3.94E-5
	CC14	0.0203	0.1230	-0.0621	4.92E-4	7.02E-6	-2.29E-5
	CC15	0.0140	0.0934	-0.0734	3.83E-4	1.23E-5	-6.88E-6
	CC16	-0.0067	0.0946	-0.0474	3.87E-4	8.88E-5	-2.85E-6
	CC17	-0.0130	0.0650	-0.0587	2.77E-4	9.41E-5	1.31E-5
	CC18	0.0180	-0.0691	-0.1534	-2.98E-4	-9.04E-5	-9.87E-6
	CC19	0.0117	-0.0987	-0.1647	-4.07E-4	-8.51E-5	6.12E-6
	CC20	-0.0090	-0.0975	-0.1387	-4.03E-4	-8.56E-6	1.01E-5
	CC21	-0.0153	-0.1271	-0.1500	-5.13E-4	-3.28E-6	2.61E-5

334	CC1	0.0000	-0.0001	-0.1023	-4.08E-6	-2.13E-5	9.02E-7
	CC2	0.0000	-0.0001	-0.1023	-4.08E-6	-2.13E-5	9.02E-7
	CC3	0.0000	-0.0001	-0.1023	-4.08E-6	-2.13E-5	9.02E-7
	CC4	0.0000	0.0000	-0.0999	-3.82E-6	-2.06E-5	8.54E-7
	CC5	0.0000	0.0000	-0.0999	-3.82E-6	-2.06E-5	8.54E-7
	CC6	0.0012	0.0038	-0.1088	6.27E-5	-5.62E-5	-7.20E-5
	CC7	0.0011	0.0033	-0.1100	5.55E-5	-6.49E-5	-6.32E-5
	CC8	0.0005	0.0018	-0.1183	1.37E-5	-1.37E-4	-3.43E-5
	CC9	0.0003	0.0013	-0.1195	6.47E-6	-1.46E-4	-2.55E-5
	CC10	-0.0004	-0.0014	-0.0789	-1.39E-5	1.05E-4	2.72E-5
	CC11	-0.0005	-0.0019	-0.0800	-2.11E-5	9.67E-5	3.60E-5
	CC12	-0.0011	-0.0034	-0.0883	-6.29E-5	2.40E-5	6.49E-5
	CC13	-0.0012	-0.0039	-0.0895	-7.02E-5	1.53E-5	7.37E-5
	CC14	0.0017	0.0048	-0.0860	1.01E-4	1.05E-4	-9.15E-5
	CC15	0.0012	0.0032	-0.0898	7.75E-5	7.65E-5	-6.22E-5
	CC16	0.0012	0.0032	-0.0770	7.84E-5	1.54E-4	-6.17E-5
	CC17	0.0008	0.0017	-0.0808	5.45E-5	1.25E-4	-3.25E-5
	CC18	-0.0008	-0.0018	-0.1175	-6.20E-5	-1.66E-4	3.41E-5
	CC19	-0.0013	-0.0033	-0.1214	-8.59E-5	-1.95E-4	6.34E-5
	CC20	-0.0013	-0.0033	-0.1085	-8.50E-5	-1.17E-4	6.39E-5
	CC21	-0.0017	-0.0049	-0.1124	-1.09E-4	-1.46E-4	9.32E-5
335	CC1	0.0028	-0.0018	-0.1082	-6.37E-6	1.20E-6	3.09E-6
	CC2	0.0028	-0.0018	-0.1082	-6.37E-6	1.20E-6	3.09E-6
	CC3	0.0028	-0.0018	-0.1082	-6.37E-6	1.20E-6	3.09E-6
	CC4	0.0027	-0.0016	-0.1057	-5.79E-6	9.26E-7	2.83E-6
	CC5	0.0027	-0.0016	-0.1057	-5.79E-6	9.26E-7	2.83E-6
	CC6	0.0342	0.0601	-0.1187	2.12E-4	-1.85E-4	-6.01E-5
	CC7	0.0329	0.0532	-0.1218	1.88E-4	-1.74E-4	-5.28E-5
	CC8	0.0350	0.0184	-0.1457	5.72E-5	-1.52E-4	-3.31E-5
	CC9	0.0338	0.0115	-0.1488	3.30E-5	-1.41E-4	-2.58E-5
	CC10	-0.0284	-0.0146	-0.0610	-4.42E-5	1.42E-4	3.13E-5
	CC11	-0.0296	-0.0216	-0.0641	-6.84E-5	1.53E-4	3.86E-5
	CC12	-0.0275	-0.0564	-0.0880	-1.99E-4	1.75E-4	5.83E-5
	CC13	-0.0288	-0.0633	-0.0911	-2.23E-4	1.86E-4	6.56E-5
	CC14	0.0127	0.0906	-0.0635	3.31E-4	-1.21E-4	-6.81E-5
	CC15	0.0086	0.0676	-0.0736	2.51E-4	-8.47E-5	-4.38E-5
	CC16	-0.0061	0.0682	-0.0462	2.54E-4	-2.34E-5	-4.07E-5
	CC17	-0.0101	0.0452	-0.0563	1.74E-4	1.34E-5	-1.63E-5
	CC18	0.0155	-0.0484	-0.1535	-1.85E-4	-1.18E-5	2.18E-5
	CC19	0.0115	-0.0714	-0.1636	-2.65E-4	2.50E-5	4.62E-5
	CC20	-0.0032	-0.0708	-0.1362	-2.62E-4	8.63E-5	4.93E-5
	CC21	-0.0073	-0.0938	-0.1463	-3.42E-4	1.23E-4	7.36E-5
336	CC1	0.0025	-0.0013	-0.1070	-5.28E-6	-8.18E-6	7.02E-6
	CC2	0.0025	-0.0013	-0.1070	-5.28E-6	-8.18E-6	7.02E-6
	CC3	0.0025	-0.0013	-0.1070	-5.28E-6	-8.18E-6	7.02E-6
	CC4	0.0024	-0.0012	-0.1045	-4.72E-6	-7.91E-6	6.70E-6
	CC5	0.0024	-0.0012	-0.1045	-4.72E-6	-7.91E-6	6.70E-6
	CC6	0.0206	0.0415	-0.1179	2.12E-4	-1.35E-4	-6.72E-5
	CC7	0.0200	0.0366	-0.1205	1.88E-4	-1.31E-4	-5.85E-5
	CC8	0.0220	0.0135	-0.1407	5.57E-5	-1.48E-4	-3.09E-5
	CC9	0.0213	0.0086	-0.1433	3.18E-5	-1.45E-4	-2.22E-5
	CC10	-0.0166	-0.0109	-0.0641	-4.09E-5	1.30E-4	3.54E-5
	CC11	-0.0173	-0.0158	-0.0667	-6.47E-5	1.33E-4	4.41E-5
	CC12	-0.0153	-0.0389	-0.0869	-1.98E-4	1.16E-4	7.17E-5
	CC13	-0.0159	-0.0437	-0.0895	-2.21E-4	1.19E-4	8.04E-5
	CC14	0.0067	0.0614	-0.0694	3.34E-4	-2.96E-5	-8.38E-5
	CC15	0.0046	0.0454	-0.0780	2.55E-4	-1.92E-5	-5.50E-5
	CC16	-0.0044	0.0457	-0.0533	2.58E-4	4.96E-5	-5.30E-5
	CC17	-0.0066	0.0296	-0.0619	1.79E-4	6.01E-5	-2.42E-5
	CC18	0.0112	-0.0319	-0.1455	-1.88E-4	-7.57E-5	3.74E-5
	CC19	0.0091	-0.0479	-0.1541	-2.67E-4	-6.53E-5	6.62E-5
	CC20	0.0000	-0.0476	-0.1293	-2.64E-4	3.51E-6	6.82E-5
	CC21	-0.0021	-0.0636	-0.1380	-3.43E-4	1.39E-5	9.70E-5
337	CC1	0.0016	-0.0008	-0.1057	-7.21E-6	-1.27E-5	5.46E-6
	CC2	0.0016	-0.0008	-0.1057	-7.21E-6	-1.27E-5	5.46E-6
	CC3	0.0016	-0.0008	-0.1057	-7.21E-6	-1.27E-5	5.46E-6
	CC4	0.0015	-0.0007	-0.1032	-6.67E-6	-1.21E-5	5.26E-6
	CC5	0.0015	-0.0007	-0.1032	-6.67E-6	-1.21E-5	5.26E-6
	CC6	0.0094	0.0242	-0.1163	2.00E-4	-1.20E-4	-9.10E-5
	CC7	0.0092	0.0213	-0.1186	1.77E-4	-1.14E-4	-7.97E-5
	CC8	0.0108	0.0087	-0.1358	5.89E-5	-1.05E-4	-3.76E-5
	CC9	0.0106	0.0058	-0.1380	3.57E-5	-9.85E-5	-2.63E-5

	CC10	-0.0075	-0.0072	-0.0668	-4.87E-5	7.48E-5	3.67E-5
	CC11	-0.0078	-0.0101	-0.0691	-7.19E-5	8.09E-5	4.80E-5
	CC12	-0.0062	-0.0227	-0.0863	-1.90E-4	9.01E-5	9.00E-5
	CC13	-0.0064	-0.0256	-0.0885	-2.13E-4	9.62E-5	1.01E-4
	CC14	0.0022	0.0346	-0.0737	3.05E-4	-7.66E-5	-1.22E-4
	CC15	0.0014	0.0251	-0.0812	2.28E-4	-5.65E-5	-8.41E-5
	CC16	-0.0029	0.0252	-0.0589	2.30E-4	-1.82E-5	-8.33E-5
	CC17	-0.0037	0.0157	-0.0663	1.54E-4	1.91E-6	-4.58E-5
	CC18	0.0067	-0.0170	-0.1385	-1.67E-4	-2.56E-5	5.62E-5
	CC19	0.0059	-0.0265	-0.1460	-2.43E-4	-5.50E-6	9.36E-5
	CC20	0.0016	-0.0265	-0.1237	-2.41E-4	3.28E-5	9.45E-5
	CC21	0.0008	-0.0360	-0.1312	-3.18E-4	5.29E-5	1.32E-4
338	CC1	0.0026	-0.0017	-0.1073	-8.11E-6	-6.48E-7	-4.26E-7
	CC2	0.0026	-0.0017	-0.1073	-8.11E-6	-6.48E-7	-4.26E-7
	CC3	0.0026	-0.0017	-0.1073	-8.11E-6	-6.48E-7	-4.26E-7
	CC4	0.0025	-0.0015	-0.1050	-7.35E-6	-8.50E-7	-6.38E-7
	CC5	0.0025	-0.0015	-0.1050	-7.35E-6	-8.50E-7	-6.38E-7
	CC6	0.0442	0.0795	-0.1437	2.90E-4	-1.58E-4	-3.84E-5
	CC7	0.0437	0.0705	-0.1409	2.58E-4	-1.51E-4	-3.36E-5
	CC8	0.0451	0.0218	-0.1248	6.33E-5	-1.32E-4	-3.45E-5
	CC9	0.0446	0.0128	-0.1220	3.16E-5	-1.25E-4	-2.97E-5
	CC10	-0.0396	-0.0158	-0.0864	-4.58E-5	1.23E-4	2.83E-5
	CC11	-0.0401	-0.0248	-0.0835	-7.74E-5	1.30E-4	3.31E-5
	CC12	-0.0387	-0.0735	-0.0675	-2.72E-4	1.49E-4	3.22E-5
	CC13	-0.0392	-0.0825	-0.0647	-3.04E-4	1.56E-4	3.70E-5
	CC14	0.0143	0.1238	-0.1489	4.73E-4	-9.77E-5	-2.52E-5
	CC15	0.0126	0.0940	-0.1396	3.69E-4	-7.41E-5	-9.22E-6
	CC16	-0.0108	0.0952	-0.1317	3.73E-4	-1.35E-5	-5.19E-6
	CC17	-0.0125	0.0654	-0.1224	2.68E-4	1.01E-5	1.08E-5
	CC18	0.0175	-0.0684	-0.0860	-2.82E-4	-1.19E-5	-1.22E-5
	CC19	0.0158	-0.0982	-0.0766	-3.87E-4	1.17E-5	3.77E-6
	CC20	-0.0076	-0.0970	-0.0688	-3.83E-4	7.23E-5	7.80E-6
	CC21	-0.0093	-0.1268	-0.0594	-4.87E-4	9.59E-5	2.38E-5
339	CC1	0.0000	0.0000	-0.1018	-1.56E-6	-1.56E-5	3.44E-7
	CC2	0.0000	0.0000	-0.1018	-1.56E-6	-1.56E-5	3.44E-7
	CC3	0.0000	0.0000	-0.1018	-1.56E-6	-1.56E-5	3.44E-7
	CC4	0.0000	0.0000	-0.0995	-1.43E-6	-1.55E-5	3.03E-7
	CC5	0.0000	0.0000	-0.0995	-1.43E-6	-1.55E-5	3.03E-7
	CC6	-0.0006	0.0042	-0.1206	5.05E-5	-1.69E-4	-6.79E-5
	CC7	-0.0006	0.0037	-0.1198	4.51E-5	-1.59E-4	-5.96E-5
	CC8	-0.0003	0.0020	-0.1152	1.06E-5	-1.13E-4	-3.31E-5
	CC9	-0.0003	0.0015	-0.1144	5.22E-6	-1.02E-4	-2.48E-5
	CC10	0.0002	-0.0016	-0.0832	-7.98E-6	7.13E-5	2.54E-5
	CC11	0.0003	-0.0021	-0.0824	-1.34E-5	8.21E-5	3.37E-5
	CC12	0.0005	-0.0037	-0.0778	-4.79E-5	1.28E-4	6.02E-5
	CC13	0.0006	-0.0042	-0.0769	-5.33E-5	1.39E-4	6.85E-5
	CC14	-0.0008	0.0053	-0.1148	8.29E-5	-1.64E-4	-8.55E-5
	CC15	-0.0006	0.0036	-0.1121	6.49E-5	-1.28E-4	-5.80E-5
	CC16	-0.0005	0.0036	-0.1036	6.53E-5	-9.14E-5	-5.75E-5
	CC17	-0.0003	0.0019	-0.1008	4.74E-5	-5.54E-5	-3.00E-5
	CC18	0.0003	-0.0019	-0.0967	-5.01E-5	2.45E-5	3.05E-5
	CC19	0.0005	-0.0036	-0.0940	-6.81E-5	6.05E-5	5.80E-5
	CC20	0.0005	-0.0036	-0.0855	-6.77E-5	9.67E-5	5.85E-5
	CC21	0.0007	-0.0053	-0.0828	-8.56E-5	1.33E-4	8.60E-5
340	CC1	0.0026	-0.0013	-0.1065	-6.45E-6	8.43E-7	-9.45E-8
	CC2	0.0026	-0.0013	-0.1065	-6.45E-6	8.43E-7	-9.45E-8
	CC3	0.0026	-0.0013	-0.1065	-6.45E-6	8.43E-7	-9.45E-8
	CC4	0.0025	-0.0011	-0.1042	-5.82E-6	8.50E-7	-2.72E-7
	CC5	0.0025	-0.0011	-0.1042	-5.82E-6	8.50E-7	-2.72E-7
	CC6	0.0334	0.0607	-0.1517	2.23E-4	-1.04E-4	-4.54E-5
	CC7	0.0328	0.0537	-0.1490	1.98E-4	-1.08E-4	-4.00E-5
	CC8	0.0325	0.0193	-0.1361	6.22E-5	-1.45E-4	-3.13E-5
	CC9	0.0320	0.0123	-0.1334	3.67E-5	-1.49E-4	-2.59E-5
	CC10	-0.0270	-0.0145	-0.0734	-4.80E-5	1.51E-4	2.52E-5
	CC11	-0.0276	-0.0214	-0.0707	-7.34E-5	1.46E-4	3.07E-5
	CC12	-0.0279	-0.0559	-0.0578	-2.09E-4	1.10E-4	3.93E-5
	CC13	-0.0284	-0.0629	-0.0551	-2.34E-4	1.05E-4	4.47E-5
	CC14	0.0139	0.0908	-0.1456	3.45E-4	3.85E-5	-4.34E-5
	CC15	0.0120	0.0677	-0.1367	2.61E-4	2.33E-5	-2.53E-5
	CC16	-0.0042	0.0682	-0.1221	2.64E-4	1.15E-4	-2.22E-5
	CC17	-0.0061	0.0451	-0.1132	1.80E-4	9.96E-5	-4.16E-6
	CC18	0.0111	-0.0473	-0.0936	-1.91E-4	-9.79E-5	3.50E-6

	CC19	0.0092	-0.0704	-0.0847	-2.75E-4	-1.13E-4	2.15E-5
	CC20	-0.0071	-0.0698	-0.0701	-2.72E-4	-2.16E-5	2.47E-5
	CC21	-0.0089	-0.0929	-0.0612	-3.56E-4	-3.68E-5	4.27E-5
341	CC1	0.0022	-0.0007	-0.1056	-6.71E-6	-6.48E-6	-7.15E-6
	CC2	0.0022	-0.0007	-0.1056	-6.71E-6	-6.48E-6	-7.15E-6
	CC3	0.0022	-0.0007	-0.1056	-6.71E-6	-6.48E-6	-7.15E-6
	CC4	0.0021	-0.0006	-0.1033	-6.19E-6	-6.41E-6	-7.21E-6
	CC5	0.0021	-0.0006	-0.1033	-6.19E-6	-6.41E-6	-7.21E-6
	CC6	0.0222	0.0420	-0.1465	2.05E-4	-1.44E-4	-7.63E-5
	CC7	0.0217	0.0372	-0.1442	1.82E-4	-1.40E-4	-6.79E-5
	CC8	0.0205	0.0143	-0.1336	5.12E-5	-1.34E-4	-4.73E-5
	CC9	0.0199	0.0095	-0.1313	2.82E-5	-1.30E-4	-3.89E-5
	CC10	-0.0157	-0.0106	-0.0737	-4.02E-5	1.17E-4	2.45E-5
	CC11	-0.0163	-0.0154	-0.0714	-6.32E-5	1.21E-4	3.28E-5
	CC12	-0.0175	-0.0383	-0.0607	-1.94E-4	1.27E-4	5.35E-5
	CC13	-0.0180	-0.0431	-0.0584	-2.17E-4	1.31E-4	6.19E-5
	CC14	0.0116	0.0615	-0.1388	3.24E-4	-6.87E-5	-8.45E-5
	CC15	0.0098	0.0454	-0.1312	2.48E-4	-5.53E-5	-5.68E-5
	CC16	0.0002	0.0457	-0.1169	2.51E-4	9.61E-6	-5.43E-5
	CC17	-0.0016	0.0297	-0.1093	1.75E-4	2.30E-5	-2.66E-5
	CC18	0.0058	-0.0308	-0.0956	-1.87E-4	-3.57E-5	1.22E-5
	CC19	0.0040	-0.0468	-0.0880	-2.63E-4	-2.24E-5	3.98E-5
	CC20	-0.0056	-0.0465	-0.0737	-2.60E-4	4.25E-5	4.24E-5
	CC21	-0.0074	-0.0626	-0.0661	-3.36E-4	5.59E-5	7.01E-5
342	CC1	0.0014	-0.0002	-0.1047	-3.45E-6	-1.45E-5	-5.03E-6
	CC2	0.0014	-0.0002	-0.1047	-3.45E-6	-1.45E-5	-5.03E-6
	CC3	0.0014	-0.0002	-0.1047	-3.45E-6	-1.45E-5	-5.03E-6
	CC4	0.0013	-0.0002	-0.1023	-2.96E-6	-1.40E-5	-5.09E-6
	CC5	0.0013	-0.0002	-0.1023	-2.96E-6	-1.40E-5	-5.09E-6
	CC6	0.0115	0.0248	-0.1419	2.06E-4	-1.08E-4	-9.79E-5
	CC7	0.0111	0.0219	-0.1399	1.82E-4	-1.09E-4	-8.67E-5
	CC8	0.0098	0.0095	-0.1309	6.69E-5	-1.14E-4	-5.15E-5
	CC9	0.0094	0.0066	-0.1289	4.32E-5	-1.14E-4	-4.03E-5
	CC10	-0.0067	-0.0069	-0.0742	-4.88E-5	8.65E-5	3.01E-5
	CC11	-0.0071	-0.0098	-0.0722	-7.24E-5	8.63E-5	4.13E-5
	CC12	-0.0085	-0.0222	-0.0632	-1.88E-4	8.08E-5	7.64E-5
	CC13	-0.0089	-0.0251	-0.0612	-2.12E-4	8.05E-5	8.77E-5
	CC14	0.0076	0.0349	-0.1334	3.06E-4	-3.31E-5	-1.20E-4
	CC15	0.0063	0.0253	-0.1268	2.28E-4	-3.40E-5	-8.30E-5
	CC16	0.0021	0.0254	-0.1130	2.30E-4	2.54E-5	-8.19E-5
	CC17	0.0008	0.0158	-0.1065	1.52E-4	2.44E-5	-4.46E-5
	CC18	0.0018	-0.0161	-0.0966	-1.57E-4	-5.22E-5	3.44E-5
	CC19	0.0006	-0.0257	-0.0901	-2.36E-4	-5.31E-5	7.16E-5
	CC20	-0.0036	-0.0256	-0.0763	-2.34E-4	6.24E-6	7.28E-5
	CC21	-0.0049	-0.0352	-0.0697	-3.12E-4	5.31E-6	1.10E-4
343	CC1	-0.0004	-0.0026	-0.0918	-1.68E-5	0.00E+0	-5.21E-7
	CC2	-0.0004	-0.0026	-0.0918	-1.68E-5	0.00E+0	-5.21E-7
	CC3	-0.0004	-0.0026	-0.0918	-1.68E-5	0.00E+0	-5.21E-7
	CC4	-0.0003	-0.0024	-0.0892	-1.57E-5	0.00E+0	-4.35E-7
	CC5	-0.0003	-0.0024	-0.0892	-1.57E-5	0.00E+0	-4.35E-7
	CC6	0.0373	0.0058	-0.0755	4.37E-5	3.31E-29	-3.81E-5
	CC7	0.0384	0.0061	-0.0746	4.30E-5	3.31E-29	-3.33E-5
	CC8	0.0393	-0.0443	-0.0539	-1.82E-4	1.31E-29	-3.42E-5
	CC9	0.0404	-0.0440	-0.0531	-1.83E-4	1.31E-29	-2.94E-5
	CC10	-0.0411	0.0394	-0.1235	1.52E-4	-1.31E-29	2.86E-5
	CC11	-0.0400	0.0397	-0.1226	1.52E-4	-1.31E-29	3.34E-5
	CC12	-0.0390	-0.0108	-0.1019	-7.37E-5	-3.31E-29	3.25E-5
	CC13	-0.0379	-0.0105	-0.1011	-7.44E-5	-3.31E-29	3.73E-5
	CC14	0.0062	0.0758	-0.1184	3.46E-4	4.02E-29	-2.49E-5
	CC15	0.0098	0.0768	-0.1156	3.44E-4	4.02E-29	-8.92E-6
	CC16	-0.0173	0.0858	-0.1328	3.79E-4	2.64E-29	-4.89E-6
	CC17	-0.0137	0.0868	-0.1300	3.76E-4	2.64E-29	1.11E-5
	CC18	0.0131	-0.0915	-0.0466	-4.07E-4	-2.64E-29	-1.19E-5
	CC19	0.0167	-0.0905	-0.0438	-4.09E-4	-2.64E-29	4.08E-6
	CC20	-0.0104	-0.0814	-0.0610	-3.75E-4	-4.02E-29	8.11E-6
	CC21	-0.0068	-0.0804	-0.0582	-3.77E-4	-4.02E-29	2.41E-5
344	CC1	-0.0003	-0.0025	-0.0922	-1.83E-5	0.00E+0	-1.22E-6
	CC2	-0.0003	-0.0025	-0.0922	-1.83E-5	0.00E+0	-1.22E-6
	CC3	-0.0003	-0.0025	-0.0922	-1.83E-5	0.00E+0	-1.22E-6
	CC4	-0.0003	-0.0023	-0.0895	-1.71E-5	0.00E+0	-1.13E-6
	CC5	-0.0003	-0.0023	-0.0895	-1.71E-5	0.00E+0	-1.13E-6
	CC6	0.0374	0.0092	-0.0796	5.45E-5	1.62E-29	-3.88E-5

	CC7	0.0384	0.0091	-0.0789	5.21E-5	1.62E-29	-3.40E-5
	CC8	0.0394	-0.0413	-0.0621	-1.68E-4	6.35E-3	-3.49E-5
	CC9	0.0405	-0.0414	-0.0614	-1.71E-4	6.35E-3	-3.01E-5
	CC10	-0.0410	0.0369	-0.1158	1.37E-4	-6.35E-3	2.79E-5
	CC11	-0.0399	0.0368	-0.1151	1.35E-4	-6.35E-3	3.27E-5
	CC12	-0.0389	-0.0136	-0.0983	-8.55E-5	-1.62E-29	3.18E-5
	CC13	-0.0378	-0.0137	-0.0976	-8.79E-5	-1.62E-29	3.66E-5
	CC14	0.0063	0.0780	-0.1136	3.46E-4	1.98E-29	-2.56E-5
	CC15	0.0099	0.0776	-0.1112	3.38E-4	1.98E-29	-9.61E-6
	CC16	-0.0172	0.0863	-0.1244	3.71E-4	1.30E-29	-5.59E-6
	CC17	-0.0136	0.0859	-0.1221	3.63E-4	1.30E-29	1.04E-5
	CC18	0.0131	-0.0904	-0.0551	-3.96E-4	-1.30E-29	-1.26E-5
	CC19	0.0167	-0.0908	-0.0527	-4.04E-4	-1.30E-29	3.38E-6
	CC20	-0.0104	-0.0821	-0.0660	-3.72E-4	-1.98E-29	7.41E-6
	CC21	-0.0068	-0.0825	-0.0636	-3.79E-4	-1.98E-29	2.34E-5
345	CC1	-0.0002	-0.0023	-0.0925	-1.88E-5	0.00E+0	-2.55E-6
	CC2	-0.0002	-0.0023	-0.0925	-1.88E-5	0.00E+0	-2.55E-6
	CC3	-0.0002	-0.0023	-0.0925	-1.88E-5	0.00E+0	-2.55E-6
	CC4	-0.0002	-0.0022	-0.0898	-1.75E-5	0.00E+0	-2.45E-6
	CC5	-0.0002	-0.0022	-0.0898	-1.75E-5	0.00E+0	-2.45E-6
	CC6	0.0375	0.0346	-0.0833	6.62E-5	1.11E-29	-4.01E-5
	CC7	0.0385	0.0340	-0.0827	6.23E-5	1.11E-29	-3.53E-5
	CC8	0.0395	-0.0163	-0.0688	-1.60E-4	4.49E-3	-3.62E-5
	CC9	0.0406	-0.0168	-0.0682	-1.64E-4	4.49E-3	-3.14E-5
	CC10	-0.0409	0.0126	-0.1096	1.30E-4	-4.49E-3	2.66E-5
	CC11	-0.0398	0.0121	-0.1090	1.26E-4	-4.49E-3	3.14E-5
	CC12	-0.0388	-0.0382	-0.0951	-9.64E-5	-1.11E-29	3.05E-5
	CC13	-0.0377	-0.0388	-0.0945	-1.00E-4	-1.11E-29	3.53E-5
	CC14	0.0064	0.0869	-0.1102	3.57E-4	1.34E-29	-2.69E-5
	CC15	0.0100	0.0850	-0.1082	3.44E-4	1.34E-29	-1.09E-5
	CC16	-0.0171	0.0803	-0.1181	3.76E-4	8.71E-3	-6.90E-6
	CC17	-0.0135	0.0785	-0.1161	3.63E-4	8.71E-3	9.09E-6
	CC18	0.0132	-0.0827	-0.0618	-3.97E-4	-8.71E-3	-1.39E-5
	CC19	0.0168	-0.0845	-0.0598	-4.10E-4	-8.71E-3	2.07E-6
	CC20	-0.0103	-0.0892	-0.0697	-3.78E-4	-1.34E-29	6.10E-6
	CC21	-0.0067	-0.0911	-0.0677	-3.91E-4	-1.34E-29	2.21E-5
346	CC1	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.14E-1
	CC2	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.14E-1
	CC3	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.14E-1
	CC4	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.30E-1
	CC5	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	1.30E-1
	CC6	0.0000	0.0000	-0.0791	0.00E+0	0.00E+0	5.79E-9
	CC7	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	5.98E-9
	CC8	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	5.66E-1
	CC9	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	7.54E-1
	CC10	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	-4.85E-1
	CC11	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	-2.96E-1
	CC12	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	-5.71E-9
	CC13	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	-5.52E-9
	CC14	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	9.47E-9
	CC15	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	1.01E-8
	CC16	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	7.59E-9
	CC17	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	8.21E-9
	CC18	0.0000	0.0000	-0.0744	0.00E+0	0.00E+0	-7.94E-9
	CC19	0.0000	0.0000	-0.0728	0.00E+0	0.00E+0	-7.32E-9
	CC20	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	-9.82E-9
	CC21	0.0000	0.0000	-0.0781	0.00E+0	0.00E+0	-9.20E-9
347	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	4.36E-11
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	4.36E-11
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	4.36E-11
	CC4	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	4.49E-11
	CC5	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	4.49E-11
	CC6	0.0000	0.0000	-0.0804	0.00E+0	0.00E+0	6.32E-1
	CC7	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	6.67E-1
	CC8	0.0000	0.0000	-0.0747	0.00E+0	0.00E+0	5.34E-1
	CC9	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	5.69E-1
	CC10	0.0000	0.0000	-0.0957	0.00E+0	0.00E+0	-4.79E-1
	CC11	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	-4.43E-1
	CC12	0.0000	0.0000	-0.0900	0.00E+0	0.00E+0	-5.76E-1
	CC13	0.0000	0.0000	-0.0895	0.00E+0	0.00E+0	-5.41E-1
	CC14	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	3.16E-1
	CC15	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	4.32E-1

	CC16	0.0000	0.0000	-0.0976	0.00E+0	0.00E+0	-1.67E-11
	CC17	0.0000	0.0000	-0.0961	0.00E+0	0.00E+0	9.94E-11
	CC18	0.0000	0.0000	-0.0738	0.00E+0	0.00E+0	-8.87E-12
	CC19	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	1.07E-1
	CC20	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	-3.42E-1
	CC21	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-2.26E-1
348	CC1	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-8.16E-11
	CC2	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-8.16E-11
	CC3	0.0000	0.0000	-0.0884	0.00E+0	0.00E+0	-8.16E-11
	CC4	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-7.11E-11
	CC5	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-7.11E-11
	CC6	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	5.86E-1
	CC7	0.0000	0.0000	-0.0814	0.00E+0	0.00E+0	6.63E-1
	CC8	0.0000	0.0000	-0.0758	0.00E+0	0.00E+0	3.95E-1
	CC9	0.0000	0.0000	-0.0754	0.00E+0	0.00E+0	4.72E-1
	CC10	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	-6.07E-1
	CC11	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	-5.30E-1
	CC12	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-7.98E-1
	CC13	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	-7.22E-1
	CC14	0.0000	0.0000	-0.0938	0.00E+0	0.00E+0	3.04E-1
	CC15	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	5.56E-1
	CC16	0.0000	0.0000	-0.0976	0.00E+0	0.00E+0	-5.44E-11
	CC17	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	1.98E-1
	CC18	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	-3.33E-1
	CC19	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	-8.09E-11
	CC20	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	-6.91E-1
	CC21	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	-4.39E-1
349	CC1	-0.0028	-0.0025	-0.0903	0.00E+0	-3.30E-6	6.69E-6
	CC2	-0.0028	-0.0025	-0.0903	0.00E+0	-3.30E-6	6.69E-6
	CC3	-0.0028	-0.0025	-0.0903	0.00E+0	-3.30E-6	6.69E-6
	CC4	-0.0026	-0.0024	-0.0882	0.00E+0	-3.01E-6	6.16E-6
	CC5	-0.0026	-0.0024	-0.0882	0.00E+0	-3.01E-6	6.16E-6
	CC6	0.0424	-0.0867	-0.0686	3.31E-29	-1.69E-4	-3.17E-5
	CC7	0.0409	-0.0745	-0.0682	3.31E-29	-1.63E-4	-2.69E-5
	CC8	0.0420	-0.1273	-0.0718	1.31E-29	-1.71E-4	-2.78E-5
	CC9	0.0405	-0.1151	-0.0714	1.31E-29	-1.65E-4	-2.30E-5
	CC10	-0.0456	0.1106	-0.1036	-1.31E-29	1.59E-4	3.50E-5
	CC11	-0.0471	0.1227	-0.1033	-1.31E-29	1.65E-4	3.98E-5
	CC12	-0.0461	0.0700	-0.1069	-3.31E-29	1.57E-4	3.89E-5
	CC13	-0.0476	0.0821	-0.1065	-3.31E-29	1.63E-4	4.37E-5
	CC14	0.0139	0.0156	-0.0775	4.03E-29	-5.81E-5	-1.85E-5
	CC15	0.0089	0.0559	-0.0762	4.03E-29	-3.87E-5	-2.53E-6
	CC16	-0.0126	0.0748	-0.0880	2.64E-29	4.04E-5	1.50E-6
	CC17	-0.0175	0.1151	-0.0868	2.64E-29	5.98E-5	1.75E-5
	CC18	0.0124	-0.1197	-0.0883	-2.64E-29	-6.56E-5	-5.52E-6
	CC19	0.0074	-0.0794	-0.0871	-2.64E-29	-4.62E-5	1.05E-5
	CC20	-0.0141	-0.0605	-0.0988	-4.03E-29	3.29E-5	1.45E-5
	CC21	-0.0190	-0.0202	-0.0976	-4.03E-29	5.23E-5	3.05E-5
350	CC1	-0.0021	-0.0024	-0.0892	0.00E+0	-1.73E-6	6.52E-6
	CC2	-0.0021	-0.0024	-0.0892	0.00E+0	-1.73E-6	6.52E-6
	CC3	-0.0021	-0.0024	-0.0892	0.00E+0	-1.73E-6	6.52E-6
	CC4	-0.0020	-0.0022	-0.0872	0.00E+0	-1.59E-6	5.99E-6
	CC5	-0.0020	-0.0022	-0.0872	0.00E+0	-1.59E-6	5.99E-6
	CC6	0.0412	-0.0866	-0.0625	1.62E-29	-1.64E-4	-3.19E-5
	CC7	0.0401	-0.0744	-0.0652	1.62E-29	-1.61E-4	-2.71E-5
	CC8	0.0418	-0.1272	-0.0538	6.41E-3	-1.62E-4	-2.80E-5
	CC9	0.0408	-0.1150	-0.0565	6.41E-3	-1.59E-4	-2.32E-5
	CC10	-0.0448	0.1107	-0.1166	-6.41E-3	1.56E-4	3.48E-5
	CC11	-0.0458	0.1228	-0.1193	-6.41E-3	1.59E-4	3.96E-5
	CC12	-0.0441	0.0701	-0.1079	-1.62E-29	1.57E-4	3.87E-5
	CC13	-0.0452	0.0822	-0.1106	-1.62E-29	1.61E-4	4.35E-5
	CC14	0.0116	0.0157	-0.0885	1.97E-29	-5.78E-5	-1.87E-5
	CC15	0.0081	0.0560	-0.0975	1.97E-29	-4.73E-5	-2.69E-6
	CC16	-0.0142	0.0749	-0.1047	1.29E-29	3.80E-5	1.34E-6
	CC17	-0.0177	0.1152	-0.1137	1.29E-29	4.85E-5	1.73E-5
	CC18	0.0137	-0.1196	-0.0594	-1.29E-29	-5.16E-5	-5.69E-6
	CC19	0.0102	-0.0793	-0.0684	-1.29E-29	-4.11E-5	1.03E-5
	CC20	-0.0121	-0.0604	-0.0756	-1.97E-29	4.42E-5	1.43E-5
	CC21	-0.0155	-0.0201	-0.0846	-1.97E-29	5.47E-5	3.03E-5
351	CC1	0.0000	0.0001	-0.0868	-3.11E-6	1.93E-5	-1.89E-7
	CC2	0.0000	0.0001	-0.0868	-3.11E-6	1.93E-5	-1.89E-7
	CC3	0.0000	0.0001	-0.0868	-3.11E-6	1.93E-5	-1.89E-7

	CC4	0.0000	0.0001	-0.0848	-2.80E-6	1.86E-5	-1.86E-7
	CC5	0.0000	0.0001	-0.0848	-2.80E-6	1.86E-5	-1.86E-7
	CC6	-0.0004	-0.0086	-0.0696	-1.01E-4	-7.05E-5	9.03E-6
	CC7	-0.0004	-0.0075	-0.0701	-8.66E-5	-7.39E-5	7.83E-6
	CC8	-0.0003	-0.0116	-0.0688	-1.53E-4	-4.92E-5	1.20E-5
	CC9	-0.0003	-0.0104	-0.0693	-1.39E-4	-5.26E-5	1.08E-5
	CC10	0.0003	0.0106	-0.0990	1.33E-4	8.94E-5	-1.11E-5
	CC11	0.0002	0.0117	-0.0994	1.48E-4	8.60E-5	-1.23E-5
	CC12	0.0004	0.0076	-0.0981	8.12E-5	1.11E-4	-8.20E-6
	CC13	0.0003	0.0088	-0.0986	9.58E-5	1.07E-4	-9.40E-6
	CC14	-0.0002	0.0002	-0.0803	2.47E-5	-3.54E-5	-4.49E-8
	CC15	-0.0004	0.0040	-0.0819	7.30E-5	-4.67E-5	-4.01E-6
	CC16	-0.0001	0.0060	-0.0891	9.50E-5	1.25E-5	-6.09E-6
	CC17	-0.0002	0.0098	-0.0907	1.43E-4	1.29E-6	-1.01E-5
	CC18	0.0001	-0.0097	-0.0776	-1.49E-4	3.55E-5	9.69E-6
	CC19	0.0000	-0.0058	-0.0791	-1.00E-4	2.42E-5	5.72E-6
	CC20	0.0003	-0.0039	-0.0864	-7.84E-5	8.34E-5	3.64E-6
	CC21	0.0002	-0.0001	-0.0879	-3.01E-5	7.22E-5	-3.26E-7
352	CC1	0.0000	0.0001	-0.0864	-5.61E-6	1.58E-5	-6.25E-8
	CC2	0.0000	0.0001	-0.0864	-5.61E-6	1.58E-5	-6.25E-8
	CC3	0.0000	0.0001	-0.0864	-5.61E-6	1.58E-5	-6.25E-8
	CC4	0.0000	0.0001	-0.0844	-5.27E-6	1.53E-5	-6.62E-8
	CC5	0.0000	0.0001	-0.0844	-5.27E-6	1.53E-5	-6.62E-8
	CC6	0.0016	-0.0086	-0.0664	-1.02E-4	-7.72E-5	9.65E-6
	CC7	0.0014	-0.0074	-0.0683	-8.82E-5	-7.21E-5	8.39E-6
	CC8	0.0022	-0.0115	-0.0606	-1.55E-4	-8.77E-5	1.27E-5
	CC9	0.0020	-0.0104	-0.0624	-1.41E-4	-8.27E-5	1.14E-5
	CC10	-0.0020	0.0106	-0.1050	1.31E-4	1.13E-4	-1.16E-5
	CC11	-0.0023	0.0117	-0.1069	1.45E-4	1.18E-4	-1.28E-5
	CC12	-0.0015	0.0076	-0.0991	7.79E-5	1.02E-4	-8.52E-6
	CC13	-0.0017	0.0088	-0.1010	9.21E-5	1.08E-4	-9.79E-6
	CC14	-0.0001	0.0002	-0.0846	2.45E-5	-4.14E-6	1.36E-7
	CC15	-0.0008	0.0041	-0.0909	7.18E-5	1.26E-5	-4.05E-6
	CC16	-0.0012	0.0060	-0.0962	9.45E-5	5.29E-5	-6.23E-6
	CC17	-0.0019	0.0098	-0.1024	1.42E-4	6.97E-5	-1.04E-5
	CC18	0.0018	-0.0096	-0.0650	-1.52E-4	-3.93E-5	1.03E-5
	CC19	0.0011	-0.0058	-0.0713	-1.05E-4	-2.25E-5	6.09E-6
	CC20	0.0007	-0.0039	-0.0766	-8.21E-5	1.77E-5	3.92E-6
	CC21	0.0000	0.0000	-0.0828	-3.49E-5	3.45E-5	-2.71E-7
353	CC1	0.0023	-0.0022	-0.1090	2.65E-5	1.34E-6	-1.13E-5
	CC2	0.0023	-0.0022	-0.1090	2.65E-5	1.34E-6	-1.13E-5
	CC3	0.0023	-0.0022	-0.1090	2.65E-5	1.34E-6	-1.13E-5
	CC4	0.0022	-0.0020	-0.1065	2.62E-5	9.22E-7	-1.10E-5
	CC5	0.0022	-0.0020	-0.1065	2.62E-5	9.22E-7	-1.10E-5
	CC6	0.0476	0.0820	-0.1254	1.57E-4	-2.01E-4	-4.86E-5
	CC7	0.0460	0.0726	-0.1274	1.43E-4	-1.88E-4	-4.38E-5
	CC8	0.0471	0.0240	-0.1458	6.34E-5	-1.58E-4	-4.48E-5
	CC9	0.0455	0.0146	-0.1478	4.98E-5	-1.45E-4	-3.99E-5
	CC10	-0.0411	-0.0186	-0.0635	2.42E-6	1.46E-4	1.81E-5
	CC11	-0.0427	-0.0280	-0.0655	-1.11E-5	1.59E-4	2.29E-5
	CC12	-0.0416	-0.0766	-0.0839	-9.11E-5	1.90E-4	2.20E-5
	CC13	-0.0432	-0.0859	-0.0860	-1.05E-4	2.03E-4	2.68E-5
	CC14	0.0190	0.1253	-0.0776	2.28E-4	-1.45E-4	-3.54E-5
	CC15	0.0137	0.0942	-0.0842	1.83E-4	-1.03E-4	-1.94E-5
	CC16	-0.0076	0.0951	-0.0590	1.81E-4	-4.09E-5	-1.54E-5
	CC17	-0.0129	0.0641	-0.0657	1.36E-4	1.62E-6	5.85E-7
	CC18	0.0173	-0.0680	-0.1457	-8.41E-5	-5.72E-8	-2.24E-5
	CC19	0.0119	-0.0990	-0.1523	-1.29E-4	4.24E-5	-6.44E-6
	CC20	-0.0093	-0.0982	-0.1271	-1.30E-4	1.04E-4	-2.41E-6
	CC21	-0.0147	-0.1292	-0.1338	-1.75E-4	1.47E-4	1.36E-5
354	CC1	0.0000	-0.0001	-0.1041	-5.46E-6	-2.44E-5	-2.94E-7
	CC2	0.0000	-0.0001	-0.1041	-5.46E-6	-2.44E-5	-2.94E-7
	CC3	0.0000	-0.0001	-0.1041	-5.46E-6	-2.44E-5	-2.94E-7
	CC4	0.0000	-0.0001	-0.1017	-5.01E-6	-2.37E-5	-2.92E-7
	CC5	0.0000	-0.0001	-0.1017	-5.01E-6	-2.37E-5	-2.92E-7
	CC6	-0.0002	0.0100	-0.1192	1.16E-4	-1.08E-4	-9.35E-6
	CC7	-0.0002	0.0087	-0.1204	1.03E-4	-1.11E-4	-8.31E-6
	CC8	-0.0005	0.0048	-0.1310	2.70E-5	-1.56E-4	-3.93E-6
	CC9	-0.0006	0.0036	-0.1322	1.39E-5	-1.60E-4	-2.88E-6
	CC10	0.0005	-0.0038	-0.0696	-2.36E-5	1.13E-4	2.30E-6
	CC11	0.0005	-0.0050	-0.0708	-3.67E-5	1.09E-4	3.34E-6
	CC12	0.0001	-0.0089	-0.0814	-1.13E-4	6.41E-5	7.73E-6

	CC13	0.0001	-0.0101	-0.0826	-1.26E-4	6.07E-5	8.77E-6
	CC14	0.0006	0.0126	-0.0867	1.87E-4	2.99E-5	-1.28E-5
	CC15	0.0004	0.0086	-0.0905	1.43E-4	1.89E-5	-9.35E-6
	CC16	0.0008	0.0085	-0.0718	1.45E-4	9.60E-5	-9.32E-6
	CC17	0.0006	0.0044	-0.0757	1.01E-4	8.50E-5	-5.86E-6
	CC18	-0.0007	-0.0046	-0.1261	-1.11E-4	-1.32E-4	5.28E-6
	CC19	-0.0009	-0.0087	-0.1300	-1.55E-4	-1.43E-4	8.74E-6
	CC20	-0.0005	-0.0087	-0.1113	-1.53E-4	-6.59E-5	8.77E-6
	CC21	-0.0007	-0.0128	-0.1151	-1.97E-4	-7.69E-5	1.22E-5
355	CC1	0.0011	-0.0079	-0.0945	-2.06E-5	-2.55E-5	9.19E-7
	CC2	0.0011	-0.0079	-0.0945	-2.06E-5	-2.55E-5	9.19E-7
	CC3	0.0011	-0.0079	-0.0945	-2.06E-5	-2.55E-5	9.19E-7
	CC4	0.0010	-0.0074	-0.0922	-1.91E-5	-2.36E-5	9.81E-7
	CC5	0.0010	-0.0074	-0.0922	-1.91E-5	-2.36E-5	9.81E-7
	CC6	0.1044	-0.1903	-0.0953	-3.05E-4	-1.83E-4	-9.37E-5
	CC7	0.1008	-0.1628	-0.0947	-2.61E-4	-1.78E-4	-8.17E-5
	CC8	0.1063	-0.2951	-0.0978	-4.72E-4	-1.85E-4	-7.88E-5
	CC9	0.1027	-0.2676	-0.0972	-4.28E-4	-1.80E-4	-6.68E-5
	CC10	-0.1008	0.2531	-0.0857	3.91E-4	1.34E-4	6.88E-5
	CC11	-0.1044	0.2807	-0.0851	4.34E-4	1.39E-4	8.08E-5
	CC12	-0.0990	0.1483	-0.0881	2.24E-4	1.33E-4	8.37E-5
	CC13	-0.1026	0.1759	-0.0875	2.67E-4	1.37E-4	9.57E-5
	CC14	0.0346	0.0553	-0.0898	8.32E-5	-7.58E-5	-6.81E-5
	CC15	0.0227	0.1465	-0.0878	2.27E-4	-6.05E-5	-2.84E-5
	CC16	-0.0270	0.1884	-0.0869	2.92E-4	1.93E-5	-1.93E-5
	CC17	-0.0389	0.2795	-0.0849	4.36E-4	3.46E-5	2.04E-5
	CC18	0.0407	-0.2940	-0.0979	-4.73E-4	-8.06E-5	-1.84E-5
	CC19	0.0288	-0.2028	-0.0960	-3.29E-4	-6.53E-5	2.13E-5
	CC20	-0.0209	-0.1609	-0.0951	-2.64E-4	1.45E-5	3.04E-5
	CC21	-0.0328	-0.0698	-0.0931	-1.20E-4	2.98E-5	7.01E-5
356	CC1	0.0011	-0.0078	-0.0926	-1.86E-5	-1.98E-5	2.61E-7
	CC2	0.0011	-0.0078	-0.0926	-1.86E-5	-1.98E-5	2.61E-7
	CC3	0.0011	-0.0078	-0.0926	-1.86E-5	-1.98E-5	2.61E-7
	CC4	0.0010	-0.0073	-0.0904	-1.74E-5	-1.85E-5	3.89E-7
	CC5	0.0010	-0.0073	-0.0904	-1.74E-5	-1.85E-5	3.89E-7
	CC6	0.1006	-0.1903	-0.0665	-2.92E-4	-1.78E-4	-9.43E-5
	CC7	0.0982	-0.1627	-0.0700	-2.51E-4	-1.74E-4	-8.23E-5
	CC8	0.1038	-0.2950	-0.0531	-4.53E-4	-1.85E-4	-7.94E-5
	CC9	0.1014	-0.2675	-0.0566	-4.11E-4	-1.81E-4	-6.74E-5
	CC10	-0.0994	0.2532	-0.1228	3.77E-4	1.45E-4	6.83E-5
	CC11	-0.1018	0.2807	-0.1263	4.19E-4	1.48E-4	8.02E-5
	CC12	-0.0962	0.1484	-0.1094	2.17E-4	1.38E-4	8.32E-5
	CC13	-0.0987	0.1759	-0.1129	2.58E-4	1.42E-4	9.52E-5
	CC14	0.0298	0.0554	-0.0978	8.07E-5	-6.16E-5	-6.86E-5
	CC15	0.0217	0.1465	-0.1094	2.19E-4	-4.96E-5	-2.90E-5
	CC16	-0.0302	0.1884	-0.1147	2.82E-4	3.52E-5	-1.99E-5
	CC17	-0.0383	0.2796	-0.1263	4.20E-4	4.72E-5	1.98E-5
	CC18	0.0403	-0.2939	-0.0532	-4.54E-4	-8.34E-5	-1.89E-5
	CC19	0.0322	-0.2028	-0.0648	-3.16E-4	-7.14E-5	2.07E-5
	CC20	-0.0197	-0.1608	-0.0701	-2.53E-4	1.34E-5	2.98E-5
	CC21	-0.0278	-0.0697	-0.0817	-1.15E-4	2.55E-5	6.95E-5
357	CC1	-0.0013	-0.0059	-0.0958	-1.54E-5	-1.21E-5	1.31E-6
	CC2	-0.0013	-0.0059	-0.0958	-1.54E-5	-1.21E-5	1.31E-6
	CC3	-0.0013	-0.0059	-0.0958	-1.54E-5	-1.21E-5	1.31E-6
	CC4	-0.0012	-0.0055	-0.0934	-1.43E-5	-1.14E-5	1.18E-6
	CC5	-0.0012	-0.0055	-0.0934	-1.43E-5	-1.14E-5	1.18E-6
	CC6	0.0928	-0.1629	-0.1214	-3.41E-4	-1.94E-4	-7.91E-5
	CC7	0.0886	-0.1394	-0.1170	-2.91E-4	-1.86E-4	-6.90E-5
	CC8	0.0919	-0.2517	-0.1384	-5.45E-4	-1.96E-4	-6.67E-5
	CC9	0.0877	-0.2282	-0.1340	-4.95E-4	-1.87E-4	-5.66E-5
	CC10	-0.0901	0.2174	-0.0512	4.67E-4	1.65E-4	5.89E-5
	CC11	-0.0943	0.2409	-0.0468	5.17E-4	1.73E-4	6.90E-5
	CC12	-0.0910	0.1286	-0.0682	2.63E-4	1.63E-4	7.12E-5
	CC13	-0.0951	0.1521	-0.0638	3.13E-4	1.72E-4	8.13E-5
	CC14	0.0346	0.0466	-0.0820	1.21E-4	-7.67E-5	-5.69E-5
	CC15	0.0208	0.1245	-0.0674	2.87E-4	-4.85E-5	-2.35E-5
	CC16	-0.0203	0.1607	-0.0609	3.64E-4	3.09E-5	-1.55E-5
	CC17	-0.0340	0.2386	-0.0464	5.30E-4	5.92E-5	1.79E-5
	CC18	0.0316	-0.2494	-0.1389	-5.57E-4	-8.15E-5	-1.57E-5
	CC19	0.0179	-0.1715	-0.1243	-3.91E-4	-5.33E-5	1.78E-5
	CC20	-0.0232	-0.1353	-0.1178	-3.15E-4	2.61E-5	2.57E-5
	CC21	-0.0369	-0.0574	-0.1033	-1.49E-4	5.44E-5	5.92E-5

358	CC1	-0.0019	-0.0048	-0.0946	-1.17E-5	-2.48E-6	9.85E-7
	CC2	-0.0019	-0.0048	-0.0946	-1.17E-5	-2.48E-6	9.85E-7
	CC3	-0.0019	-0.0048	-0.0946	-1.17E-5	-2.48E-6	9.85E-7
	CC4	-0.0018	-0.0045	-0.0922	-1.08E-5	-2.60E-6	8.98E-7
	CC5	-0.0018	-0.0045	-0.0922	-1.08E-5	-2.60E-6	8.98E-7
	CC6	0.0756	-0.1335	-0.1182	-3.32E-4	-1.92E-4	-6.61E-5
	CC7	0.0723	-0.1144	-0.1142	-2.83E-4	-1.83E-4	-5.76E-5
	CC8	0.0749	-0.2048	-0.1339	-5.31E-4	-1.96E-4	-5.72E-5
	CC9	0.0716	-0.1857	-0.1298	-4.82E-4	-1.87E-4	-4.88E-5
	CC10	-0.0751	0.1769	-0.0531	4.61E-4	1.81E-4	5.05E-5
	CC11	-0.0784	0.1960	-0.0491	5.10E-4	1.91E-4	5.90E-5
	CC12	-0.0758	0.1057	-0.0688	2.63E-4	1.77E-4	5.94E-5
	CC13	-0.0791	0.1248	-0.0647	3.11E-4	1.87E-4	6.78E-5
	CC14	0.0276	0.0361	-0.0819	1.20E-4	-6.76E-5	-4.54E-5
	CC15	0.0165	0.0994	-0.0684	2.82E-4	-3.62E-5	-1.74E-5
	CC16	-0.0176	0.1293	-0.0624	3.58E-4	4.44E-5	-1.04E-5
	CC17	-0.0287	0.1926	-0.0489	5.20E-4	7.59E-5	1.76E-5
	CC18	0.0252	-0.2013	-0.1340	-5.41E-4	-8.11E-5	-1.59E-5
	CC19	0.0142	-0.1380	-0.1205	-3.79E-4	-4.97E-5	1.22E-5
	CC20	-0.0200	-0.1082	-0.1145	-3.03E-4	3.09E-5	1.91E-5
	CC21	-0.0310	-0.0449	-0.1010	-1.41E-4	6.24E-5	4.72E-5
359	CC1	-0.0020	-0.0037	-0.0934	-1.26E-5	-3.04E-6	9.06E-7
	CC2	-0.0020	-0.0037	-0.0934	-1.26E-5	-3.04E-6	9.06E-7
	CC3	-0.0020	-0.0037	-0.0934	-1.26E-5	-3.04E-6	9.06E-7
	CC4	-0.0020	-0.0035	-0.0911	-1.17E-5	-2.94E-6	8.44E-7
	CC5	-0.0020	-0.0035	-0.0911	-1.17E-5	-2.94E-6	8.44E-7
	CC6	0.0590	-0.1057	-0.1143	-3.05E-4	-1.83E-4	-5.26E-5
	CC7	0.0564	-0.0907	-0.1107	-2.61E-4	-1.74E-4	-4.58E-5
	CC8	0.0582	-0.1603	-0.1280	-4.84E-4	-1.86E-4	-4.70E-5
	CC9	0.0557	-0.1454	-0.1244	-4.40E-4	-1.77E-4	-4.02E-5
	CC10	-0.0595	0.1385	-0.0564	4.17E-4	1.72E-4	4.18E-5
	CC11	-0.0620	0.1535	-0.0528	4.62E-4	1.80E-4	4.86E-5
	CC12	-0.0603	0.0838	-0.0700	2.38E-4	1.68E-4	4.75E-5
	CC13	-0.0628	0.0988	-0.0664	2.83E-4	1.77E-4	5.43E-5
	CC14	0.0213	0.0263	-0.0823	1.05E-4	-6.45E-5	-3.40E-5
	CC15	0.0129	0.0759	-0.0704	2.52E-4	-3.55E-5	-1.15E-5
	CC16	-0.0143	0.0995	-0.0649	3.22E-4	4.18E-5	-5.69E-6
	CC17	-0.0226	0.1491	-0.0530	4.69E-4	7.08E-5	1.69E-5
	CC18	0.0188	-0.1560	-0.1278	-4.92E-4	-7.66E-5	-1.52E-5
	CC19	0.0104	-0.1064	-0.1159	-3.45E-4	-4.76E-5	7.34E-6
	CC20	-0.0168	-0.0827	-0.1104	-2.75E-4	2.97E-5	1.31E-5
	CC21	-0.0251	-0.0331	-0.0985	-1.28E-4	5.86E-5	3.57E-5
360	CC1	-0.0002	-0.0060	-0.0903	-1.87E-5	-1.05E-5	-3.99E-7
	CC2	-0.0002	-0.0060	-0.0903	-1.87E-5	-1.05E-5	-3.99E-7
	CC3	-0.0002	-0.0060	-0.0903	-1.87E-5	-1.05E-5	-3.99E-7
	CC4	-0.0002	-0.0056	-0.0882	-1.76E-5	-9.92E-6	-3.40E-7
	CC5	-0.0002	-0.0056	-0.0882	-1.76E-5	-9.92E-6	-3.40E-7
	CC6	0.0824	-0.1616	-0.0386	-3.33E-4	-1.69E-4	-8.17E-5
	CC7	0.0813	-0.1383	-0.0460	-2.85E-4	-1.66E-4	-7.14E-5
	CC8	0.0859	-0.2495	-0.0103	-5.29E-4	-1.80E-4	-7.01E-5
	CC9	0.0848	-0.2262	-0.0177	-4.81E-4	-1.78E-4	-5.98E-5
	CC10	-0.0853	0.2152	-0.1575	4.47E-4	1.59E-4	5.92E-5
	CC11	-0.0864	0.2385	-0.1649	4.95E-4	1.61E-4	6.95E-5
	CC12	-0.0818	0.1273	-0.1291	2.50E-4	1.47E-4	7.08E-5
	CC13	-0.0828	0.1506	-0.1365	2.99E-4	1.49E-4	8.11E-5
	CC14	0.0208	0.0460	-0.1048	1.13E-4	-4.38E-5	-5.79E-5
	CC15	0.0172	0.1231	-0.1293	2.73E-4	-3.55E-5	-2.37E-5
	CC16	-0.0295	0.1590	-0.1405	3.47E-4	5.45E-5	-1.56E-5
	CC17	-0.0331	0.2361	-0.1649	5.07E-4	6.28E-5	1.86E-5
	CC18	0.0326	-0.2472	-0.0102	-5.42E-4	-8.22E-5	-1.92E-5
	CC19	0.0290	-0.1700	-0.0347	-3.82E-4	-7.40E-5	1.49E-5
	CC20	-0.0177	-0.1341	-0.0459	-3.08E-4	1.60E-5	2.31E-5
	CC21	-0.0213	-0.0570	-0.0703	-1.48E-4	2.43E-5	5.72E-5
361	CC1	-0.0009	-0.0045	-0.0897	-1.62E-5	-5.98E-6	-7.11E-8
	CC2	-0.0009	-0.0045	-0.0897	-1.62E-5	-5.98E-6	-7.11E-8
	CC3	-0.0009	-0.0045	-0.0897	-1.62E-5	-5.98E-6	-7.11E-8
	CC4	-0.0009	-0.0042	-0.0877	-1.51E-5	-5.70E-6	-3.37E-8
	CC5	-0.0009	-0.0042	-0.0877	-1.51E-5	-5.70E-6	-3.37E-8
	CC6	0.0679	-0.1332	-0.0405	-3.20E-4	-1.64E-4	-6.74E-5
	CC7	0.0670	-0.1141	-0.0475	-2.73E-4	-1.61E-4	-5.89E-5
	CC8	0.0704	-0.2044	-0.0138	-5.08E-4	-1.75E-4	-5.90E-5
	CC9	0.0695	-0.1853	-0.0208	-4.62E-4	-1.73E-4	-5.04E-5

	CC10	-0.0713	0.1771	-0.1532	4.33E-4	1.61E-4	5.03E-5
	CC11	-0.0722	0.1962	-0.1602	4.79E-4	1.64E-4	5.89E-5
	CC12	-0.0688	0.1059	-0.1265	2.44E-4	1.50E-4	5.88E-5
	CC13	-0.0697	0.1250	-0.1335	2.90E-4	1.53E-4	6.74E-5
	CC14	0.0172	0.0364	-0.1030	1.10E-4	-3.96E-5	-4.60E-5
	CC15	0.0144	0.0996	-0.1261	2.63E-4	-3.14E-5	-1.76E-5
	CC16	-0.0246	0.1294	-0.1368	3.36E-4	5.80E-5	-1.07E-5
	CC17	-0.0274	0.1927	-0.1599	4.89E-4	6.62E-5	1.77E-5
	CC18	0.0256	-0.2009	-0.0141	-5.19E-4	-7.75E-5	-1.77E-5
	CC19	0.0228	-0.1376	-0.0373	-3.65E-4	-6.93E-5	1.06E-5
	CC20	-0.0162	-0.1078	-0.0479	-2.93E-4	2.01E-5	1.76E-5
	CC21	-0.0190	-0.0446	-0.0711	-1.40E-4	2.83E-5	4.60E-5
362	CC1	-0.0014	-0.0032	-0.0891	-1.39E-5	-4.01E-6	5.95E-7
	CC2	-0.0014	-0.0032	-0.0891	-1.39E-5	-4.01E-6	5.95E-7
	CC3	-0.0014	-0.0032	-0.0891	-1.39E-5	-4.01E-6	5.95E-7
	CC4	-0.0013	-0.0030	-0.0871	-1.30E-5	-3.81E-6	5.81E-7
	CC5	-0.0013	-0.0030	-0.0871	-1.30E-5	-3.81E-6	5.81E-7
	CC6	0.0537	-0.1062	-0.0431	-3.00E-4	-1.58E-4	-5.25E-5
	CC7	0.0530	-0.0910	-0.0496	-2.56E-4	-1.56E-4	-4.57E-5
	CC8	0.0553	-0.1614	-0.0186	-4.75E-4	-1.67E-4	-4.67E-5
	CC9	0.0547	-0.1463	-0.0251	-4.32E-4	-1.65E-4	-3.99E-5
	CC10	-0.0572	0.1405	-0.1477	4.06E-4	1.58E-4	4.11E-5
	CC11	-0.0579	0.1556	-0.1542	4.50E-4	1.60E-4	4.79E-5
	CC12	-0.0556	0.0852	-0.1232	2.31E-4	1.49E-4	4.68E-5
	CC13	-0.0563	0.1004	-0.1297	2.74E-4	1.51E-4	5.36E-5
	CC14	0.0137	0.0271	-0.1008	1.02E-4	-3.97E-5	-3.43E-5
	CC15	0.0116	0.0772	-0.1223	2.45E-4	-3.28E-5	-1.18E-5
	CC16	-0.0195	0.1011	-0.1321	3.14E-4	5.50E-5	-6.20E-6
	CC17	-0.0217	0.1512	-0.1536	4.57E-4	6.20E-5	1.62E-5
	CC18	0.0191	-0.1570	-0.0192	-4.83E-4	-6.95E-5	-1.51E-5
	CC19	0.0170	-0.1069	-0.0407	-3.39E-4	-6.25E-5	7.35E-6
	CC20	-0.0142	-0.0830	-0.0506	-2.71E-4	2.53E-5	1.30E-5
	CC21	-0.0163	-0.0329	-0.0721	-1.27E-4	3.23E-5	3.54E-5
363	CC1	0.0009	-0.0080	-0.0955	-2.48E-5	-3.82E-6	-2.68E-7
	CC2	0.0009	-0.0080	-0.0955	-2.48E-5	-3.82E-6	-2.68E-7
	CC3	0.0009	-0.0080	-0.0955	-2.48E-5	-3.82E-6	-2.68E-7
	CC4	0.0008	-0.0075	-0.0931	-2.33E-5	-3.59E-6	-2.42E-7
	CC5	0.0008	-0.0075	-0.0931	-2.33E-5	-3.59E-6	-2.42E-7
	CC6	0.1092	-0.1965	-0.1246	-3.32E-4	-5.11E-5	-9.50E-5
	CC7	0.1043	-0.1682	-0.1198	-2.85E-4	-4.38E-5	-8.30E-5
	CC8	0.1085	-0.3004	-0.1449	-5.14E-4	-7.92E-5	-8.00E-5
	CC9	0.1037	-0.2721	-0.1401	-4.67E-4	-7.20E-5	-6.81E-5
	CC10	-0.1022	0.2575	-0.0446	4.22E-4	6.50E-5	6.76E-5
	CC11	-0.1071	0.2858	-0.0398	4.69E-4	7.22E-5	7.96E-5
	CC12	-0.1029	0.1537	-0.0649	2.39E-4	3.68E-5	8.25E-5
	CC13	-0.1077	0.1820	-0.0601	2.86E-4	4.41E-5	9.45E-5
	CC14	0.0416	0.0508	-0.0786	9.10E-5	1.40E-5	-6.93E-5
	CC15	0.0255	0.1445	-0.0626	2.47E-4	3.80E-5	-2.96E-5
	CC16	-0.0219	0.1870	-0.0546	3.17E-4	4.88E-5	-2.05E-5
	CC17	-0.0380	0.2807	-0.0386	4.73E-4	7.28E-5	1.91E-5
	CC18	0.0394	-0.2953	-0.1462	-5.18E-4	-7.98E-5	-1.96E-5
	CC19	0.0233	-0.2016	-0.1301	-3.63E-4	-5.59E-5	2.01E-5
	CC20	-0.0240	-0.1591	-0.1222	-2.92E-4	-4.50E-5	2.92E-5
	CC21	-0.0401	-0.0654	-0.1061	-1.37E-4	-2.10E-5	6.88E-5
364	CC1	-0.0010	-0.0065	-0.0938	-1.70E-5	-1.60E-5	-1.61E-7
	CC2	-0.0010	-0.0065	-0.0938	-1.70E-5	-1.60E-5	-1.61E-7
	CC3	-0.0010	-0.0065	-0.0938	-1.70E-5	-1.60E-5	-1.61E-7
	CC4	-0.0010	-0.0060	-0.0916	-1.59E-5	-1.50E-5	-2.01E-7
	CC5	-0.0010	-0.0060	-0.0916	-1.59E-5	-1.50E-5	-2.01E-7
	CC6	0.0926	-0.1721	-0.0395	-3.56E-4	-1.97E-4	-6.87E-5
	CC7	0.0884	-0.1475	-0.0345	-3.05E-4	-1.87E-4	-6.03E-5
	CC8	0.0917	-0.2583	-0.0612	-5.50E-4	-2.00E-4	-5.00E-5
	CC9	0.0875	-0.2337	-0.0563	-4.99E-4	-1.91E-4	-4.15E-5
	CC10	-0.0894	0.2219	-0.1254	4.68E-4	1.61E-4	4.11E-5
	CC11	-0.0936	0.2465	-0.1204	5.19E-4	1.71E-4	4.95E-5
	CC12	-0.0903	0.1358	-0.1471	2.73E-4	1.58E-4	5.99E-5
	CC13	-0.0945	0.1603	-0.1422	3.25E-4	1.68E-4	6.83E-5
	CC14	0.0349	0.0379	-0.0499	9.96E-5	-7.85E-5	-6.20E-5
	CC15	0.0210	0.1193	-0.0335	2.70E-4	-4.73E-5	-3.40E-5
	CC16	-0.0197	0.1562	-0.0756	3.47E-4	2.90E-5	-2.90E-5
	CC17	-0.0336	0.2375	-0.0593	5.17E-4	6.02E-5	-1.08E-6
	CC18	0.0317	-0.2493	-0.1224	-5.48E-4	-8.93E-5	6.46E-7

	CC19	0.0178	-0.1679	-0.1060	-3.78E-4	-5.82E-5	2.86E-5
	CC20	-0.0229	-0.1311	-0.1481	-3.01E-4	1.81E-5	3.36E-5
	CC21	-0.0368	-0.0497	-0.1318	-1.31E-4	4.93E-5	6.15E-5
365	CC1	-0.0020	-0.0050	-0.0933	-1.50E-5	-7.38E-6	1.12E-7
	CC2	-0.0020	-0.0050	-0.0933	-1.50E-5	-7.38E-6	1.12E-7
	CC3	-0.0020	-0.0050	-0.0933	-1.50E-5	-7.38E-6	1.12E-7
	CC4	-0.0019	-0.0047	-0.0910	-1.40E-5	-7.03E-6	1.20E-7
	CC5	-0.0019	-0.0047	-0.0910	-1.40E-5	-7.03E-6	1.20E-7
	CC6	0.0757	-0.1421	-0.0422	-3.34E-4	-1.91E-4	-6.08E-5
	CC7	0.0723	-0.1219	-0.0376	-2.86E-4	-1.81E-4	-5.31E-5
	CC8	0.0746	-0.2120	-0.0623	-5.15E-4	-1.94E-4	-4.90E-5
	CC9	0.0712	-0.1918	-0.0577	-4.67E-4	-1.85E-4	-4.13E-5
	CC10	-0.0750	0.1827	-0.1229	4.39E-4	1.71E-4	4.16E-5
	CC11	-0.0784	0.2029	-0.1183	4.87E-4	1.80E-4	4.93E-5
	CC12	-0.0761	0.1128	-0.1430	2.58E-4	1.67E-4	5.33E-5
	CC13	-0.0794	0.1329	-0.1384	3.07E-4	1.77E-4	6.10E-5
	CC14	0.0281	0.0299	-0.0522	9.22E-5	-7.08E-5	-4.75E-5
	CC15	0.0169	0.0967	-0.0371	2.52E-4	-3.99E-5	-2.21E-5
	CC16	-0.0171	0.1273	-0.0765	3.24E-4	3.76E-5	-1.68E-5
	CC17	-0.0283	0.1941	-0.0613	4.84E-4	6.85E-5	8.63E-6
	CC18	0.0245	-0.2033	-0.1193	-5.11E-4	-8.23E-5	-8.39E-6
	CC19	0.0133	-0.1365	-0.1041	-3.51E-4	-5.14E-5	1.71E-5
	CC20	-0.0207	-0.1058	-0.1435	-2.79E-4	2.61E-5	2.23E-5
	CC21	-0.0319	-0.0390	-0.1283	-1.20E-4	5.70E-5	4.78E-5
366	CC1	-0.0026	-0.0037	-0.0924	-1.37E-5	-6.12E-6	3.42E-7
	CC2	-0.0026	-0.0037	-0.0924	-1.37E-5	-6.12E-6	3.42E-7
	CC3	-0.0026	-0.0037	-0.0924	-1.37E-5	-6.12E-6	3.42E-7
	CC4	-0.0025	-0.0035	-0.0902	-1.28E-5	-5.71E-6	4.16E-7
	CC5	-0.0025	-0.0035	-0.0902	-1.28E-5	-5.71E-6	4.16E-7
	CC6	0.0592	-0.1136	-0.0457	-3.20E-4	-1.81E-4	-5.00E-5
	CC7	0.0566	-0.0976	-0.0416	-2.74E-4	-1.74E-4	-4.35E-5
	CC8	0.0581	-0.1683	-0.0637	-4.92E-4	-1.77E-4	-4.40E-5
	CC9	0.0555	-0.1522	-0.0596	-4.46E-4	-1.70E-4	-3.75E-5
	CC10	-0.0604	0.1454	-0.1194	4.21E-4	1.58E-4	3.84E-5
	CC11	-0.0630	0.1615	-0.1153	4.67E-4	1.66E-4	4.49E-5
	CC12	-0.0614	0.0907	-0.1374	2.49E-4	1.62E-4	4.44E-5
	CC13	-0.0640	0.1068	-0.1333	2.95E-4	1.70E-4	5.09E-5
	CC14	0.0216	0.0223	-0.0553	8.68E-5	-7.56E-5	-3.36E-5
	CC15	0.0130	0.0754	-0.0416	2.39E-4	-5.06E-5	-1.21E-5
	CC16	-0.0142	0.1000	-0.0774	3.09E-4	2.62E-5	-7.06E-6
	CC17	-0.0228	0.1531	-0.0637	4.61E-4	5.12E-5	1.44E-5
	CC18	0.0180	-0.1599	-0.1153	-4.86E-4	-6.23E-5	-1.35E-5
	CC19	0.0094	-0.1069	-0.1016	-3.34E-4	-3.74E-5	7.94E-6
	CC20	-0.0179	-0.0822	-0.1374	-2.63E-4	3.95E-5	1.30E-5
	CC21	-0.0265	-0.0292	-0.1237	-1.12E-4	6.45E-5	3.45E-5
367	CC1	0.0011	-0.0078	-0.0900	-2.16E-5	-3.32E-6	-4.32E-7
	CC2	0.0011	-0.0078	-0.0900	-2.16E-5	-3.32E-6	-4.32E-7
	CC3	0.0011	-0.0078	-0.0900	-2.16E-5	-3.32E-6	-4.32E-7
	CC4	0.0010	-0.0073	-0.0880	-2.03E-5	-3.12E-6	-4.04E-7
	CC5	0.0010	-0.0073	-0.0880	-2.03E-5	-3.12E-6	-4.04E-7
	CC6	0.0973	-0.1964	-0.0379	-3.33E-4	-5.11E-5	-9.51E-5
	CC7	0.0959	-0.1681	-0.0454	-2.85E-4	-4.37E-5	-8.31E-5
	CC8	0.1017	-0.3002	-0.0095	-5.23E-4	-8.03E-5	-8.02E-5
	CC9	0.1003	-0.2719	-0.0170	-4.75E-4	-7.29E-5	-6.82E-5
	CC10	-0.0984	0.2576	-0.1576	4.35E-4	6.68E-5	6.74E-5
	CC11	-0.0998	0.2859	-0.1651	4.83E-4	7.42E-5	7.94E-5
	CC12	-0.0940	0.1538	-0.1292	2.45E-4	3.76E-5	8.23E-5
	CC13	-0.0954	0.1821	-0.1367	2.93E-4	4.50E-5	9.43E-5
	CC14	0.0254	0.0509	-0.1043	1.03E-4	1.58E-5	-6.95E-5
	CC15	0.0207	0.1446	-0.1291	2.61E-4	4.01E-5	-2.98E-5
	CC16	-0.0333	0.1871	-0.1402	3.33E-4	5.12E-5	-2.07E-5
	CC17	-0.0380	0.2809	-0.1650	4.92E-4	7.55E-5	1.90E-5
	CC18	0.0400	-0.2951	-0.0096	-5.31E-4	-8.16E-5	-1.98E-5
	CC19	0.0353	-0.2014	-0.0344	-3.73E-4	-5.73E-5	1.99E-5
	CC20	-0.0187	-0.1589	-0.0455	-3.01E-4	-4.62E-5	2.90E-5
	CC21	-0.0234	-0.0652	-0.0703	-1.43E-4	-2.19E-5	6.87E-5
368	CC1	-0.0002	-0.0062	-0.0890	-1.75E-5	-1.17E-5	-5.43E-7
	CC2	-0.0002	-0.0062	-0.0890	-1.75E-5	-1.17E-5	-5.43E-7
	CC3	-0.0002	-0.0062	-0.0890	-1.75E-5	-1.17E-5	-5.43E-7
	CC4	-0.0002	-0.0058	-0.0871	-1.64E-5	-1.11E-5	-4.71E-7
	CC5	-0.0002	-0.0058	-0.0871	-1.64E-5	-1.11E-5	-4.71E-7
	CC6	0.0830	-0.1719	-0.0380	-3.55E-4	-1.69E-4	-7.60E-5

	CC7	0.0817	-0.1473	-0.0453	-3.04E-4	-1.67E-4	-6.64E-5
	CC8	0.0866	-0.2580	-0.0113	-5.50E-4	-1.78E-4	-6.10E-5
	CC9	0.0853	-0.2334	-0.0185	-4.98E-4	-1.75E-4	-5.14E-5
	CC10	-0.0856	0.2221	-0.1543	4.66E-4	1.54E-4	5.05E-5
	CC11	-0.0870	0.2466	-0.1616	5.18E-4	1.56E-4	6.01E-5
	CC12	-0.0820	0.1359	-0.1276	2.72E-4	1.45E-4	6.55E-5
	CC13	-0.0834	0.1605	-0.1348	3.23E-4	1.48E-4	7.51E-5
	CC14	0.0213	0.0381	-0.1015	9.96E-5	-4.94E-5	-6.02E-5
	CC15	0.0169	0.1194	-0.1255	2.69E-4	-4.10E-5	-2.86E-5
	CC16	-0.0293	0.1563	-0.1364	3.46E-4	4.75E-5	-2.23E-5
	CC17	-0.0337	0.2376	-0.1604	5.16E-4	5.59E-5	9.39E-6
	CC18	0.0334	-0.2490	-0.0124	-5.48E-4	-7.76E-5	-1.03E-5
	CC19	0.0289	-0.1677	-0.0365	-3.78E-4	-6.93E-5	2.14E-5
	CC20	-0.0172	-0.1308	-0.0473	-3.01E-4	1.93E-5	2.77E-5
	CC21	-0.0217	-0.0495	-0.0713	-1.32E-4	2.77E-5	5.93E-5
369	CC1	-0.0010	-0.0048	-0.0888	-1.57E-5	-7.40E-6	-3.87E-7
	CC2	-0.0010	-0.0048	-0.0888	-1.57E-5	-7.40E-6	-3.87E-7
	CC3	-0.0010	-0.0048	-0.0888	-1.57E-5	-7.40E-6	-3.87E-7
	CC4	-0.0010	-0.0044	-0.0869	-1.47E-5	-7.03E-6	-3.27E-7
	CC5	-0.0010	-0.0044	-0.0869	-1.47E-5	-7.03E-6	-3.27E-7
	CC6	0.0684	-0.1419	-0.0398	-3.33E-4	-1.66E-4	-6.36E-5
	CC7	0.0673	-0.1217	-0.0467	-2.85E-4	-1.63E-4	-5.55E-5
	CC8	0.0713	-0.2118	-0.0145	-5.13E-4	-1.73E-4	-5.32E-5
	CC9	0.0701	-0.1916	-0.0215	-4.65E-4	-1.71E-4	-4.51E-5
	CC10	-0.0720	0.1829	-0.1510	4.36E-4	1.57E-4	4.45E-5
	CC11	-0.0732	0.2031	-0.1579	4.84E-4	1.59E-4	5.26E-5
	CC12	-0.0692	0.1130	-0.1257	2.56E-4	1.49E-4	5.49E-5
	CC13	-0.0703	0.1332	-0.1326	3.04E-4	1.52E-4	6.30E-5
	CC14	0.0173	0.0301	-0.1002	9.15E-5	-4.66E-5	-4.73E-5
	CC15	0.0135	0.0969	-0.1232	2.50E-4	-3.87E-5	-2.04E-5
	CC16	-0.0249	0.1275	-0.1335	3.22E-4	5.02E-5	-1.49E-5
	CC17	-0.0286	0.1943	-0.1565	4.81E-4	5.81E-5	1.20E-5
	CC18	0.0267	-0.2030	-0.0159	-5.10E-4	-7.19E-5	-1.26E-5
	CC19	0.0230	-0.1362	-0.0389	-3.51E-4	-6.40E-5	1.43E-5
	CC20	-0.0154	-0.1056	-0.0493	-2.79E-4	2.49E-5	1.98E-5
	CC21	-0.0192	-0.0387	-0.0722	-1.20E-4	3.28E-5	4.67E-5
370	CC1	-0.0015	-0.0035	-0.0885	-1.40E-5	-4.94E-6	-2.74E-7
	CC2	-0.0015	-0.0035	-0.0885	-1.40E-5	-4.94E-6	-2.74E-7
	CC3	-0.0015	-0.0035	-0.0885	-1.40E-5	-4.94E-6	-2.74E-7
	CC4	-0.0015	-0.0032	-0.0866	-1.31E-5	-4.68E-6	-2.19E-7
	CC5	-0.0015	-0.0032	-0.0866	-1.31E-5	-4.68E-6	-2.19E-7
	CC6	0.0541	-0.1133	-0.0423	-3.19E-4	-1.61E-4	-4.70E-5
	CC7	0.0532	-0.0973	-0.0488	-2.73E-4	-1.57E-4	-4.10E-5
	CC8	0.0560	-0.1680	-0.0190	-4.90E-4	-1.77E-4	-3.89E-5
	CC9	0.0551	-0.1519	-0.0255	-4.44E-4	-1.72E-4	-3.29E-5
	CC10	-0.0580	0.1457	-0.1463	4.18E-4	1.63E-4	3.25E-5
	CC11	-0.0589	0.1617	-0.1528	4.64E-4	1.67E-4	3.85E-5
	CC12	-0.0561	0.0910	-0.1230	2.48E-4	1.48E-4	4.06E-5
	CC13	-0.0570	0.1070	-0.1295	2.93E-4	1.52E-4	4.66E-5
	CC14	0.0136	0.0226	-0.0984	8.54E-5	-3.52E-5	-3.55E-5
	CC15	0.0107	0.0757	-0.1200	2.37E-4	-2.09E-5	-1.57E-5
	CC16	-0.0201	0.1003	-0.1296	3.07E-4	6.22E-5	-1.16E-5
	CC17	-0.0230	0.1533	-0.1512	4.58E-4	7.65E-5	8.10E-6
	CC18	0.0201	-0.1596	-0.0207	-4.83E-4	-8.57E-5	-8.50E-6
	CC19	0.0172	-0.1065	-0.0422	-3.32E-4	-7.14E-5	1.12E-5
	CC20	-0.0136	-0.0819	-0.0519	-2.62E-4	1.17E-5	1.53E-5
	CC21	-0.0165	-0.0288	-0.0734	-1.11E-4	2.60E-5	3.51E-5
371	CC1	0.0000	-0.0093	-0.1129	-2.48E-5	1.92E-5	3.51E-6
	CC2	0.0000	-0.0093	-0.1129	-2.48E-5	1.92E-5	3.51E-6
	CC3	0.0000	-0.0093	-0.1129	-2.48E-5	1.92E-5	3.51E-6
	CC4	0.0001	-0.0087	-0.1087	-2.28E-5	1.77E-5	3.43E-6
	CC5	0.0001	-0.0087	-0.1087	-2.28E-5	1.77E-5	3.43E-6
	CC6	0.1082	-0.0018	-0.0722	4.05E-6	8.10E-5	-9.13E-5
	CC7	0.1034	0.0017	-0.0731	1.08E-5	7.81E-5	-7.93E-5
	CC8	0.1075	-0.1365	-0.0758	-2.75E-4	8.31E-5	-7.64E-5
	CC9	0.1028	-0.1330	-0.0768	-2.69E-4	8.01E-5	-6.44E-5
	CC10	-0.1026	0.1160	-0.1378	2.24E-4	-4.57E-5	7.12E-5
	CC11	-0.1074	0.1194	-0.1388	2.31E-4	-4.87E-5	8.32E-5
	CC12	-0.1033	-0.0187	-0.1414	-5.52E-5	-4.37E-5	8.61E-5
	CC13	-0.1080	-0.0152	-0.1424	-4.84E-5	-4.66E-5	9.81E-5
	CC14	0.0407	0.1925	-0.0898	3.99E-4	3.77E-5	-6.57E-5
	CC15	0.0249	0.2041	-0.0930	4.22E-4	2.79E-5	-2.60E-5

	CC16	-0.0226	0.2278	-0.1095	4.66E-4	-3.13E-7	-1.69E-5
	CC17	-0.0383	0.2394	-0.1127	4.88E-4	-1.01E-5	2.28E-5
	CC18	0.0385	-0.2564	-0.1019	-5.32E-4	4.45E-5	-1.60E-5
	CC19	0.0227	-0.2449	-0.1051	-5.10E-4	3.47E-5	2.37E-5
	CC20	-0.0248	-0.2211	-0.1216	-4.66E-4	6.45E-6	3.28E-5
	CC21	-0.0405	-0.2096	-0.1248	-4.44E-4	-3.31E-6	7.25E-5
372	CC1	-0.0001	-0.0098	-0.1111	-2.46E-5	5.93E-6	3.64E-6
	CC2	-0.0001	-0.0098	-0.1111	-2.46E-5	5.93E-6	3.64E-6
	CC3	-0.0001	-0.0098	-0.1111	-2.46E-5	5.93E-6	3.64E-6
	CC4	0.0000	-0.0092	-0.1071	-2.28E-5	5.35E-6	3.49E-6
	CC5	0.0000	-0.0092	-0.1071	-2.28E-5	5.35E-6	3.49E-6
	CC6	0.1081	0.0098	-0.0712	2.70E-5	-8.60E-5	-9.13E-5
	CC7	0.1034	0.0118	-0.0721	3.10E-5	-8.22E-5	-7.93E-5
	CC8	0.1074	-0.1268	-0.0750	-2.60E-4	-8.71E-5	-7.64E-5
	CC9	0.1027	-0.1248	-0.0759	-2.56E-4	-8.33E-5	-6.44E-5
	CC10	-0.1027	0.1069	-0.1355	2.12E-4	9.36E-5	7.13E-5
	CC11	-0.1075	0.1089	-0.1364	2.16E-4	9.74E-5	8.32E-5
	CC12	-0.1034	-0.0297	-0.1393	-7.54E-5	9.25E-5	8.62E-5
	CC13	-0.1081	-0.0277	-0.1403	-7.14E-5	9.63E-5	9.82E-5
	CC14	0.0406	0.2009	-0.0881	4.22E-4	-2.63E-5	-6.56E-5
	CC15	0.0249	0.2074	-0.0913	4.36E-4	-1.36E-5	-2.60E-5
	CC16	-0.0227	0.2300	-0.1074	4.78E-4	2.76E-5	-1.69E-5
	CC17	-0.0384	0.2365	-0.1106	4.91E-4	4.03E-5	2.28E-5
	CC18	0.0384	-0.2544	-0.1008	-5.35E-4	-3.00E-5	-1.59E-5
	CC19	0.0227	-0.2479	-0.1040	-5.22E-4	-1.73E-5	2.37E-5
	CC20	-0.0249	-0.2253	-0.1201	-4.80E-4	2.39E-5	3.28E-5
	CC21	-0.0406	-0.2188	-0.1233	-4.66E-4	3.66E-5	7.25E-5
373	CC1	-0.0001	-0.0100	-0.1109	-2.54E-5	9.27E-7	3.22E-6
	CC2	-0.0001	-0.0100	-0.1109	-2.54E-5	9.27E-7	3.22E-6
	CC3	-0.0001	-0.0100	-0.1109	-2.54E-5	9.27E-7	3.22E-6
	CC4	0.0000	-0.0094	-0.1069	-2.36E-5	6.80E-7	3.03E-6
	CC5	0.0000	-0.0094	-0.1069	-2.36E-5	6.80E-7	3.03E-6
	CC6	0.1081	0.0160	-0.0788	3.81E-5	-1.34E-4	-9.18E-5
	CC7	0.1034	0.0171	-0.0794	4.07E-5	-1.28E-4	-7.98E-5
	CC8	0.1074	-0.1216	-0.0826	-2.52E-4	-1.35E-4	-7.68E-5
	CC9	0.1027	-0.1205	-0.0833	-2.49E-4	-1.29E-4	-6.49E-5
	CC10	-0.1027	0.1021	-0.1278	2.03E-4	1.30E-4	7.08E-5
	CC11	-0.1075	0.1033	-0.1284	2.06E-4	1.36E-4	8.28E-5
	CC12	-0.1034	-0.0355	-0.1317	-8.66E-5	1.29E-4	8.57E-5
	CC13	-0.1081	-0.0343	-0.1323	-8.40E-5	1.35E-4	9.77E-5
	CC14	0.0406	0.2053	-0.0907	4.31E-4	-4.62E-5	-6.61E-5
	CC15	0.0249	0.2091	-0.0928	4.39E-4	-2.73E-5	-2.64E-5
	CC16	-0.0227	0.2312	-0.1054	4.80E-4	3.30E-5	-1.73E-5
	CC17	-0.0384	0.2350	-0.1075	4.89E-4	5.19E-5	2.23E-5
	CC18	0.0384	-0.2533	-0.1036	-5.35E-4	-5.07E-5	-1.64E-5
	CC19	0.0227	-0.2495	-0.1057	-5.26E-4	-3.18E-5	2.33E-5
	CC20	-0.0249	-0.2275	-0.1183	-4.85E-4	2.85E-5	3.24E-5
	CC21	-0.0406	-0.2237	-0.1204	-4.77E-4	4.74E-5	7.20E-5
374	CC1	0.0005	-0.0071	-0.1130	-1.88E-5	-4.41E-6	2.59E-6
	CC2	0.0005	-0.0071	-0.1130	-1.88E-5	-4.41E-6	2.59E-6
	CC3	0.0005	-0.0071	-0.1130	-1.88E-5	-4.41E-6	2.59E-6
	CC4	0.0005	-0.0066	-0.1087	-1.74E-5	-4.23E-6	2.55E-6
	CC5	0.0005	-0.0066	-0.1087	-1.74E-5	-4.23E-6	2.55E-6
	CC6	0.0965	-0.0113	-0.0743	-1.39E-6	-1.89E-4	-7.78E-5
	CC7	0.0924	-0.0072	-0.0752	5.59E-6	-1.80E-4	-6.76E-5
	CC8	0.0959	-0.1219	-0.0776	-2.59E-4	-1.90E-4	-6.56E-5
	CC9	0.0917	-0.1178	-0.0785	-2.52E-4	-1.82E-4	-5.54E-5
	CC10	-0.0908	0.1049	-0.1361	2.18E-4	1.73E-4	6.04E-5
	CC11	-0.0950	0.1090	-0.1370	2.25E-4	1.82E-4	7.06E-5
	CC12	-0.0914	-0.0057	-0.1395	-3.94E-5	1.72E-4	7.27E-5
	CC13	-0.0956	-0.0016	-0.1403	-3.25E-5	1.80E-4	8.29E-5
	CC14	0.0365	0.1536	-0.0910	3.68E-4	-7.04E-5	-5.55E-5
	CC15	0.0227	0.1672	-0.0939	3.91E-4	-4.19E-5	-2.18E-5
	CC16	-0.0197	0.1884	-0.1095	4.33E-4	3.82E-5	-1.40E-5
	CC17	-0.0335	0.2020	-0.1124	4.56E-4	6.67E-5	1.97E-5
	CC18	0.0345	-0.2150	-0.1022	-4.90E-4	-7.51E-5	-1.46E-5
	CC19	0.0206	-0.2014	-0.1051	-4.67E-4	-4.65E-5	1.91E-5
	CC20	-0.0217	-0.1801	-0.1207	-4.25E-4	3.35E-5	2.68E-5
	CC21	-0.0356	-0.1665	-0.1236	-4.01E-4	6.20E-5	6.06E-5
375	CC1	-0.0003	-0.0056	-0.1112	-1.59E-5	-1.15E-5	2.28E-6
	CC2	-0.0003	-0.0056	-0.1112	-1.59E-5	-1.15E-5	2.28E-6
	CC3	-0.0003	-0.0056	-0.1112	-1.59E-5	-1.15E-5	2.28E-6

	CC4	-0.0003	-0.0052	-0.1071	-1.48E-5	-1.07E-5	2.23E-6
	CC5	-0.0003	-0.0052	-0.1071	-1.48E-5	-1.07E-5	2.23E-6
	CC6	0.0774	-0.0118	-0.0744	5.64E-7	-2.34E-4	-6.39E-5
	CC7	0.0741	-0.0082	-0.0752	6.62E-6	-2.23E-4	-5.55E-5
	CC8	0.0768	-0.1007	-0.0777	-2.42E-4	-2.35E-4	-5.43E-5
	CC9	0.0734	-0.0971	-0.0785	-2.36E-4	-2.25E-4	-4.59E-5
	CC10	-0.0739	0.0869	-0.1329	2.07E-4	2.04E-4	5.04E-5
	CC11	-0.0773	0.0905	-0.1337	2.13E-4	2.14E-4	5.88E-5
	CC12	-0.0746	-0.0019	-0.1361	-3.56E-5	2.02E-4	6.00E-5
	CC13	-0.0779	0.0016	-0.1369	-2.95E-5	2.13E-4	6.84E-5
	CC14	0.0290	0.1224	-0.0902	3.48E-4	-9.07E-5	-4.48E-5
	CC15	0.0181	0.1341	-0.0928	3.68E-4	-5.59E-5	-1.70E-5
	CC16	-0.0164	0.1520	-0.1077	4.10E-4	4.06E-5	-1.05E-5
	CC17	-0.0274	0.1637	-0.1104	4.30E-4	7.53E-5	1.73E-5
	CC18	0.0269	-0.1739	-0.1010	-4.59E-4	-9.61E-5	-1.29E-5
	CC19	0.0159	-0.1622	-0.1037	-4.39E-4	-6.14E-5	1.49E-5
	CC20	-0.0186	-0.1443	-0.1185	-3.97E-4	3.51E-5	2.14E-5
	CC21	-0.0295	-0.1326	-0.1212	-3.77E-4	6.98E-5	4.92E-5
376	CC1	-0.0012	-0.0041	-0.1095	-1.68E-5	-6.56E-6	1.98E-6
	CC2	-0.0012	-0.0041	-0.1095	-1.68E-5	-6.56E-6	1.98E-6
	CC3	-0.0012	-0.0041	-0.1095	-1.68E-5	-6.56E-6	1.98E-6
	CC4	-0.0011	-0.0039	-0.1054	-1.58E-5	-6.21E-6	1.93E-6
	CC5	-0.0011	-0.0039	-0.1054	-1.58E-5	-6.21E-6	1.93E-6
	CC6	0.0579	-0.0118	-0.0749	-7.86E-6	-1.95E-4	-5.00E-5
	CC7	0.0555	-0.0088	-0.0756	-1.54E-6	-1.87E-4	-4.34E-5
	CC8	0.0572	-0.0799	-0.0780	-2.38E-4	-1.97E-4	-4.32E-5
	CC9	0.0548	-0.0769	-0.0788	-2.31E-4	-1.88E-4	-3.66E-5
	CC10	-0.0569	0.0693	-0.1293	2.00E-4	1.76E-4	4.04E-5
	CC11	-0.0593	0.0723	-0.1301	2.07E-4	1.85E-4	4.71E-5
	CC12	-0.0576	0.0012	-0.1325	-2.93E-5	1.74E-4	4.72E-5
	CC13	-0.0600	0.0042	-0.1332	-2.30E-5	1.83E-4	5.39E-5
	CC14	0.0213	0.0926	-0.0895	3.26E-4	-7.39E-5	-3.40E-5
	CC15	0.0132	0.1025	-0.0919	3.47E-4	-4.48E-5	-1.21E-5
	CC16	-0.0131	0.1169	-0.1058	3.88E-4	3.75E-5	-6.82E-6
	CC17	-0.0212	0.1269	-0.1082	4.09E-4	6.66E-5	1.51E-5
	CC18	0.0191	-0.1345	-0.0999	-4.40E-4	-7.88E-5	-1.13E-5
	CC19	0.0110	-0.1245	-0.1023	-4.19E-4	-4.97E-5	1.06E-5
	CC20	-0.0154	-0.1101	-0.1162	-3.78E-4	3.26E-5	1.59E-5
	CC21	-0.0235	-0.1002	-0.1187	-3.57E-4	6.17E-5	3.78E-5
377	CC1	-0.0004	-0.0081	-0.1099	-2.16E-5	-2.64E-6	1.47E-6
	CC2	-0.0004	-0.0081	-0.1099	-2.16E-5	-2.64E-6	1.47E-6
	CC3	-0.0004	-0.0081	-0.1099	-2.16E-5	-2.64E-6	1.47E-6
	CC4	-0.0003	-0.0076	-0.1059	-2.02E-5	-2.64E-6	1.29E-6
	CC5	-0.0003	-0.0076	-0.1059	-2.02E-5	-2.64E-6	1.29E-6
	CC6	0.0925	0.0174	-0.0880	5.90E-5	-1.91E-4	-7.92E-5
	CC7	0.0884	0.0177	-0.0882	5.81E-5	-1.82E-4	-6.91E-5
	CC8	0.0919	-0.0974	-0.0917	-2.12E-4	-1.92E-4	-6.70E-5
	CC9	0.0878	-0.0971	-0.0919	-2.13E-4	-1.84E-4	-5.68E-5
	CC10	-0.0883	0.0822	-0.1173	1.73E-4	1.78E-4	5.92E-5
	CC11	-0.0924	0.0825	-0.1175	1.72E-4	1.87E-4	6.94E-5
	CC12	-0.0889	-0.0326	-0.1210	-9.76E-5	1.77E-4	7.15E-5
	CC13	-0.0930	-0.0323	-0.1212	-9.85E-5	1.86E-4	8.17E-5
	CC14	0.0346	0.1736	-0.0936	4.16E-4	-7.01E-5	-5.69E-5
	CC15	0.0212	0.1748	-0.0942	4.13E-4	-4.10E-5	-2.32E-5
	CC16	-0.0196	0.1931	-0.1024	4.50E-4	4.06E-5	-1.53E-5
	CC17	-0.0330	0.1942	-0.1030	4.47E-4	6.97E-5	1.84E-5
	CC18	0.0325	-0.2090	-0.1061	-4.87E-4	-7.50E-5	-1.59E-5
	CC19	0.0191	-0.2079	-0.1068	-4.90E-4	-4.59E-5	1.78E-5
	CC20	-0.0217	-0.1896	-0.1149	-4.53E-4	3.57E-5	2.57E-5
	CC21	-0.0351	-0.1885	-0.1155	-4.56E-4	6.48E-5	5.93E-5
378	CC1	-0.0006	-0.0063	-0.1087	-1.88E-5	-2.05E-6	8.94E-7
	CC2	-0.0006	-0.0063	-0.1087	-1.88E-5	-2.05E-6	8.94E-7
	CC3	-0.0006	-0.0063	-0.1087	-1.88E-5	-2.05E-6	8.94E-7
	CC4	-0.0005	-0.0059	-0.1047	-1.77E-5	-2.07E-6	7.61E-7
	CC5	-0.0005	-0.0059	-0.1047	-1.77E-5	-2.07E-6	7.61E-7
	CC6	0.0758	0.0118	-0.0876	5.84E-5	-1.87E-4	-6.56E-5
	CC7	0.0726	0.0122	-0.0878	5.68E-5	-1.78E-4	-5.72E-5
	CC8	0.0752	-0.0803	-0.0912	-1.94E-4	-1.88E-4	-5.60E-5
	CC9	0.0719	-0.0799	-0.0914	-1.96E-4	-1.80E-4	-4.76E-5
	CC10	-0.0728	0.0683	-0.1155	1.61E-4	1.75E-4	4.90E-5
	CC11	-0.0761	0.0687	-0.1157	1.60E-4	1.84E-4	5.74E-5
	CC12	-0.0735	-0.0238	-0.1191	-9.15E-5	1.74E-4	5.86E-5

	CC13	-0.0768	-0.0234	-0.1193	-9.31E-5	1.83E-4	6.70E-5
	CC14	0.0283	0.1385	-0.0930	3.91E-4	-6.82E-5	-4.63E-5
	CC15	0.0175	0.1400	-0.0935	3.86E-4	-3.93E-5	-1.86E-5
	CC16	-0.0163	0.1554	-0.1014	4.22E-4	4.05E-5	-1.20E-5
	CC17	-0.0271	0.1569	-0.1019	4.17E-4	6.93E-5	1.58E-5
	CC18	0.0261	-0.1685	-0.1050	-4.51E-4	-7.35E-5	-1.44E-5
	CC19	0.0153	-0.1670	-0.1055	-4.57E-4	-4.47E-5	1.34E-5
	CC20	-0.0185	-0.1516	-0.1133	-4.20E-4	3.52E-5	2.00E-5
	CC21	-0.0293	-0.1501	-0.1139	-4.26E-4	6.40E-5	4.78E-5
379	CC1	-0.0007	-0.0047	-0.1073	-1.85E-5	-1.29E-6	5.20E-7
	CC2	-0.0007	-0.0047	-0.1073	-1.85E-5	-1.29E-6	5.20E-7
	CC3	-0.0007	-0.0047	-0.1073	-1.85E-5	-1.29E-6	5.20E-7
	CC4	-0.0006	-0.0044	-0.1035	-1.74E-5	-1.35E-6	4.27E-7
	CC5	-0.0006	-0.0044	-0.1035	-1.74E-5	-1.35E-6	4.27E-7
	CC6	0.0599	0.0067	-0.0872	4.87E-5	-1.74E-4	-5.17E-5
	CC7	0.0574	0.0072	-0.0874	4.77E-5	-1.66E-4	-4.51E-5
	CC8	0.0592	-0.0637	-0.0907	-1.91E-4	-1.76E-4	-4.49E-5
	CC9	0.0567	-0.0632	-0.0908	-1.92E-4	-1.68E-4	-3.83E-5
	CC10	-0.0579	0.0546	-0.1136	1.58E-4	1.65E-4	3.91E-5
	CC11	-0.0604	0.0551	-0.1137	1.57E-4	1.73E-4	4.57E-5
	CC12	-0.0586	-0.0158	-0.1170	-8.17E-5	1.63E-4	4.59E-5
	CC13	-0.0611	-0.0153	-0.1171	-8.27E-5	1.72E-4	5.25E-5
	CC14	0.0224	0.1049	-0.0923	3.68E-4	-6.32E-5	-3.55E-5
	CC15	0.0140	0.1068	-0.0927	3.65E-4	-3.63E-5	-1.36E-5
	CC16	-0.0130	0.1193	-0.1002	4.01E-4	3.86E-5	-8.27E-6
	CC17	-0.0213	0.1212	-0.1006	3.97E-4	6.55E-5	1.36E-5
	CC18	0.0201	-0.1298	-0.1037	-4.31E-4	-6.82E-5	-1.28E-5
	CC19	0.0117	-0.1279	-0.1042	-4.35E-4	-4.13E-5	9.07E-6
	CC20	-0.0153	-0.1154	-0.1116	-3.99E-4	3.35E-5	1.44E-5
	CC21	-0.0236	-0.1135	-0.1121	-4.02E-4	6.04E-5	3.63E-5
380	CC1	-0.0001	-0.0103	-0.1114	-2.71E-5	-6.37E-6	6.57E-7
	CC2	-0.0001	-0.0103	-0.1114	-2.71E-5	-6.37E-6	6.57E-7
	CC3	-0.0001	-0.0103	-0.1114	-2.71E-5	-6.37E-6	6.57E-7
	CC4	0.0000	-0.0097	-0.1074	-2.52E-5	-6.06E-6	3.24E-7
	CC5	0.0000	-0.0097	-0.1074	-2.52E-5	-6.06E-6	3.24E-7
	CC6	0.1081	0.0307	-0.0992	6.44E-5	-1.26E-4	-9.45E-5
	CC7	0.1034	0.0299	-0.0989	6.35E-5	-1.21E-4	-8.25E-5
	CC8	0.1075	-0.1093	-0.1030	-2.30E-4	-1.27E-4	-7.96E-5
	CC9	0.1027	-0.1101	-0.1027	-2.30E-4	-1.22E-4	-6.76E-5
	CC10	-0.1027	0.0912	-0.1094	1.81E-4	1.10E-4	6.80E-5
	CC11	-0.1074	0.0904	-0.1091	1.81E-4	1.15E-4	8.00E-5
	CC12	-0.1033	-0.0488	-0.1132	-1.13E-4	1.09E-4	8.30E-5
	CC13	-0.1081	-0.0495	-0.1129	-1.13E-4	1.14E-4	9.49E-5
	CC14	0.0406	0.2160	-0.0987	4.49E-4	-4.82E-5	-6.89E-5
	CC15	0.0249	0.2135	-0.0977	4.46E-4	-3.16E-5	-2.92E-5
	CC16	-0.0226	0.2341	-0.1018	4.84E-4	2.26E-5	-2.01E-5
	CC17	-0.0383	0.2317	-0.1008	4.81E-4	3.92E-5	1.96E-5
	CC18	0.0384	-0.2505	-0.1113	-5.31E-4	-5.11E-5	-1.92E-5
	CC19	0.0227	-0.2530	-0.1103	-5.33E-4	-3.45E-5	2.05E-5
	CC20	-0.0249	-0.2324	-0.1144	-4.95E-4	1.97E-5	2.96E-5
	CC21	-0.0405	-0.2349	-0.1134	-4.98E-4	3.63E-5	6.93E-5
381	CC1	-0.0001	-0.0104	-0.1120	-2.87E-5	-5.60E-6	-2.45E-7
	CC2	-0.0001	-0.0104	-0.1120	-2.87E-5	-5.60E-6	-2.45E-7
	CC3	-0.0001	-0.0104	-0.1120	-2.87E-5	-5.60E-6	-2.45E-7
	CC4	0.0000	-0.0097	-0.1079	-2.65E-5	-5.36E-6	-6.02E-7
	CC5	0.0000	-0.0097	-0.1079	-2.65E-5	-5.36E-6	-6.02E-7
	CC6	0.1081	0.0392	-0.1141	7.93E-5	-1.28E-4	-9.54E-5
	CC7	0.1034	0.0374	-0.1134	7.63E-5	-1.22E-4	-8.35E-5
	CC8	0.1075	-0.1021	-0.1178	-2.16E-4	-1.29E-4	-8.05E-5
	CC9	0.1027	-0.1039	-0.1170	-2.19E-4	-1.23E-4	-6.86E-5
	CC10	-0.1026	0.0851	-0.0961	1.67E-4	1.13E-4	6.71E-5
	CC11	-0.1073	0.0832	-0.0953	1.64E-4	1.18E-4	7.91E-5
	CC12	-0.1033	-0.0562	-0.0997	-1.28E-4	1.12E-4	8.20E-5
	CC13	-0.1080	-0.0581	-0.0990	-1.31E-4	1.17E-4	9.40E-5
	CC14	0.0406	0.2223	-0.1044	4.58E-4	-4.81E-5	-6.98E-5
	CC15	0.0249	0.2162	-0.1019	4.48E-4	-3.12E-5	-3.01E-5
	CC16	-0.0226	0.2360	-0.0990	4.84E-4	2.40E-5	-2.10E-5
	CC17	-0.0383	0.2299	-0.0965	4.75E-4	4.10E-5	1.86E-5
	CC18	0.0384	-0.2488	-0.1166	-5.26E-4	-5.15E-5	-2.01E-5
	CC19	0.0227	-0.2548	-0.1141	-5.36E-4	-3.46E-5	1.96E-5
	CC20	-0.0248	-0.2350	-0.1112	-5.00E-4	2.06E-5	2.87E-5
	CC21	-0.0405	-0.2411	-0.1087	-5.10E-4	3.76E-5	6.83E-5

382	CC1	0.0000	-0.0103	-0.1125	-3.12E-5	-6.94E-6	-1.04E-6
	CC2	0.0000	-0.0103	-0.1125	-3.12E-5	-6.94E-6	-1.04E-6
	CC3	0.0000	-0.0103	-0.1125	-3.12E-5	-6.94E-6	-1.04E-6
	CC4	0.0001	-0.0096	-0.1084	-2.89E-5	-6.62E-6	-1.33E-6
	CC5	0.0001	-0.0096	-0.1084	-2.89E-5	-6.62E-6	-1.33E-6
	CC6	0.1082	0.0479	-0.1259	9.28E-5	-1.34E-4	-9.61E-5
	CC7	0.1034	0.0450	-0.1246	8.78E-5	-1.29E-4	-8.42E-5
	CC8	0.1075	-0.0948	-0.1294	-2.03E-4	-1.36E-4	-8.12E-5
	CC9	0.1028	-0.0977	-0.1282	-2.08E-4	-1.30E-4	-6.93E-5
	CC10	-0.1026	0.0791	-0.0859	1.52E-4	1.17E-4	6.64E-5
	CC11	-0.1073	0.0761	-0.0847	1.47E-4	1.23E-4	7.84E-5
	CC12	-0.1032	-0.0636	-0.0894	-1.44E-4	1.16E-4	8.13E-5
	CC13	-0.1080	-0.0665	-0.0882	-1.49E-4	1.21E-4	9.33E-5
	CC14	0.0407	0.2286	-0.1092	4.64E-4	-5.10E-5	-7.05E-5
	CC15	0.0250	0.2189	-0.1051	4.47E-4	-3.34E-5	-3.08E-5
	CC16	-0.0226	0.2380	-0.0972	4.82E-4	2.45E-5	-2.17E-5
	CC17	-0.0382	0.2283	-0.0931	4.65E-4	4.22E-5	1.79E-5
	CC18	0.0384	-0.2469	-0.1210	-5.21E-4	-5.52E-5	-2.08E-5
	CC19	0.0228	-0.2566	-0.1169	-5.38E-4	-3.75E-5	1.89E-5
	CC20	-0.0248	-0.2376	-0.1090	-5.03E-4	2.03E-5	2.80E-5
	CC21	-0.0405	-0.2472	-0.1049	-5.20E-4	3.80E-5	6.76E-5
383	CC1	-0.0006	-0.0075	-0.1119	-2.52E-5	1.28E-6	-2.18E-6
	CC2	-0.0006	-0.0075	-0.1119	-2.52E-5	1.28E-6	-2.18E-6
	CC3	-0.0006	-0.0075	-0.1119	-2.52E-5	1.28E-6	-2.18E-6
	CC4	-0.0005	-0.0070	-0.1079	-2.33E-5	1.02E-6	-2.26E-6
	CC5	-0.0005	-0.0070	-0.1079	-2.33E-5	1.02E-6	-2.26E-6
	CC6	0.0933	0.0624	-0.1359	1.09E-4	-1.84E-4	-8.25E-5
	CC7	0.0892	0.0591	-0.1342	1.01E-4	-1.75E-4	-7.24E-5
	CC8	0.0926	-0.0571	-0.1392	-1.72E-4	-1.85E-4	-7.08E-5
	CC9	0.0886	-0.0604	-0.1375	-1.81E-4	-1.77E-4	-6.07E-5
	CC10	-0.0894	0.0468	-0.0755	1.35E-4	1.78E-4	5.61E-5
	CC11	-0.0935	0.0435	-0.0738	1.27E-4	1.87E-4	6.63E-5
	CC12	-0.0901	-0.0727	-0.0788	-1.46E-4	1.77E-4	6.78E-5
	CC13	-0.0942	-0.0760	-0.0771	-1.54E-4	1.86E-4	7.80E-5
	CC14	0.0348	0.2003	-0.1128	4.56E-4	-6.55E-5	-5.94E-5
	CC15	0.0213	0.1893	-0.1072	4.28E-4	-3.70E-5	-2.58E-5
	CC16	-0.0200	0.1956	-0.0947	4.64E-4	4.32E-5	-1.78E-5
	CC17	-0.0335	0.1846	-0.0891	4.36E-4	7.16E-5	1.58E-5
	CC18	0.0326	-0.1982	-0.1239	-4.81E-4	-6.98E-5	-2.04E-5
	CC19	0.0191	-0.2092	-0.1183	-5.09E-4	-4.13E-5	1.33E-5
	CC20	-0.0222	-0.2029	-0.1058	-4.73E-4	3.89E-5	2.12E-5
	CC21	-0.0357	-0.2139	-0.1002	-5.01E-4	6.74E-5	5.48E-5
384	CC1	-0.0003	-0.0056	-0.1103	-1.97E-5	4.35E-6	-1.94E-6
	CC2	-0.0003	-0.0056	-0.1103	-1.97E-5	4.35E-6	-1.94E-6
	CC3	-0.0003	-0.0056	-0.1103	-1.97E-5	4.35E-6	-1.94E-6
	CC4	-0.0002	-0.0052	-0.1063	-1.82E-5	3.87E-6	-2.00E-6
	CC5	-0.0002	-0.0052	-0.1063	-1.82E-5	3.87E-6	-2.00E-6
	CC6	0.0770	0.0519	-0.1325	1.10E-4	-1.85E-4	-6.78E-5
	CC7	0.0737	0.0493	-0.1308	1.01E-4	-1.76E-4	-5.95E-5
	CC8	0.0763	-0.0439	-0.1357	-1.56E-4	-1.87E-4	-5.93E-5
	CC9	0.0730	-0.0464	-0.1341	-1.65E-4	-1.78E-4	-5.09E-5
	CC10	-0.0734	0.0364	-0.0759	1.29E-4	1.85E-4	4.69E-5
	CC11	-0.0767	0.0338	-0.0742	1.21E-4	1.94E-4	5.52E-5
	CC12	-0.0740	-0.0594	-0.0791	-1.36E-4	1.83E-4	5.54E-5
	CC13	-0.0773	-0.0620	-0.0775	-1.45E-4	1.92E-4	6.38E-5
	CC14	0.0289	0.1611	-0.1108	4.37E-4	-6.36E-5	-4.74E-5
	CC15	0.0180	0.1526	-0.1054	4.08E-4	-3.40E-5	-1.96E-5
	CC16	-0.0162	0.1565	-0.0938	4.43E-4	4.74E-5	-1.29E-5
	CC17	-0.0271	0.1480	-0.0884	4.14E-4	7.70E-5	1.48E-5
	CC18	0.0268	-0.1581	-0.1215	-4.49E-4	-6.96E-5	-1.88E-5
	CC19	0.0159	-0.1666	-0.1161	-4.78E-4	-4.00E-5	8.90E-6
	CC20	-0.0183	-0.1627	-0.1045	-4.43E-4	4.14E-5	1.56E-5
	CC21	-0.0292	-0.1712	-0.0991	-4.72E-4	7.11E-5	4.33E-5
385	CC1	0.0000	-0.0040	-0.1086	-1.81E-5	1.90E-6	-1.56E-6
	CC2	0.0000	-0.0040	-0.1086	-1.81E-5	1.90E-6	-1.56E-6
	CC3	0.0000	-0.0040	-0.1086	-1.81E-5	1.90E-6	-1.56E-6
	CC4	0.0001	-0.0037	-0.1047	-1.68E-5	1.62E-6	-1.60E-6
	CC5	0.0001	-0.0037	-0.1047	-1.68E-5	1.62E-6	-1.60E-6
	CC6	0.0610	0.0415	-0.1282	1.07E-4	-1.77E-4	-5.32E-5
	CC7	0.0585	0.0397	-0.1268	9.89E-5	-1.68E-4	-4.66E-5
	CC8	0.0603	-0.0314	-0.1313	-1.46E-4	-1.79E-4	-4.73E-5
	CC9	0.0578	-0.0332	-0.1298	-1.54E-4	-1.70E-4	-4.07E-5

	CC10	-0.0577	0.0261	-0.0770	1.21E-4	1.73E-4	3.75E-5
	CC11	-0.0602	0.0243	-0.0755	1.13E-4	1.82E-4	4.41E-5
	CC12	-0.0583	-0.0468	-0.0801	-1.32E-4	1.71E-4	4.34E-5
	CC13	-0.0609	-0.0486	-0.0786	-1.40E-4	1.80E-4	5.00E-5
	CC14	0.0232	0.1232	-0.1084	4.16E-4	-6.16E-5	-3.60E-5
	CC15	0.0148	0.1172	-0.1035	3.89E-4	-3.40E-5	-1.42E-5
	CC16	-0.0124	0.1186	-0.0931	4.20E-4	4.33E-5	-8.76E-6
	CC17	-0.0208	0.1126	-0.0881	3.94E-4	7.10E-5	1.31E-5
	CC18	0.0209	-0.1197	-0.1187	-4.26E-4	-6.79E-5	-1.63E-5
	CC19	0.0126	-0.1257	-0.1138	-4.53E-4	-4.02E-5	5.53E-6
	CC20	-0.0147	-0.1243	-0.1034	-4.22E-4	3.70E-5	1.09E-5
	CC21	-0.0230	-0.1303	-0.0984	-4.49E-4	6.47E-5	3.28E-5
386	CC1	0.0004	-0.0105	-0.0993	1.26E-7	-1.36E-6	4.00E-6
	CC2	0.0004	-0.0105	-0.0993	1.26E-7	-1.36E-6	4.00E-6
	CC3	0.0004	-0.0105	-0.0993	1.26E-7	-1.36E-6	4.00E-6
	CC4	0.0005	-0.0098	-0.0963	1.27E-7	-1.37E-6	3.79E-6
	CC5	0.0005	-0.0098	-0.0963	1.27E-7	-1.37E-6	3.79E-6
	CC6	0.0936	0.0212	-0.0667	1.42E-5	-1.53E-4	-9.10E-5
	CC7	0.0933	0.0217	-0.0656	1.42E-5	-1.52E-4	-7.90E-5
	CC8	0.0993	-0.1173	-0.0793	1.35E-5	-1.45E-4	-7.61E-5
	CC9	0.0989	-0.1168	-0.0783	1.35E-5	-1.45E-4	-6.41E-5
	CC10	-0.0979	0.0976	-0.1123	-1.32E-5	1.42E-4	7.16E-5
	CC11	-0.0982	0.0981	-0.1113	-1.33E-5	1.42E-4	8.35E-5
	CC12	-0.0922	-0.0409	-0.1249	-1.39E-5	1.50E-4	8.65E-5
	CC13	-0.0925	-0.0404	-0.1239	-1.40E-5	1.50E-4	9.84E-5
	CC14	0.0204	0.2090	-0.0691	5.49E-6	-5.89E-5	-6.53E-5
	CC15	0.0193	0.2105	-0.0656	5.39E-6	-5.79E-5	-2.57E-5
	CC16	-0.0371	0.2320	-0.0828	-2.74E-6	2.95E-5	-1.66E-5
	CC17	-0.0382	0.2334	-0.0793	-2.84E-6	3.06E-5	2.31E-5
	CC18	0.0393	-0.2526	-0.1113	3.10E-6	-3.33E-5	-1.56E-5
	CC19	0.0382	-0.2512	-0.1078	3.00E-6	-3.22E-5	2.40E-5
	CC20	-0.0182	-0.2297	-0.1249	-5.13E-6	5.51E-5	3.31E-5
	CC21	-0.0193	-0.2283	-0.1215	-5.23E-6	5.62E-5	7.28E-5
387	CC1	0.0008	-0.0104	-0.0970	3.30E-7	-3.54E-6	5.13E-6
	CC2	0.0008	-0.0104	-0.0970	3.30E-7	-3.54E-6	5.13E-6
	CC3	0.0008	-0.0104	-0.0970	3.30E-7	-3.54E-6	5.13E-6
	CC4	0.0009	-0.0097	-0.0941	3.16E-7	-3.39E-6	4.83E-6
	CC5	0.0009	-0.0097	-0.0941	3.16E-7	-3.39E-6	4.83E-6
	CC6	0.0912	0.0206	-0.0692	1.41E-5	-1.52E-4	-9.00E-5
	CC7	0.0918	0.0211	-0.0682	1.42E-5	-1.53E-4	-7.80E-5
	CC8	0.0980	-0.1178	-0.0650	1.37E-5	-1.47E-4	-7.51E-5
	CC9	0.0986	-0.1173	-0.0640	1.38E-5	-1.48E-4	-6.31E-5
	CC10	-0.0969	0.0982	-0.1224	-1.32E-5	1.42E-4	7.26E-5
	CC11	-0.0963	0.0987	-0.1214	-1.31E-5	1.41E-4	8.45E-5
	CC12	-0.0901	-0.0402	-0.1182	-1.36E-5	1.46E-4	8.75E-5
	CC13	-0.0894	-0.0396	-0.1172	-1.35E-5	1.45E-4	9.94E-5
	CC14	0.0167	0.2086	-0.0939	4.92E-6	-5.28E-5	-6.43E-5
	CC15	0.0188	0.2103	-0.0905	5.25E-6	-5.64E-5	-2.47E-5
	CC16	-0.0397	0.2319	-0.1098	-3.27E-6	3.52E-5	-1.56E-5
	CC17	-0.0376	0.2336	-0.1065	-2.94E-6	3.16E-5	2.41E-5
	CC18	0.0394	-0.2527	-0.0799	3.56E-6	-3.83E-5	-1.46E-5
	CC19	0.0415	-0.2509	-0.0765	3.90E-6	-4.18E-5	2.50E-5
	CC20	-0.0170	-0.2294	-0.0959	-4.63E-6	4.97E-5	3.41E-5
	CC21	-0.0149	-0.2277	-0.0925	-4.29E-6	4.62E-5	7.38E-5
388	CC1	0.0012	-0.0103	-0.0948	5.02E-7	-5.39E-6	5.20E-6
	CC2	0.0012	-0.0103	-0.0948	5.02E-7	-5.39E-6	5.20E-6
	CC3	0.0012	-0.0103	-0.0948	5.02E-7	-5.39E-6	5.20E-6
	CC4	0.0012	-0.0097	-0.0921	4.67E-7	-5.01E-6	4.84E-6
	CC5	0.0012	-0.0097	-0.0921	4.67E-7	-5.01E-6	4.84E-6
	CC6	0.0890	0.0200	-0.0708	1.31E-5	-1.41E-4	-9.00E-5
	CC7	0.0906	0.0206	-0.0698	1.34E-5	-1.44E-4	-7.80E-5
	CC8	0.0969	-0.1183	-0.0502	1.34E-5	-1.44E-4	-7.51E-5
	CC9	0.0985	-0.1177	-0.0492	1.37E-5	-1.47E-4	-6.31E-5
	CC10	-0.0960	0.0988	-0.1330	-1.28E-5	1.37E-4	7.26E-5
	CC11	-0.0944	0.0994	-0.1320	-1.25E-5	1.35E-4	8.45E-5
	CC12	-0.0881	-0.0395	-0.1125	-1.25E-5	1.34E-4	8.75E-5
	CC13	-0.0865	-0.0389	-0.1115	-1.22E-5	1.31E-4	9.94E-5
	CC14	0.0131	0.2082	-0.1177	3.46E-6	-3.72E-5	-6.43E-5
	CC15	0.0184	0.2102	-0.1144	4.20E-6	-4.52E-5	-2.47E-5
	CC16	-0.0424	0.2318	-0.1363	-4.30E-6	4.62E-5	-1.56E-5
	CC17	-0.0371	0.2338	-0.1331	-3.56E-6	3.83E-5	2.41E-5
	CC18	0.0396	-0.2527	-0.0492	4.47E-6	-4.81E-5	-1.46E-5

	CC19	0.0449	-0.2507	-0.0459	5.21E-6	-5.60E-5	2.50E-5
	CC20	-0.0159	-0.2291	-0.0679	-3.29E-6	3.54E-5	3.41E-5
	CC21	-0.0106	-0.2271	-0.0646	-2.55E-6	2.74E-5	7.38E-5
389	CC1	-0.0001	-0.0082	-0.1007	-2.42E-5	-5.06E-6	2.49E-6
	CC2	-0.0001	-0.0082	-0.1007	-2.42E-5	-5.06E-6	2.49E-6
	CC3	-0.0001	-0.0082	-0.1007	-2.42E-5	-5.06E-6	2.49E-6
	CC4	0.0000	-0.0077	-0.0976	-2.28E-5	-5.04E-6	2.34E-6
	CC5	0.0000	-0.0077	-0.0976	-2.28E-5	-5.04E-6	2.34E-6
	CC6	0.0839	0.0177	-0.0626	5.34E-5	-1.62E-4	-7.85E-5
	CC7	0.0828	0.0180	-0.0616	5.27E-5	-1.60E-4	-6.82E-5
	CC8	0.0871	-0.0979	-0.0910	-2.18E-4	-1.75E-4	-6.63E-5
	CC9	0.0860	-0.0975	-0.0900	-2.18E-4	-1.72E-4	-5.61E-5
	CC10	-0.0860	0.0824	-0.1031	1.74E-4	1.62E-4	6.06E-5
	CC11	-0.0871	0.0828	-0.1021	1.73E-4	1.65E-4	7.09E-5
	CC12	-0.0827	-0.0331	-0.1315	-9.72E-5	1.50E-4	7.28E-5
	CC13	-0.0839	-0.0328	-0.1305	-9.80E-5	1.52E-4	8.30E-5
	CC14	0.0220	0.1748	-0.0448	4.12E-4	-3.70E-5	-5.58E-5
	CC15	0.0183	0.1759	-0.0414	4.10E-4	-2.92E-5	-2.20E-5
	CC16	-0.0290	0.1942	-0.0569	4.49E-4	6.04E-5	-1.40E-5
	CC17	-0.0326	0.1953	-0.0535	4.46E-4	6.82E-5	1.97E-5
	CC18	0.0327	-0.2104	-0.1396	-4.91E-4	-7.82E-5	-1.52E-5
	CC19	0.0290	-0.2093	-0.1362	-4.93E-4	-7.04E-5	1.86E-5
	CC20	-0.0183	-0.1910	-0.1517	-4.55E-4	1.92E-5	2.66E-5
	CC21	-0.0219	-0.1899	-0.1484	-4.57E-4	2.70E-5	6.03E-5
390	CC1	-0.0006	-0.0063	-0.0994	-2.09E-5	-6.01E-6	1.95E-6
	CC2	-0.0006	-0.0063	-0.0994	-2.09E-5	-6.01E-6	1.95E-6
	CC3	-0.0006	-0.0063	-0.0994	-2.09E-5	-6.01E-6	1.95E-6
	CC4	-0.0005	-0.0059	-0.0964	-1.97E-5	-6.05E-6	1.84E-6
	CC5	-0.0005	-0.0059	-0.0964	-1.97E-5	-6.05E-6	1.84E-6
	CC6	0.0690	0.0126	-0.0634	5.56E-5	-1.76E-4	-6.48E-5
	CC7	0.0681	0.0130	-0.0624	5.44E-5	-1.74E-4	-5.64E-5
	CC8	0.0713	-0.0796	-0.0899	-2.06E-4	-1.85E-4	-5.56E-5
	CC9	0.0705	-0.0792	-0.0889	-2.07E-4	-1.82E-4	-4.72E-5
	CC10	-0.0715	0.0677	-0.1019	1.68E-4	1.70E-4	5.08E-5
	CC11	-0.0723	0.0681	-0.1009	1.67E-4	1.73E-4	5.92E-5
	CC12	-0.0691	-0.0244	-0.1283	-9.29E-5	1.62E-4	6.00E-5
	CC13	-0.0700	-0.0240	-0.1274	-9.41E-5	1.64E-4	6.84E-5
	CC14	0.0181	0.1389	-0.0471	4.01E-4	-4.84E-5	-4.48E-5
	CC15	0.0152	0.1403	-0.0439	3.98E-4	-4.01E-5	-1.69E-5
	CC16	-0.0240	0.1554	-0.0586	4.35E-4	5.56E-5	-1.01E-5
	CC17	-0.0269	0.1569	-0.0555	4.31E-4	6.39E-5	1.78E-5
	CC18	0.0260	-0.1683	-0.1353	-4.70E-4	-7.60E-5	-1.42E-5
	CC19	0.0230	-0.1669	-0.1322	-4.74E-4	-6.77E-5	1.37E-5
	CC20	-0.0162	-0.1518	-0.1469	-4.36E-4	2.80E-5	2.05E-5
	CC21	-0.0191	-0.1503	-0.1437	-4.40E-4	3.63E-5	4.84E-5
391	CC1	-0.0011	-0.0045	-0.0981	-1.82E-5	-3.33E-6	1.46E-6
	CC2	-0.0011	-0.0045	-0.0981	-1.82E-5	-3.33E-6	1.46E-6
	CC3	-0.0011	-0.0045	-0.0981	-1.82E-5	-3.33E-6	1.46E-6
	CC4	-0.0010	-0.0042	-0.0952	-1.71E-5	-3.39E-6	1.38E-6
	CC5	-0.0010	-0.0042	-0.0952	-1.71E-5	-3.39E-6	1.38E-6
	CC6	0.0538	0.0074	-0.0648	5.22E-5	-1.66E-4	-5.09E-5
	CC7	0.0531	0.0079	-0.0639	5.11E-5	-1.64E-4	-4.43E-5
	CC8	0.0554	-0.0625	-0.0884	-1.91E-4	-1.73E-4	-4.46E-5
	CC9	0.0548	-0.0620	-0.0875	-1.92E-4	-1.71E-4	-3.80E-5
	CC10	-0.0566	0.0537	-0.1009	1.58E-4	1.64E-4	4.07E-5
	CC11	-0.0573	0.0542	-0.1000	1.57E-4	1.67E-4	4.73E-5
	CC12	-0.0550	-0.0162	-0.1244	-8.45E-5	1.57E-4	4.70E-5
	CC13	-0.0556	-0.0157	-0.1235	-8.56E-5	1.59E-4	5.36E-5
	CC14	0.0139	0.1045	-0.0510	3.74E-4	-4.45E-5	-3.38E-5
	CC15	0.0117	0.1063	-0.0480	3.70E-4	-3.66E-5	-1.19E-5
	CC16	-0.0192	0.1184	-0.0618	4.06E-4	5.46E-5	-6.35E-6
	CC17	-0.0214	0.1202	-0.0589	4.02E-4	6.25E-5	1.56E-5
	CC18	0.0195	-0.1285	-0.1295	-4.36E-4	-6.93E-5	-1.28E-5
	CC19	0.0173	-0.1267	-0.1265	-4.39E-4	-6.14E-5	9.06E-6
	CC20	-0.0136	-0.1146	-0.1403	-4.04E-4	2.98E-5	1.46E-5
	CC21	-0.0158	-0.1128	-0.1373	-4.08E-4	3.77E-5	3.65E-5
392	CC1	0.0009	-0.0079	-0.0925	-2.49E-5	-7.01E-6	3.29E-6
	CC2	0.0009	-0.0079	-0.0925	-2.49E-5	-7.01E-6	3.29E-6
	CC3	0.0009	-0.0079	-0.0925	-2.49E-5	-7.01E-6	3.29E-6
	CC4	0.0009	-0.0074	-0.0898	-2.34E-5	-6.67E-6	3.03E-6
	CC5	0.0009	-0.0074	-0.0898	-2.34E-5	-6.67E-6	3.03E-6
	CC6	0.0747	0.0155	-0.0713	5.11E-5	-1.49E-4	-8.01E-5

	CC7	0.0769	0.0162	-0.0702	5.05E-5	-1.53E-4	-6.97E-5
	CC8	0.0819	-0.0992	-0.0352	-2.25E-4	-1.65E-4	-5.80E-5
	CC9	0.0841	-0.0986	-0.0342	-2.26E-4	-1.69E-4	-4.77E-5
	CC10	-0.0822	0.0840	-0.1438	1.80E-4	1.56E-4	5.36E-5
	CC11	-0.0800	0.0847	-0.1427	1.79E-4	1.52E-4	6.39E-5
	CC12	-0.0750	-0.0307	-0.1077	-9.64E-5	1.40E-4	7.56E-5
	CC13	-0.0728	-0.0300	-0.1066	-9.69E-5	1.36E-4	8.59E-5
	CC14	0.0088	0.1726	-0.1400	4.19E-4	-1.82E-5	-7.09E-5
	CC15	0.0161	0.1747	-0.1364	4.17E-4	-3.16E-5	-3.68E-5
	CC16	-0.0383	0.1931	-0.1617	4.58E-4	7.33E-5	-3.08E-5
	CC17	-0.0309	0.1953	-0.1581	4.56E-4	5.99E-5	3.34E-6
	CC18	0.0328	-0.2098	-0.0198	-5.02E-4	-7.31E-5	2.55E-6
	CC19	0.0401	-0.2076	-0.0162	-5.04E-4	-8.64E-5	3.67E-5
	CC20	-0.0143	-0.1892	-0.0415	-4.63E-4	1.85E-5	4.26E-5
	CC21	-0.0069	-0.1871	-0.0379	-4.65E-4	5.11E-6	7.68E-5
393	CC1	0.0003	-0.0059	-0.0923	-2.20E-5	-6.09E-6	2.95E-6
	CC2	0.0003	-0.0059	-0.0923	-2.20E-5	-6.09E-6	2.95E-6
	CC3	0.0003	-0.0059	-0.0923	-2.20E-5	-6.09E-6	2.95E-6
	CC4	0.0004	-0.0055	-0.0896	-2.07E-5	-5.99E-6	2.78E-6
	CC5	0.0004	-0.0055	-0.0896	-2.07E-5	-5.99E-6	2.78E-6
	CC6	0.0624	0.0112	-0.0705	4.56E-5	-1.36E-4	-6.52E-5
	CC7	0.0643	0.0118	-0.0694	4.52E-5	-1.40E-4	-5.67E-5
	CC8	0.0677	-0.0807	-0.0368	-2.00E-4	-1.57E-4	-4.67E-5
	CC9	0.0696	-0.0800	-0.0357	-2.00E-4	-1.61E-4	-3.83E-5
	CC10	-0.0688	0.0693	-0.1418	1.60E-4	1.49E-4	4.37E-5
	CC11	-0.0670	0.0700	-0.1407	1.59E-4	1.45E-4	5.22E-5
	CC12	-0.0635	-0.0225	-0.1081	-8.58E-5	1.28E-4	6.22E-5
	CC13	-0.0616	-0.0219	-0.1069	-8.62E-5	1.24E-4	7.06E-5
	CC14	0.0081	0.1379	-0.1361	3.73E-4	-7.29E-6	-5.84E-5
	CC15	0.0143	0.1401	-0.1324	3.71E-4	-2.03E-5	-3.04E-5
	CC16	-0.0313	0.1553	-0.1575	4.07E-4	7.82E-5	-2.57E-5
	CC17	-0.0251	0.1575	-0.1537	4.06E-4	6.53E-5	2.25E-6
	CC18	0.0259	-0.1682	-0.0237	-4.46E-4	-7.72E-5	3.19E-6
	CC19	0.0320	-0.1660	-0.0200	-4.47E-4	-9.01E-5	3.12E-5
	CC20	-0.0135	-0.1508	-0.0451	-4.12E-4	8.36E-6	3.59E-5
	CC21	-0.0073	-0.1486	-0.0413	-4.13E-4	-4.61E-6	6.38E-5
394	CC1	-0.0002	-0.0041	-0.0920	-1.85E-5	-4.41E-6	2.29E-6
	CC2	-0.0002	-0.0041	-0.0920	-1.85E-5	-4.41E-6	2.29E-6
	CC3	-0.0002	-0.0041	-0.0920	-1.85E-5	-4.41E-6	2.29E-6
	CC4	-0.0001	-0.0038	-0.0893	-1.73E-5	-4.38E-6	2.20E-6
	CC5	-0.0001	-0.0038	-0.0893	-1.73E-5	-4.38E-6	2.20E-6
	CC6	0.0499	0.0067	-0.0703	5.21E-5	-1.48E-4	-4.80E-5
	CC7	0.0514	0.0074	-0.0691	5.15E-5	-1.53E-4	-4.16E-5
	CC8	0.0535	-0.0632	-0.0395	-2.07E-4	-1.69E-4	-3.77E-5
	CC9	0.0550	-0.0625	-0.0384	-2.08E-4	-1.74E-4	-3.14E-5
	CC10	-0.0552	0.0551	-0.1385	1.74E-4	1.65E-4	3.57E-5
	CC11	-0.0537	0.0558	-0.1373	1.73E-4	1.61E-4	4.21E-5
	CC12	-0.0515	-0.0148	-0.1077	-8.53E-5	1.44E-4	4.60E-5
	CC13	-0.0501	-0.0141	-0.1066	-8.60E-5	1.39E-4	5.23E-5
	CC14	0.0072	0.1044	-0.1313	3.98E-4	-8.30E-6	-3.80E-5
	CC15	0.0120	0.1067	-0.1276	3.96E-4	-2.35E-5	-1.69E-5
	CC16	-0.0244	0.1189	-0.1517	4.35E-4	8.57E-5	-1.29E-5
	CC17	-0.0195	0.1213	-0.1480	4.33E-4	7.05E-5	8.18E-6
	CC18	0.0193	-0.1287	-0.0288	-4.66E-4	-7.93E-5	-3.84E-6
	CC19	0.0242	-0.1264	-0.0251	-4.68E-4	-9.45E-5	1.72E-5
	CC20	-0.0122	-0.1141	-0.0493	-4.30E-4	1.48E-5	2.13E-5
	CC21	-0.0073	-0.1118	-0.0456	-4.32E-4	-4.28E-7	4.23E-5
395	CC1	0.0018	-0.0091	-0.0967	-3.36E-5	-1.87E-6	-1.27E-5
	CC2	0.0018	-0.0091	-0.0967	-3.36E-5	-1.87E-6	-1.27E-5
	CC3	0.0018	-0.0091	-0.0967	-3.36E-5	-1.87E-6	-1.27E-5
	CC4	0.0019	-0.0084	-0.0939	-3.13E-5	-1.74E-6	-1.23E-5
	CC5	0.0019	-0.0084	-0.0939	-3.13E-5	-1.74E-6	-1.23E-5
	CC6	0.0870	0.0708	-0.0945	8.63E-5	4.79E-6	-1.07E-4
	CC7	0.0897	0.0662	-0.0939	7.89E-5	4.38E-6	-9.49E-5
	CC8	0.0962	-0.0739	-0.0801	-1.82E-4	-1.01E-5	-9.20E-5
	CC9	0.0988	-0.0786	-0.0795	-1.89E-4	-1.05E-5	-8.00E-5
	CC10	-0.0950	0.0622	-0.1064	1.28E-4	7.13E-6	5.56E-5
	CC11	-0.0924	0.0576	-0.1058	1.21E-4	6.72E-6	6.76E-5
	CC12	-0.0859	-0.0825	-0.0920	-1.40E-4	-7.77E-6	7.05E-5
	CC13	-0.0832	-0.0871	-0.0914	-1.47E-4	-8.18E-6	8.25E-5
	CC14	0.0096	0.2420	-0.1162	4.23E-4	2.35E-5	-8.13E-5
	CC15	0.0183	0.2268	-0.1143	3.98E-4	2.21E-5	-4.16E-5

	CC16	-0.0451	0.2395	-0.1197	4.35E-4	2.42E-5	-3.25E-5
	CC17	-0.0364	0.2242	-0.1178	4.11E-4	2.28E-5	7.16E-6
	CC18	0.0402	-0.2405	-0.0681	-4.72E-4	-2.62E-5	-3.16E-5
	CC19	0.0489	-0.2558	-0.0662	-4.96E-4	-2.76E-5	8.09E-6
	CC20	-0.0145	-0.2431	-0.0716	-4.59E-4	-2.55E-5	1.72E-5
	CC21	-0.0058	-0.2584	-0.0697	-4.84E-4	-2.68E-5	5.69E-5
396	CC1	0.0018	-0.0082	-0.0974	-3.86E-5	-2.14E-6	-1.05E-5
	CC2	0.0018	-0.0082	-0.0974	-3.86E-5	-2.14E-6	-1.05E-5
	CC3	0.0018	-0.0082	-0.0974	-3.86E-5	-2.14E-6	-1.05E-5
	CC4	0.0019	-0.0074	-0.0946	-3.60E-5	-2.00E-6	-1.01E-5
	CC5	0.0019	-0.0074	-0.0946	-3.60E-5	-2.00E-6	-1.01E-5
	CC6	0.0869	0.0728	-0.1045	8.27E-5	4.59E-6	-1.05E-4
	CC7	0.0896	0.0671	-0.1041	7.37E-5	4.09E-6	-9.27E-5
	CC8	0.0962	-0.0733	-0.0904	-1.81E-4	-1.00E-5	-8.98E-5
	CC9	0.0989	-0.0790	-0.0900	-1.90E-4	-1.05E-5	-7.78E-5
	CC10	-0.0950	0.0646	-0.0974	1.20E-4	6.64E-6	5.79E-5
	CC11	-0.0923	0.0589	-0.0971	1.11E-4	6.14E-6	6.98E-5
	CC12	-0.0857	-0.0815	-0.0833	-1.44E-4	-7.98E-6	7.28E-5
	CC13	-0.0831	-0.0872	-0.0830	-1.53E-4	-8.49E-6	8.47E-5
	CC14	0.0094	0.2470	-0.1189	4.14E-4	2.30E-5	-7.90E-5
	CC15	0.0183	0.2281	-0.1176	3.84E-4	2.13E-5	-3.94E-5
	CC16	-0.0452	0.2445	-0.1168	4.25E-4	2.36E-5	-3.03E-5
	CC17	-0.0363	0.2257	-0.1155	3.95E-4	2.19E-5	9.39E-6
	CC18	0.0402	-0.2401	-0.0719	-4.65E-4	-2.58E-5	-2.93E-5
	CC19	0.0491	-0.2589	-0.0706	-4.95E-4	-2.75E-5	1.03E-5
	CC20	-0.0144	-0.2425	-0.0698	-4.54E-4	-2.52E-5	1.94E-5
	CC21	-0.0055	-0.2614	-0.0685	-4.84E-4	-2.68E-5	5.91E-5
397	CC1	0.0019	-0.0074	-0.0982	-4.53E-5	-2.51E-6	-6.36E-6
	CC2	0.0019	-0.0074	-0.0982	-4.53E-5	-2.51E-6	-6.36E-6
	CC3	0.0019	-0.0074	-0.0982	-4.53E-5	-2.51E-6	-6.36E-6
	CC4	0.0020	-0.0068	-0.0954	-4.23E-5	-2.35E-6	-6.04E-6
	CC5	0.0020	-0.0068	-0.0954	-4.23E-5	-2.35E-6	-6.04E-6
	CC6	0.0869	0.0819	-0.1135	6.57E-5	3.65E-6	-1.01E-4
	CC7	0.0896	0.0751	-0.1134	5.58E-5	3.10E-6	-8.87E-5
	CC8	0.0962	-0.0656	-0.0995	-1.83E-4	-1.02E-5	-8.58E-5
	CC9	0.0989	-0.0724	-0.0993	-1.93E-4	-1.07E-5	-7.38E-5
	CC10	-0.0949	0.0593	-0.0897	1.10E-4	6.13E-6	6.19E-5
	CC11	-0.0922	0.0525	-0.0896	1.00E-4	5.58E-6	7.39E-5
	CC12	-0.0856	-0.0881	-0.0757	-1.39E-4	-7.69E-6	7.68E-5
	CC13	-0.0828	-0.0949	-0.0755	-1.48E-4	-8.24E-6	8.88E-5
	CC14	0.0092	0.2538	-0.1218	3.83E-4	2.13E-5	-7.50E-5
	CC15	0.0183	0.2314	-0.1212	3.50E-4	1.95E-5	-3.53E-5
	CC16	-0.0453	0.2471	-0.1146	3.97E-4	2.20E-5	-2.62E-5
	CC17	-0.0362	0.2246	-0.1141	3.64E-4	2.02E-5	1.34E-5
	CC18	0.0403	-0.2377	-0.0749	-4.47E-4	-2.48E-5	-2.53E-5
	CC19	0.0494	-0.2601	-0.0744	-4.79E-4	-2.66E-5	1.44E-5
	CC20	-0.0143	-0.2445	-0.0678	-4.33E-4	-2.40E-5	2.35E-5
	CC21	-0.0052	-0.2669	-0.0673	-4.66E-4	-2.59E-5	6.31E-5
398	CC1	0.0011	-0.0066	-0.0953	-1.54E-5	1.95E-6	-7.60E-6
	CC2	0.0011	-0.0066	-0.0953	-1.54E-5	1.95E-6	-7.60E-6
	CC3	0.0011	-0.0066	-0.0953	-1.54E-5	1.95E-6	-7.60E-6
	CC4	0.0011	-0.0061	-0.0925	-1.41E-5	1.66E-6	-7.47E-6
	CC5	0.0011	-0.0061	-0.0925	-1.41E-5	1.66E-6	-7.47E-6
	CC6	0.0738	0.0463	-0.0871	1.32E-4	-4.75E-5	-8.65E-5
	CC7	0.0760	0.0433	-0.0864	1.23E-4	-5.43E-5	-7.64E-5
	CC8	0.0809	-0.0760	-0.0721	-1.82E-4	-9.69E-5	-7.74E-5
	CC9	0.0831	-0.0791	-0.0714	-1.91E-4	-1.04E-4	-6.73E-5
	CC10	-0.0808	0.0672	-0.1118	1.63E-4	1.07E-4	5.25E-5
	CC11	-0.0786	0.0642	-0.1111	1.55E-4	1.00E-4	6.26E-5
	CC12	-0.0737	-0.0551	-0.0969	-1.51E-4	5.74E-5	6.15E-5
	CC13	-0.0715	-0.0581	-0.0962	-1.59E-4	5.07E-5	7.16E-5
	CC14	0.0089	0.1998	-0.1139	5.19E-4	7.19E-5	-6.01E-5
	CC15	0.0161	0.1898	-0.1117	4.91E-4	4.96E-5	-2.66E-5
	CC16	-0.0374	0.2061	-0.1214	5.28E-4	1.18E-4	-1.84E-5
	CC17	-0.0302	0.1961	-0.1191	5.01E-4	9.59E-5	1.51E-5
	CC18	0.0325	-0.2080	-0.0641	-5.28E-4	-9.27E-5	-2.99E-5
	CC19	0.0398	-0.2180	-0.0619	-5.56E-4	-1.15E-4	3.53E-6
	CC20	-0.0138	-0.2017	-0.0716	-5.19E-4	-4.64E-5	1.18E-5
	CC21	-0.0066	-0.2117	-0.0693	-5.46E-4	-6.87E-5	4.52E-5
399	CC1	0.0006	-0.0052	-0.0946	-1.74E-5	-3.65E-6	-7.57E-6
	CC2	0.0006	-0.0052	-0.0946	-1.74E-5	-3.65E-6	-7.57E-6
	CC3	0.0006	-0.0052	-0.0946	-1.74E-5	-3.65E-6	-7.57E-6

	CC4	0.0006	-0.0048	-0.0918	-1.60E-5	-3.52E-6	-7.39E-6
	CC5	0.0006	-0.0048	-0.0918	-1.60E-5	-3.52E-6	-7.39E-6
	CC6	0.0614	0.0546	-0.0876	1.18E-4	-7.28E-5	-7.22E-5
	CC7	0.0632	0.0523	-0.0869	1.09E-4	-7.78E-5	-6.40E-5
	CC8	0.0664	-0.0419	-0.0732	-1.67E-4	-8.79E-5	-6.56E-5
	CC9	0.0682	-0.0442	-0.0726	-1.75E-4	-9.30E-5	-5.74E-5
	CC10	-0.0669	0.0349	-0.1092	1.44E-4	8.60E-5	4.27E-5
	CC11	-0.0651	0.0327	-0.1086	1.36E-4	8.10E-5	5.10E-5
	CC12	-0.0619	-0.0615	-0.0949	-1.40E-4	7.08E-5	4.93E-5
	CC13	-0.0601	-0.0638	-0.0943	-1.49E-4	6.58E-5	5.76E-5
	CC14	0.0086	0.1628	-0.1126	4.69E-4	6.31E-6	-4.92E-5
	CC15	0.0146	0.1553	-0.1106	4.41E-4	-1.03E-5	-2.19E-5
	CC16	-0.0299	0.1569	-0.1191	4.77E-4	5.39E-5	-1.48E-5
	CC17	-0.0239	0.1494	-0.1171	4.49E-4	3.73E-5	1.26E-5
	CC18	0.0252	-0.1587	-0.0647	-4.80E-4	-4.43E-5	-2.73E-5
	CC19	0.0311	-0.1662	-0.0627	-5.08E-4	-6.09E-5	9.18E-8
	CC20	-0.0133	-0.1646	-0.0712	-4.72E-4	3.36E-6	7.22E-6
	CC21	-0.0073	-0.1721	-0.0692	-5.00E-4	-1.33E-5	3.46E-5
400	CC1	0.0002	-0.0041	-0.0938	-6.96E-6	5.99E-6	-6.02E-6
	CC2	0.0002	-0.0041	-0.0938	-6.96E-6	5.99E-6	-6.02E-6
	CC3	0.0002	-0.0041	-0.0938	-6.96E-6	5.99E-6	-6.02E-6
	CC4	0.0002	-0.0038	-0.0911	-6.14E-6	5.65E-6	-5.87E-6
	CC5	0.0002	-0.0038	-0.0911	-6.14E-6	5.65E-6	-5.87E-6
	CC6	0.0492	0.0418	-0.0876	1.31E-4	-4.76E-5	-5.59E-5
	CC7	0.0507	0.0403	-0.0871	1.23E-4	-5.36E-5	-4.94E-5
	CC8	0.0525	-0.0293	-0.0741	-1.61E-4	-7.66E-5	-5.28E-5
	CC9	0.0539	-0.0308	-0.0736	-1.69E-4	-8.26E-5	-4.64E-5
	CC10	-0.0534	0.0234	-0.1068	1.58E-4	9.37E-5	3.47E-5
	CC11	-0.0520	0.0219	-0.1062	1.49E-4	8.77E-5	4.12E-5
	CC12	-0.0502	-0.0476	-0.0932	-1.35E-4	6.47E-5	3.78E-5
	CC13	-0.0487	-0.0491	-0.0927	-1.43E-4	5.87E-5	4.42E-5
	CC14	0.0079	0.1199	-0.1107	4.91E-4	4.27E-5	-3.51E-5
	CC15	0.0127	0.1149	-0.1089	4.63E-4	2.28E-5	-1.38E-5
	CC16	-0.0229	0.1144	-0.1165	4.99E-4	8.51E-5	-7.93E-6
	CC17	-0.0181	0.1094	-0.1146	4.71E-4	6.52E-5	1.34E-5
	CC18	0.0186	-0.1168	-0.0657	-4.83E-4	-5.41E-5	-2.50E-5
	CC19	0.0234	-0.1218	-0.0639	-5.11E-4	-7.40E-5	-3.71E-6
	CC20	-0.0122	-0.1223	-0.0714	-4.75E-4	-1.18E-5	2.16E-6
	CC21	-0.0074	-0.1273	-0.0696	-5.03E-4	-3.16E-5	2.35E-5
401	CC1	0.0013	-0.0029	-0.0979	-3.30E-5	-6.02E-6	-2.34E-6
	CC2	0.0013	-0.0029	-0.0979	-3.30E-5	-6.02E-6	-2.34E-6
	CC3	0.0013	-0.0029	-0.0979	-3.30E-5	-6.02E-6	-2.34E-6
	CC4	0.0014	-0.0025	-0.0952	-3.08E-5	-6.15E-6	-2.22E-6
	CC5	0.0014	-0.0025	-0.0952	-3.08E-5	-6.15E-6	-2.22E-6
	CC6	0.0747	0.0817	-0.1212	8.04E-5	-1.43E-4	-8.71E-5
	CC7	0.0771	0.0749	-0.1212	6.44E-5	-1.48E-4	-7.67E-5
	CC8	0.0823	-0.0474	-0.1073	-2.19E-4	-1.66E-4	-6.92E-5
	CC9	0.0847	-0.0543	-0.1073	-2.35E-4	-1.71E-4	-5.87E-5
	CC10	-0.0820	0.0496	-0.0813	1.75E-4	1.59E-4	5.44E-5
	CC11	-0.0796	0.0428	-0.0814	1.59E-4	1.54E-4	6.49E-5
	CC12	-0.0744	-0.0795	-0.0674	-1.25E-4	1.35E-4	7.23E-5
	CC13	-0.0720	-0.0863	-0.0674	-1.41E-4	1.30E-4	8.28E-5
	CC14	0.0082	0.2290	-0.1235	4.81E-4	-4.42E-6	-7.06E-5
	CC15	0.0162	0.2064	-0.1235	4.28E-4	-2.03E-5	-3.59E-5
	CC16	-0.0388	0.2194	-0.1115	5.10E-4	8.60E-5	-2.81E-5
	CC17	-0.0309	0.1967	-0.1116	4.57E-4	7.01E-5	6.51E-6
	CC18	0.0336	-0.2014	-0.0770	-5.17E-4	-8.25E-5	-1.09E-5
	CC19	0.0416	-0.2240	-0.0771	-5.70E-4	-9.84E-5	2.38E-5
	CC20	-0.0134	-0.2110	-0.0651	-4.88E-4	7.94E-6	3.16E-5
	CC21	-0.0054	-0.2336	-0.0651	-5.41E-4	-7.96E-6	6.62E-5
402	CC1	0.0009	-0.0010	-0.0966	-1.06E-5	-2.66E-6	-3.11E-6
	CC2	0.0009	-0.0010	-0.0966	-1.06E-5	-2.66E-6	-3.11E-6
	CC3	0.0009	-0.0010	-0.0966	-1.06E-5	-2.66E-6	-3.11E-6
	CC4	0.0010	-0.0007	-0.0939	-9.51E-6	-2.84E-6	-2.96E-6
	CC5	0.0010	-0.0007	-0.0939	-9.51E-6	-2.84E-6	-2.96E-6
	CC6	0.0623	0.0638	-0.1184	1.13E-4	-1.42E-4	-6.92E-5
	CC7	0.0642	0.0585	-0.1183	9.42E-5	-1.47E-4	-6.08E-5
	CC8	0.0677	-0.0366	-0.1047	-2.32E-4	-1.66E-4	-5.98E-5
	CC9	0.0697	-0.0418	-0.1046	-2.51E-4	-1.71E-4	-5.15E-5
	CC10	-0.0677	0.0405	-0.0814	2.33E-4	1.65E-4	4.57E-5
	CC11	-0.0658	0.0352	-0.0814	2.14E-4	1.60E-4	5.40E-5
	CC12	-0.0623	-0.0598	-0.0677	-1.12E-4	1.41E-4	5.50E-5

	CC13	-0.0603	-0.0651	-0.0677	-1.31E-4	1.36E-4	6.33E-5
	CC14	0.0081	0.1787	-0.1215	5.80E-4	-5.42E-7	-4.95E-5
	CC15	0.0146	0.1614	-0.1213	5.16E-4	-1.67E-5	-2.20E-5
	CC16	-0.0309	0.1718	-0.1104	6.15E-4	9.17E-5	-1.51E-5
	CC17	-0.0244	0.1544	-0.1102	5.52E-4	7.55E-5	1.24E-5
	CC18	0.0264	-0.1557	-0.0758	-5.71E-4	-8.13E-5	-1.83E-5
	CC19	0.0329	-0.1731	-0.0756	-6.34E-4	-9.75E-5	9.23E-6
	CC20	-0.0126	-0.1627	-0.0647	-5.35E-4	1.09E-5	1.62E-5
	CC21	-0.0061	-0.1800	-0.0645	-5.98E-4	-5.27E-6	4.37E-5
403	CC1	0.0007	-0.0007	-0.0952	2.37E-6	-2.05E-6	-1.29E-6
	CC2	0.0007	-0.0007	-0.0952	2.37E-6	-2.05E-6	-1.29E-6
	CC3	0.0007	-0.0007	-0.0952	2.37E-6	-2.05E-6	-1.29E-6
	CC4	0.0008	-0.0005	-0.0926	2.88E-6	-2.21E-6	-1.21E-6
	CC5	0.0008	-0.0005	-0.0926	2.88E-6	-2.21E-6	-1.21E-6
	CC6	0.0499	0.0459	-0.1149	2.01E-4	-1.38E-4	-4.86E-5
	CC7	0.0515	0.0422	-0.1148	1.85E-4	-1.43E-4	-4.24E-5
	CC8	0.0534	-0.0257	-0.1013	-9.22E-5	-1.58E-4	-4.80E-5
	CC9	0.0550	-0.0293	-0.1012	-1.08E-4	-1.63E-4	-4.18E-5
	CC10	-0.0534	0.0285	-0.0822	1.14E-4	1.58E-4	3.95E-5
	CC11	-0.0519	0.0248	-0.0821	9.83E-5	1.54E-4	4.57E-5
	CC12	-0.0499	-0.0431	-0.0686	-1.79E-4	1.38E-4	4.00E-5
	CC13	-0.0484	-0.0467	-0.0685	-1.95E-4	1.34E-4	4.62E-5
	CC14	0.0078	0.1275	-0.1195	5.31E-4	-6.51E-6	-2.55E-5
	CC15	0.0130	0.1153	-0.1191	4.79E-4	-2.15E-5	-5.07E-6
	CC16	-0.0232	0.1223	-0.1097	5.05E-4	8.25E-5	8.95E-7
	CC17	-0.0180	0.1101	-0.1093	4.53E-4	6.75E-5	2.13E-5
	CC18	0.0196	-0.1110	-0.0741	-4.47E-4	-7.20E-5	-2.37E-5
	CC19	0.0247	-0.1231	-0.0737	-4.99E-4	-8.70E-5	-3.26E-6
	CC20	-0.0114	-0.1162	-0.0643	-4.73E-4	1.70E-5	2.71E-6
	CC21	-0.0063	-0.1284	-0.0639	-5.25E-4	1.99E-6	2.32E-5
404	CC1	0.0023	-0.0073	-0.1161	-4.00E-5	-5.13E-6	-4.95E-6
	CC2	0.0023	-0.0073	-0.1161	-4.00E-5	-5.13E-6	-4.95E-6
	CC3	0.0023	-0.0073	-0.1161	-4.00E-5	-5.13E-6	-4.95E-6
	CC4	0.0023	-0.0067	-0.1133	-3.64E-5	-5.37E-6	-4.69E-6
	CC5	0.0023	-0.0067	-0.1133	-3.64E-5	-5.37E-6	-4.69E-6
	CC6	0.0871	0.1550	-0.1420	1.25E-4	-1.18E-4	-9.93E-5
	CC7	0.0899	0.1389	-0.1413	1.11E-4	-1.21E-4	-8.73E-5
	CC8	0.0965	-0.0040	-0.1277	-4.31E-5	-1.27E-4	-8.44E-5
	CC9	0.0993	-0.0201	-0.1270	-5.73E-5	-1.31E-4	-7.24E-5
	CC10	-0.0945	0.0072	-0.0976	-1.32E-5	1.20E-4	6.32E-5
	CC11	-0.0917	-0.0089	-0.0969	-2.74E-5	1.16E-4	7.52E-5
	CC12	-0.0851	-0.1518	-0.0834	-1.81E-4	1.10E-4	7.81E-5
	CC13	-0.0823	-0.1679	-0.0826	-1.96E-4	1.07E-4	9.01E-5
	CC14	0.0093	0.3073	-0.1440	2.89E-4	-1.94E-5	-7.37E-5
	CC15	0.0186	0.2541	-0.1415	2.42E-4	-3.10E-5	-3.40E-5
	CC16	-0.0452	0.2629	-0.1307	2.48E-4	5.19E-5	-2.49E-5
	CC17	-0.0359	0.2098	-0.1282	2.01E-4	4.03E-5	1.48E-5
	CC18	0.0406	-0.2227	-0.0964	-2.71E-4	-5.12E-5	-2.40E-5
	CC19	0.0499	-0.2759	-0.0939	-3.18E-4	-6.28E-5	1.57E-5
	CC20	-0.0139	-0.2671	-0.0831	-3.13E-4	2.02E-5	2.48E-5
	CC21	-0.0046	-0.3202	-0.0806	-3.60E-4	8.55E-6	6.45E-5
405	CC1	0.0022	-0.0078	-0.1157	-4.35E-5	-3.75E-6	-5.22E-6
	CC2	0.0022	-0.0078	-0.1157	-4.35E-5	-3.75E-6	-5.22E-6
	CC3	0.0022	-0.0078	-0.1157	-4.35E-5	-3.75E-6	-5.22E-6
	CC4	0.0022	-0.0071	-0.1128	-3.99E-5	-4.02E-6	-4.99E-6
	CC5	0.0022	-0.0071	-0.1128	-3.99E-5	-4.02E-6	-4.99E-6
	CC6	0.0870	0.1461	-0.1322	1.39E-4	-1.16E-4	-9.96E-5
	CC7	0.0898	0.1311	-0.1311	1.24E-4	-1.20E-4	-8.77E-5
	CC8	0.0964	-0.0116	-0.1169	-4.89E-5	-1.28E-4	-8.47E-5
	CC9	0.0992	-0.0266	-0.1158	-6.46E-5	-1.32E-4	-7.27E-5
	CC10	-0.0946	0.0128	-0.1079	-1.27E-5	1.24E-4	6.29E-5
	CC11	-0.0918	-0.0022	-0.1069	-2.85E-5	1.20E-4	7.49E-5
	CC12	-0.0852	-0.1449	-0.0927	-2.01E-4	1.11E-4	7.78E-5
	CC13	-0.0824	-0.1599	-0.0916	-2.17E-4	1.08E-4	8.98E-5
	CC14	0.0092	0.3006	-0.1427	3.24E-4	-1.28E-5	-7.40E-5
	CC15	0.0185	0.2511	-0.1391	2.72E-4	-2.56E-5	-3.43E-5
	CC16	-0.0453	0.2607	-0.1355	2.78E-4	5.91E-5	-2.52E-5
	CC17	-0.0360	0.2111	-0.1319	2.26E-4	4.63E-5	1.44E-5
	CC18	0.0405	-0.2249	-0.0919	-3.03E-4	-5.45E-5	-2.43E-5
	CC19	0.0498	-0.2745	-0.0883	-3.56E-4	-6.74E-5	1.54E-5
	CC20	-0.0140	-0.2649	-0.0847	-3.49E-4	1.74E-5	2.45E-5
	CC21	-0.0047	-0.3144	-0.0811	-4.01E-4	4.58E-6	6.41E-5

406	CC1	0.0021	-0.0082	-0.1154	-5.27E-5	-2.49E-6	-3.49E-6
	CC2	0.0021	-0.0082	-0.1154	-5.27E-5	-2.49E-6	-3.49E-6
	CC3	0.0021	-0.0082	-0.1154	-5.27E-5	-2.49E-6	-3.49E-6
	CC4	0.0022	-0.0075	-0.1125	-4.86E-5	-2.83E-6	-3.36E-6
	CC5	0.0022	-0.0075	-0.1125	-4.86E-5	-2.83E-6	-3.36E-6
	CC6	0.0869	0.1372	-0.1283	1.18E-4	-1.11E-4	-9.80E-5
	CC7	0.0897	0.1233	-0.1268	1.03E-4	-1.15E-4	-8.61E-5
	CC8	0.0963	-0.0191	-0.1118	-5.63E-5	-1.27E-4	-8.31E-5
	CC9	0.0991	-0.0330	-0.1104	-7.06E-5	-1.31E-4	-7.11E-5
	CC10	-0.0947	0.0184	-0.1128	-2.39E-5	1.25E-4	6.45E-5
	CC11	-0.0919	0.0045	-0.1113	-3.82E-5	1.21E-4	7.65E-5
	CC12	-0.0853	-0.1379	-0.0963	-1.98E-4	1.10E-4	7.94E-5
	CC13	-0.0825	-0.1518	-0.0949	-2.12E-4	1.06E-4	9.14E-5
	CC14	0.0091	0.2941	-0.1437	2.88E-4	-6.63E-6	-7.24E-5
	CC15	0.0184	0.2481	-0.1389	2.40E-4	-1.99E-5	-3.27E-5
	CC16	-0.0454	0.2585	-0.1391	2.45E-4	6.42E-5	-2.36E-5
	CC17	-0.0361	0.2124	-0.1343	1.98E-4	5.10E-5	1.60E-5
	CC18	0.0404	-0.2270	-0.0889	-2.92E-4	-5.69E-5	-2.27E-5
	CC19	0.0497	-0.2730	-0.0841	-3.40E-4	-7.01E-5	1.70E-5
	CC20	-0.0140	-0.2626	-0.0842	-3.35E-4	1.40E-5	2.61E-5
	CC21	-0.0048	-0.3086	-0.0794	-3.82E-4	7.39E-7	6.57E-5
407	CC1	0.0019	-0.0045	-0.1152	-1.58E-5	-4.12E-6	-3.03E-6
	CC2	0.0019	-0.0045	-0.1152	-1.58E-5	-4.12E-6	-3.03E-6
	CC3	0.0019	-0.0045	-0.1152	-1.58E-5	-4.12E-6	-3.03E-6
	CC4	0.0019	-0.0041	-0.1124	-1.41E-5	-4.35E-6	-2.77E-6
	CC5	0.0019	-0.0041	-0.1124	-1.41E-5	-4.35E-6	-2.77E-6
	CC6	0.0755	0.1458	-0.1501	3.20E-4	-1.46E-4	-9.56E-5
	CC7	0.0780	0.1307	-0.1497	2.87E-4	-1.51E-4	-8.42E-5
	CC8	0.0834	0.0052	-0.1371	-4.23E-6	-1.69E-4	-7.29E-5
	CC9	0.0858	-0.0100	-0.1367	-3.72E-5	-1.74E-4	-6.14E-5
	CC10	-0.0819	0.0020	-0.0864	1.00E-5	1.65E-4	5.61E-5
	CC11	-0.0795	-0.0132	-0.0859	-2.30E-5	1.60E-4	6.75E-5
	CC12	-0.0740	-0.1387	-0.0734	-3.14E-4	1.42E-4	7.88E-5
	CC13	-0.0716	-0.1538	-0.0729	-3.47E-4	1.37E-4	9.02E-5
	CC14	0.0084	0.2771	-0.1435	6.28E-4	-4.86E-6	-8.23E-5
	CC15	0.0165	0.2269	-0.1420	5.19E-4	-2.13E-5	-4.43E-5
	CC16	-0.0388	0.2339	-0.1244	5.35E-4	8.83E-5	-3.67E-5
	CC17	-0.0308	0.1838	-0.1229	4.26E-4	7.18E-5	1.19E-6
	CC18	0.0347	-0.1918	-0.1002	-4.53E-4	-8.07E-5	-6.57E-6
	CC19	0.0427	-0.2419	-0.0986	-5.62E-4	-9.71E-5	3.14E-5
	CC20	-0.0126	-0.2349	-0.0810	-5.46E-4	1.25E-5	3.89E-5
	CC21	-0.0045	-0.2851	-0.0795	-6.55E-4	-4.01E-6	7.69E-5
408	CC1	0.0015	-0.0037	-0.1137	-5.14E-6	-4.11E-6	-1.91E-6
	CC2	0.0015	-0.0037	-0.1137	-5.14E-6	-4.11E-6	-1.91E-6
	CC3	0.0015	-0.0037	-0.1137	-5.14E-6	-4.11E-6	-1.91E-6
	CC4	0.0016	-0.0034	-0.1110	-4.40E-6	-4.30E-6	-1.73E-6
	CC5	0.0016	-0.0034	-0.1110	-4.40E-6	-4.30E-6	-1.73E-6
	CC6	0.0626	0.1127	-0.1472	4.08E-4	-1.48E-4	-7.44E-5
	CC7	0.0646	0.1009	-0.1467	3.67E-4	-1.53E-4	-6.53E-5
	CC8	0.0684	0.0044	-0.1345	1.47E-5	-1.72E-4	-5.96E-5
	CC9	0.0704	-0.0074	-0.1340	-2.58E-5	-1.77E-4	-5.05E-5
	CC10	-0.0672	0.0007	-0.0861	1.74E-5	1.68E-4	4.71E-5
	CC11	-0.0652	-0.0110	-0.0856	-2.30E-5	1.63E-4	5.62E-5
	CC12	-0.0614	-0.1075	-0.0734	-3.75E-4	1.44E-4	6.20E-5
	CC13	-0.0594	-0.1193	-0.0729	-4.16E-4	1.39E-4	7.11E-5
	CC14	0.0082	0.2134	-0.1411	7.76E-4	-2.75E-6	-5.97E-5
	CC15	0.0148	0.1744	-0.1395	6.42E-4	-1.96E-5	-2.97E-5
	CC16	-0.0308	0.1799	-0.1228	6.59E-4	9.21E-5	-2.32E-5
	CC17	-0.0242	0.1408	-0.1212	5.25E-4	7.53E-5	6.81E-6
	CC18	0.0274	-0.1474	-0.0989	-5.34E-4	-8.40E-5	-1.02E-5
	CC19	0.0340	-0.1865	-0.0973	-6.67E-4	-1.01E-4	1.98E-5
	CC20	-0.0116	-0.1810	-0.0806	-6.51E-4	1.09E-5	2.63E-5
	CC21	-0.0050	-0.2201	-0.0790	-7.84E-4	-5.98E-6	5.63E-5
409	CC1	0.0012	-0.0032	-0.1121	-9.28E-6	-4.09E-6	-6.74E-7
	CC2	0.0012	-0.0032	-0.1121	-9.28E-6	-4.09E-6	-6.74E-7
	CC3	0.0012	-0.0032	-0.1121	-9.28E-6	-4.09E-6	-6.74E-7
	CC4	0.0012	-0.0029	-0.1094	-8.31E-6	-4.26E-6	-5.96E-7
	CC5	0.0012	-0.0029	-0.1094	-8.31E-6	-4.26E-6	-5.96E-7
	CC6	0.0500	0.0790	-0.1436	3.34E-4	-1.41E-4	-5.02E-5
	CC7	0.0515	0.0705	-0.1431	3.01E-4	-1.45E-4	-4.39E-5
	CC8	0.0537	0.0034	-0.1311	7.33E-6	-1.62E-4	-4.57E-5
	CC9	0.0552	-0.0051	-0.1306	-2.58E-5	-1.67E-4	-3.93E-5

	CC10	-0.0528	-0.0007	-0.0864	9.85E-6	1.58E-4	3.81E-5
	CC11	-0.0512	-0.0091	-0.0859	-2.33E-5	1.54E-4	4.45E-5
	CC12	-0.0491	-0.0763	-0.0739	-3.17E-4	1.37E-4	4.27E-5
	CC13	-0.0475	-0.0847	-0.0734	-3.50E-4	1.32E-4	4.91E-5
	CC14	0.0079	0.1491	-0.1388	6.40E-4	-5.49E-6	-3.20E-5
	CC15	0.0130	0.1211	-0.1370	5.30E-4	-2.09E-5	-1.09E-5
	CC16	-0.0230	0.1252	-0.1216	5.43E-4	8.41E-5	-5.49E-6
	CC17	-0.0178	0.0972	-0.1199	4.33E-4	6.87E-5	1.56E-5
	CC18	0.0203	-0.1029	-0.0971	-4.49E-4	-7.74E-5	-1.68E-5
	CC19	0.0254	-0.1309	-0.0954	-5.59E-4	-9.28E-5	4.35E-6
	CC20	-0.0106	-0.1268	-0.0799	-5.46E-4	1.23E-5	9.76E-6
	CC21	-0.0054	-0.1548	-0.0782	-6.56E-4	-3.15E-6	3.09E-5
410	CC1	0.0015	-0.0045	-0.1138	-2.17E-5	-5.35E-6	2.82E-6
	CC2	0.0015	-0.0045	-0.1138	-2.17E-5	-5.35E-6	2.82E-6
	CC3	0.0015	-0.0045	-0.1138	-2.17E-5	-5.35E-6	2.82E-6
	CC4	0.0016	-0.0041	-0.1109	-2.00E-5	-5.51E-6	2.69E-6
	CC5	0.0016	-0.0041	-0.1109	-2.00E-5	-5.51E-6	2.69E-6
	CC6	0.0753	0.1148	-0.1074	2.50E-4	-1.53E-4	-7.19E-5
	CC7	0.0778	0.1036	-0.1056	2.25E-4	-1.58E-4	-6.22E-5
	CC8	0.0831	-0.0208	-0.0900	-5.96E-5	-1.76E-4	-6.76E-5
	CC9	0.0856	-0.0320	-0.0882	-8.45E-5	-1.81E-4	-5.80E-5
	CC10	-0.0824	0.0241	-0.1317	4.57E-5	1.70E-4	6.33E-5
	CC11	-0.0799	0.0129	-0.1300	2.09E-5	1.64E-4	7.29E-5
	CC12	-0.0746	-0.1115	-0.1143	-2.64E-4	1.47E-4	6.75E-5
	CC13	-0.0722	-0.1227	-0.1126	-2.89E-4	1.42E-4	7.72E-5
	CC14	0.0083	0.2542	-0.1382	5.69E-4	-8.05E-6	-4.06E-5
	CC15	0.0163	0.2170	-0.1325	4.87E-4	-2.50E-5	-8.67E-6
	CC16	-0.0391	0.2270	-0.1455	5.08E-4	8.87E-5	-9.72E-8
	CC17	-0.0310	0.1898	-0.1398	4.25E-4	7.18E-5	3.19E-5
	CC18	0.0342	-0.1978	-0.0802	-4.64E-4	-8.30E-5	-2.66E-5
	CC19	0.0422	-0.2350	-0.0744	-5.46E-4	-9.99E-5	5.40E-6
	CC20	-0.0131	-0.2250	-0.0875	-5.26E-4	1.38E-5	1.40E-5
	CC21	-0.0051	-0.2622	-0.0817	-6.08E-4	-3.07E-6	4.59E-5
411	CC1	0.0011	-0.0036	-0.1124	-1.95E-6	-4.11E-6	1.61E-6
	CC2	0.0011	-0.0036	-0.1124	-1.95E-6	-4.11E-6	1.61E-6
	CC3	0.0011	-0.0036	-0.1124	-1.95E-6	-4.11E-6	1.61E-6
	CC4	0.0011	-0.0033	-0.1096	-1.54E-6	-4.25E-6	1.60E-6
	CC5	0.0011	-0.0033	-0.1096	-1.54E-6	-4.25E-6	1.60E-6
	CC6	0.0617	0.0892	-0.1065	3.21E-4	-1.55E-4	-6.24E-5
	CC7	0.0637	0.0804	-0.1049	2.92E-4	-1.60E-4	-5.42E-5
	CC8	0.0674	-0.0159	-0.0896	-4.88E-5	-1.79E-4	-5.59E-5
	CC9	0.0694	-0.0247	-0.0879	-7.83E-5	-1.85E-4	-4.78E-5
	CC10	-0.0671	0.0183	-0.1294	7.55E-5	1.76E-4	5.10E-5
	CC11	-0.0651	0.0095	-0.1278	4.60E-5	1.71E-4	5.91E-5
	CC12	-0.0614	-0.0868	-0.1125	-2.94E-4	1.52E-4	5.74E-5
	CC13	-0.0594	-0.0955	-0.1108	-3.24E-4	1.47E-4	6.55E-5
	CC14	0.0077	0.1970	-0.1362	7.01E-4	-5.08E-6	-3.96E-5
	CC15	0.0142	0.1680	-0.1307	6.03E-4	-2.24E-5	-1.26E-5
	CC16	-0.0309	0.1758	-0.1431	6.27E-4	9.43E-5	-5.63E-6
	CC17	-0.0244	0.1467	-0.1376	5.29E-4	7.69E-5	2.14E-5
	CC18	0.0267	-0.1531	-0.0797	-5.32E-4	-8.55E-5	-1.82E-5
	CC19	0.0332	-0.1822	-0.0742	-6.30E-4	-1.03E-4	8.82E-6
	CC20	-0.0119	-0.1744	-0.0866	-6.06E-4	1.38E-5	1.58E-5
	CC21	-0.0054	-0.2034	-0.0811	-7.04E-4	-3.52E-6	4.28E-5
412	CC1	0.0008	-0.0035	-0.1109	-5.25E-6	-3.60E-6	-1.98E-7
	CC2	0.0008	-0.0035	-0.1109	-5.25E-6	-3.60E-6	-1.98E-7
	CC3	0.0008	-0.0035	-0.1109	-5.25E-6	-3.60E-6	-1.98E-7
	CC4	0.0008	-0.0032	-0.1082	-4.46E-6	-3.76E-6	-7.03E-8
	CC5	0.0008	-0.0032	-0.1082	-4.46E-6	-3.76E-6	-7.03E-8
	CC6	0.0486	0.0626	-0.1060	2.69E-4	-1.41E-4	-5.42E-5
	CC7	0.0501	0.0563	-0.1044	2.44E-4	-1.46E-4	-4.74E-5
	CC8	0.0522	-0.0116	-0.0897	-4.35E-5	-1.64E-4	-4.46E-5
	CC9	0.0538	-0.0179	-0.0881	-6.82E-5	-1.68E-4	-3.79E-5
	CC10	-0.0521	0.0118	-0.1264	5.98E-5	1.61E-4	3.78E-5
	CC11	-0.0506	0.0054	-0.1248	3.51E-5	1.56E-4	4.46E-5
	CC12	-0.0485	-0.0624	-0.1101	-2.53E-4	1.38E-4	4.74E-5
	CC13	-0.0470	-0.0688	-0.1085	-2.77E-4	1.34E-4	5.41E-5
	CC14	0.0073	0.1387	-0.1340	5.89E-4	-4.22E-6	-4.10E-5
	CC15	0.0124	0.1177	-0.1288	5.07E-4	-1.98E-5	-1.86E-5
	CC16	-0.0229	0.1234	-0.1401	5.26E-4	8.64E-5	-1.34E-5
	CC17	-0.0178	0.1025	-0.1349	4.44E-4	7.07E-5	9.03E-6
	CC18	0.0195	-0.1086	-0.0796	-4.53E-4	-7.84E-5	-9.09E-6

	CC19	0.0245	-0.1296	-0.0744	-5.35E-4	-9.40E-5	1.33E-5
	CC20	-0.0108	-0.1239	-0.0857	-5.16E-4	1.22E-5	1.85E-5
	CC21	-0.0057	-0.1448	-0.0805	-5.98E-4	-3.40E-6	4.09E-5
413	CC1	0.0021	-0.0046	-0.1142	-9.09E-6	4.34E-6	8.56E-7
	CC2	0.0021	-0.0046	-0.1142	-9.09E-6	4.34E-6	8.56E-7
	CC3	0.0021	-0.0046	-0.1142	-9.09E-6	4.34E-6	8.56E-7
	CC4	0.0021	-0.0042	-0.1114	-7.99E-6	3.90E-6	8.60E-7
	CC5	0.0021	-0.0042	-0.1114	-7.99E-6	3.90E-6	8.60E-7
	CC6	0.0956	0.1746	-0.1199	4.02E-4	-1.77E-4	-8.09E-5
	CC7	0.0915	0.1556	-0.1241	3.60E-4	-1.69E-4	-7.06E-5
	CC8	0.0946	0.0338	-0.1503	6.30E-5	-1.82E-4	-6.79E-5
	CC9	0.0905	0.0148	-0.1545	2.08E-5	-1.74E-4	-5.76E-5
	CC10	-0.0862	-0.0229	-0.0665	-3.61E-5	1.81E-4	5.93E-5
	CC11	-0.0903	-0.0419	-0.0707	-7.82E-5	1.89E-4	6.96E-5
	CC12	-0.0872	-0.1637	-0.0969	-3.75E-4	1.76E-4	7.23E-5
	CC13	-0.0913	-0.1827	-0.1011	-4.18E-4	1.84E-4	8.26E-5
	CC14	0.0379	0.2916	-0.0608	6.94E-4	-5.55E-5	-5.89E-5
	CC15	0.0243	0.2288	-0.0748	5.54E-4	-2.86E-5	-2.48E-5
	CC16	-0.0167	0.2324	-0.0447	5.62E-4	5.20E-5	-1.69E-5
	CC17	-0.0302	0.1695	-0.0588	4.22E-4	7.88E-5	1.72E-5
	CC18	0.0345	-0.1776	-0.1622	-4.38E-4	-7.13E-5	-1.55E-5
	CC19	0.0209	-0.2404	-0.1762	-5.77E-4	-4.44E-5	1.86E-5
	CC20	-0.0200	-0.2368	-0.1462	-5.69E-4	3.62E-5	2.65E-5
	CC21	-0.0336	-0.2997	-0.1602	-7.09E-4	6.30E-5	6.06E-5
414	CC1	0.0021	-0.0040	-0.1127	-6.06E-6	-3.34E-6	9.60E-7
	CC2	0.0021	-0.0040	-0.1127	-6.06E-6	-3.34E-6	9.60E-7
	CC3	0.0021	-0.0040	-0.1127	-6.06E-6	-3.34E-6	9.60E-7
	CC4	0.0021	-0.0036	-0.1100	-5.11E-6	-3.22E-6	9.31E-7
	CC5	0.0021	-0.0036	-0.1100	-5.11E-6	-3.22E-6	9.31E-7
	CC6	0.0792	0.1376	-0.1183	4.26E-4	-1.92E-4	-6.80E-5
	CC7	0.0759	0.1225	-0.1224	3.81E-4	-1.83E-4	-5.94E-5
	CC8	0.0782	0.0279	-0.1475	6.76E-5	-1.90E-4	-5.65E-5
	CC9	0.0749	0.0128	-0.1516	2.33E-5	-1.81E-4	-4.78E-5
	CC10	-0.0707	-0.0199	-0.0667	-3.29E-5	1.75E-4	4.97E-5
	CC11	-0.0740	-0.0350	-0.0708	-7.72E-5	1.84E-4	5.83E-5
	CC12	-0.0717	-0.1295	-0.0959	-3.91E-4	1.77E-4	6.12E-5
	CC13	-0.0751	-0.1446	-0.1000	-4.35E-4	1.86E-4	6.99E-5
	CC14	0.0318	0.2278	-0.0614	7.34E-4	-7.70E-5	-5.03E-5
	CC15	0.0208	0.1778	-0.0750	5.88E-4	-4.68E-5	-2.16E-5
	CC16	-0.0132	0.1806	-0.0459	5.97E-4	3.31E-5	-1.49E-5
	CC17	-0.0241	0.1306	-0.0595	4.50E-4	6.33E-5	1.37E-5
	CC18	0.0283	-0.1376	-0.1587	-4.60E-4	-6.97E-5	-1.18E-5
	CC19	0.0174	-0.1876	-0.1723	-6.06E-4	-3.94E-5	1.68E-5
	CC20	-0.0166	-0.1848	-0.1433	-5.97E-4	4.04E-5	2.35E-5
	CC21	-0.0276	-0.2348	-0.1569	-7.44E-4	7.07E-5	5.21E-5
415	CC1	0.0018	-0.0034	-0.1113	-8.63E-6	-1.21E-6	1.21E-6
	CC2	0.0018	-0.0034	-0.1113	-8.63E-6	-1.21E-6	1.21E-6
	CC3	0.0018	-0.0034	-0.1113	-8.63E-6	-1.21E-6	1.21E-6
	CC4	0.0018	-0.0031	-0.1087	-7.69E-6	-1.36E-6	1.14E-6
	CC5	0.0018	-0.0031	-0.1087	-7.69E-6	-1.36E-6	1.14E-6
	CC6	0.0626	0.1019	-0.1166	3.70E-4	-1.82E-4	-5.33E-5
	CC7	0.0601	0.0905	-0.1204	3.31E-4	-1.73E-4	-4.64E-5
	CC8	0.0618	0.0223	-0.1435	5.91E-5	-1.78E-4	-4.46E-5
	CC9	0.0593	0.0109	-0.1473	2.03E-5	-1.69E-4	-3.77E-5
	CC10	-0.0557	-0.0169	-0.0683	-3.50E-5	1.67E-4	4.00E-5
	CC11	-0.0582	-0.0283	-0.0721	-7.39E-5	1.75E-4	4.68E-5
	CC12	-0.0564	-0.0966	-0.0952	-3.46E-4	1.71E-4	4.87E-5
	CC13	-0.0589	-0.1080	-0.0990	-3.85E-4	1.79E-4	5.55E-5
	CC14	0.0250	0.1664	-0.0639	6.36E-4	-7.47E-5	-3.87E-5
	CC15	0.0167	0.1287	-0.0765	5.07E-4	-4.57E-5	-1.61E-5
	CC16	-0.0105	0.1307	-0.0494	5.14E-4	3.00E-5	-1.07E-5
	CC17	-0.0188	0.0930	-0.0620	3.86E-4	5.90E-5	1.19E-5
	CC18	0.0225	-0.0991	-0.1536	-4.00E-4	-6.18E-5	-9.64E-6
	CC19	0.0141	-0.1368	-0.1662	-5.29E-4	-3.28E-5	1.30E-5
	CC20	-0.0130	-0.1347	-0.1391	-5.22E-4	4.29E-5	1.83E-5
	CC21	-0.0213	-0.1724	-0.1517	-6.51E-4	7.19E-5	4.10E-5
416	CC1	0.0026	-0.0050	-0.1110	-1.43E-5	3.77E-6	8.90E-7
	CC2	0.0026	-0.0050	-0.1110	-1.43E-5	3.77E-6	8.90E-7
	CC3	0.0026	-0.0050	-0.1110	-1.43E-5	3.77E-6	8.90E-7
	CC4	0.0026	-0.0045	-0.1085	-1.31E-5	3.33E-6	8.75E-7
	CC5	0.0026	-0.0045	-0.1085	-1.31E-5	3.33E-6	8.75E-7
	CC6	0.0851	0.1747	-0.1408	4.00E-4	-1.60E-4	-7.98E-5

	CC7	0.0840	0.1557	-0.1375	3.57E-4	-1.57E-4	-6.97E-5
	CC8	0.0895	0.0336	-0.1152	5.88E-5	-1.69E-4	-6.74E-5
	CC9	0.0885	0.0146	-0.1119	1.64E-5	-1.67E-4	-5.72E-5
	CC10	-0.0834	-0.0233	-0.1035	-4.18E-5	1.73E-4	5.89E-5
	CC11	-0.0844	-0.0423	-0.1002	-8.42E-5	1.76E-4	6.91E-5
	CC12	-0.0789	-0.1644	-0.0780	-3.83E-4	1.64E-4	7.14E-5
	CC13	-0.0799	-0.1835	-0.0746	-4.25E-4	1.66E-4	8.16E-5
	CC14	0.0220	0.2920	-0.1614	6.92E-4	-3.52E-5	-5.76E-5
	CC15	0.0187	0.2290	-0.1504	5.51E-4	-2.64E-5	-2.39E-5
	CC16	-0.0285	0.2326	-0.1502	5.59E-4	6.47E-5	-1.59E-5
	CC17	-0.0319	0.1696	-0.1392	4.19E-4	7.35E-5	1.77E-5
	CC18	0.0370	-0.1784	-0.0762	-4.44E-4	-6.71E-5	-1.60E-5
	CC19	0.0337	-0.2414	-0.0652	-5.85E-4	-5.83E-5	1.77E-5
	CC20	-0.0135	-0.2378	-0.0650	-5.77E-4	3.28E-5	2.56E-5
	CC21	-0.0169	-0.3008	-0.0541	-7.17E-4	4.15E-5	5.93E-5
417	CC1	0.0026	-0.0037	-0.1098	-1.48E-5	-2.31E-6	5.01E-7
	CC2	0.0026	-0.0037	-0.1098	-1.48E-5	-2.31E-6	5.01E-7
	CC3	0.0026	-0.0037	-0.1098	-1.48E-5	-2.31E-6	5.01E-7
	CC4	0.0026	-0.0033	-0.1073	-1.36E-5	-2.41E-6	5.01E-7
	CC5	0.0026	-0.0033	-0.1073	-1.36E-5	-2.41E-6	5.01E-7
	CC6	0.0707	0.1380	-0.1387	4.22E-4	-1.66E-4	-6.74E-5
	CC7	0.0699	0.1229	-0.1354	3.77E-4	-1.64E-4	-5.88E-5
	CC8	0.0741	0.0283	-0.1138	6.02E-5	-1.82E-4	-5.66E-5
	CC9	0.0733	0.0132	-0.1106	1.54E-5	-1.80E-4	-4.81E-5
	CC10	-0.0681	-0.0196	-0.1025	-4.19E-5	1.75E-4	4.91E-5
	CC11	-0.0689	-0.0347	-0.0992	-8.66E-5	1.77E-4	5.76E-5
	CC12	-0.0648	-0.1293	-0.0776	-4.03E-4	1.59E-4	5.98E-5
	CC13	-0.0656	-0.1444	-0.0744	-4.48E-4	1.61E-4	6.84E-5
	CC14	0.0192	0.2284	-0.1587	7.33E-4	-2.97E-5	-4.90E-5
	CC15	0.0165	0.1783	-0.1480	5.85E-4	-2.31E-5	-2.08E-5
	CC16	-0.0225	0.1811	-0.1478	5.94E-4	7.25E-5	-1.41E-5
	CC17	-0.0252	0.1310	-0.1372	4.46E-4	7.91E-5	1.41E-5
	CC18	0.0303	-0.1374	-0.0759	-4.72E-4	-8.40E-5	-1.31E-5
	CC19	0.0276	-0.1875	-0.0652	-6.20E-4	-7.74E-5	1.51E-5
	CC20	-0.0113	-0.1847	-0.0650	-6.11E-4	1.82E-5	2.18E-5
	CC21	-0.0140	-0.2348	-0.0543	-7.59E-4	2.48E-5	5.00E-5
418	CC1	0.0023	-0.0025	-0.1086	-1.17E-5	-2.64E-6	-4.83E-8
	CC2	0.0023	-0.0025	-0.1086	-1.17E-5	-2.64E-6	-4.83E-8
	CC3	0.0023	-0.0025	-0.1086	-1.17E-5	-2.64E-6	-4.83E-8
	CC4	0.0023	-0.0022	-0.1062	-1.07E-5	-2.77E-6	-2.44E-8
	CC5	0.0023	-0.0022	-0.1062	-1.07E-5	-2.77E-6	-2.44E-8
	CC6	0.0565	0.1026	-0.1357	3.70E-4	-1.55E-4	-5.38E-5
	CC7	0.0558	0.0912	-0.1327	3.31E-4	-1.54E-4	-4.71E-5
	CC8	0.0583	0.0231	-0.1130	5.69E-5	-1.72E-4	-4.57E-5
	CC9	0.0577	0.0117	-0.1100	1.77E-5	-1.71E-4	-3.89E-5
	CC10	-0.0531	-0.0160	-0.1008	-3.84E-5	1.65E-4	3.89E-5
	CC11	-0.0537	-0.0274	-0.0978	-7.76E-5	1.67E-4	4.56E-5
	CC12	-0.0512	-0.0955	-0.0780	-3.52E-4	1.48E-4	4.70E-5
	CC13	-0.0519	-0.1069	-0.0750	-3.91E-4	1.50E-4	5.38E-5
	CC14	0.0168	0.1669	-0.1535	6.38E-4	-2.50E-5	-3.87E-5
	CC15	0.0146	0.1293	-0.1436	5.08E-4	-1.96E-5	-1.63E-5
	CC16	-0.0161	0.1313	-0.1430	5.16E-4	7.12E-5	-1.09E-5
	CC17	-0.0183	0.0937	-0.1331	3.86E-4	7.66E-5	1.15E-5
	CC18	0.0229	-0.0980	-0.0776	-4.06E-4	-8.22E-5	-1.16E-5
	CC19	0.0207	-0.1356	-0.0678	-5.36E-4	-7.68E-5	1.09E-5
	CC20	-0.0100	-0.1336	-0.0671	-5.29E-4	1.40E-5	1.63E-5
	CC21	-0.0122	-0.1712	-0.0573	-6.59E-4	1.93E-5	3.87E-5
419	CC1	0.0009	-0.0059	-0.1142	-1.41E-5	1.11E-5	-2.58E-6
	CC2	0.0009	-0.0059	-0.1142	-1.41E-5	1.11E-5	-2.58E-6
	CC3	0.0009	-0.0059	-0.1142	-1.41E-5	1.11E-5	-2.58E-6
	CC4	0.0010	-0.0054	-0.1115	-1.29E-5	1.05E-5	-2.32E-6
	CC5	0.0010	-0.0054	-0.1115	-1.29E-5	1.05E-5	-2.32E-6
	CC6	0.1094	0.2135	-0.1208	3.69E-4	-1.23E-4	-9.70E-5
	CC7	0.1046	0.1902	-0.1253	3.30E-4	-1.22E-4	-8.50E-5
	CC8	0.1088	0.0455	-0.1571	6.95E-5	-1.68E-4	-8.20E-5
	CC9	0.1040	0.0222	-0.1616	3.08E-5	-1.68E-4	-7.01E-5
	CC10	-0.1018	-0.0326	-0.0597	-5.57E-5	1.88E-4	6.56E-5
	CC11	-0.1066	-0.0559	-0.0641	-9.44E-5	1.89E-4	7.76E-5
	CC12	-0.1024	-0.2007	-0.0959	-3.55E-4	1.43E-4	8.05E-5
	CC13	-0.1072	-0.2240	-0.1004	-3.94E-4	1.43E-4	9.25E-5
	CC14	0.0418	0.3503	-0.0520	6.14E-4	3.88E-5	-7.13E-5
	CC15	0.0258	0.2732	-0.0667	4.86E-4	3.97E-5	-3.16E-5

	CC16	-0.0216	0.2765	-0.0336	4.87E-4	1.32E-4	-2.25E-5
	CC17	-0.0376	0.1993	-0.0483	3.59E-4	1.33E-4	1.71E-5
	CC18	0.0397	-0.2097	-0.1729	-3.84E-4	-1.12E-4	-2.16E-5
	CC19	0.0238	-0.2869	-0.1876	-5.12E-4	-1.12E-4	1.81E-5
	CC20	-0.0236	-0.2836	-0.1545	-5.11E-4	-1.92E-5	2.72E-5
	CC21	-0.0396	-0.3608	-0.1693	-6.39E-4	-1.83E-5	6.68E-5
420	CC1	0.0020	-0.0048	-0.1127	-9.56E-6	9.60E-6	3.70E-7
	CC2	0.0020	-0.0048	-0.1127	-9.56E-6	9.60E-6	3.70E-7
	CC3	0.0020	-0.0048	-0.1127	-9.56E-6	9.60E-6	3.70E-7
	CC4	0.0020	-0.0044	-0.1100	-8.64E-6	8.79E-6	4.56E-7
	CC5	0.0020	-0.0044	-0.1100	-8.64E-6	8.79E-6	4.56E-7
	CC6	0.0952	0.1855	-0.1210	4.28E-4	-1.91E-4	-6.94E-5
	CC7	0.0910	0.1651	-0.1256	3.82E-4	-1.79E-4	-6.04E-5
	CC8	0.0945	0.0450	-0.1630	8.53E-5	-1.75E-4	-6.48E-5
	CC9	0.0903	0.0245	-0.1676	3.96E-5	-1.63E-4	-5.59E-5
	CC10	-0.0863	-0.0330	-0.0508	-5.63E-5	1.80E-4	5.68E-5
	CC11	-0.0904	-0.0535	-0.0554	-1.02E-4	1.92E-4	6.58E-5
	CC12	-0.0870	-0.1736	-0.0927	-3.99E-4	1.96E-4	6.14E-5
	CC13	-0.0912	-0.1941	-0.0974	-4.44E-4	2.08E-4	7.04E-5
	CC14	0.0373	0.2966	-0.0421	7.10E-4	-9.37E-5	-4.09E-5
	CC15	0.0235	0.2289	-0.0574	5.59E-4	-5.45E-5	-1.12E-5
	CC16	-0.0171	0.2311	-0.0210	5.65E-4	1.78E-5	-3.02E-6
	CC17	-0.0309	0.1633	-0.0363	4.14E-4	5.70E-5	2.67E-5
	CC18	0.0349	-0.1719	-0.1820	-4.31E-4	-4.00E-5	-2.57E-5
	CC19	0.0211	-0.2396	-0.1973	-5.82E-4	-7.91E-7	3.99E-6
	CC20	-0.0195	-0.2374	-0.1610	-5.76E-4	7.15E-5	1.21E-5
	CC21	-0.0333	-0.3052	-0.1763	-7.27E-4	1.11E-4	4.18E-5
421	CC1	0.0024	-0.0039	-0.1118	-1.00E-5	2.42E-6	1.33E-6
	CC2	0.0024	-0.0039	-0.1118	-1.00E-5	2.42E-6	1.33E-6
	CC3	0.0024	-0.0039	-0.1118	-1.00E-5	2.42E-6	1.33E-6
	CC4	0.0024	-0.0036	-0.1092	-9.11E-6	2.09E-6	1.31E-6
	CC5	0.0024	-0.0036	-0.1092	-9.11E-6	2.09E-6	1.31E-6
	CC6	0.0798	0.1494	-0.1197	3.95E-4	-1.57E-4	-5.09E-5
	CC7	0.0764	0.1328	-0.1241	3.53E-4	-1.52E-4	-4.40E-5
	CC8	0.0790	0.0377	-0.1598	7.91E-5	-1.76E-4	-4.94E-5
	CC9	0.0756	0.0211	-0.1642	3.70E-5	-1.70E-4	-4.25E-5
	CC10	-0.0708	-0.0281	-0.0525	-5.46E-5	1.74E-4	4.51E-5
	CC11	-0.0742	-0.0447	-0.0569	-9.67E-5	1.79E-4	5.20E-5
	CC12	-0.0716	-0.1397	-0.0926	-3.70E-4	1.56E-4	4.66E-5
	CC13	-0.0750	-0.1563	-0.0970	-4.12E-4	1.61E-4	5.36E-5
	CC14	0.0320	0.2367	-0.0444	6.55E-4	-2.62E-5	-2.71E-5
	CC15	0.0207	0.1817	-0.0589	5.15E-4	-8.38E-6	-4.18E-6
	CC16	-0.0132	0.1834	-0.0242	5.20E-4	7.32E-5	1.75E-6
	CC17	-0.0245	0.1285	-0.0388	3.80E-4	9.10E-5	2.46E-5
	CC18	0.0293	-0.1355	-0.1779	-3.98E-4	-8.71E-5	-2.20E-5
	CC19	0.0180	-0.1904	-0.1924	-5.37E-4	-6.92E-5	8.57E-7
	CC20	-0.0158	-0.1887	-0.1577	-5.33E-4	1.23E-5	6.78E-6
	CC21	-0.0272	-0.2436	-0.1723	-6.72E-4	3.02E-5	2.97E-5
422	CC1	0.0026	-0.0031	-0.1107	-8.74E-6	8.02E-7	-1.24E-6
	CC2	0.0026	-0.0031	-0.1107	-8.74E-6	8.02E-7	-1.24E-6
	CC3	0.0026	-0.0031	-0.1107	-8.74E-6	8.02E-7	-1.24E-6
	CC4	0.0026	-0.0028	-0.1082	-7.95E-6	3.74E-7	-1.30E-6
	CC5	0.0026	-0.0028	-0.1082	-7.95E-6	3.74E-7	-1.30E-6
	CC6	0.0642	0.1144	-0.1187	4.04E-4	-2.00E-4	-4.62E-5
	CC7	0.0616	0.1015	-0.1227	3.61E-4	-1.88E-4	-4.05E-5
	CC8	0.0635	0.0307	-0.1556	8.03E-5	-1.82E-4	-4.09E-5
	CC9	0.0608	0.0178	-0.1596	3.75E-5	-1.70E-4	-3.52E-5
	CC10	-0.0557	-0.0233	-0.0550	-5.28E-5	1.70E-4	3.26E-5
	CC11	-0.0583	-0.0362	-0.0590	-9.57E-5	1.82E-4	3.83E-5
	CC12	-0.0564	-0.1070	-0.0918	-3.77E-4	1.89E-4	3.79E-5
	CC13	-0.0591	-0.1199	-0.0959	-4.20E-4	2.00E-4	4.36E-5
	CC14	0.0262	0.1786	-0.0487	6.72E-4	-1.05E-4	-3.14E-5
	CC15	0.0174	0.1361	-0.0621	5.30E-4	-6.58E-5	-1.25E-5
	CC16	-0.0098	0.1373	-0.0296	5.35E-4	6.11E-6	-7.75E-6
	CC17	-0.0185	0.0948	-0.0430	3.93E-4	4.53E-5	1.11E-5
	CC18	0.0237	-0.1003	-0.1716	-4.08E-4	-4.48E-5	-1.37E-5
	CC19	0.0149	-0.1428	-0.1850	-5.50E-4	-5.64E-6	5.12E-6
	CC20	-0.0123	-0.1416	-0.1525	-5.45E-4	6.63E-5	9.91E-6
	CC21	-0.0211	-0.1841	-0.1659	-6.87E-4	1.05E-4	2.88E-5
423	CC1	0.0017	-0.0057	-0.1110	-1.08E-5	9.22E-6	-4.20E-6
	CC2	0.0017	-0.0057	-0.1110	-1.08E-5	9.22E-6	-4.20E-6
	CC3	0.0017	-0.0057	-0.1110	-1.08E-5	9.22E-6	-4.20E-6

	CC4	0.0018	-0.0052	-0.1086	-9.72E-6	8.55E-6	-3.93E-6
	CC5	0.0018	-0.0052	-0.1086	-9.72E-6	8.55E-6	-3.93E-6
	CC6	0.0982	0.2147	-0.1544	3.55E-4	-1.79E-4	-9.86E-5
	CC7	0.0968	0.1913	-0.1508	3.18E-4	-1.70E-4	-8.66E-5
	CC8	0.1026	0.0465	-0.1293	6.90E-5	-1.37E-4	-8.36E-5
	CC9	0.1011	0.0231	-0.1256	3.20E-5	-1.27E-4	-7.17E-5
	CC10	-0.0975	-0.0331	-0.0899	-5.07E-5	1.44E-4	6.40E-5
	CC11	-0.0989	-0.0565	-0.0863	-8.77E-5	1.53E-4	7.60E-5
	CC12	-0.0931	-0.2013	-0.0647	-3.37E-4	1.86E-4	7.89E-5
	CC13	-0.0946	-0.2247	-0.0611	-3.74E-4	1.96E-4	9.09E-5
	CC14	0.0262	0.3512	-0.1655	5.89E-4	-1.27E-4	-7.29E-5
	CC15	0.0215	0.2737	-0.1533	4.67E-4	-9.54E-5	-3.32E-5
	CC16	-0.0325	0.2769	-0.1461	4.67E-4	-2.97E-5	-2.41E-5
	CC17	-0.0372	0.1993	-0.1340	3.45E-4	1.56E-6	1.55E-5
	CC18	0.0408	-0.2093	-0.0815	-3.64E-4	1.51E-5	-2.32E-5
	CC19	0.0361	-0.2869	-0.0694	-4.86E-4	4.63E-5	1.65E-5
	CC20	-0.0179	-0.2837	-0.0622	-4.85E-4	1.12E-4	2.56E-5
	CC21	-0.0226	-0.3612	-0.0500	-6.08E-4	1.43E-4	6.52E-5
424	CC1	0.0025	-0.0045	-0.1097	-1.17E-5	8.46E-6	-2.97E-6
	CC2	0.0025	-0.0045	-0.1097	-1.17E-5	8.46E-6	-2.97E-6
	CC3	0.0025	-0.0045	-0.1097	-1.17E-5	8.46E-6	-2.97E-6
	CC4	0.0025	-0.0041	-0.1073	-1.07E-5	7.88E-6	-2.87E-6
	CC5	0.0025	-0.0041	-0.1073	-1.07E-5	7.88E-6	-2.87E-6
	CC6	0.0858	0.1872	-0.1679	4.37E-4	-1.42E-4	-5.71E-5
	CC7	0.0845	0.1665	-0.1638	3.90E-4	-1.42E-4	-4.96E-5
	CC8	0.0892	0.0467	-0.1427	8.66E-5	-1.75E-4	-6.75E-5
	CC9	0.0879	0.0260	-0.1386	3.97E-5	-1.74E-4	-6.00E-5
	CC10	-0.0828	-0.0339	-0.0744	-6.04E-5	1.90E-4	5.43E-5
	CC11	-0.0841	-0.0545	-0.0704	-1.07E-4	1.90E-4	6.19E-5
	CC12	-0.0794	-0.1744	-0.0493	-4.11E-4	1.57E-4	4.40E-5
	CC13	-0.0807	-0.1950	-0.0452	-4.58E-4	1.57E-4	5.15E-5
	CC14	0.0243	0.2975	-0.1693	7.26E-4	1.27E-5	-1.47E-5
	CC15	0.0200	0.2293	-0.1558	5.71E-4	1.29E-5	1.02E-5
	CC16	-0.0262	0.2312	-0.1412	5.77E-4	1.12E-4	1.87E-5
	CC17	-0.0306	0.1629	-0.1277	4.21E-4	1.12E-4	4.36E-5
	CC18	0.0357	-0.1708	-0.0853	-4.42E-4	-9.70E-5	-4.93E-5
	CC19	0.0314	-0.2391	-0.0718	-5.97E-4	-9.68E-5	-2.44E-5
	CC20	-0.0149	-0.2371	-0.0573	-5.91E-4	2.47E-6	-1.59E-5
	CC21	-0.0192	-0.3054	-0.0438	-7.47E-4	2.69E-6	9.08E-6
425	CC1	0.0029	-0.0035	-0.1091	-9.30E-6	3.53E-6	-5.97E-6
	CC2	0.0029	-0.0035	-0.1091	-9.30E-6	3.53E-6	-5.97E-6
	CC3	0.0029	-0.0035	-0.1091	-9.30E-6	3.53E-6	-5.97E-6
	CC4	0.0029	-0.0032	-0.1068	-8.42E-6	3.15E-6	-5.91E-6
	CC5	0.0029	-0.0032	-0.1068	-8.42E-6	3.15E-6	-5.91E-6
	CC6	0.0721	0.1510	-0.1657	3.85E-4	-1.62E-4	-7.61E-5
	CC7	0.0711	0.1342	-0.1618	3.44E-4	-1.57E-4	-6.71E-5
	CC8	0.0747	0.0393	-0.1418	7.88E-5	-1.55E-4	-6.18E-5
	CC9	0.0737	0.0225	-0.1379	3.77E-5	-1.50E-4	-5.28E-5
	CC10	-0.0679	-0.0287	-0.0740	-5.40E-5	1.56E-4	4.10E-5
	CC11	-0.0689	-0.0455	-0.0701	-9.51E-5	1.61E-4	5.00E-5
	CC12	-0.0653	-0.1404	-0.0501	-3.60E-4	1.63E-4	5.54E-5
	CC13	-0.0663	-0.1572	-0.0462	-4.01E-4	1.68E-4	6.44E-5
	CC14	0.0213	0.2378	-0.1660	6.36E-4	-6.59E-5	-6.23E-5
	CC15	0.0178	0.1823	-0.1531	5.00E-4	-4.91E-5	-3.25E-5
	CC16	-0.0207	0.1839	-0.1385	5.04E-4	2.95E-5	-2.72E-5
	CC17	-0.0242	0.1284	-0.1256	3.68E-4	4.63E-5	2.62E-6
	CC18	0.0300	-0.1346	-0.0864	-3.84E-4	-4.02E-5	-1.44E-5
	CC19	0.0266	-0.1901	-0.0735	-5.20E-4	-2.34E-5	1.54E-5
	CC20	-0.0120	-0.1885	-0.0589	-5.16E-4	5.52E-5	2.08E-5
	CC21	-0.0154	-0.2440	-0.0460	-6.52E-4	7.20E-5	5.05E-5
426	CC1	0.0029	-0.0027	-0.1084	-1.01E-5	-7.02E-6	4.52E-7
	CC2	0.0029	-0.0027	-0.1084	-1.01E-5	-7.02E-6	4.52E-7
	CC3	0.0029	-0.0027	-0.1084	-1.01E-5	-7.02E-6	4.52E-7
	CC4	0.0029	-0.0025	-0.1061	-9.24E-6	-7.13E-6	3.16E-7
	CC5	0.0029	-0.0025	-0.1061	-9.24E-6	-7.13E-6	3.16E-7
	CC6	0.0580	0.1163	-0.1624	4.12E-4	-1.65E-4	-8.79E-5
	CC7	0.0572	0.1032	-0.1588	3.68E-4	-1.65E-4	-7.75E-5
	CC8	0.0597	0.0321	-0.1407	8.39E-5	-1.94E-4	-5.01E-5
	CC9	0.0589	0.0191	-0.1371	4.01E-5	-1.94E-4	-3.97E-5
	CC10	-0.0532	-0.0239	-0.0735	-5.80E-5	1.79E-4	4.02E-5
	CC11	-0.0540	-0.0369	-0.0699	-1.02E-4	1.80E-4	5.06E-5
	CC12	-0.0514	-0.1080	-0.0518	-3.86E-4	1.50E-4	7.81E-5

	CC13	-0.0522	-0.1211	-0.0482	-4.30E-4	1.51E-4	8.85E-5
	CC14	0.0179	0.1805	-0.1607	6.80E-4	-1.08E-5	-9.92E-5
	CC15	0.0153	0.1373	-0.1488	5.35E-4	-9.76E-6	-6.48E-5
	CC16	-0.0154	0.1384	-0.1341	5.39E-4	9.25E-5	-6.08E-5
	CC17	-0.0181	0.0952	-0.1222	3.94E-4	9.35E-5	-2.64E-5
	CC18	0.0238	-0.1000	-0.0884	-4.12E-4	-1.08E-4	2.69E-5
	CC19	0.0212	-0.1432	-0.0765	-5.57E-4	-1.07E-4	6.13E-5
	CC20	-0.0096	-0.1421	-0.0617	-5.53E-4	-4.57E-6	6.54E-5
	CC21	-0.0122	-0.1853	-0.0498	-6.98E-4	-3.49E-6	9.98E-5
427	CC1	0.0016	-0.0105	-0.0933	-2.86E-5	0.00E+0	3.01E-6
	CC2	0.0016	-0.0105	-0.0933	-2.86E-5	0.00E+0	3.01E-6
	CC3	0.0016	-0.0105	-0.0933	-2.86E-5	0.00E+0	3.01E-6
	CC4	0.0016	-0.0098	-0.0906	-2.68E-5	0.00E+0	2.51E-6
	CC5	0.0016	-0.0098	-0.0906	-2.68E-5	0.00E+0	2.51E-6
	CC6	0.0869	0.0246	-0.0767	4.12E-5	3.41E-29	-9.24E-5
	CC7	0.0895	0.0246	-0.0759	4.18E-5	3.41E-29	-8.04E-5
	CC8	0.0960	-0.1144	-0.0430	-2.19E-4	1.34E-29	-7.75E-5
	CC9	0.0986	-0.1144	-0.0422	-2.18E-4	1.34E-29	-6.55E-5
	CC10	-0.0953	0.0953	-0.1372	1.66E-4	-1.34E-29	7.02E-5
	CC11	-0.0928	0.0953	-0.1363	1.66E-4	-1.34E-29	8.22E-5
	CC12	-0.0862	-0.0437	-0.1035	-9.44E-5	-3.41E-29	8.51E-5
	CC13	-0.0837	-0.0437	-0.1026	-9.38E-5	-3.41E-29	9.71E-5
	CC14	0.0095	0.2115	-0.1382	3.88E-4	4.17E-29	-6.67E-5
	CC15	0.0180	0.2115	-0.1354	3.90E-4	4.17E-29	-2.71E-5
	CC16	-0.0452	0.2327	-0.1563	4.25E-4	2.74E-29	-1.80E-5
	CC17	-0.0367	0.2328	-0.1536	4.27E-4	2.74E-29	2.17E-5
	CC18	0.0399	-0.2519	-0.0258	-4.80E-4	-2.74E-29	-1.70E-5
	CC19	0.0484	-0.2519	-0.0230	-4.78E-4	-2.74E-29	2.26E-5
	CC20	-0.0148	-0.2307	-0.0439	-4.42E-4	-4.17E-29	3.17E-5
	CC21	-0.0063	-0.2306	-0.0412	-4.40E-4	-4.17E-29	7.14E-5
428	CC1	0.0017	-0.0105	-0.0940	-2.84E-5	0.00E+0	-3.38E-6
	CC2	0.0017	-0.0105	-0.0940	-2.84E-5	0.00E+0	-3.38E-6
	CC3	0.0017	-0.0105	-0.0940	-2.84E-5	0.00E+0	-3.38E-6
	CC4	0.0017	-0.0097	-0.0912	-2.65E-5	0.00E+0	-3.64E-6
	CC5	0.0017	-0.0097	-0.0912	-2.65E-5	0.00E+0	-3.64E-6
	CC6	0.0870	0.0357	-0.0791	6.66E-5	1.04E-29	-9.84E-5
	CC7	0.0896	0.0343	-0.0782	6.39E-5	1.04E-29	-8.65E-5
	CC8	0.0961	-0.1051	-0.0555	-1.98E-4	4.11E-3	-8.35E-5
	CC9	0.0987	-0.1065	-0.0547	-2.01E-4	4.11E-3	-7.16E-5
	CC10	-0.0952	0.0874	-0.1260	1.49E-4	-4.11E-3	6.41E-5
	CC11	-0.0927	0.0860	-0.1251	1.46E-4	-4.11E-3	7.61E-5
	CC12	-0.0861	-0.0533	-0.1024	-1.16E-4	-1.04E-29	7.90E-5
	CC13	-0.0836	-0.0547	-0.1016	-1.18E-4	-1.04E-29	9.10E-5
	CC14	0.0096	0.2197	-0.1239	4.08E-4	1.26E-29	-7.28E-5
	CC15	0.0181	0.2150	-0.1211	3.98E-4	1.26E-29	-3.31E-5
	CC16	-0.0450	0.2352	-0.1380	4.32E-4	8.28E-3	-2.40E-5
	CC17	-0.0365	0.2306	-0.1352	4.23E-4	8.28E-3	1.56E-5
	CC18	0.0400	-0.2496	-0.0455	-4.75E-4	-8.28E-3	-2.31E-5
	CC19	0.0485	-0.2542	-0.0427	-4.84E-4	-8.28E-3	1.66E-5
	CC20	-0.0147	-0.2340	-0.0596	-4.50E-4	-1.26E-29	2.57E-5
	CC21	-0.0062	-0.2387	-0.0567	-4.59E-4	-1.26E-29	6.53E-5
429	CC1	0.0018	-0.0100	-0.0954	-3.38E-5	0.00E+0	-3.61E-6
	CC2	0.0018	-0.0100	-0.0954	-3.38E-5	0.00E+0	-3.61E-6
	CC3	0.0018	-0.0100	-0.0954	-3.38E-5	0.00E+0	-3.61E-6
	CC4	0.0018	-0.0093	-0.0926	-3.15E-5	0.00E+0	-3.78E-6
	CC5	0.0018	-0.0093	-0.0926	-3.15E-5	0.00E+0	-3.78E-6
	CC6	0.0871	0.0474	-0.0813	6.69E-5	1.32E-29	-9.86E-5
	CC7	0.0897	0.0446	-0.0804	6.31E-5	1.32E-29	-8.66E-5
	CC8	0.0962	-0.0952	-0.0645	-1.83E-4	5.25E-3	-8.36E-5
	CC9	0.0988	-0.0980	-0.0636	-1.86E-4	5.25E-3	-7.17E-5
	CC10	-0.0951	0.0799	-0.1197	1.25E-4	-5.25E-3	6.40E-5
	CC11	-0.0926	0.0770	-0.1188	1.21E-4	-5.25E-3	7.60E-5
	CC12	-0.0860	-0.0627	-0.1029	-1.24E-4	-1.32E-29	7.89E-5
	CC13	-0.0834	-0.0655	-0.1020	-1.28E-4	-1.32E-29	9.09E-5
	CC14	0.0097	0.2283	-0.1154	3.82E-4	1.61E-29	-7.29E-5
	CC15	0.0182	0.2190	-0.1124	3.70E-4	1.61E-29	-3.32E-5
	CC16	-0.0449	0.2381	-0.1270	4.00E-4	1.05E-29	-2.41E-5
	CC17	-0.0364	0.2287	-0.1240	3.87E-4	1.05E-29	1.55E-5
	CC18	0.0401	-0.2468	-0.0594	-4.49E-4	-1.05E-29	-2.32E-5
	CC19	0.0486	-0.2562	-0.0564	-4.61E-4	-1.05E-29	1.65E-5
	CC20	-0.0146	-0.2371	-0.0709	-4.31E-4	-1.61E-29	2.56E-5
	CC21	-0.0061	-0.2464	-0.0679	-4.44E-4	-1.61E-29	6.52E-5

430	CC1	0.0010	-0.0079	-0.0909	0.00E+0	-1.62E-5	1.08E-6
	CC2	0.0010	-0.0079	-0.0909	0.00E+0	-1.62E-5	1.08E-6
	CC3	0.0010	-0.0079	-0.0909	0.00E+0	-1.62E-5	1.08E-6
	CC4	0.0009	-0.0074	-0.0889	0.00E+0	-1.52E-5	1.14E-6
	CC5	0.0009	-0.0074	-0.0889	0.00E+0	-1.52E-5	1.14E-6
	CC6	0.1013	-0.2026	-0.0605	1.61E-29	-1.80E-4	-9.36E-5
	CC7	0.0986	-0.1735	-0.0637	1.61E-29	-1.75E-4	-8.16E-5
	CC8	0.1042	-0.3054	-0.0497	6.33E-3	-1.86E-4	-7.87E-5
	CC9	0.1015	-0.2764	-0.0530	6.33E-3	-1.82E-4	-6.67E-5
	CC10	-0.0998	0.2620	-0.1234	-6.33E-3	1.52E-4	6.90E-5
	CC11	-0.1025	0.2911	-0.1266	-6.33E-3	1.56E-4	8.10E-5
	CC12	-0.0969	0.1591	-0.1126	-1.61E-29	1.46E-4	8.39E-5
	CC13	-0.0996	0.1882	-0.1158	-1.61E-29	1.50E-4	9.59E-5
	CC14	0.0307	0.0464	-0.0913	1.97E-29	-6.11E-5	-6.79E-5
	CC15	0.0218	0.1427	-0.1020	1.97E-29	-4.77E-5	-2.82E-5
	CC16	-0.0296	0.1858	-0.1102	1.30E-29	3.83E-5	-1.91E-5
	CC17	-0.0385	0.2821	-0.1209	1.30E-29	5.17E-5	2.05E-5
	CC18	0.0403	-0.2964	-0.0555	-1.30E-29	-8.14E-5	-1.82E-5
	CC19	0.0314	-0.2001	-0.0661	-1.30E-29	-6.80E-5	2.15E-5
	CC20	-0.0200	-0.1571	-0.0743	-1.97E-29	1.79E-5	3.06E-5
	CC21	-0.0289	-0.0608	-0.0850	-1.97E-29	3.14E-5	7.02E-5
431	CC1	0.0009	-0.0079	-0.0926	0.00E+0	-2.05E-5	1.16E-6
	CC2	0.0009	-0.0079	-0.0926	0.00E+0	-2.05E-5	1.16E-6
	CC3	0.0009	-0.0079	-0.0926	0.00E+0	-2.05E-5	1.16E-6
	CC4	0.0008	-0.0074	-0.0904	0.00E+0	-1.91E-5	1.21E-6
	CC5	0.0008	-0.0074	-0.0904	0.00E+0	-1.91E-5	1.21E-6
	CC6	0.1051	-0.2026	-0.0684	2.84E-29	-1.87E-4	-9.35E-5
	CC7	0.1013	-0.1736	-0.0675	2.84E-29	-1.81E-4	-8.15E-5
	CC8	0.1066	-0.3055	-0.0742	1.14E-29	-1.88E-4	-7.86E-5
	CC9	0.1028	-0.2764	-0.0733	1.14E-29	-1.83E-4	-6.66E-5
	CC10	-0.1013	0.2619	-0.1062	-1.14E-29	1.46E-4	6.91E-5
	CC11	-0.1051	0.2910	-0.1052	-1.14E-29	1.51E-4	8.10E-5
	CC12	-0.0997	0.1591	-0.1120	-2.84E-29	1.44E-4	8.40E-5
	CC13	-0.1036	0.1882	-0.1111	-2.84E-29	1.49E-4	9.59E-5
	CC14	0.0355	0.0463	-0.0759	3.43E-29	-7.47E-5	-6.78E-5
	CC15	0.0228	0.1426	-0.0728	3.43E-29	-5.66E-5	-2.82E-5
	CC16	-0.0264	0.1857	-0.0872	2.24E-29	2.50E-5	-1.91E-5
	CC17	-0.0392	0.2820	-0.0842	2.24E-29	4.31E-5	2.06E-5
	CC18	0.0407	-0.2965	-0.0953	-2.24E-29	-8.04E-5	-1.81E-5
	CC19	0.0280	-0.2002	-0.0922	-2.24E-29	-6.23E-5	2.15E-5
	CC20	-0.0212	-0.1571	-0.1066	-3.43E-29	1.93E-5	3.06E-5
	CC21	-0.0339	-0.0608	-0.1036	-3.43E-29	3.74E-5	7.03E-5
432	CC1	0.0009	-0.0056	-0.1128	1.58E-5	9.24E-6	-1.25E-6
	CC2	0.0009	-0.0056	-0.1128	1.58E-5	9.24E-6	-1.25E-6
	CC3	0.0009	-0.0056	-0.1128	1.58E-5	9.24E-6	-1.25E-6
	CC4	0.0010	-0.0051	-0.1102	1.54E-5	8.40E-6	-1.26E-6
	CC5	0.0010	-0.0051	-0.1102	1.54E-5	8.40E-6	-1.26E-6
	CC6	0.1065	0.2222	-0.1293	1.60E-4	-1.78E-4	-9.60E-5
	CC7	0.1023	0.1979	-0.1319	1.46E-4	-1.69E-4	-8.40E-5
	CC8	0.1077	0.0529	-0.1560	3.04E-5	-1.62E-4	-8.11E-5
	CC9	0.1035	0.0285	-0.1587	1.70E-5	-1.53E-4	-6.91E-5
	CC10	-0.1014	-0.0384	-0.0600	1.36E-5	1.70E-4	6.66E-5
	CC11	-0.1056	-0.0628	-0.0626	2.18E-7	1.79E-4	7.86E-5
	CC12	-0.1002	-0.2077	-0.0867	-1.16E-4	1.85E-4	8.15E-5
	CC13	-0.1044	-0.2321	-0.0894	-1.29E-4	1.94E-4	9.35E-5
	CC14	0.0371	0.3568	-0.0707	2.75E-4	-8.48E-5	-7.03E-5
	CC15	0.0233	0.2761	-0.0795	2.30E-4	-5.51E-5	-3.07E-5
	CC16	-0.0253	0.2786	-0.0499	2.31E-4	1.95E-5	-2.16E-5
	CC17	-0.0390	0.1979	-0.0587	1.87E-4	4.92E-5	1.81E-5
	CC18	0.0411	-0.2077	-0.1599	-1.56E-4	-3.29E-5	-2.06E-5
	CC19	0.0274	-0.2884	-0.1687	-2.00E-4	-3.27E-6	1.90E-5
	CC20	-0.0212	-0.2859	-0.1391	-2.00E-4	7.14E-5	2.81E-5
	CC21	-0.0350	-0.3666	-0.1479	-2.44E-4	1.01E-4	6.78E-5
433	CC1	0.0093	-0.0157	-0.0958	-2.32E-5	-3.57E-5	-1.01E-5
	CC2	0.0093	-0.0157	-0.0958	-2.32E-5	-3.57E-5	-1.01E-5
	CC3	0.0093	-0.0157	-0.0958	-2.32E-5	-3.57E-5	-1.01E-5
	CC4	0.0086	-0.0147	-0.0935	-2.15E-5	-3.30E-5	-8.97E-6
	CC5	0.0086	-0.0147	-0.0935	-2.15E-5	-3.30E-5	-8.97E-6
	CC6	0.1677	-0.3018	-0.0975	-3.29E-4	-1.86E-4	-1.57E-4
	CC7	0.1624	-0.2578	-0.0967	-2.82E-4	-1.82E-4	-1.38E-4
	CC8	0.1701	-0.4736	-0.1006	-5.12E-4	-1.90E-4	-1.35E-4
	CC9	0.1648	-0.4296	-0.0999	-4.65E-4	-1.85E-4	-1.17E-4

	CC10	-0.1480	0.4009	-0.0855	4.23E-4	1.21E-4	9.96E-5
	CC11	-0.1533	0.4448	-0.0847	4.70E-4	1.26E-4	1.18E-4
	CC12	-0.1456	0.2290	-0.0887	2.40E-4	1.18E-4	1.21E-4
	CC13	-0.1509	0.2730	-0.0879	2.87E-4	1.22E-4	1.40E-4
	CC14	0.0605	0.0938	-0.0904	9.38E-5	-8.04E-5	-1.13E-4
	CC15	0.0429	0.2394	-0.0880	2.49E-4	-6.52E-5	-5.13E-5
	CC16	-0.0342	0.3046	-0.0868	3.19E-4	1.18E-5	-3.66E-5
	CC17	-0.0518	0.4502	-0.0844	4.74E-4	2.70E-5	2.56E-5
	CC18	0.0686	-0.4790	-0.1010	-5.16E-4	-9.12E-5	-4.28E-5
	CC19	0.0509	-0.3334	-0.0985	-3.61E-4	-7.61E-5	1.94E-5
	CC20	-0.0262	-0.2682	-0.0974	-2.91E-4	1.02E-6	3.41E-5
	CC21	-0.0438	-0.1226	-0.0949	-1.36E-4	1.62E-5	9.63E-5
434	CC1	0.0081	-0.0156	-0.0937	-2.04E-5	-2.92E-5	-1.15E-5
	CC2	0.0081	-0.0156	-0.0937	-2.04E-5	-2.92E-5	-1.15E-5
	CC3	0.0081	-0.0156	-0.0937	-2.04E-5	-2.92E-5	-1.15E-5
	CC4	0.0076	-0.0146	-0.0915	-1.91E-5	-2.71E-5	-1.03E-5
	CC5	0.0076	-0.0146	-0.0915	-1.91E-5	-2.71E-5	-1.03E-5
	CC6	0.1608	-0.3016	-0.0666	-3.17E-4	-1.75E-4	-1.58E-4
	CC7	0.1573	-0.2577	-0.0702	-2.71E-4	-1.71E-4	-1.39E-4
	CC8	0.1652	-0.4735	-0.0524	-4.94E-4	-1.80E-4	-1.37E-4
	CC9	0.1617	-0.4295	-0.0561	-4.49E-4	-1.77E-4	-1.18E-4
	CC10	-0.1468	0.4010	-0.1256	4.12E-4	1.24E-4	9.83E-5
	CC11	-0.1504	0.4449	-0.1292	4.57E-4	1.27E-4	1.17E-4
	CC12	-0.1424	0.2291	-0.1114	2.34E-4	1.18E-4	1.19E-4
	CC13	-0.1459	0.2731	-0.1151	2.80E-4	1.22E-4	1.38E-4
	CC14	0.0520	0.0940	-0.0995	9.27E-5	-6.70E-5	-1.15E-4
	CC15	0.0403	0.2395	-0.1117	2.43E-4	-5.63E-5	-5.25E-5
	CC16	-0.0403	0.3048	-0.1172	3.11E-4	2.27E-5	-3.78E-5
	CC17	-0.0520	0.4503	-0.1294	4.62E-4	3.33E-5	2.43E-5
	CC18	0.0668	-0.4789	-0.0522	-4.99E-4	-8.62E-5	-4.40E-5
	CC19	0.0551	-0.3333	-0.0644	-3.49E-4	-7.56E-5	1.81E-5
	CC20	-0.0255	-0.2681	-0.0699	-2.81E-4	3.42E-6	3.29E-5
	CC21	-0.0372	-0.1225	-0.0821	-1.30E-4	1.41E-5	9.50E-5
435	CC1	0.0066	-0.0132	-0.0983	-2.08E-5	-2.40E-5	2.07E-6
	CC2	0.0066	-0.0132	-0.0983	-2.08E-5	-2.40E-5	2.07E-6
	CC3	0.0066	-0.0132	-0.0983	-2.08E-5	-2.40E-5	2.07E-6
	CC4	0.0061	-0.0123	-0.0958	-1.93E-5	-2.24E-5	1.89E-6
	CC5	0.0061	-0.0123	-0.0958	-1.93E-5	-2.24E-5	1.89E-6
	CC6	0.1569	-0.2750	-0.1269	-3.30E-4	-1.94E-4	-1.32E-4
	CC7	0.1503	-0.2349	-0.1220	-2.81E-4	-1.87E-4	-1.15E-4
	CC8	0.1572	-0.4309	-0.1465	-5.34E-4	-1.98E-4	-1.11E-4
	CC9	0.1506	-0.3908	-0.1416	-4.85E-4	-1.91E-4	-9.41E-5
	CC10	-0.1388	0.3667	-0.0484	4.47E-4	1.47E-4	9.78E-5
	CC11	-0.1453	0.4068	-0.0435	4.96E-4	1.54E-4	1.15E-4
	CC12	-0.1384	0.2108	-0.0680	2.43E-4	1.43E-4	1.18E-4
	CC13	-0.1450	0.2509	-0.0631	2.92E-4	1.50E-4	1.35E-4
	CC14	0.0606	0.0851	-0.0823	1.23E-4	-7.82E-5	-9.48E-5
	CC15	0.0389	0.2179	-0.0660	2.86E-4	-5.47E-5	-3.91E-5
	CC16	-0.0281	0.2776	-0.0587	3.56E-4	2.43E-5	-2.60E-5
	CC17	-0.0498	0.4104	-0.0424	5.19E-4	4.78E-5	2.97E-5
	CC18	0.0617	-0.4345	-0.1476	-5.57E-4	-9.15E-5	-2.60E-5
	CC19	0.0400	-0.3017	-0.1313	-3.94E-4	-6.80E-5	2.96E-5
	CC20	-0.0270	-0.2420	-0.1240	-3.24E-4	1.10E-5	4.28E-5
	CC21	-0.0487	-0.1092	-0.1077	-1.61E-4	3.45E-5	9.84E-5
436	CC1	0.0049	-0.0116	-0.0978	-1.59E-5	-1.59E-5	1.75E-6
	CC2	0.0049	-0.0116	-0.0978	-1.59E-5	-1.59E-5	1.75E-6
	CC3	0.0049	-0.0116	-0.0978	-1.59E-5	-1.59E-5	1.75E-6
	CC4	0.0045	-0.0109	-0.0954	-1.47E-5	-1.50E-5	1.63E-6
	CC5	0.0045	-0.0109	-0.0954	-1.47E-5	-1.50E-5	1.63E-6
	CC6	0.1407	-0.2456	-0.1263	-3.34E-4	-1.92E-4	-1.20E-4
	CC7	0.1348	-0.2099	-0.1214	-2.84E-4	-1.85E-4	-1.04E-4
	CC8	0.1403	-0.3832	-0.1457	-5.43E-4	-1.97E-4	-1.01E-4
	CC9	0.1344	-0.3475	-0.1408	-4.93E-4	-1.89E-4	-8.62E-5
	CC10	-0.1256	0.3262	-0.0483	4.64E-4	1.60E-4	8.94E-5
	CC11	-0.1315	0.3619	-0.0434	5.14E-4	1.68E-4	1.05E-4
	CC12	-0.1260	0.1886	-0.0677	2.56E-4	1.55E-4	1.08E-4
	CC13	-0.1319	0.2243	-0.0628	3.06E-4	1.63E-4	1.23E-4
	CC14	0.0547	0.0738	-0.0820	1.30E-4	-7.18E-5	-8.55E-5
	CC15	0.0351	0.1920	-0.0658	2.96E-4	-4.69E-5	-3.49E-5
	CC16	-0.0252	0.2453	-0.0586	3.70E-4	3.38E-5	-2.28E-5
	CC17	-0.0448	0.3636	-0.0424	5.36E-4	5.88E-5	2.79E-5
	CC18	0.0536	-0.3848	-0.1467	-5.64E-4	-8.82E-5	-2.47E-5

	CC19	0.0340	-0.2666	-0.1305	-3.99E-4	-6.32E-5	2.60E-5
	CC20	-0.0263	-0.2133	-0.1233	-3.25E-4	1.75E-5	3.80E-5
	CC21	-0.0459	-0.0950	-0.1071	-1.59E-4	4.25E-5	8.87E-5
437	CC1	0.0034	-0.0102	-0.0974	-1.78E-5	-1.90E-5	1.67E-6
	CC2	0.0034	-0.0102	-0.0974	-1.78E-5	-1.90E-5	1.67E-6
	CC3	0.0034	-0.0102	-0.0974	-1.78E-5	-1.90E-5	1.67E-6
	CC4	0.0032	-0.0096	-0.0950	-1.65E-5	-1.78E-5	1.57E-6
	CC5	0.0032	-0.0096	-0.0950	-1.65E-5	-1.78E-5	1.57E-6
	CC6	0.1246	-0.2167	-0.1252	-3.27E-4	-1.90E-4	-1.08E-4
	CC7	0.1193	-0.1854	-0.1204	-2.79E-4	-1.84E-4	-9.38E-5
	CC8	0.1240	-0.3369	-0.1440	-5.27E-4	-1.93E-4	-9.19E-5
	CC9	0.1187	-0.3055	-0.1393	-4.79E-4	-1.86E-4	-7.80E-5
	CC10	-0.1126	0.2868	-0.0490	4.47E-4	1.51E-4	8.11E-5
	CC11	-0.1179	0.3182	-0.0442	4.95E-4	1.58E-4	9.50E-5
	CC12	-0.1132	0.1667	-0.0679	2.47E-4	1.49E-4	9.69E-5
	CC13	-0.1185	0.1981	-0.0631	2.95E-4	1.56E-4	1.11E-4
	CC14	0.0483	0.0634	-0.0820	1.22E-4	-7.61E-5	-7.60E-5
	CC15	0.0309	0.1673	-0.0663	2.81E-4	-5.35E-5	-3.02E-5
	CC16	-0.0229	0.2145	-0.0592	3.55E-4	2.64E-5	-1.94E-5
	CC17	-0.0403	0.3183	-0.0434	5.13E-4	4.91E-5	2.64E-5
	CC18	0.0464	-0.3370	-0.1449	-5.46E-4	-8.37E-5	-2.33E-5
	CC19	0.0290	-0.2331	-0.1291	-3.87E-4	-6.11E-5	2.25E-5
	CC20	-0.0248	-0.1860	-0.1220	-3.13E-4	1.88E-5	3.33E-5
	CC21	-0.0422	-0.0821	-0.1062	-1.55E-4	4.15E-5	7.91E-5
438	CC1	0.0054	-0.0135	-0.0915	-2.29E-5	-1.82E-5	-1.34E-6
	CC2	0.0054	-0.0135	-0.0915	-2.29E-5	-1.82E-5	-1.34E-6
	CC3	0.0054	-0.0135	-0.0915	-2.29E-5	-1.82E-5	-1.34E-6
	CC4	0.0050	-0.0127	-0.0895	-2.14E-5	-1.71E-5	-1.27E-6
	CC5	0.0050	-0.0127	-0.0895	-2.14E-5	-1.71E-5	-1.27E-6
	CC6	0.1400	-0.2736	-0.0361	-3.19E-4	-1.67E-4	-1.36E-4
	CC7	0.1384	-0.2337	-0.0442	-2.72E-4	-1.66E-4	-1.19E-4
	CC8	0.1459	-0.4283	-0.0047	-5.15E-4	-1.73E-4	-1.16E-4
	CC9	0.1443	-0.3885	-0.0127	-4.68E-4	-1.72E-4	-9.94E-5
	CC10	-0.1344	0.3637	-0.1649	4.26E-4	1.39E-4	9.69E-5
	CC11	-0.1360	0.4036	-0.1729	4.73E-4	1.40E-4	1.14E-4
	CC12	-0.1285	0.2090	-0.1334	2.30E-4	1.33E-4	1.17E-4
	CC13	-0.1301	0.2488	-0.1414	2.77E-4	1.34E-4	1.34E-4
	CC14	0.0389	0.0840	-0.1086	1.16E-4	-5.46E-5	-9.72E-5
	CC15	0.0336	0.2159	-0.1353	2.72E-4	-5.18E-5	-4.06E-5
	CC16	-0.0434	0.2752	-0.1472	3.39E-4	3.72E-5	-2.73E-5
	CC17	-0.0487	0.4071	-0.1739	4.95E-4	4.00E-5	2.93E-5
	CC18	0.0586	-0.4318	-0.0037	-5.37E-4	-7.35E-5	-3.18E-5
	CC19	0.0533	-0.2999	-0.0303	-3.81E-4	-7.07E-5	2.48E-5
	CC20	-0.0238	-0.2406	-0.0423	-3.14E-4	1.83E-5	3.81E-5
	CC21	-0.0291	-0.1087	-0.0690	-1.58E-4	2.11E-5	9.47E-5
439	CC1	0.0039	-0.0115	-0.0913	-2.21E-5	-1.49E-5	-7.04E-7
	CC2	0.0039	-0.0115	-0.0913	-2.21E-5	-1.49E-5	-7.04E-7
	CC3	0.0039	-0.0115	-0.0913	-2.21E-5	-1.49E-5	-7.04E-7
	CC4	0.0037	-0.0108	-0.0893	-2.07E-5	-1.41E-5	-6.48E-7
	CC5	0.0037	-0.0108	-0.0893	-2.07E-5	-1.41E-5	-6.48E-7
	CC6	0.1258	-0.2454	-0.0363	-3.19E-4	-1.69E-4	-1.22E-4
	CC7	0.1242	-0.2097	-0.0443	-2.72E-4	-1.68E-4	-1.07E-4
	CC8	0.1313	-0.3829	-0.0052	-5.14E-4	-1.75E-4	-1.04E-4
	CC9	0.1298	-0.3472	-0.0132	-4.67E-4	-1.74E-4	-8.86E-5
	CC10	-0.1225	0.3261	-0.1640	4.27E-4	1.46E-4	8.73E-5
	CC11	-0.1241	0.3618	-0.1720	4.73E-4	1.47E-4	1.03E-4
	CC12	-0.1170	0.1886	-0.1329	2.32E-4	1.41E-4	1.05E-4
	CC13	-0.1185	0.2243	-0.1409	2.78E-4	1.41E-4	1.21E-4
	CC14	0.0342	0.0738	-0.1081	1.16E-4	-5.30E-5	-8.75E-5
	CC15	0.0291	0.1920	-0.1345	2.70E-4	-5.05E-5	-3.66E-5
	CC16	-0.0403	0.2452	-0.1464	3.39E-4	4.16E-5	-2.47E-5
	CC17	-0.0454	0.3634	-0.1728	4.93E-4	4.42E-5	2.62E-5
	CC18	0.0527	-0.3845	-0.0044	-5.34E-4	-7.17E-5	-2.74E-5
	CC19	0.0476	-0.2663	-0.0308	-3.80E-4	-6.92E-5	2.35E-5
	CC20	-0.0218	-0.2130	-0.0427	-3.10E-4	2.29E-5	3.54E-5
	CC21	-0.0269	-0.0949	-0.0691	-1.56E-4	2.55E-5	8.63E-5
440	CC1	0.0026	-0.0096	-0.0911	-2.13E-5	-1.51E-5	-3.60E-7
	CC2	0.0026	-0.0096	-0.0911	-2.13E-5	-1.51E-5	-3.60E-7
	CC3	0.0026	-0.0096	-0.0911	-2.13E-5	-1.51E-5	-3.60E-7
	CC4	0.0025	-0.0090	-0.0890	-1.99E-5	-1.42E-5	-3.10E-7
	CC5	0.0025	-0.0090	-0.0890	-1.99E-5	-1.42E-5	-3.10E-7
	CC6	0.1115	-0.2176	-0.0368	-3.18E-4	-1.71E-4	-1.08E-4

	CC7	0.1100	-0.1860	-0.0446	-2.72E-4	-1.70E-4	-9.47E-5
	CC8	0.1166	-0.3386	-0.0062	-5.11E-4	-1.78E-4	-9.20E-5
	CC9	0.1152	-0.3070	-0.0141	-4.65E-4	-1.77E-4	-7.83E-5
	CC10	-0.1104	0.2894	-0.1626	4.26E-4	1.49E-4	7.77E-5
	CC11	-0.1118	0.3210	-0.1705	4.72E-4	1.50E-4	9.14E-5
	CC12	-0.1052	0.1684	-0.1321	2.33E-4	1.42E-4	9.41E-5
	CC13	-0.1066	0.2001	-0.1399	2.79E-4	1.43E-4	1.08E-4
	CC14	0.0295	0.0645	-0.1073	1.14E-4	-5.21E-5	-7.82E-5
	CC15	0.0246	0.1691	-0.1333	2.67E-4	-4.81E-5	-3.29E-5
	CC16	-0.0371	0.2166	-0.1451	3.37E-4	4.38E-5	-2.24E-5
	CC17	-0.0419	0.3212	-0.1711	4.90E-4	4.77E-5	2.29E-5
	CC18	0.0467	-0.3388	-0.0056	-5.29E-4	-7.57E-5	-2.35E-5
	CC19	0.0419	-0.2342	-0.0316	-3.76E-4	-7.17E-5	2.18E-5
	CC20	-0.0198	-0.1867	-0.0434	-3.06E-4	2.02E-5	3.23E-5
	CC21	-0.0246	-0.0821	-0.0694	-1.53E-4	2.42E-5	7.76E-5
441	CC1	0.0094	-0.0153	-0.0968	-2.99E-5	-4.61E-6	1.20E-5
	CC2	0.0094	-0.0153	-0.0968	-2.99E-5	-4.61E-6	1.20E-5
	CC3	0.0094	-0.0153	-0.0968	-2.99E-5	-4.61E-6	1.20E-5
	CC4	0.0087	-0.0144	-0.0944	-2.81E-5	-4.33E-6	1.10E-5
	CC5	0.0087	-0.0144	-0.0944	-2.81E-5	-4.33E-6	1.10E-5
	CC6	0.1747	-0.3110	-0.1274	-3.23E-4	-4.97E-5	-1.37E-4
	CC7	0.1674	-0.2659	-0.1223	-2.76E-4	-4.26E-5	-1.19E-4
	CC8	0.1749	-0.4815	-0.1492	-5.04E-4	-7.77E-5	-1.16E-4
	CC9	0.1676	-0.4363	-0.1440	-4.58E-4	-7.05E-5	-9.74E-5
	CC10	-0.1506	0.4082	-0.0433	4.03E-4	6.20E-5	1.19E-4
	CC11	-0.1579	0.4534	-0.0381	4.49E-4	6.92E-5	1.38E-4
	CC12	-0.1504	0.2378	-0.0650	2.21E-4	3.41E-5	1.40E-4
	CC13	-0.1577	0.2830	-0.0599	2.68E-4	4.12E-5	1.59E-4
	CC14	0.0690	0.0874	-0.0785	8.92E-5	1.37E-5	-9.42E-5
	CC15	0.0448	0.2370	-0.0615	2.43E-4	3.74E-5	-3.20E-5
	CC16	-0.0286	0.3032	-0.0532	3.07E-4	4.73E-5	-1.73E-5
	CC17	-0.0528	0.4528	-0.0363	4.60E-4	7.09E-5	4.49E-5
	CC18	0.0698	-0.4809	-0.1510	-5.15E-4	-7.94E-5	-2.35E-5
	CC19	0.0455	-0.3313	-0.1341	-3.62E-4	-5.57E-5	3.87E-5
	CC20	-0.0278	-0.2651	-0.1258	-2.98E-4	-4.59E-5	5.34E-5
	CC21	-0.0521	-0.1155	-0.1088	-1.44E-4	-2.22E-5	1.16E-4
442	CC1	0.0068	-0.0131	-0.0952	-2.05E-5	-2.50E-5	-1.39E-8
	CC2	0.0068	-0.0131	-0.0952	-2.05E-5	-2.50E-5	-1.39E-8
	CC3	0.0068	-0.0131	-0.0952	-2.05E-5	-2.50E-5	-1.39E-8
	CC4	0.0063	-0.0122	-0.0929	-1.93E-5	-2.34E-5	-4.30E-8
	CC5	0.0063	-0.0122	-0.0929	-1.93E-5	-2.34E-5	-4.30E-8
	CC6	0.1581	-0.2906	-0.0372	-3.35E-4	-1.94E-4	-1.25E-4
	CC7	0.1512	-0.2485	-0.0318	-2.86E-4	-1.87E-4	-1.10E-4
	CC8	0.1578	-0.4427	-0.0612	-5.28E-4	-1.97E-4	-9.98E-5
	CC9	0.1509	-0.4006	-0.0558	-4.79E-4	-1.90E-4	-8.41E-5
	CC10	-0.1386	0.3767	-0.1285	4.41E-4	1.44E-4	8.39E-5
	CC11	-0.1455	0.4187	-0.1231	4.91E-4	1.52E-4	9.97E-5
	CC12	-0.1389	0.2246	-0.1525	2.49E-4	1.41E-4	1.10E-4
	CC13	-0.1458	0.2666	-0.1471	2.98E-4	1.48E-4	1.25E-4
	CC14	0.0625	0.0718	-0.0473	1.05E-4	-7.97E-5	-1.00E-4
	CC15	0.0398	0.2110	-0.0296	2.68E-4	-5.58E-5	-4.80E-5
	CC16	-0.0265	0.2720	-0.0747	3.38E-4	2.18E-5	-3.74E-5
	CC17	-0.0492	0.4112	-0.0570	5.01E-4	4.57E-5	1.49E-5
	CC18	0.0615	-0.4352	-0.1274	-5.38E-4	-9.14E-5	-1.50E-5
	CC19	0.0388	-0.2960	-0.1096	-3.75E-4	-6.75E-5	3.73E-5
	CC20	-0.0275	-0.2350	-0.1548	-3.05E-4	1.01E-5	4.78E-5
	CC21	-0.0502	-0.0958	-0.1370	-1.42E-4	3.40E-5	1.00E-4
443	CC1	0.0048	-0.0113	-0.0951	-1.89E-5	-2.11E-5	4.87E-7
	CC2	0.0048	-0.0113	-0.0951	-1.89E-5	-2.11E-5	4.87E-7
	CC3	0.0048	-0.0113	-0.0951	-1.89E-5	-2.11E-5	4.87E-7
	CC4	0.0044	-0.0106	-0.0928	-1.77E-5	-1.97E-5	5.06E-7
	CC5	0.0044	-0.0106	-0.0928	-1.77E-5	-1.97E-5	5.06E-7
	CC6	0.1416	-0.2608	-0.0373	-3.40E-4	-1.95E-4	-1.16E-4
	CC7	0.1354	-0.2231	-0.0320	-2.90E-4	-1.87E-4	-1.01E-4
	CC8	0.1410	-0.3958	-0.0611	-5.34E-4	-1.99E-4	-9.50E-5
	CC9	0.1348	-0.3582	-0.0558	-4.84E-4	-1.91E-4	-8.01E-5
	CC10	-0.1262	0.3374	-0.1282	4.50E-4	1.52E-4	8.11E-5
	CC11	-0.1324	0.3751	-0.1229	4.99E-4	1.60E-4	9.60E-5
	CC12	-0.1268	0.2023	-0.1520	2.55E-4	1.48E-4	1.02E-4
	CC13	-0.1330	0.2400	-0.1467	3.05E-4	1.56E-4	1.17E-4
	CC14	0.0557	0.0627	-0.0476	1.06E-4	-7.73E-5	-8.83E-5
	CC15	0.0352	0.1874	-0.0300	2.71E-4	-5.20E-5	-3.91E-5

	CC16	-0.0246	0.2421	-0.0748	3.43E-4	2.68E-5	-2.92E-5
	CC17	-0.0451	0.3669	-0.0572	5.07E-4	5.21E-5	1.99E-5
	CC18	0.0537	-0.3876	-0.1268	-5.42E-4	-9.07E-5	-1.89E-5
	CC19	0.0332	-0.2629	-0.1092	-3.78E-4	-6.54E-5	3.02E-5
	CC20	-0.0266	-0.2082	-0.1541	-3.05E-4	1.35E-5	4.02E-5
	CC21	-0.0471	-0.0834	-0.1365	-1.41E-4	3.88E-5	8.93E-5
444	CC1	0.0029	-0.0096	-0.0947	-1.91E-5	-2.25E-5	1.17E-6
	CC2	0.0029	-0.0096	-0.0947	-1.91E-5	-2.25E-5	1.17E-6
	CC3	0.0029	-0.0096	-0.0947	-1.91E-5	-2.25E-5	1.17E-6
	CC4	0.0026	-0.0090	-0.0925	-1.79E-5	-2.09E-5	1.23E-6
	CC5	0.0026	-0.0090	-0.0925	-1.79E-5	-2.09E-5	1.23E-6
	CC6	0.1255	-0.2314	-0.0376	-3.31E-4	-1.90E-4	-1.06E-4
	CC7	0.1199	-0.1981	-0.0324	-2.83E-4	-1.84E-4	-9.26E-5
	CC8	0.1247	-0.3502	-0.0610	-5.19E-4	-1.86E-4	-9.03E-5
	CC9	0.1191	-0.3168	-0.0557	-4.71E-4	-1.80E-4	-7.65E-5
	CC10	-0.1140	0.2992	-0.1277	4.36E-4	1.39E-4	7.90E-5
	CC11	-0.1196	0.3326	-0.1224	4.84E-4	1.45E-4	9.28E-5
	CC12	-0.1148	0.1805	-0.1510	2.48E-4	1.43E-4	9.51E-5
	CC13	-0.1203	0.2138	-0.1458	2.95E-4	1.49E-4	1.09E-4
	CC14	0.0490	0.0543	-0.0479	1.02E-4	-8.67E-5	-7.63E-5
	CC15	0.0306	0.1647	-0.0305	2.61E-4	-6.67E-5	-3.05E-5
	CC16	-0.0229	0.2135	-0.0749	3.32E-4	1.19E-5	-2.07E-5
	CC17	-0.0413	0.3239	-0.0576	4.91E-4	3.19E-5	2.51E-5
	CC18	0.0464	-0.3416	-0.1258	-5.26E-4	-7.28E-5	-2.26E-5
	CC19	0.0280	-0.2311	-0.1085	-3.67E-4	-5.28E-5	2.32E-5
	CC20	-0.0254	-0.1824	-0.1528	-2.96E-4	2.59E-5	3.30E-5
	CC21	-0.0439	-0.0719	-0.1355	-1.37E-4	4.59E-5	7.88E-5
445	CC1	0.0072	-0.0153	-0.0906	-2.47E-5	-3.80E-6	9.78E-6
	CC2	0.0072	-0.0153	-0.0906	-2.47E-5	-3.80E-6	9.78E-6
	CC3	0.0072	-0.0153	-0.0906	-2.47E-5	-3.80E-6	9.78E-6
	CC4	0.0068	-0.0143	-0.0886	-2.32E-5	-3.56E-6	8.94E-6
	CC5	0.0068	-0.0143	-0.0886	-2.32E-5	-3.56E-6	8.94E-6
	CC6	0.1549	-0.3110	-0.0366	-3.23E-4	-4.95E-5	-1.39E-4
	CC7	0.1530	-0.2658	-0.0444	-2.75E-4	-4.23E-5	-1.21E-4
	CC8	0.1612	-0.4814	-0.0065	-5.12E-4	-7.86E-5	-1.18E-4
	CC9	0.1593	-0.4363	-0.0143	-4.65E-4	-7.14E-5	-9.95E-5
	CC10	-0.1460	0.4083	-0.1616	4.19E-4	6.44E-5	1.17E-4
	CC11	-0.1479	0.4535	-0.1694	4.67E-4	7.17E-5	1.36E-4
	CC12	-0.1398	0.2378	-0.1315	2.30E-4	3.53E-5	1.38E-4
	CC13	-0.1417	0.2830	-0.1393	2.77E-4	4.26E-5	1.57E-4
	CC14	0.0445	0.0874	-0.1064	1.03E-4	1.59E-5	-9.62E-5
	CC15	0.0382	0.2371	-0.1324	2.60E-4	4.00E-5	-3.40E-5
	CC16	-0.0458	0.3032	-0.1439	3.26E-4	5.00E-5	-1.93E-5
	CC17	-0.0521	0.4528	-0.1699	4.83E-4	7.42E-5	4.28E-5
	CC18	0.0654	-0.4808	-0.0060	-5.28E-4	-8.11E-5	-2.55E-5
	CC19	0.0590	-0.3312	-0.0320	-3.71E-4	-5.70E-5	3.67E-5
	CC20	-0.0249	-0.2650	-0.0435	-3.06E-4	-4.69E-5	5.14E-5
	CC21	-0.0312	-0.1154	-0.0695	-1.49E-4	-2.28E-5	1.14E-4
446	CC1	0.0054	-0.0130	-0.0896	-2.04E-5	-1.86E-5	1.81E-6
	CC2	0.0054	-0.0130	-0.0896	-2.04E-5	-1.86E-5	1.81E-6
	CC3	0.0054	-0.0130	-0.0896	-2.04E-5	-1.86E-5	1.81E-6
	CC4	0.0051	-0.0122	-0.0876	-1.91E-5	-1.75E-5	1.74E-6
	CC5	0.0051	-0.0122	-0.0876	-1.91E-5	-1.75E-5	1.74E-6
	CC6	0.1410	-0.2905	-0.0363	-3.35E-4	-1.67E-4	-1.30E-4
	CC7	0.1390	-0.2484	-0.0440	-2.86E-4	-1.66E-4	-1.13E-4
	CC8	0.1466	-0.4425	-0.0076	-5.28E-4	-1.73E-4	-1.10E-4
	CC9	0.1446	-0.4005	-0.0153	-4.78E-4	-1.72E-4	-9.28E-5
	CC10	-0.1346	0.3766	-0.1587	4.41E-4	1.38E-4	9.62E-5
	CC11	-0.1366	0.4187	-0.1663	4.90E-4	1.39E-4	1.13E-4
	CC12	-0.1290	0.2246	-0.1299	2.48E-4	1.32E-4	1.17E-4
	CC13	-0.1310	0.2666	-0.1376	2.97E-4	1.33E-4	1.34E-4
	CC14	0.0403	0.0718	-0.1038	1.05E-4	-5.55E-5	-9.49E-5
	CC15	0.0337	0.2110	-0.1292	2.68E-4	-5.05E-5	-3.86E-5
	CC16	-0.0424	0.2720	-0.1405	3.38E-4	3.60E-5	-2.69E-5
	CC17	-0.0489	0.4111	-0.1659	5.00E-4	4.11E-5	2.95E-5
	CC18	0.0589	-0.4350	-0.0081	-5.38E-4	-7.53E-5	-2.60E-5
	CC19	0.0524	-0.2958	-0.0334	-3.75E-4	-7.02E-5	3.03E-5
	CC20	-0.0237	-0.2349	-0.0448	-3.05E-4	1.62E-5	4.20E-5
	CC21	-0.0303	-0.0957	-0.0701	-1.42E-4	2.13E-5	9.83E-5
447	CC1	0.0039	-0.0113	-0.0895	-2.01E-5	-1.66E-5	1.04E-6
	CC2	0.0039	-0.0113	-0.0895	-2.01E-5	-1.66E-5	1.04E-6
	CC3	0.0039	-0.0113	-0.0895	-2.01E-5	-1.66E-5	1.04E-6

	CC4	0.0037	-0.0105	-0.0875	-1.89E-5	-1.57E-5	1.03E-6
	CC5	0.0037	-0.0105	-0.0875	-1.89E-5	-1.57E-5	1.03E-6
	CC6	0.1266	-0.2607	-0.0365	-3.38E-4	-1.70E-4	-1.17E-4
	CC7	0.1248	-0.2230	-0.0441	-2.88E-4	-1.69E-4	-1.02E-4
	CC8	0.1319	-0.3957	-0.0080	-5.30E-4	-1.75E-4	-9.74E-5
	CC9	0.1301	-0.3581	-0.0156	-4.81E-4	-1.74E-4	-8.21E-5
	CC10	-0.1229	0.3375	-0.1582	4.44E-4	1.43E-4	8.42E-5
	CC11	-0.1248	0.3751	-0.1658	4.93E-4	1.44E-4	9.94E-5
	CC12	-0.1176	0.2024	-0.1297	2.51E-4	1.39E-4	1.04E-4
	CC13	-0.1195	0.2401	-0.1373	3.01E-4	1.40E-4	1.19E-4
	CC14	0.0353	0.0627	-0.1035	1.04E-4	-5.66E-5	-8.70E-5
	CC15	0.0291	0.1875	-0.1287	2.67E-4	-5.29E-5	-3.65E-5
	CC16	-0.0396	0.2421	-0.1400	3.39E-4	3.75E-5	-2.67E-5
	CC17	-0.0458	0.3669	-0.1652	5.02E-4	4.12E-5	2.38E-5
	CC18	0.0529	-0.3875	-0.0086	-5.39E-4	-7.18E-5	-2.18E-5
	CC19	0.0467	-0.2628	-0.0338	-3.76E-4	-6.81E-5	2.87E-5
	CC20	-0.0220	-0.2081	-0.0451	-3.04E-4	2.23E-5	3.85E-5
	CC21	-0.0281	-0.0833	-0.0703	-1.41E-4	2.60E-5	8.90E-5
448	CC1	0.0025	-0.0095	-0.0894	-1.96E-5	-1.63E-5	7.97E-7
	CC2	0.0025	-0.0095	-0.0894	-1.96E-5	-1.63E-5	7.97E-7
	CC3	0.0025	-0.0095	-0.0894	-1.96E-5	-1.63E-5	7.97E-7
	CC4	0.0023	-0.0089	-0.0874	-1.84E-5	-1.53E-5	7.98E-7
	CC5	0.0023	-0.0089	-0.0874	-1.84E-5	-1.53E-5	7.98E-7
	CC6	0.1122	-0.2314	-0.0367	-3.30E-4	-1.73E-4	-1.02E-4
	CC7	0.1105	-0.1980	-0.0443	-2.82E-4	-1.71E-4	-8.91E-5
	CC8	0.1172	-0.3501	-0.0086	-5.18E-4	-1.82E-4	-8.33E-5
	CC9	0.1154	-0.3167	-0.0161	-4.70E-4	-1.80E-4	-7.01E-5
	CC10	-0.1109	0.2993	-0.1574	4.34E-4	1.50E-4	7.17E-5
	CC11	-0.1127	0.3327	-0.1649	4.82E-4	1.52E-4	8.49E-5
	CC12	-0.1060	0.1806	-0.1292	2.46E-4	1.41E-4	9.07E-5
	CC13	-0.1078	0.2140	-0.1368	2.94E-4	1.43E-4	1.04E-4
	CC14	0.0304	0.0544	-0.1031	1.02E-4	-5.31E-5	-7.88E-5
	CC15	0.0246	0.1649	-0.1280	2.60E-4	-4.58E-5	-3.51E-5
	CC16	-0.0366	0.2136	-0.1393	3.31E-4	4.38E-5	-2.66E-5
	CC17	-0.0423	0.3241	-0.1642	4.89E-4	5.11E-5	1.71E-5
	CC18	0.0468	-0.3415	-0.0093	-5.25E-4	-8.11E-5	-1.55E-5
	CC19	0.0411	-0.2310	-0.0343	-3.67E-4	-7.38E-5	2.82E-5
	CC20	-0.0201	-0.1823	-0.0455	-2.96E-4	1.58E-5	3.67E-5
	CC21	-0.0259	-0.0718	-0.0704	-1.38E-4	2.30E-5	8.04E-5
449	CC1	0.0008	-0.0204	-0.1154	-5.81E-5	2.37E-5	5.92E-6
	CC2	0.0008	-0.0204	-0.1154	-5.81E-5	2.37E-5	5.92E-6
	CC3	0.0008	-0.0204	-0.1154	-5.81E-5	2.37E-5	5.92E-6
	CC4	0.0009	-0.0190	-0.1111	-5.48E-5	2.21E-5	6.12E-6
	CC5	0.0009	-0.0190	-0.1111	-5.48E-5	2.21E-5	6.12E-6
	CC6	0.1664	-0.0089	-0.0723	-4.66E-5	6.00E-5	-1.42E-4
	CC7	0.1593	-0.0026	-0.0733	-4.27E-5	5.85E-5	-1.23E-4
	CC8	0.1668	-0.2232	-0.0764	-1.52E-4	6.24E-5	-1.21E-4
	CC9	0.1597	-0.2169	-0.0774	-1.48E-4	6.09E-5	-1.02E-4
	CC10	-0.1579	0.1798	-0.1419	4.05E-5	-1.78E-5	1.14E-4
	CC11	-0.1650	0.1861	-0.1429	4.44E-5	-1.94E-5	1.33E-4
	CC12	-0.1575	-0.0346	-0.1460	-6.47E-5	-1.54E-5	1.36E-4
	CC13	-0.1646	-0.0283	-0.1470	-6.09E-5	-1.70E-5	1.54E-4
	CC14	0.0607	0.3000	-0.0907	1.02E-4	3.18E-5	-9.87E-5
	CC15	0.0371	0.3208	-0.0940	1.15E-4	2.66E-5	-3.65E-5
	CC16	-0.0366	0.3566	-0.1116	1.28E-4	8.45E-6	-2.18E-5
	CC17	-0.0602	0.3774	-0.1149	1.41E-4	3.23E-6	4.04E-5
	CC18	0.0620	-0.4146	-0.1043	-2.49E-4	3.98E-5	-2.80E-5
	CC19	0.0384	-0.3937	-0.1077	-2.36E-4	3.46E-5	3.42E-5
	CC20	-0.0353	-0.3580	-0.1252	-2.23E-4	1.64E-5	4.89E-5
	CC21	-0.0589	-0.3371	-0.1286	-2.10E-4	1.12E-5	1.11E-4
450	CC1	0.0009	-0.0211	-0.1133	-5.65E-5	7.23E-6	4.75E-6
	CC2	0.0009	-0.0211	-0.1133	-5.65E-5	7.23E-6	4.75E-6
	CC3	0.0009	-0.0211	-0.1133	-5.65E-5	7.23E-6	4.75E-6
	CC4	0.0010	-0.0198	-0.1091	-5.34E-5	6.55E-6	4.91E-6
	CC5	0.0010	-0.0198	-0.1091	-5.34E-5	6.55E-6	4.91E-6
	CC6	0.1666	0.0093	-0.0728	-3.75E-5	-8.31E-5	-1.43E-4
	CC7	0.1594	0.0132	-0.0737	-3.47E-5	-7.94E-5	-1.24E-4
	CC8	0.1670	-0.2078	-0.0771	-1.39E-4	-8.57E-5	-1.22E-4
	CC9	0.1598	-0.2039	-0.0780	-1.36E-4	-8.20E-5	-1.03E-4
	CC10	-0.1578	0.1653	-0.1374	3.11E-5	9.47E-5	1.13E-4
	CC11	-0.1649	0.1692	-0.1384	3.38E-5	9.83E-5	1.32E-4
	CC12	-0.1574	-0.0518	-0.1418	-7.00E-5	9.21E-5	1.34E-4

	CC13	-0.1645	-0.0479	-0.1427	-6.72E-5	9.57E-5	1.53E-4
	CC14	0.0608	0.3126	-0.0893	1.01E-4	-2.20E-5	-9.99E-5
	CC15	0.0372	0.3256	-0.0923	1.10E-4	-9.92E-6	-3.77E-5
	CC16	-0.0365	0.3594	-0.1087	1.22E-4	3.13E-5	-2.30E-5
	CC17	-0.0601	0.3724	-0.1117	1.31E-4	4.34E-5	3.91E-5
	CC18	0.0622	-0.4110	-0.1037	-2.36E-4	-3.08E-5	-2.92E-5
	CC19	0.0385	-0.3980	-0.1068	-2.27E-4	-1.87E-5	3.30E-5
	CC20	-0.0351	-0.3642	-0.1231	-2.15E-4	2.26E-5	4.77E-5
	CC21	-0.0588	-0.3512	-0.1262	-2.06E-4	3.47E-5	1.10E-4
451	CC1	0.0011	-0.0214	-0.1130	-5.77E-5	3.81E-7	4.44E-6
	CC2	0.0011	-0.0214	-0.1130	-5.77E-5	3.81E-7	4.44E-6
	CC3	0.0011	-0.0214	-0.1130	-5.77E-5	3.81E-7	4.44E-6
	CC4	0.0011	-0.0201	-0.1089	-5.45E-5	7.82E-8	4.45E-6
	CC5	0.0011	-0.0201	-0.1089	-5.45E-5	7.82E-8	4.45E-6
	CC6	0.1667	0.0190	-0.0801	-3.62E-5	-1.32E-4	-1.44E-4
	CC7	0.1596	0.0217	-0.0807	-3.45E-5	-1.27E-4	-1.25E-4
	CC8	0.1671	-0.1995	-0.0846	-1.28E-4	-1.36E-4	-1.22E-4
	CC9	0.1600	-0.1969	-0.0852	-1.26E-4	-1.30E-4	-1.04E-4
	CC10	-0.1576	0.1576	-0.1299	1.89E-5	1.30E-4	1.13E-4
	CC11	-0.1648	0.1603	-0.1305	2.06E-5	1.36E-4	1.31E-4
	CC12	-0.1572	-0.0609	-0.1344	-7.25E-5	1.27E-4	1.34E-4
	CC13	-0.1644	-0.0583	-0.1350	-7.08E-5	1.32E-4	1.53E-4
	CC14	0.0609	0.3194	-0.0916	8.78E-5	-4.22E-5	-1.00E-4
	CC15	0.0373	0.3282	-0.0936	9.34E-5	-2.42E-5	-3.82E-5
	CC16	-0.0364	0.3610	-0.1065	1.04E-4	3.66E-5	-2.35E-5
	CC17	-0.0600	0.3697	-0.1085	1.10E-4	5.46E-5	3.86E-5
	CC18	0.0623	-0.4090	-0.1066	-2.17E-4	-5.46E-5	-2.97E-5
	CC19	0.0387	-0.4002	-0.1086	-2.11E-4	-3.66E-5	3.24E-5
	CC20	-0.0350	-0.3674	-0.1215	-2.00E-4	2.41E-5	4.71E-5
	CC21	-0.0586	-0.3587	-0.1235	-1.95E-4	4.21E-5	1.09E-4
452	CC1	0.0019	-0.0155	-0.1174	-3.76E-5	-1.20E-6	6.05E-6
	CC2	0.0019	-0.0155	-0.1174	-3.76E-5	-1.20E-6	6.05E-6
	CC3	0.0019	-0.0155	-0.1174	-3.76E-5	-1.20E-6	6.05E-6
	CC4	0.0019	-0.0143	-0.1129	-3.51E-5	-1.27E-6	5.99E-6
	CC5	0.0019	-0.0143	-0.1129	-3.51E-5	-1.27E-6	5.99E-6
	CC6	0.1570	-0.0201	-0.0746	-4.27E-5	-1.75E-4	-1.29E-4
	CC7	0.1503	-0.0124	-0.0756	-3.33E-5	-1.68E-4	-1.12E-4
	CC8	0.1573	-0.2189	-0.0783	-2.36E-4	-1.78E-4	-1.09E-4
	CC9	0.1506	-0.2111	-0.0793	-2.26E-4	-1.71E-4	-9.20E-5
	CC10	-0.1468	0.1832	-0.1435	1.58E-4	1.69E-4	1.04E-4
	CC11	-0.1535	0.1910	-0.1445	1.67E-4	1.75E-4	1.21E-4
	CC12	-0.1465	-0.0155	-0.1472	-3.52E-5	1.66E-4	1.24E-4
	CC13	-0.1532	-0.0078	-0.1482	-2.58E-5	1.73E-4	1.41E-4
	CC14	0.0581	0.2740	-0.0932	2.42E-4	-5.95E-5	-8.98E-5
	CC15	0.0359	0.2996	-0.0965	2.73E-4	-3.66E-5	-3.32E-5
	CC16	-0.0330	0.3350	-0.1139	3.02E-4	4.36E-5	-2.00E-5
	CC17	-0.0553	0.3606	-0.1171	3.33E-4	6.65E-5	3.66E-5
	CC18	0.0591	-0.3885	-0.1057	-4.02E-4	-6.91E-5	-2.47E-5
	CC19	0.0368	-0.3629	-0.1089	-3.71E-4	-4.62E-5	3.20E-5
	CC20	-0.0321	-0.3275	-0.1263	-3.41E-4	3.40E-5	4.51E-5
	CC21	-0.0543	-0.3019	-0.1296	-3.10E-4	5.69E-5	1.02E-4
453	CC1	0.0011	-0.0128	-0.1165	-2.41E-5	-1.44E-5	4.96E-6
	CC2	0.0011	-0.0128	-0.1165	-2.41E-5	-1.44E-5	4.96E-6
	CC3	0.0011	-0.0128	-0.1165	-2.41E-5	-1.44E-5	4.96E-6
	CC4	0.0011	-0.0119	-0.1120	-2.21E-5	-1.35E-5	4.91E-6
	CC5	0.0011	-0.0119	-0.1120	-2.21E-5	-1.35E-5	4.91E-6
	CC6	0.1386	-0.0168	-0.0742	-3.27E-5	-2.36E-4	-1.16E-4
	CC7	0.1326	-0.0100	-0.0752	-2.10E-5	-2.27E-4	-1.01E-4
	CC8	0.1389	-0.1957	-0.0778	-2.86E-4	-2.39E-4	-9.81E-5
	CC9	0.1329	-0.1889	-0.0788	-2.74E-4	-2.31E-4	-8.27E-5
	CC10	-0.1307	0.1658	-0.1423	2.31E-4	2.04E-4	9.24E-5
	CC11	-0.1367	0.1726	-0.1433	2.43E-4	2.13E-4	1.08E-4
	CC12	-0.1304	-0.0131	-0.1460	-2.19E-5	2.01E-4	1.11E-4
	CC13	-0.1364	-0.0063	-0.1469	-1.02E-5	2.10E-4	1.26E-4
	CC14	0.0510	0.2480	-0.0926	3.42E-4	-8.83E-5	-8.22E-5
	CC15	0.0311	0.2705	-0.0959	3.80E-4	-5.93E-5	-3.12E-5
	CC16	-0.0298	0.3028	-0.1131	4.21E-4	4.37E-5	-1.96E-5
	CC17	-0.0497	0.3252	-0.1163	4.59E-4	7.28E-5	3.14E-5
	CC18	0.0519	-0.3483	-0.1048	-5.02E-4	-9.92E-5	-2.16E-5
	CC19	0.0321	-0.3259	-0.1081	-4.64E-4	-7.02E-5	2.94E-5
	CC20	-0.0288	-0.2936	-0.1252	-4.23E-4	3.29E-5	4.10E-5
	CC21	-0.0487	-0.2711	-0.1285	-3.84E-4	6.19E-5	9.20E-5

454	CC1	-0.0001	-0.0109	-0.1156	-2.01E-5	-9.03E-6	3.87E-6
	CC2	-0.0001	-0.0109	-0.1156	-2.01E-5	-9.03E-6	3.87E-6
	CC3	-0.0001	-0.0109	-0.1156	-2.01E-5	-9.03E-6	3.87E-6
	CC4	0.0000	-0.0102	-0.1112	-1.82E-5	-8.62E-6	3.83E-6
	CC5	0.0000	-0.0102	-0.1112	-1.82E-5	-8.62E-6	3.83E-6
	CC6	0.1201	-0.0137	-0.0741	-2.43E-5	-1.99E-4	-1.04E-4
	CC7	0.1148	-0.0079	-0.0751	-1.27E-5	-1.92E-4	-9.03E-5
	CC8	0.1195	-0.1701	-0.0777	-3.05E-4	-2.02E-4	-8.74E-5
	CC9	0.1143	-0.1644	-0.0786	-2.93E-4	-1.94E-4	-7.37E-5
	CC10	-0.1141	0.1446	-0.1408	2.58E-4	1.77E-4	8.14E-5
	CC11	-0.1194	0.1504	-0.1418	2.70E-4	1.85E-4	9.50E-5
	CC12	-0.1147	-0.0118	-0.1444	-2.24E-5	1.75E-4	9.80E-5
	CC13	-0.1199	-0.0061	-0.1453	-1.09E-5	1.82E-4	1.12E-4
	CC14	0.0448	0.2176	-0.0922	3.89E-4	-7.32E-5	-7.44E-5
	CC15	0.0274	0.2366	-0.0954	4.27E-4	-4.83E-5	-2.90E-5
	CC16	-0.0255	0.2651	-0.1122	4.73E-4	3.98E-5	-1.88E-5
	CC17	-0.0429	0.2841	-0.1154	5.12E-4	6.46E-5	2.66E-5
	CC18	0.0430	-0.3039	-0.1041	-5.47E-4	-8.16E-5	-1.89E-5
	CC19	0.0256	-0.2849	-0.1072	-5.08E-4	-5.67E-5	-2.64E-5
	CC20	-0.0273	-0.2564	-0.1241	-4.62E-4	3.14E-5	3.67E-5
	CC21	-0.0447	-0.2374	-0.1272	-4.24E-4	5.62E-5	8.20E-5
455	CC1	0.0009	-0.0174	-0.1128	-3.93E-5	-4.15E-6	4.29E-6
	CC2	0.0009	-0.0174	-0.1128	-3.93E-5	-4.15E-6	4.29E-6
	CC3	0.0009	-0.0174	-0.1128	-3.93E-5	-4.15E-6	4.29E-6
	CC4	0.0009	-0.0163	-0.1087	-3.70E-5	-4.10E-6	4.00E-6
	CC5	0.0009	-0.0163	-0.1087	-3.70E-5	-4.10E-6	4.00E-6
	CC6	0.1520	0.0299	-0.0893	1.97E-6	-1.77E-4	-1.32E-4
	CC7	0.1454	0.0311	-0.0895	5.02E-6	-1.70E-4	-1.15E-4
	CC8	0.1523	-0.1781	-0.0937	-1.89E-4	-1.80E-4	-1.12E-4
	CC9	0.1457	-0.1769	-0.0939	-1.86E-4	-1.73E-4	-9.52E-5
	CC10	-0.1438	0.1451	-0.1207	1.13E-4	1.65E-4	1.03E-4
	CC11	-0.1504	0.1463	-0.1209	1.16E-4	1.72E-4	1.20E-4
	CC12	-0.1435	-0.0629	-0.1251	-7.76E-5	1.62E-4	1.23E-4
	CC13	-0.1501	-0.0617	-0.1253	-7.45E-5	1.69E-4	1.40E-4
	CC14	0.0557	0.3116	-0.0949	2.60E-4	-6.20E-5	-9.29E-5
	CC15	0.0340	0.3155	-0.0956	2.70E-4	-3.94E-5	-3.58E-5
	CC16	-0.0331	0.3461	-0.1043	2.93E-4	4.05E-5	-2.23E-5
	CC17	-0.0548	0.3501	-0.1050	3.03E-4	6.31E-5	3.48E-5
	CC18	0.0567	-0.3819	-0.1096	-3.76E-4	-7.13E-5	-2.70E-5
	CC19	0.0350	-0.3779	-0.1103	-3.66E-4	-4.87E-5	3.02E-5
	CC20	-0.0321	-0.3473	-0.1190	-3.42E-4	3.12E-5	4.36E-5
	CC21	-0.0538	-0.3433	-0.1197	-3.32E-4	5.39E-5	1.01E-4
456	CC1	0.0005	-0.0145	-0.1123	-2.71E-5	-4.03E-6	3.72E-6
	CC2	0.0005	-0.0145	-0.1123	-2.71E-5	-4.03E-6	3.72E-6
	CC3	0.0005	-0.0145	-0.1123	-2.71E-5	-4.03E-6	3.72E-6
	CC4	0.0006	-0.0136	-0.1082	-2.53E-5	-3.99E-6	3.43E-6
	CC5	0.0006	-0.0136	-0.1082	-2.53E-5	-3.99E-6	3.43E-6
	CC6	0.1368	0.0285	-0.0891	2.73E-5	-1.80E-4	-1.20E-4
	CC7	0.1308	0.0294	-0.0893	3.12E-5	-1.73E-4	-1.04E-4
	CC8	0.1372	-0.1591	-0.0934	-2.40E-4	-1.82E-4	-1.01E-4
	CC9	0.1312	-0.1582	-0.0936	-2.36E-4	-1.76E-4	-8.58E-5
	CC10	-0.1300	0.1317	-0.1201	1.86E-4	1.68E-4	9.25E-5
	CC11	-0.1360	0.1326	-0.1203	1.90E-4	1.74E-4	1.08E-4
	CC12	-0.1296	-0.0559	-0.1243	-8.07E-5	1.65E-4	1.11E-4
	CC13	-0.1356	-0.0550	-0.1246	-7.67E-5	1.72E-4	1.26E-4
	CC14	0.0498	0.2825	-0.0948	3.90E-4	-6.26E-5	-8.49E-5
	CC15	0.0301	0.2854	-0.0955	4.03E-4	-3.98E-5	-3.32E-5
	CC16	-0.0302	0.3135	-0.1041	4.38E-4	4.15E-5	-2.12E-5
	CC17	-0.0499	0.3164	-0.1048	4.51E-4	6.43E-5	3.04E-5
	CC18	0.0511	-0.3429	-0.1089	-5.00E-4	-7.23E-5	-2.38E-5
	CC19	0.0314	-0.3400	-0.1096	-4.87E-4	-4.94E-5	2.78E-5
	CC20	-0.0289	-0.3119	-0.1182	-4.52E-4	3.18E-5	3.99E-5
	CC21	-0.0486	-0.3090	-0.1189	-4.39E-4	5.47E-5	9.15E-5
457	CC1	0.0002	-0.0124	-0.1117	-2.30E-5	-3.41E-6	2.98E-6
	CC2	0.0002	-0.0124	-0.1117	-2.30E-5	-3.41E-6	2.98E-6
	CC3	0.0002	-0.0124	-0.1117	-2.30E-5	-3.41E-6	2.98E-6
	CC4	0.0003	-0.0116	-0.1076	-2.13E-5	-3.39E-6	2.71E-6
	CC5	0.0003	-0.0116	-0.1076	-2.13E-5	-3.39E-6	2.71E-6
	CC6	0.1223	0.0261	-0.0888	4.24E-5	-1.76E-4	-1.06E-4
	CC7	0.1170	0.0266	-0.0890	4.57E-5	-1.69E-4	-9.26E-5
	CC8	0.1217	-0.1377	-0.0928	-2.59E-4	-1.79E-4	-8.97E-5
	CC9	0.1164	-0.1371	-0.0930	-2.56E-4	-1.72E-4	-7.59E-5

	CC10	-0.1158	0.1145	-0.1195	2.15E-4	1.65E-4	8.12E-5
	CC11	-0.1212	0.1151	-0.1197	2.18E-4	1.72E-4	9.50E-5
	CC12	-0.1164	-0.0492	-0.1236	-8.72E-5	1.63E-4	9.79E-5
	CC13	-0.1217	-0.0486	-0.1238	-8.39E-5	1.69E-4	1.12E-4
	CC14	0.0458	0.2474	-0.0945	4.51E-4	-6.14E-5	-7.62E-5
	CC15	0.0281	0.2492	-0.0952	4.62E-4	-3.89E-5	-3.05E-5
	CC16	-0.0257	0.2739	-0.1038	5.02E-4	4.10E-5	-1.99E-5
	CC17	-0.0434	0.2757	-0.1045	5.13E-4	6.36E-5	2.58E-5
	CC18	0.0439	-0.2983	-0.1081	-5.55E-4	-7.04E-5	-2.06E-5
	CC19	0.0262	-0.2965	-0.1088	-5.44E-4	-4.78E-5	2.52E-5
	CC20	-0.0275	-0.2718	-0.1173	-5.03E-4	3.21E-5	3.57E-5
	CC21	-0.0452	-0.2700	-0.1180	-4.92E-4	5.47E-5	8.15E-5
458	CC1	0.0014	-0.0221	-0.1135	-5.44E-5	-4.68E-6	2.65E-6
	CC2	0.0014	-0.0221	-0.1135	-5.44E-5	-4.68E-6	2.65E-6
	CC3	0.0014	-0.0221	-0.1135	-5.44E-5	-4.68E-6	2.65E-6
	CC4	0.0015	-0.0207	-0.1094	-5.16E-5	-4.43E-6	2.08E-6
	CC5	0.0015	-0.0207	-0.1094	-5.16E-5	-4.43E-6	2.08E-6
	CC6	0.1670	0.0419	-0.1007	-2.81E-5	-1.43E-4	-1.46E-4
	CC7	0.1599	0.0416	-0.1004	-2.77E-5	-1.37E-4	-1.27E-4
	CC8	0.1674	-0.1800	-0.1050	-1.26E-4	-1.39E-4	-1.25E-4
	CC9	0.1603	-0.1803	-0.1047	-1.26E-4	-1.33E-4	-1.06E-4
	CC10	-0.1573	0.1399	-0.1113	2.45E-5	1.24E-4	1.10E-4
	CC11	-0.1644	0.1396	-0.1110	2.49E-5	1.30E-4	1.29E-4
	CC12	-0.1569	-0.0820	-0.1156	-7.35E-5	1.28E-4	1.31E-4
	CC13	-0.1640	-0.0823	-0.1153	-7.31E-5	1.34E-4	1.50E-4
	CC14	0.0612	0.3355	-0.0997	1.04E-4	-6.01E-5	-1.03E-4
	CC15	0.0377	0.3343	-0.0987	1.05E-4	-4.18E-5	-4.08E-5
	CC16	-0.0360	0.3649	-0.1029	1.20E-4	2.00E-5	-2.61E-5
	CC17	-0.0596	0.3637	-0.1019	1.21E-4	3.83E-5	3.61E-5
	CC18	0.0626	-0.4041	-0.1141	-2.22E-4	-4.70E-5	-3.23E-5
	CC19	0.0390	-0.4052	-0.1131	-2.21E-4	-2.87E-5	2.99E-5
	CC20	-0.0347	-0.3747	-0.1173	-2.07E-4	3.31E-5	4.46E-5
	CC21	-0.0582	-0.3758	-0.1163	-2.05E-4	5.14E-5	1.07E-4
459	CC1	0.0016	-0.0222	-0.1140	-5.02E-5	-6.61E-6	1.32E-6
	CC2	0.0016	-0.0222	-0.1140	-5.02E-5	-6.61E-6	1.32E-6
	CC3	0.0016	-0.0222	-0.1140	-5.02E-5	-6.61E-6	1.32E-6
	CC4	0.0017	-0.0208	-0.1098	-4.76E-5	-6.32E-6	6.24E-7
	CC5	0.0017	-0.0208	-0.1098	-4.76E-5	-6.32E-6	6.24E-7
	CC6	0.1672	0.0553	-0.1173	-1.91E-5	-1.44E-4	-1.48E-4
	CC7	0.1601	0.0532	-0.1165	-1.89E-5	-1.38E-4	-1.29E-4
	CC8	0.1676	-0.1685	-0.1213	-1.30E-4	-1.41E-4	-1.27E-4
	CC9	0.1605	-0.1706	-0.1205	-1.30E-4	-1.36E-4	-1.08E-4
	CC10	-0.1571	0.1300	-0.0964	3.65E-5	1.23E-4	1.09E-4
	CC11	-0.1642	0.1280	-0.0956	3.67E-5	1.29E-4	1.27E-4
	CC12	-0.1566	-0.0938	-0.1004	-7.46E-5	1.26E-4	1.30E-4
	CC13	-0.1638	-0.0958	-0.0996	-7.43E-5	1.31E-4	1.49E-4
	CC14	0.0614	0.3449	-0.1062	1.30E-4	-5.92E-5	-1.04E-4
	CC15	0.0379	0.3381	-0.1036	1.30E-4	-4.08E-5	-4.23E-5
	CC16	-0.0359	0.3673	-0.1000	1.46E-4	2.09E-5	-2.76E-5
	CC17	-0.0594	0.3606	-0.0973	1.47E-4	3.93E-5	3.46E-5
	CC18	0.0628	-0.4011	-0.1196	-2.40E-4	-5.18E-5	-3.38E-5
	CC19	0.0393	-0.4079	-0.1169	-2.40E-4	-3.33E-5	2.84E-5
	CC20	-0.0345	-0.3787	-0.1133	-2.24E-4	2.83E-5	4.31E-5
	CC21	-0.0580	-0.3854	-0.1106	-2.23E-4	4.68E-5	1.05E-4
460	CC1	0.0019	-0.0223	-0.1149	-4.74E-5	-1.63E-5	8.19E-7
	CC2	0.0019	-0.0223	-0.1149	-4.74E-5	-1.63E-5	8.19E-7
	CC3	0.0019	-0.0223	-0.1149	-4.74E-5	-1.63E-5	8.19E-7
	CC4	0.0019	-0.0208	-0.1107	-4.51E-5	-1.55E-5	1.75E-7
	CC5	0.0019	-0.0208	-0.1107	-4.51E-5	-1.55E-5	1.75E-7
	CC6	0.1673	0.0687	-0.1302	-1.60E-5	-1.45E-4	-1.48E-4
	CC7	0.1602	0.0649	-0.1289	-1.60E-5	-1.40E-4	-1.29E-4
	CC8	0.1678	-0.1570	-0.1341	-1.31E-4	-1.47E-4	-1.27E-4
	CC9	0.1607	-0.1608	-0.1328	-1.31E-4	-1.41E-4	-1.08E-4
	CC10	-0.1568	0.1202	-0.0858	4.20E-5	1.11E-4	1.08E-4
	CC11	-0.1639	0.1165	-0.0845	4.20E-5	1.16E-4	1.27E-4
	CC12	-0.1564	-0.1055	-0.0897	-7.27E-5	1.10E-4	1.29E-4
	CC13	-0.1635	-0.1092	-0.0884	-7.27E-5	1.15E-4	1.48E-4
	CC14	0.0616	0.3544	-0.1117	1.38E-4	-6.08E-5	-1.05E-4
	CC15	0.0381	0.3420	-0.1073	1.38E-4	-4.30E-5	-4.27E-5
	CC16	-0.0357	0.3699	-0.0983	1.55E-4	1.61E-5	-2.80E-5
	CC17	-0.0592	0.3574	-0.0940	1.55E-4	3.38E-5	3.41E-5
	CC18	0.0630	-0.3980	-0.1246	-2.44E-4	-6.44E-5	-3.42E-5

	CC19	0.0395	-0.4104	-0.1202	-2.44E-4	-4.66E-5	2.79E-5
	CC20	-0.0342	-0.3826	-0.1112	-2.27E-4	1.25E-5	4.27E-5
	CC21	-0.0577	-0.3950	-0.1069	-2.27E-4	3.02E-5	1.05E-4
461	CC1	0.0002	-0.0188	-0.1164	-3.70E-5	-3.96E-6	1.07E-6
	CC2	0.0002	-0.0188	-0.1164	-3.70E-5	-3.96E-6	1.07E-6
	CC3	0.0002	-0.0188	-0.1164	-3.70E-5	-3.96E-6	1.07E-6
	CC4	0.0003	-0.0174	-0.1121	-3.48E-5	-3.97E-6	6.36E-7
	CC5	0.0003	-0.0174	-0.1121	-3.48E-5	-3.97E-6	6.36E-7
	CC6	0.1529	0.0798	-0.1429	4.53E-5	-1.80E-4	-1.36E-4
	CC7	0.1463	0.0745	-0.1411	4.28E-5	-1.73E-4	-1.19E-4
	CC8	0.1533	-0.1339	-0.1466	-1.57E-4	-1.83E-4	-1.16E-4
	CC9	0.1467	-0.1393	-0.1448	-1.60E-4	-1.76E-4	-9.83E-5
	CC10	-0.1459	0.1054	-0.0765	9.19E-5	1.68E-4	9.93E-5
	CC11	-0.1525	0.1001	-0.0748	8.94E-5	1.75E-4	1.17E-4
	CC12	-0.1456	-0.1084	-0.0802	-1.11E-4	1.65E-4	1.19E-4
	CC13	-0.1521	-0.1137	-0.0785	-1.13E-4	1.72E-4	1.37E-4
	CC14	0.0554	0.3443	-0.1174	3.01E-4	-6.33E-5	-9.70E-5
	CC15	0.0337	0.3267	-0.1115	2.93E-4	-4.03E-5	-3.98E-5
	CC16	-0.0342	0.3520	-0.0975	3.15E-4	4.10E-5	-2.65E-5
	CC17	-0.0560	0.3344	-0.0916	3.07E-4	6.41E-5	3.07E-5
	CC18	0.0567	-0.3682	-0.1297	-3.75E-4	-7.20E-5	-2.97E-5
	CC19	0.0350	-0.3859	-0.1238	-3.83E-4	-4.90E-5	2.75E-5
	CC20	-0.0329	-0.3605	-0.1098	-3.61E-4	3.23E-5	4.08E-5
	CC21	-0.0547	-0.3782	-0.1039	-3.69E-4	5.54E-5	9.80E-5
462	CC1	0.0004	-0.0158	-0.1153	-3.18E-5	5.17E-6	2.85E-7
	CC2	0.0004	-0.0158	-0.1153	-3.18E-5	5.17E-6	2.85E-7
	CC3	0.0004	-0.0158	-0.1153	-3.18E-5	5.17E-6	2.85E-7
	CC4	0.0005	-0.0146	-0.1111	-2.95E-5	4.63E-6	-8.80E-8
	CC5	0.0005	-0.0146	-0.1111	-2.95E-5	4.63E-6	-8.80E-8
	CC6	0.1372	0.0737	-0.1420	8.58E-5	-1.86E-4	-1.23E-4
	CC7	0.1312	0.0687	-0.1402	8.15E-5	-1.78E-4	-1.08E-4
	CC8	0.1376	-0.1193	-0.1456	-1.83E-4	-1.89E-4	-1.05E-4
	CC9	0.1317	-0.1244	-0.1438	-1.87E-4	-1.81E-4	-8.93E-5
	CC10	-0.1307	0.0960	-0.0756	1.29E-4	1.90E-4	8.88E-5
	CC11	-0.1366	0.0910	-0.0738	1.25E-4	1.98E-4	1.04E-4
	CC12	-0.1302	-0.0971	-0.0792	-1.39E-4	1.87E-4	1.07E-4
	CC13	-0.1361	-0.1021	-0.0774	-1.43E-4	1.95E-4	1.23E-4
	CC14	0.0497	0.3125	-0.1166	4.19E-4	-5.91E-5	-8.83E-5
	CC15	0.0301	0.2959	-0.1107	4.05E-4	-3.44E-5	-3.66E-5
	CC16	-0.0306	0.3192	-0.0967	4.32E-4	5.37E-5	-2.47E-5
	CC17	-0.0502	0.3026	-0.0908	4.18E-4	7.85E-5	2.70E-5
	CC18	0.0513	-0.3310	-0.1286	-4.76E-4	-6.96E-5	-2.74E-5
	CC19	0.0316	-0.3476	-0.1227	-4.90E-4	-4.48E-5	2.43E-5
	CC20	-0.0291	-0.3243	-0.1087	-4.62E-4	4.33E-5	3.62E-5
	CC21	-0.0487	-0.3409	-0.1028	-4.77E-4	6.80E-5	8.79E-5
463	CC1	0.0007	-0.0130	-0.1144	-3.10E-5	1.20E-6	-7.33E-7
	CC2	0.0007	-0.0130	-0.1144	-3.10E-5	1.20E-6	-7.33E-7
	CC3	0.0007	-0.0130	-0.1144	-3.10E-5	1.20E-6	-7.33E-7
	CC4	0.0008	-0.0121	-0.1102	-2.86E-5	9.51E-7	-1.00E-6
	CC5	0.0008	-0.0121	-0.1102	-2.86E-5	9.51E-7	-1.00E-6
	CC6	0.1223	0.0657	-0.1406	1.05E-4	-1.80E-4	-1.10E-4
	CC7	0.1171	0.0612	-0.1388	9.95E-5	-1.73E-4	-9.61E-5
	CC8	0.1217	-0.1035	-0.1441	-1.95E-4	-1.83E-4	-9.35E-5
	CC9	0.1165	-0.1081	-0.1423	-2.01E-4	-1.76E-4	-7.96E-5
	CC10	-0.1148	0.0846	-0.0754	1.45E-4	1.77E-4	7.75E-5
	CC11	-0.1201	0.0800	-0.0736	1.40E-4	1.85E-4	9.13E-5
	CC12	-0.1154	-0.0846	-0.0789	-1.55E-4	1.74E-4	9.39E-5
	CC13	-0.1207	-0.0892	-0.0771	-1.61E-4	1.81E-4	1.08E-4
	CC14	0.0461	0.2750	-0.1157	4.77E-4	-5.94E-5	-7.95E-5
	CC15	0.0286	0.2599	-0.1099	4.57E-4	-3.59E-5	-3.37E-5
	CC16	-0.0250	0.2807	-0.0961	4.89E-4	4.78E-5	-2.33E-5
	CC17	-0.0425	0.2655	-0.0903	4.69E-4	7.13E-5	2.25E-5
	CC18	0.0441	-0.2890	-0.1274	-5.25E-4	-6.96E-5	-2.47E-5
	CC19	0.0267	-0.3041	-0.1216	-5.44E-4	-4.61E-5	2.11E-5
	CC20	-0.0270	-0.2833	-0.1078	-5.13E-4	3.76E-5	3.15E-5
	CC21	-0.0445	-0.2985	-0.1020	-5.32E-4	6.11E-5	7.73E-5
464	CC1	0.0035	-0.0216	-0.1008	9.42E-7	-1.01E-5	1.03E-5
	CC2	0.0035	-0.0216	-0.1008	9.42E-7	-1.01E-5	1.03E-5
	CC3	0.0035	-0.0216	-0.1008	9.42E-7	-1.01E-5	1.03E-5
	CC4	0.0035	-0.0203	-0.0978	8.94E-7	-9.61E-6	9.12E-6
	CC5	0.0035	-0.0203	-0.0978	8.94E-7	-9.61E-6	9.12E-6
	CC6	0.1467	0.0277	-0.0668	1.28E-5	-1.38E-4	-1.39E-4

	CC7	0.1465	0.0292	-0.0657	1.29E-5	-1.39E-4	-1.21E-4
	CC8	0.1549	-0.1921	-0.0804	1.10E-5	-1.19E-4	-1.18E-4
	CC9	0.1547	-0.1906	-0.0792	1.11E-5	-1.20E-4	-9.94E-5
	CC10	-0.1478	0.1509	-0.1143	-9.37E-6	1.01E-4	1.17E-4
	CC11	-0.1480	0.1524	-0.1132	-9.28E-6	9.97E-5	1.36E-4
	CC12	-0.1396	-0.0689	-0.1279	-1.12E-5	1.20E-4	1.38E-4
	CC13	-0.1398	-0.0674	-0.1267	-1.11E-5	1.19E-4	1.57E-4
	CC14	0.0343	0.3255	-0.0689	7.06E-6	-7.58E-5	-9.61E-5
	CC15	0.0336	0.3305	-0.0651	7.37E-6	-7.92E-5	-3.40E-5
	CC16	-0.0540	0.3624	-0.0831	3.98E-7	-4.27E-6	-1.93E-5
	CC17	-0.0547	0.3674	-0.0794	7.06E-7	-7.59E-6	4.29E-5
	CC18	0.0616	-0.4072	-0.1141	1.05E-6	-1.13E-5	-2.55E-5
	CC19	0.0609	-0.4022	-0.1104	1.36E-6	-1.46E-5	3.67E-5
	CC20	-0.0267	-0.3702	-0.1284	-5.61E-6	6.03E-5	5.14E-5
	CC21	-0.0274	-0.3652	-0.1246	-5.30E-6	5.70E-5	1.14E-4
465	CC1	0.0045	-0.0213	-0.0980	1.02E-6	-1.09E-5	1.43E-5
	CC2	0.0045	-0.0213	-0.0980	1.02E-6	-1.09E-5	1.43E-5
	CC3	0.0045	-0.0213	-0.0980	1.02E-6	-1.09E-5	1.43E-5
	CC4	0.0043	-0.0200	-0.0951	9.50E-7	-1.02E-5	1.26E-5
	CC5	0.0043	-0.0200	-0.0951	9.50E-7	-1.02E-5	1.26E-5
	CC6	0.1433	0.0268	-0.0692	1.40E-5	-1.50E-4	-1.36E-4
	CC7	0.1446	0.0285	-0.0682	1.42E-5	-1.53E-4	-1.17E-4
	CC8	0.1532	-0.1928	-0.0653	1.18E-5	-1.27E-4	-1.15E-4
	CC9	0.1545	-0.1911	-0.0643	1.21E-5	-1.30E-4	-9.61E-5
	CC10	-0.1460	0.1519	-0.1241	-1.03E-5	1.10E-4	1.20E-4
	CC11	-0.1446	0.1536	-0.1230	-9.99E-6	1.07E-4	1.39E-4
	CC12	-0.1361	-0.0677	-0.1201	-1.24E-5	1.33E-4	1.41E-4
	CC13	-0.1348	-0.0661	-0.1191	-1.21E-5	1.30E-4	1.60E-4
	CC14	0.0290	0.3250	-0.0943	7.63E-6	-8.20E-5	-9.29E-5
	CC15	0.0333	0.3304	-0.0909	8.51E-6	-9.14E-5	-3.07E-5
	CC16	-0.0578	0.3625	-0.1107	3.71E-7	-3.98E-6	-1.60E-5
	CC17	-0.0534	0.3679	-0.1073	1.25E-6	-1.34E-5	4.62E-5
	CC18	0.0620	-0.4072	-0.0810	6.08E-7	-6.54E-6	-2.22E-5
	CC19	0.0663	-0.4017	-0.0776	1.49E-6	-1.60E-5	4.00E-5
	CC20	-0.0248	-0.3696	-0.0975	-6.65E-6	7.15E-5	5.47E-5
	CC21	-0.0205	-0.3642	-0.0941	-5.78E-6	6.20E-5	1.17E-4
466	CC1	0.0057	-0.0211	-0.0954	1.22E-6	-1.31E-5	1.54E-5
	CC2	0.0057	-0.0211	-0.0954	1.22E-6	-1.31E-5	1.54E-5
	CC3	0.0057	-0.0211	-0.0954	1.22E-6	-1.31E-5	1.54E-5
	CC4	0.0054	-0.0198	-0.0927	1.12E-6	-1.20E-5	1.35E-5
	CC5	0.0054	-0.0198	-0.0927	1.12E-6	-1.20E-5	1.35E-5
	CC6	0.1404	0.0260	-0.0713	1.56E-5	-1.67E-4	-1.35E-4
	CC7	0.1432	0.0277	-0.0704	1.60E-5	-1.72E-4	-1.16E-4
	CC8	0.1520	-0.1935	-0.0500	1.30E-5	-1.40E-4	-1.14E-4
	CC9	0.1548	-0.1917	-0.0491	1.34E-5	-1.44E-4	-9.52E-5
	CC10	-0.1442	0.1530	-0.1344	-1.13E-5	1.21E-4	1.21E-4
	CC11	-0.1414	0.1548	-0.1335	-1.08E-5	1.16E-4	1.40E-4
	CC12	-0.1326	-0.0665	-0.1131	-1.38E-5	1.49E-4	1.42E-4
	CC13	-0.1298	-0.0647	-0.1122	-1.34E-5	1.44E-4	1.61E-4
	CC14	0.0240	0.3244	-0.1192	8.68E-6	-9.33E-5	-9.20E-5
	CC15	0.0333	0.3303	-0.1162	1.01E-5	-1.09E-4	-2.98E-5
	CC16	-0.0614	0.3625	-0.1382	6.37E-7	-6.84E-6	-1.51E-5
	CC17	-0.0521	0.3684	-0.1352	2.09E-6	-2.24E-5	4.71E-5
	CC18	0.0626	-0.4072	-0.0484	8.60E-8	-9.24E-7	-2.13E-5
	CC19	0.0720	-0.4013	-0.0453	1.54E-6	-1.65E-5	4.09E-5
	CC20	-0.0227	-0.3691	-0.0673	-7.96E-6	8.55E-5	5.56E-5
	CC21	-0.0134	-0.3632	-0.0643	-6.51E-6	6.99E-5	1.18E-4
467	CC1	0.0017	-0.0188	-0.1037	-3.37E-5	-1.16E-5	5.45E-6
	CC2	0.0017	-0.0188	-0.1037	-3.37E-5	-1.16E-5	5.45E-6
	CC3	0.0017	-0.0188	-0.1037	-3.37E-5	-1.16E-5	5.45E-6
	CC4	0.0018	-0.0176	-0.1005	-3.15E-5	-1.12E-5	5.05E-6
	CC5	0.0018	-0.0176	-0.1005	-3.15E-5	-1.12E-5	5.05E-6
	CC6	0.1388	0.0274	-0.0629	1.99E-5	-1.59E-4	-1.30E-4
	CC7	0.1371	0.0286	-0.0617	2.34E-5	-1.58E-4	-1.13E-4
	CC8	0.1450	-0.1743	-0.0930	-2.28E-4	-1.64E-4	-1.10E-4
	CC9	0.1434	-0.1732	-0.0918	-2.25E-4	-1.63E-4	-9.31E-5
	CC10	-0.1398	0.1387	-0.1071	1.63E-4	1.41E-4	1.03E-4
	CC11	-0.1414	0.1399	-0.1058	1.67E-4	1.42E-4	1.20E-4
	CC12	-0.1335	-0.0630	-0.1371	-8.50E-5	1.36E-4	1.23E-4
	CC13	-0.1352	-0.0619	-0.1359	-8.15E-5	1.37E-4	1.40E-4
	CC14	0.0359	0.3004	-0.0447	3.56E-4	-5.04E-5	-9.15E-5
	CC15	0.0305	0.3042	-0.0406	3.67E-4	-4.72E-5	-3.51E-5

	CC16	-0.0477	0.3338	-0.0580	3.99E-4	3.96E-5	-2.16E-5
	CC17	-0.0531	0.3376	-0.0539	4.10E-4	4.27E-5	3.48E-5
	CC18	0.0567	-0.3721	-0.1449	-4.72E-4	-6.48E-5	-2.50E-5
	CC19	0.0513	-0.3683	-0.1409	-4.60E-4	-6.17E-5	3.14E-5
	CC20	-0.0268	-0.3387	-0.1582	-4.29E-4	2.52E-5	4.49E-5
	CC21	-0.0323	-0.3349	-0.1541	-4.17E-4	2.83E-5	1.01E-4
468	CC1	0.0009	-0.0159	-0.1031	-3.14E-5	-7.66E-6	5.25E-6
	CC2	0.0009	-0.0159	-0.1031	-3.14E-5	-7.66E-6	5.25E-6
	CC3	0.0009	-0.0159	-0.1031	-3.14E-5	-7.66E-6	5.25E-6
	CC4	0.0010	-0.0149	-0.0999	-2.95E-5	-7.62E-6	4.88E-6
	CC5	0.0010	-0.0149	-0.0999	-2.95E-5	-7.62E-6	4.88E-6
	CC6	0.1241	0.0257	-0.0623	2.26E-5	-1.83E-4	-1.17E-4
	CC7	0.1225	0.0265	-0.0611	2.62E-5	-1.82E-4	-1.02E-4
	CC8	0.1301	-0.1541	-0.0926	-2.30E-4	-1.88E-4	-9.87E-5
	CC9	0.1285	-0.1533	-0.0914	-2.27E-4	-1.87E-4	-8.34E-5
	CC10	-0.1265	0.1241	-0.1063	1.69E-4	1.72E-4	9.29E-5
	CC11	-0.1281	0.1250	-0.1051	1.73E-4	1.73E-4	1.08E-4
	CC12	-0.1206	-0.0557	-0.1366	-8.40E-5	1.66E-4	1.11E-4
	CC13	-0.1221	-0.0549	-0.1354	-8.05E-5	1.67E-4	1.26E-4
	CC14	0.0312	0.2690	-0.0438	3.65E-4	-5.35E-5	-8.25E-5
	CC15	0.0260	0.2718	-0.0398	3.77E-4	-5.01E-5	-3.17E-5
	CC16	-0.0440	0.2986	-0.0570	4.09E-4	5.28E-5	-1.95E-5
	CC17	-0.0492	0.3013	-0.0530	4.20E-4	5.62E-5	3.12E-5
	CC18	0.0511	-0.3305	-0.1448	-4.78E-4	-7.14E-5	-2.17E-5
	CC19	0.0460	-0.3277	-0.1408	-4.67E-4	-6.80E-5	2.90E-5
	CC20	-0.0241	-0.3010	-0.1580	-4.34E-4	3.49E-5	4.13E-5
	CC21	-0.0292	-0.2982	-0.1540	-4.23E-4	3.83E-5	9.20E-5
469	CC1	0.0004	-0.0132	-0.1025	-2.99E-5	-3.99E-6	4.48E-6
	CC2	0.0004	-0.0132	-0.1025	-2.99E-5	-3.99E-6	4.48E-6
	CC3	0.0004	-0.0132	-0.1025	-2.99E-5	-3.99E-6	4.48E-6
	CC4	0.0004	-0.0124	-0.0994	-2.81E-5	-4.04E-6	4.20E-6
	CC5	0.0004	-0.0124	-0.0994	-2.81E-5	-4.04E-6	4.20E-6
	CC6	0.1090	0.0242	-0.0622	2.41E-5	-1.73E-4	-1.04E-4
	CC7	0.1075	0.0247	-0.0610	2.71E-5	-1.71E-4	-9.04E-5
	CC8	0.1145	-0.1352	-0.0923	-2.20E-4	-1.82E-4	-8.76E-5
	CC9	0.1131	-0.1346	-0.0911	-2.17E-4	-1.81E-4	-7.40E-5
	CC10	-0.1122	0.1104	-0.1055	1.62E-4	1.72E-4	8.22E-5
	CC11	-0.1136	0.1110	-0.1043	1.65E-4	1.74E-4	9.58E-5
	CC12	-0.1066	-0.0489	-0.1356	-8.21E-5	1.63E-4	9.86E-5
	CC13	-0.1080	-0.0484	-0.1344	-7.92E-5	1.65E-4	1.12E-4
	CC14	0.0267	0.2396	-0.0436	3.54E-4	-4.29E-5	-7.38E-5
	CC15	0.0219	0.2414	-0.0397	3.64E-4	-3.83E-5	-2.86E-5
	CC16	-0.0396	0.2655	-0.0565	3.96E-4	6.07E-5	-1.79E-5
	CC17	-0.0444	0.2673	-0.0527	4.05E-4	6.53E-5	2.73E-5
	CC18	0.0453	-0.2915	-0.1439	-4.61E-4	-7.34E-5	-1.91E-5
	CC19	0.0406	-0.2897	-0.1401	-4.51E-4	-6.88E-5	2.61E-5
	CC20	-0.0210	-0.2656	-0.1569	-4.19E-4	3.02E-5	3.68E-5
	CC21	-0.0258	-0.2638	-0.1530	-4.09E-4	3.48E-5	8.20E-5
470	CC1	0.0053	-0.0182	-0.0929	-3.11E-5	-1.74E-5	1.09E-5
	CC2	0.0053	-0.0182	-0.0929	-3.11E-5	-1.74E-5	1.09E-5
	CC3	0.0053	-0.0182	-0.0929	-3.11E-5	-1.74E-5	1.09E-5
	CC4	0.0050	-0.0171	-0.0903	-2.93E-5	-1.59E-5	9.58E-6
	CC5	0.0050	-0.0171	-0.0903	-2.93E-5	-1.59E-5	9.58E-6
	CC6	0.1224	0.0236	-0.0731	1.65E-5	-1.74E-4	-1.25E-4
	CC7	0.1262	0.0252	-0.0723	2.02E-5	-1.79E-4	-1.08E-4
	CC8	0.1365	-0.1750	-0.0344	-2.18E-4	-1.67E-4	-9.50E-5
	CC9	0.1403	-0.1734	-0.0336	-2.15E-4	-1.73E-4	-7.81E-5
	CC10	-0.1306	0.1399	-0.1451	1.57E-4	1.42E-4	9.64E-5
	CC11	-0.1268	0.1415	-0.1443	1.61E-4	1.36E-4	1.13E-4
	CC12	-0.1165	-0.0587	-0.1065	-7.77E-5	1.48E-4	1.26E-4
	CC13	-0.1127	-0.0571	-0.1057	-7.40E-5	1.43E-4	1.43E-4
	CC14	0.0130	0.2941	-0.1443	3.35E-4	-6.43E-5	-1.02E-4
	CC15	0.0255	0.2993	-0.1417	3.47E-4	-8.33E-5	-4.54E-5
	CC16	-0.0630	0.3290	-0.1659	3.77E-4	3.04E-5	-3.52E-5
	CC17	-0.0504	0.3342	-0.1633	3.90E-4	1.14E-5	2.10E-5
	CC18	0.0601	-0.3678	-0.0155	-4.47E-4	-4.22E-5	-2.66E-6
	CC19	0.0727	-0.3625	-0.0128	-4.35E-4	-6.12E-5	5.35E-5
	CC20	-0.0158	-0.3329	-0.0371	-4.05E-4	5.24E-5	6.37E-5
	CC21	-0.0032	-0.3276	-0.0344	-3.93E-4	3.34E-5	1.20E-4
471	CC1	0.0038	-0.0155	-0.0928	-3.16E-5	-1.54E-5	8.65E-6
	CC2	0.0038	-0.0155	-0.0928	-3.16E-5	-1.54E-5	8.65E-6
	CC3	0.0038	-0.0155	-0.0928	-3.16E-5	-1.54E-5	8.65E-6

	CC4	0.0036	-0.0145	-0.0902	-2.98E-5	-1.41E-5	7.64E-6
	CC5	0.0036	-0.0145	-0.0902	-2.98E-5	-1.41E-5	7.64E-6
	CC6	0.1081	0.0224	-0.0730	1.87E-5	-1.65E-4	-1.14E-4
	CC7	0.1114	0.0236	-0.0721	2.20E-5	-1.70E-4	-9.92E-5
	CC8	0.1224	-0.1557	-0.0343	-2.22E-4	-1.69E-4	-7.92E-5
	CC9	0.1257	-0.1544	-0.0335	-2.19E-4	-1.74E-4	-6.39E-5
	CC10	-0.1186	0.1260	-0.1451	1.61E-4	1.47E-4	7.85E-5
	CC11	-0.1153	0.1272	-0.1443	1.64E-4	1.41E-4	9.38E-5
	CC12	-0.1043	-0.0521	-0.1065	-8.04E-5	1.43E-4	1.14E-4
	CC13	-0.1010	-0.0508	-0.1056	-7.70E-5	1.37E-4	1.29E-4
	CC14	0.0083	0.2649	-0.1442	3.46E-4	-4.51E-5	-1.06E-4
	CC15	0.0192	0.2690	-0.1415	3.57E-4	-6.27E-5	-5.51E-5
	CC16	-0.0597	0.2959	-0.1658	3.89E-4	4.82E-5	-4.77E-5
	CC17	-0.0488	0.3001	-0.1631	4.00E-4	3.07E-5	2.73E-6
	CC18	0.0559	-0.3285	-0.0155	-4.58E-4	-5.79E-5	1.19E-5
	CC19	0.0668	-0.3244	-0.0128	-4.47E-4	-7.55E-5	6.23E-5
	CC20	-0.0121	-0.2975	-0.0371	-4.15E-4	3.54E-5	6.97E-5
	CC21	-0.0012	-0.2933	-0.0344	-4.04E-4	1.78E-5	1.20E-4
472	CC1	0.0026	-0.0128	-0.0927	-2.99E-5	-1.25E-5	6.19E-6
	CC2	0.0026	-0.0128	-0.0927	-2.99E-5	-1.25E-5	6.19E-6
	CC3	0.0026	-0.0128	-0.0927	-2.99E-5	-1.25E-5	6.19E-6
	CC4	0.0025	-0.0120	-0.0901	-2.82E-5	-1.14E-5	5.47E-6
	CC5	0.0025	-0.0120	-0.0901	-2.82E-5	-1.14E-5	5.47E-6
	CC6	0.0962	0.0212	-0.0728	1.80E-5	-1.17E-4	-1.05E-4
	CC7	0.0991	0.0222	-0.0719	2.15E-5	-1.21E-4	-9.14E-5
	CC8	0.1089	-0.1370	-0.0344	-2.16E-4	-1.54E-4	-7.01E-5
	CC9	0.1118	-0.1360	-0.0335	-2.12E-4	-1.58E-4	-5.65E-5
	CC10	-0.1069	0.1126	-0.1449	1.57E-4	1.36E-4	6.69E-5
	CC11	-0.1040	0.1135	-0.1440	1.61E-4	1.32E-4	8.05E-5
	CC12	-0.0942	-0.0456	-0.1065	-7.66E-5	9.89E-5	1.02E-4
	CC13	-0.0913	-0.0447	-0.1057	-7.31E-5	9.51E-5	1.15E-4
	CC14	0.0069	0.2367	-0.1438	3.36E-4	1.95E-5	-1.01E-4
	CC15	0.0165	0.2398	-0.1409	3.47E-4	6.86E-6	-5.62E-5
	CC16	-0.0540	0.2641	-0.1654	3.77E-4	9.55E-5	-4.96E-5
	CC17	-0.0445	0.2673	-0.1625	3.89E-4	8.28E-5	-4.63E-6
	CC18	0.0494	-0.2907	-0.0159	-4.44E-4	-1.05E-4	1.51E-5
	CC19	0.0589	-0.2875	-0.0130	-4.33E-4	-1.18E-4	6.01E-5
	CC20	-0.0116	-0.2633	-0.0376	-4.02E-4	-2.89E-5	6.67E-5
	CC21	-0.0020	-0.2601	-0.0346	-3.91E-4	-4.15E-5	1.12E-4
473	CC1	0.0058	-0.0218	-0.1003	-4.70E-5	-2.61E-6	4.95E-6
	CC2	0.0058	-0.0218	-0.1003	-4.70E-5	-2.61E-6	4.95E-6
	CC3	0.0058	-0.0218	-0.1003	-4.70E-5	-2.61E-6	4.95E-6
	CC4	0.0060	-0.0200	-0.0975	-4.34E-5	-2.41E-6	3.82E-6
	CC5	0.0060	-0.0200	-0.0975	-4.34E-5	-2.41E-6	3.82E-6
	CC6	0.1368	0.1181	-0.1168	6.25E-5	3.47E-6	-1.45E-4
	CC7	0.1414	0.1083	-0.1166	5.65E-5	3.14E-6	-1.26E-4
	CC8	0.1504	-0.1144	-0.1023	-1.26E-4	-6.98E-6	-1.23E-4
	CC9	0.1550	-0.1242	-0.1021	-1.32E-4	-7.32E-6	-1.05E-4
	CC10	-0.1430	0.0855	-0.0911	4.74E-5	2.63E-6	1.12E-4
	CC11	-0.1384	0.0757	-0.0909	4.13E-5	2.30E-6	1.30E-4
	CC12	-0.1294	-0.1470	-0.0766	-1.41E-4	-7.82E-6	1.33E-4
	CC13	-0.1248	-0.1568	-0.0764	-1.47E-4	-8.16E-6	1.52E-4
	CC14	0.0176	0.3893	-0.1249	2.84E-4	1.58E-5	-1.01E-4
	CC15	0.0329	0.3569	-0.1244	2.64E-4	1.47E-5	-3.92E-5
	CC16	-0.0663	0.3795	-0.1172	2.79E-4	1.55E-5	-2.45E-5
	CC17	-0.0510	0.3471	-0.1167	2.59E-4	1.44E-5	3.76E-5
	CC18	0.0630	-0.3858	-0.0765	-3.44E-4	-1.91E-5	-3.07E-5
	CC19	0.0783	-0.4182	-0.0760	-3.64E-4	-2.02E-5	3.14E-5
	CC20	-0.0209	-0.3956	-0.0688	-3.48E-4	-1.93E-5	4.61E-5
	CC21	-0.0056	-0.4280	-0.0683	-3.68E-4	-2.04E-5	1.08E-4
474	CC1	0.0057	-0.0216	-0.0990	-4.45E-5	-2.47E-6	-1.53E-6
	CC2	0.0057	-0.0216	-0.0990	-4.45E-5	-2.47E-6	-1.53E-6
	CC3	0.0057	-0.0216	-0.0990	-4.45E-5	-2.47E-6	-1.53E-6
	CC4	0.0058	-0.0199	-0.0962	-4.13E-5	-2.29E-6	-2.69E-6
	CC5	0.0058	-0.0199	-0.0962	-4.13E-5	-2.29E-6	-2.69E-6
	CC6	0.1369	0.0951	-0.1065	4.69E-5	2.60E-6	-1.51E-4
	CC7	0.1414	0.0870	-0.1061	4.12E-5	2.29E-6	-1.32E-4
	CC8	0.1504	-0.1356	-0.0919	-1.57E-4	-8.70E-6	-1.30E-4
	CC9	0.1549	-0.1436	-0.0915	-1.62E-4	-9.02E-6	-1.11E-4
	CC10	-0.1431	0.1050	-0.0991	8.20E-5	4.55E-6	1.05E-4
	CC11	-0.1386	0.0970	-0.0987	7.64E-5	4.24E-6	1.24E-4
	CC12	-0.1296	-0.1256	-0.0844	-1.22E-4	-6.75E-6	1.26E-4

	CC13	-0.1251	-0.1337	-0.0840	-1.27E-4	-7.07E-6	1.45E-4
	CC14	0.0179	0.3770	-0.1215	3.03E-4	1.68E-5	-1.08E-4
	CC15	0.0328	0.3502	-0.1201	2.84E-4	1.58E-5	-4.58E-5
	CC16	-0.0661	0.3800	-0.1192	3.14E-4	1.74E-5	-3.11E-5
	CC17	-0.0512	0.3532	-0.1179	2.95E-4	1.64E-5	3.11E-5
	CC18	0.0629	-0.3918	-0.0726	-3.75E-4	-2.08E-5	-3.73E-5
	CC19	0.0779	-0.4186	-0.0713	-3.94E-4	-2.19E-5	2.49E-5
	CC20	-0.0211	-0.3888	-0.0704	-3.65E-4	-2.03E-5	3.96E-5
	CC21	-0.0061	-0.4156	-0.0691	-3.84E-4	-2.13E-5	1.02E-4
475	CC1	0.0056	-0.0221	-0.0980	-4.78E-5	-2.65E-6	-9.71E-6
	CC2	0.0056	-0.0221	-0.0980	-4.78E-5	-2.65E-6	-9.71E-6
	CC3	0.0056	-0.0221	-0.0980	-4.78E-5	-2.65E-6	-9.71E-6
	CC4	0.0057	-0.0204	-0.0952	-4.49E-5	-2.49E-6	-1.04E-5
	CC5	0.0057	-0.0204	-0.0952	-4.49E-5	-2.49E-6	-1.04E-5
	CC6	0.1369	0.0899	-0.0947	3.35E-5	1.86E-6	-1.59E-4
	CC7	0.1413	0.0835	-0.0940	2.88E-5	1.60E-6	-1.40E-4
	CC8	0.1503	-0.1388	-0.0798	-1.75E-4	-9.73E-6	-1.38E-4
	CC9	0.1548	-0.1452	-0.0791	-1.80E-4	-9.99E-6	-1.19E-4
	CC10	-0.1433	0.1054	-0.1094	9.22E-5	5.12E-6	9.75E-5
	CC11	-0.1389	0.0990	-0.1087	8.75E-5	4.86E-6	1.16E-4
	CC12	-0.1299	-0.1233	-0.0945	-1.17E-4	-6.48E-6	1.19E-4
	CC13	-0.1255	-0.1297	-0.0938	-1.21E-4	-6.74E-6	1.37E-4
	CC14	0.0181	0.3696	-0.1179	3.03E-4	1.68E-5	-1.15E-4
	CC15	0.0327	0.3484	-0.1157	2.88E-4	1.60E-5	-5.33E-5
	CC16	-0.0660	0.3742	-0.1224	3.21E-4	1.78E-5	-3.86E-5
	CC17	-0.0513	0.3530	-0.1202	3.05E-4	1.69E-5	2.35E-5
	CC18	0.0628	-0.3928	-0.0683	-3.93E-4	-2.18E-5	-4.48E-5
	CC19	0.0774	-0.4140	-0.0661	-4.09E-4	-2.27E-5	1.74E-5
	CC20	-0.0213	-0.3882	-0.0728	-3.75E-4	-2.08E-5	3.21E-5
	CC21	-0.0066	-0.4093	-0.0705	-3.91E-4	-2.17E-5	9.42E-5
476	CC1	0.0044	-0.0176	-0.1017	-3.95E-5	-9.49E-6	2.05E-6
	CC2	0.0044	-0.0176	-0.1017	-3.95E-5	-9.49E-6	2.05E-6
	CC3	0.0044	-0.0176	-0.1017	-3.95E-5	-9.49E-6	2.05E-6
	CC4	0.0045	-0.0161	-0.0989	-3.59E-5	-9.82E-6	1.88E-6
	CC5	0.0045	-0.0161	-0.0989	-3.59E-5	-9.82E-6	1.88E-6
	CC6	0.1246	0.1264	-0.1271	6.78E-5	-1.45E-4	-1.37E-4
	CC7	0.1288	0.1155	-0.1272	5.76E-5	-1.51E-4	-1.20E-4
	CC8	0.1376	-0.0928	-0.1126	-1.84E-4	-1.57E-4	-1.12E-4
	CC9	0.1417	-0.1037	-0.1127	-1.94E-4	-1.62E-4	-9.47E-5
	CC10	-0.1326	0.0726	-0.0832	1.25E-4	1.43E-4	9.84E-5
	CC11	-0.1285	0.0617	-0.0834	1.15E-4	1.37E-4	1.16E-4
	CC12	-0.1197	-0.1465	-0.0688	-1.27E-4	1.31E-4	1.23E-4
	CC13	-0.1155	-0.1575	-0.0689	-1.37E-4	1.26E-4	1.41E-4
	CC14	0.0147	0.3758	-0.1284	3.93E-4	-2.47E-5	-1.04E-4
	CC15	0.0285	0.3397	-0.1289	3.59E-4	-4.38E-5	-4.62E-5
	CC16	-0.0625	0.3597	-0.1153	4.10E-4	6.17E-5	-3.33E-5
	CC17	-0.0486	0.3235	-0.1157	3.76E-4	4.26E-5	2.44E-5
	CC18	0.0577	-0.3546	-0.0803	-4.46E-4	-6.25E-5	-2.08E-5
	CC19	0.0716	-0.3908	-0.0807	-4.80E-4	-8.15E-5	3.70E-5
	CC20	-0.0194	-0.3708	-0.0671	-4.29E-4	2.39E-5	4.99E-5
	CC21	-0.0056	-0.4069	-0.0675	-4.63E-4	4.86E-6	1.08E-4
477	CC1	0.0036	-0.0148	-0.1008	-2.85E-5	-7.80E-6	2.71E-6
	CC2	0.0036	-0.0148	-0.1008	-2.85E-5	-7.80E-6	2.71E-6
	CC3	0.0036	-0.0148	-0.1008	-2.85E-5	-7.80E-6	2.71E-6
	CC4	0.0037	-0.0135	-0.0981	-2.53E-5	-8.04E-6	2.53E-6
	CC5	0.0037	-0.0135	-0.0981	-2.53E-5	-8.04E-6	2.53E-6
	CC6	0.1119	0.1127	-0.1263	9.54E-5	-1.53E-4	-1.18E-4
	CC7	0.1155	0.1028	-0.1264	8.20E-5	-1.59E-4	-1.03E-4
	CC8	0.1237	-0.0813	-0.1119	-2.25E-4	-1.67E-4	-1.02E-4
	CC9	0.1274	-0.0911	-0.1120	-2.39E-4	-1.72E-4	-8.64E-5
	CC10	-0.1199	0.0650	-0.0823	1.90E-4	1.56E-4	9.13E-5
	CC11	-0.1162	0.0551	-0.0824	1.77E-4	1.51E-4	1.07E-4
	CC12	-0.1080	-0.1290	-0.0679	-1.30E-4	1.43E-4	1.08E-4
	CC13	-0.1043	-0.1388	-0.0680	-1.44E-4	1.37E-4	1.23E-4
	CC14	0.0126	0.3336	-0.1276	5.18E-4	-2.29E-5	-8.20E-5
	CC15	0.0249	0.3010	-0.1280	4.74E-4	-4.11E-5	-3.10E-5
	CC16	-0.0569	0.3193	-0.1144	5.46E-4	6.99E-5	-1.91E-5
	CC17	-0.0447	0.2867	-0.1148	5.02E-4	5.17E-5	3.19E-5
	CC18	0.0522	-0.3129	-0.0796	-5.50E-4	-6.79E-5	-2.69E-5
	CC19	0.0644	-0.3455	-0.0800	-5.95E-4	-8.62E-5	2.41E-5
	CC20	-0.0173	-0.3272	-0.0664	-5.22E-4	2.49E-5	3.60E-5
	CC21	-0.0051	-0.3598	-0.0668	-5.67E-4	6.65E-6	8.70E-5

478	CC1	0.0029	-0.0120	-0.1000	-3.76E-5	-8.47E-6	3.78E-6
	CC2	0.0029	-0.0120	-0.1000	-3.76E-5	-8.47E-6	3.78E-6
	CC3	0.0029	-0.0120	-0.1000	-3.76E-5	-8.47E-6	3.78E-6
	CC4	0.0030	-0.0110	-0.0973	-3.44E-5	-8.60E-6	3.62E-6
	CC5	0.0030	-0.0110	-0.0973	-3.44E-5	-8.60E-6	3.62E-6
	CC6	0.0991	0.0981	-0.1251	8.06E-5	-1.51E-4	-9.92E-5
	CC7	0.1023	0.0895	-0.1252	6.83E-5	-1.56E-4	-8.59E-5
	CC8	0.1097	-0.0698	-0.1108	-2.14E-4	-1.65E-4	-9.01E-5
	CC9	0.1130	-0.0784	-0.1109	-2.26E-4	-1.70E-4	-7.68E-5
	CC10	-0.1069	0.0571	-0.0819	1.59E-4	1.53E-4	8.39E-5
	CC11	-0.1037	0.0484	-0.0820	1.47E-4	1.48E-4	9.72E-5
	CC12	-0.0962	-0.1108	-0.0675	-1.35E-4	1.39E-4	9.30E-5
	CC13	-0.0930	-0.1195	-0.0676	-1.47E-4	1.33E-4	1.06E-4
	CC14	0.0108	0.2897	-0.1266	4.66E-4	-2.15E-5	-6.12E-5
	CC15	0.0215	0.2609	-0.1269	4.25E-4	-3.83E-5	-1.71E-5
	CC16	-0.0510	0.2774	-0.1136	4.89E-4	6.97E-5	-6.29E-6
	CC17	-0.0403	0.2486	-0.1139	4.49E-4	5.29E-5	3.79E-5
	CC18	0.0464	-0.2700	-0.0788	-5.16E-4	-7.02E-5	-3.07E-5
	CC19	0.0571	-0.2987	-0.0791	-5.56E-4	-8.70E-5	1.34E-5
	CC20	-0.0154	-0.2823	-0.0659	-4.92E-4	2.10E-5	2.42E-5
	CC21	-0.0047	-0.3110	-0.0662	-5.32E-4	4.18E-6	6.84E-5
479	CC1	0.0044	-0.0171	-0.0971	-2.36E-5	4.20E-6	1.59E-6
	CC2	0.0044	-0.0171	-0.0971	-2.36E-5	4.20E-6	1.59E-6
	CC3	0.0044	-0.0171	-0.0971	-2.36E-5	4.20E-6	1.59E-6
	CC4	0.0045	-0.0158	-0.0943	-2.20E-5	3.08E-6	1.04E-6
	CC5	0.0045	-0.0158	-0.0943	-2.20E-5	3.08E-6	1.04E-6
	CC6	0.1232	0.0737	-0.0836	7.90E-5	-5.82E-5	-1.35E-4
	CC7	0.1271	0.0692	-0.0827	7.60E-5	-6.44E-5	-1.17E-4
	CC8	0.1358	-0.1354	-0.0685	-1.73E-4	-9.06E-5	-1.18E-4
	CC9	0.1396	-0.1399	-0.0675	-1.76E-4	-9.68E-5	-1.01E-4
	CC10	-0.1305	0.1092	-0.1191	1.33E-4	1.02E-4	1.03E-4
	CC11	-0.1266	0.1047	-0.1181	1.30E-4	9.60E-5	1.20E-4
	CC12	-0.1179	-0.1000	-0.1039	-1.19E-4	6.98E-5	1.19E-4
	CC13	-0.1141	-0.1044	-0.1030	-1.22E-4	6.36E-5	1.36E-4
	CC14	0.0153	0.3353	-0.1148	3.96E-4	4.29E-5	-9.06E-5
	CC15	0.0280	0.3205	-0.1116	3.86E-4	2.24E-5	-3.39E-5
	CC16	-0.0608	0.3459	-0.1255	4.12E-4	9.10E-5	-1.94E-5
	CC17	-0.0481	0.3311	-0.1223	4.02E-4	7.05E-5	3.73E-5
	CC18	0.0573	-0.3619	-0.0644	-4.45E-4	-6.51E-5	-3.56E-5
	CC19	0.0700	-0.3766	-0.0612	-4.55E-4	-8.56E-5	2.12E-5
	CC20	-0.0189	-0.3512	-0.0750	-4.29E-4	-1.70E-5	3.56E-5
	CC21	-0.0061	-0.3660	-0.0718	-4.39E-4	-3.75E-5	9.24E-5
480	CC1	0.0035	-0.0148	-0.0968	-2.68E-5	-1.54E-5	-7.48E-7
	CC2	0.0035	-0.0148	-0.0968	-2.68E-5	-1.54E-5	-7.48E-7
	CC3	0.0035	-0.0148	-0.0968	-2.68E-5	-1.54E-5	-7.48E-7
	CC4	0.0036	-0.0137	-0.0939	-2.49E-5	-1.48E-5	-1.10E-6
	CC5	0.0036	-0.0137	-0.0939	-2.49E-5	-1.48E-5	-1.10E-6
	CC6	0.1100	0.0668	-0.0842	8.05E-5	-9.16E-5	-1.24E-4
	CC7	0.1133	0.0626	-0.0833	7.74E-5	-9.70E-5	-1.09E-4
	CC8	0.1217	-0.1204	-0.0690	-1.80E-4	-9.37E-5	-1.08E-4
	CC9	0.1250	-0.1246	-0.0681	-1.83E-4	-9.91E-5	-9.25E-5
	CC10	-0.1178	0.0979	-0.1179	1.35E-4	6.98E-5	9.01E-5
	CC11	-0.1144	0.0937	-0.1170	1.31E-4	6.44E-5	1.06E-4
	CC12	-0.1061	-0.0892	-0.1027	-1.26E-4	6.77E-5	1.06E-4
	CC13	-0.1028	-0.0934	-0.1018	-1.29E-4	6.23E-5	1.22E-4
	CC14	0.0127	0.3008	-0.1148	4.07E-4	-2.65E-5	-8.64E-5
	CC15	0.0239	0.2870	-0.1117	3.96E-4	-4.42E-5	-3.51E-5
	CC16	-0.0556	0.3102	-0.1249	4.23E-4	2.19E-5	-2.21E-5
	CC17	-0.0445	0.2963	-0.1218	4.13E-4	4.19E-6	2.92E-5
	CC18	0.0517	-0.3230	-0.0642	-4.61E-4	-3.35E-5	-3.16E-5
	CC19	0.0628	-0.3368	-0.0611	-4.71E-4	-5.12E-5	1.97E-5
	CC20	-0.0167	-0.3136	-0.0743	-4.45E-4	1.49E-5	3.27E-5
	CC21	-0.0055	-0.3275	-0.0712	-4.55E-4	-2.80E-6	8.40E-5
481	CC1	0.0026	-0.0130	-0.0964	-1.47E-5	-8.08E-8	-4.17E-6
	CC2	0.0026	-0.0130	-0.0964	-1.47E-5	-8.08E-8	-4.17E-6
	CC3	0.0026	-0.0130	-0.0964	-1.47E-5	-8.08E-8	-4.17E-6
	CC4	0.0027	-0.0120	-0.0936	-1.34E-5	-3.29E-7	-4.31E-6
	CC5	0.0027	-0.0120	-0.0936	-1.34E-5	-3.29E-7	-4.31E-6
	CC6	0.0978	0.0590	-0.0852	1.11E-4	-4.62E-5	-1.13E-4
	CC7	0.1008	0.0551	-0.0843	1.06E-4	-5.28E-5	-9.94E-5
	CC8	0.1084	-0.1048	-0.0699	-1.93E-4	-8.43E-5	-9.78E-5
	CC9	0.1113	-0.1087	-0.0691	-1.97E-4	-9.09E-5	-8.41E-5

	CC10	-0.1059	0.0853	-0.1163	1.71E-4	9.00E-5	7.54E-5
	CC11	-0.1030	0.0814	-0.1154	1.67E-4	8.35E-5	8.91E-5
	CC12	-0.0953	-0.0785	-0.1010	-1.32E-4	5.20E-5	9.07E-5
	CC13	-0.0924	-0.0823	-0.1002	-1.37E-4	4.54E-5	1.04E-4
	CC14	0.0108	0.2637	-0.1148	4.91E-4	5.35E-5	-8.10E-5
	CC15	0.0205	0.2509	-0.1120	4.77E-4	3.17E-5	-3.55E-5
	CC16	-0.0503	0.2716	-0.1241	5.09E-4	9.44E-5	-2.44E-5
	CC17	-0.0406	0.2588	-0.1213	4.95E-4	7.26E-5	2.11E-5
	CC18	0.0460	-0.2822	-0.0640	-5.21E-4	-7.34E-5	-2.98E-5
	CC19	0.0557	-0.2950	-0.0612	-5.35E-4	-9.52E-5	1.57E-5
	CC20	-0.0151	-0.2743	-0.0733	-5.03E-4	-3.26E-5	2.68E-5
	CC21	-0.0054	-0.2871	-0.0705	-5.17E-4	-5.43E-5	7.23E-5
482	CC1	0.0043	-0.0159	-0.1189	-4.14E-5	-1.20E-5	-2.03E-5
	CC2	0.0043	-0.0159	-0.1189	-4.14E-5	-1.20E-5	-2.03E-5
	CC3	0.0043	-0.0159	-0.1189	-4.14E-5	-1.20E-5	-2.03E-5
	CC4	0.0045	-0.0144	-0.1161	-3.80E-5	-1.21E-5	-1.88E-5
	CC5	0.0045	-0.0144	-0.1161	-3.80E-5	-1.21E-5	-1.88E-5
	CC6	0.1351	0.2375	-0.1456	6.94E-5	-1.25E-4	-1.66E-4
	CC7	0.1398	0.2132	-0.1449	5.97E-5	-1.29E-4	-1.48E-4
	CC8	0.1488	-0.0114	-0.1310	-4.49E-5	-1.35E-4	-1.45E-4
	CC9	0.1535	-0.0357	-0.1303	-5.46E-5	-1.39E-4	-1.26E-4
	CC10	-0.1444	0.0080	-0.0999	-1.91E-5	1.14E-4	8.98E-5
	CC11	-0.1397	-0.0163	-0.0992	-2.88E-5	1.11E-4	1.09E-4
	CC12	-0.1307	-0.2409	-0.0853	-1.33E-4	1.05E-4	1.11E-4
	CC13	-0.1260	-0.2653	-0.0845	-1.43E-4	1.01E-4	1.30E-4
	CC14	0.0158	0.4757	-0.1476	1.83E-4	-2.59E-5	-1.23E-4
	CC15	0.0314	0.3952	-0.1451	1.51E-4	-3.82E-5	-6.10E-5
	CC16	-0.0681	0.4069	-0.1339	1.56E-4	4.60E-5	-4.63E-5
	CC17	-0.0525	0.3264	-0.1314	1.24E-4	3.36E-5	1.59E-5
	CC18	0.0616	-0.3541	-0.0988	-1.98E-4	-5.78E-5	-5.25E-5
	CC19	0.0772	-0.4346	-0.0963	-2.30E-4	-7.02E-5	9.66E-6
	CC20	-0.0223	-0.4230	-0.0851	-2.25E-4	1.40E-5	2.44E-5
	CC21	-0.0067	-0.5035	-0.0826	-2.57E-4	1.67E-6	8.65E-5
483	CC1	0.0042	-0.0178	-0.1182	-4.67E-5	-3.74E-6	-1.96E-5
	CC2	0.0042	-0.0178	-0.1182	-4.67E-5	-3.74E-6	-1.96E-5
	CC3	0.0042	-0.0178	-0.1182	-4.67E-5	-3.74E-6	-1.96E-5
	CC4	0.0044	-0.0161	-0.1153	-4.29E-5	-4.09E-6	-1.82E-5
	CC5	0.0044	-0.0161	-0.1153	-4.29E-5	-4.09E-6	-1.82E-5
	CC6	0.1350	0.2227	-0.1351	7.07E-5	-1.23E-4	-1.66E-4
	CC7	0.1397	0.2000	-0.1340	6.05E-5	-1.27E-4	-1.47E-4
	CC8	0.1488	-0.0244	-0.1195	-5.04E-5	-1.36E-4	-1.45E-4
	CC9	0.1535	-0.0470	-0.1184	-6.07E-5	-1.40E-4	-1.26E-4
	CC10	-0.1445	0.0160	-0.1104	-2.26E-5	1.32E-4	9.04E-5
	CC11	-0.1398	-0.0067	-0.1093	-3.28E-5	1.27E-4	1.09E-4
	CC12	-0.1308	-0.2311	-0.0947	-1.44E-4	1.18E-4	1.12E-4
	CC13	-0.1261	-0.2537	-0.0936	-1.54E-4	1.14E-4	1.30E-4
	CC14	0.0157	0.4647	-0.1460	1.91E-4	-1.37E-5	-1.23E-4
	CC15	0.0313	0.3898	-0.1423	1.57E-4	-2.75E-5	-6.04E-5
	CC16	-0.0681	0.4027	-0.1386	1.63E-4	6.26E-5	-4.57E-5
	CC17	-0.0525	0.3278	-0.1349	1.29E-4	4.88E-5	1.64E-5
	CC18	0.0615	-0.3588	-0.0938	-2.13E-4	-5.72E-5	-5.19E-5
	CC19	0.0771	-0.4337	-0.0902	-2.47E-4	-7.10E-5	1.02E-5
	CC20	-0.0223	-0.4208	-0.0864	-2.41E-4	1.91E-5	2.49E-5
	CC21	-0.0068	-0.4957	-0.0828	-2.75E-4	5.31E-6	8.71E-5
484	CC1	0.0042	-0.0193	-0.1182	-5.51E-5	2.57E-6	-1.44E-5
	CC2	0.0042	-0.0193	-0.1182	-5.51E-5	2.57E-6	-1.44E-5
	CC3	0.0042	-0.0193	-0.1182	-5.51E-5	2.57E-6	-1.44E-5
	CC4	0.0044	-0.0175	-0.1153	-5.07E-5	1.98E-6	-1.34E-5
	CC5	0.0044	-0.0175	-0.1153	-5.07E-5	1.98E-6	-1.34E-5
	CC6	0.1350	0.2080	-0.1316	5.35E-5	-1.05E-4	-1.61E-4
	CC7	0.1397	0.1871	-0.1301	4.46E-5	-1.09E-4	-1.42E-4
	CC8	0.1487	-0.0371	-0.1148	-5.48E-5	-1.18E-4	-1.40E-4
	CC9	0.1535	-0.0581	-0.1133	-6.38E-5	-1.22E-4	-1.21E-4
	CC10	-0.1445	0.0242	-0.1152	-3.48E-5	1.25E-4	9.51E-5
	CC11	-0.1398	0.0032	-0.1138	-4.38E-5	1.22E-4	1.14E-4
	CC12	-0.1308	-0.2209	-0.0984	-1.43E-4	1.13E-4	1.16E-4
	CC13	-0.1261	-0.2419	-0.0970	-1.52E-4	1.09E-4	1.35E-4
	CC14	0.0157	0.4539	-0.1472	1.59E-4	-5.31E-6	-1.18E-4
	CC15	0.0313	0.3845	-0.1423	1.30E-4	-1.76E-5	-5.57E-5
	CC16	-0.0682	0.3988	-0.1423	1.33E-4	6.39E-5	-4.10E-5
	CC17	-0.0526	0.3294	-0.1374	1.03E-4	5.16E-5	2.12E-5
	CC18	0.0615	-0.3632	-0.0911	-2.02E-4	-4.80E-5	-4.72E-5

	CC19	0.0771	-0.4326	-0.0863	-2.31E-4	-6.04E-5	1.50E-5
	CC20	-0.0224	-0.4184	-0.0862	-2.28E-4	2.12E-5	2.97E-5
	CC21	-0.0068	-0.4878	-0.0814	-2.58E-4	8.87E-6	9.18E-5
485	CC1	0.0035	-0.0119	-0.1194	-1.75E-5	-4.84E-6	-1.34E-5
	CC2	0.0035	-0.0119	-0.1194	-1.75E-5	-4.84E-6	-1.34E-5
	CC3	0.0035	-0.0119	-0.1194	-1.75E-5	-4.84E-6	-1.34E-5
	CC4	0.0037	-0.0107	-0.1165	-1.56E-5	-5.18E-6	-1.24E-5
	CC5	0.0037	-0.0107	-0.1165	-1.56E-5	-5.18E-6	-1.24E-5
	CC6	0.1240	0.2380	-0.1560	2.70E-4	-1.45E-4	-1.50E-4
	CC7	0.1283	0.2135	-0.1556	2.43E-4	-1.51E-4	-1.33E-4
	CC8	0.1370	0.0037	-0.1420	-6.29E-6	-1.59E-4	-1.29E-4
	CC9	0.1413	-0.0207	-0.1416	-3.32E-5	-1.65E-4	-1.11E-4
	CC10	-0.1338	0.0002	-0.0895	3.36E-6	1.55E-4	8.72E-5
	CC11	-0.1295	-0.0243	-0.0891	-2.35E-5	1.49E-4	1.05E-4
	CC12	-0.1208	-0.2341	-0.0755	-2.73E-4	1.41E-4	1.09E-4
	CC13	-0.1165	-0.2585	-0.0751	-3.00E-4	1.35E-4	1.26E-4
	CC14	0.0136	0.4563	-0.1495	5.30E-4	-1.73E-5	-1.13E-4
	CC15	0.0278	0.3754	-0.1481	4.41E-4	-3.66E-5	-5.48E-5
	CC16	-0.0638	0.3849	-0.1295	4.50E-4	7.27E-5	-4.14E-5
	CC17	-0.0495	0.3040	-0.1282	3.61E-4	5.33E-5	1.64E-5
	CC18	0.0570	-0.3246	-0.1029	-3.91E-4	-6.39E-5	-4.06E-5
	CC19	0.0713	-0.4055	-0.1016	-4.80E-4	-8.32E-5	1.72E-5
	CC20	-0.0204	-0.3959	-0.0830	-4.70E-4	2.61E-5	3.07E-5
	CC21	-0.0061	-0.4768	-0.0816	-5.59E-4	6.72E-6	8.85E-5
486	CC1	0.0032	-0.0107	-0.1185	-1.08E-5	-3.24E-6	-9.86E-6
	CC2	0.0032	-0.0107	-0.1185	-1.08E-5	-3.24E-6	-9.86E-6
	CC3	0.0032	-0.0107	-0.1185	-1.08E-5	-3.24E-6	-9.86E-6
	CC4	0.0033	-0.0097	-0.1156	-9.16E-6	-3.58E-6	-9.17E-6
	CC5	0.0033	-0.0097	-0.1156	-9.16E-6	-3.58E-6	-9.17E-6
	CC6	0.1112	0.2100	-0.1554	3.64E-4	-1.53E-4	-1.26E-4
	CC7	0.1150	0.1883	-0.1550	3.30E-4	-1.59E-4	-1.11E-4
	CC8	0.1229	0.0033	-0.1416	1.09E-5	-1.69E-4	-1.13E-4
	CC9	0.1267	-0.0184	-0.1412	-2.27E-5	-1.75E-4	-9.76E-5
	CC10	-0.1199	-0.0002	-0.0881	5.52E-6	1.68E-4	7.97E-5
	CC11	-0.1162	-0.0219	-0.0878	-2.81E-5	1.61E-4	9.47E-5
	CC12	-0.1082	-0.2070	-0.0744	-3.47E-4	1.52E-4	9.30E-5
	CC13	-0.1045	-0.2287	-0.0740	-3.81E-4	1.45E-4	1.08E-4
	CC14	0.0123	0.4026	-0.1483	6.89E-4	-1.43E-5	-8.68E-5
	CC15	0.0248	0.3309	-0.1470	5.77E-4	-3.54E-5	-3.71E-5
	CC16	-0.0570	0.3396	-0.1282	5.81E-4	8.17E-5	-2.51E-5
	CC17	-0.0445	0.2678	-0.1269	4.70E-4	6.06E-5	2.46E-5
	CC18	0.0513	-0.2865	-0.1025	-4.87E-4	-6.80E-5	-4.25E-5
	CC19	0.0638	-0.3582	-0.1012	-5.99E-4	-8.91E-5	7.26E-6
	CC20	-0.0180	-0.3495	-0.0823	-5.95E-4	2.80E-5	1.92E-5
	CC21	-0.0056	-0.4213	-0.0810	-7.06E-4	6.90E-6	6.89E-5
487	CC1	0.0029	-0.0095	-0.1176	-1.85E-5	-4.50E-6	-5.87E-6
	CC2	0.0029	-0.0095	-0.1176	-1.85E-5	-4.50E-6	-5.87E-6
	CC3	0.0029	-0.0095	-0.1176	-1.85E-5	-4.50E-6	-5.87E-6
	CC4	0.0030	-0.0086	-0.1148	-1.63E-5	-4.80E-6	-5.47E-6
	CC5	0.0030	-0.0086	-0.1148	-1.63E-5	-4.80E-6	-5.47E-6
	CC6	0.0986	0.1807	-0.1542	3.07E-4	-1.49E-4	-1.03E-4
	CC7	0.1018	0.1619	-0.1538	2.79E-4	-1.55E-4	-9.02E-5
	CC8	0.1090	0.0021	-0.1406	-4.46E-7	-1.64E-4	-9.56E-5
	CC9	0.1122	-0.0168	-0.1402	-2.88E-5	-1.70E-4	-8.29E-5
	CC10	-0.1062	0.0001	-0.0875	-2.27E-6	1.60E-4	7.22E-5
	CC11	-0.1030	-0.0188	-0.0870	-3.06E-5	1.54E-4	8.49E-5
	CC12	-0.0958	-0.1786	-0.0739	-3.10E-4	1.45E-4	7.95E-5
	CC13	-0.0926	-0.1974	-0.0734	-3.38E-4	1.39E-4	9.22E-5
	CC14	0.0111	0.3477	-0.1472	5.91E-4	-1.71E-5	-6.47E-5
	CC15	0.0217	0.2853	-0.1458	4.97E-4	-3.65E-5	-2.26E-5
	CC16	-0.0504	0.2935	-0.1272	4.98E-4	7.57E-5	-1.22E-5
	CC17	-0.0397	0.2311	-0.1258	4.04E-4	5.63E-5	2.99E-5
	CC18	0.0457	-0.2478	-0.1018	-4.35E-4	-6.61E-5	-4.06E-5
	CC19	0.0564	-0.3102	-0.1005	-5.29E-4	-8.55E-5	1.49E-6
	CC20	-0.0157	-0.3020	-0.0818	-5.28E-4	2.67E-5	1.20E-5
	CC21	-0.0051	-0.3644	-0.0804	-6.22E-4	7.28E-6	5.40E-5
488	CC1	0.0037	-0.0162	-0.1175	-2.84E-5	-7.47E-6	-5.20E-6
	CC2	0.0037	-0.0162	-0.1175	-2.84E-5	-7.47E-6	-5.20E-6
	CC3	0.0037	-0.0162	-0.1175	-2.84E-5	-7.47E-6	-5.20E-6
	CC4	0.0039	-0.0147	-0.1145	-2.53E-5	-7.72E-6	-4.80E-6
	CC5	0.0039	-0.0147	-0.1145	-2.53E-5	-7.72E-6	-4.80E-6
	CC6	0.1247	0.1846	-0.1103	1.97E-4	-1.51E-4	-1.38E-4

	CC7	0.1290	0.1665	-0.1085	1.78E-4	-1.57E-4	-1.21E-4
	CC8	0.1375	-0.0431	-0.0926	-6.71E-5	-1.64E-4	-1.22E-4
	CC9	0.1418	-0.0612	-0.0908	-8.58E-5	-1.70E-4	-1.05E-4
	CC10	-0.1339	0.0329	-0.1363	3.71E-5	1.54E-4	9.56E-5
	CC11	-0.1296	0.0147	-0.1345	1.85E-5	1.48E-4	1.13E-4
	CC12	-0.1211	-0.1948	-0.1186	-2.27E-4	1.42E-4	1.12E-4
	CC13	-0.1168	-0.2130	-0.1168	-2.45E-4	1.36E-4	1.29E-4
	CC14	0.0142	0.4182	-0.1422	4.70E-4	-2.29E-5	-9.50E-5
	CC15	0.0285	0.3581	-0.1362	4.08E-4	-4.20E-5	-3.90E-5
	CC16	-0.0634	0.3726	-0.1500	4.22E-4	6.88E-5	-2.48E-5
	CC17	-0.0491	0.3126	-0.1440	3.60E-4	4.96E-5	3.11E-5
	CC18	0.0570	-0.3409	-0.0831	-4.09E-4	-6.52E-5	-4.05E-5
	CC19	0.0713	-0.4010	-0.0771	-4.71E-4	-8.44E-5	1.55E-5
	CC20	-0.0206	-0.3865	-0.0909	-4.57E-4	2.64E-5	2.97E-5
	CC21	-0.0063	-0.4465	-0.0849	-5.19E-4	7.27E-6	8.57E-5
489	CC1	0.0031	-0.0144	-0.1167	-1.64E-5	-7.33E-6	-5.69E-6
	CC2	0.0031	-0.0144	-0.1167	-1.64E-5	-7.33E-6	-5.69E-6
	CC3	0.0031	-0.0144	-0.1167	-1.64E-5	-7.33E-6	-5.69E-6
	CC4	0.0032	-0.0131	-0.1138	-1.40E-5	-7.57E-6	-5.31E-6
	CC5	0.0032	-0.0131	-0.1138	-1.40E-5	-7.57E-6	-5.31E-6
	CC6	0.1111	0.1637	-0.1092	2.76E-4	-1.64E-4	-1.29E-4
	CC7	0.1149	0.1475	-0.1074	2.53E-4	-1.70E-4	-1.14E-4
	CC8	0.1228	-0.0374	-0.0915	-6.66E-5	-1.78E-4	-1.09E-4
	CC9	0.1266	-0.0536	-0.0897	-9.01E-5	-1.84E-4	-9.33E-5
	CC10	-0.1201	0.0283	-0.1359	6.37E-5	1.69E-4	8.30E-5
	CC11	-0.1163	0.0121	-0.1341	4.02E-5	1.63E-4	9.85E-5
	CC12	-0.1084	-0.1728	-0.1182	-2.79E-4	1.55E-4	1.03E-4
	CC13	-0.1046	-0.1890	-0.1163	-3.02E-4	1.48E-4	1.19E-4
	CC14	0.0122	0.3697	-0.1413	6.29E-4	-2.36E-5	-9.66E-5
	CC15	0.0247	0.3160	-0.1353	5.51E-4	-4.46E-5	-4.52E-5
	CC16	-0.0572	0.3291	-0.1493	5.65E-4	7.62E-5	-3.29E-5
	CC17	-0.0447	0.2753	-0.1433	4.87E-4	5.52E-5	1.85E-5
	CC18	0.0512	-0.3006	-0.0822	-5.13E-4	-7.05E-5	-2.88E-5
	CC19	0.0636	-0.3544	-0.0762	-5.91E-4	-9.15E-5	2.26E-5
	CC20	-0.0182	-0.3413	-0.0902	-5.77E-4	2.93E-5	3.48E-5
	CC21	-0.0057	-0.3950	-0.0842	-6.55E-4	8.28E-6	8.62E-5
490	CC1	0.0025	-0.0125	-0.1159	-2.86E-5	-6.10E-6	-4.80E-6
	CC2	0.0025	-0.0125	-0.1159	-2.86E-5	-6.10E-6	-4.80E-6
	CC3	0.0025	-0.0125	-0.1159	-2.86E-5	-6.10E-6	-4.80E-6
	CC4	0.0026	-0.0115	-0.1130	-2.56E-5	-6.39E-6	-4.51E-6
	CC5	0.0026	-0.0115	-0.1130	-2.56E-5	-6.39E-6	-4.51E-6
	CC6	0.0978	0.1416	-0.1086	2.36E-4	-1.54E-4	-1.18E-4
	CC7	0.1010	0.1274	-0.1068	2.16E-4	-1.60E-4	-1.04E-4
	CC8	0.1083	-0.0321	-0.0909	-6.76E-5	-1.68E-4	-9.47E-5
	CC9	0.1115	-0.0463	-0.0891	-8.84E-5	-1.74E-4	-8.06E-5
	CC10	-0.1063	0.0240	-0.1349	3.92E-5	1.61E-4	7.18E-5
	CC11	-0.1030	0.0098	-0.1331	1.83E-5	1.55E-4	8.59E-5
	CC12	-0.0957	-0.1496	-0.1172	-2.65E-4	1.47E-4	9.53E-5
	CC13	-0.0925	-0.1638	-0.1154	-2.86E-4	1.41E-4	1.09E-4
	CC14	0.0104	0.3195	-0.1406	5.46E-4	-2.00E-5	-9.54E-5
	CC15	0.0210	0.2724	-0.1346	4.77E-4	-3.95E-5	-4.87E-5
	CC16	-0.0508	0.2842	-0.1485	4.87E-4	7.44E-5	-3.84E-5
	CC17	-0.0402	0.2371	-0.1425	4.18E-4	5.50E-5	8.29E-6
	CC18	0.0454	-0.2593	-0.0815	-4.67E-4	-6.79E-5	-1.71E-5
	CC19	0.0561	-0.3065	-0.0755	-5.36E-4	-8.74E-5	2.96E-5
	CC20	-0.0158	-0.2946	-0.0894	-5.26E-4	2.66E-5	3.99E-5
	CC21	-0.0051	-0.3417	-0.0834	-5.95E-4	7.07E-6	8.66E-5
491	CC1	-0.0016	-0.0084	-0.1177	-8.82E-6	6.70E-6	3.06E-7
	CC2	-0.0016	-0.0084	-0.1177	-8.82E-6	6.70E-6	3.06E-7
	CC3	-0.0016	-0.0084	-0.1177	-8.82E-6	6.70E-6	3.06E-7
	CC4	-0.0013	-0.0075	-0.1149	-7.65E-6	6.36E-6	4.10E-7
	CC5	-0.0013	-0.0075	-0.1149	-7.65E-6	6.36E-6	4.10E-7
	CC6	0.1509	0.2965	-0.1234	3.33E-4	-1.63E-4	-1.32E-4
	CC7	0.1441	0.2648	-0.1276	3.00E-4	-1.56E-4	-1.15E-4
	CC8	0.1508	0.0563	-0.1547	5.94E-5	-1.65E-4	-1.14E-4
	CC9	0.1440	0.0246	-0.1589	2.61E-5	-1.59E-4	-9.75E-5
	CC10	-0.1464	-0.0391	-0.0689	-4.06E-5	1.72E-4	9.84E-5
	CC11	-0.1532	-0.0707	-0.0732	-7.39E-5	1.78E-4	1.15E-4
	CC12	-0.1466	-0.2793	-0.1002	-3.15E-4	1.69E-4	1.16E-4
	CC13	-0.1533	-0.3109	-0.1045	-3.48E-4	1.75E-4	1.33E-4
	CC14	0.0547	0.4958	-0.0629	5.61E-4	-5.00E-5	-9.11E-5
	CC15	0.0324	0.3910	-0.0770	4.50E-4	-2.90E-5	-3.55E-5

	CC16	-0.0344	0.3952	-0.0465	4.49E-4	5.03E-5	-2.20E-5
	CC17	-0.0568	0.2904	-0.0606	3.38E-4	7.13E-5	3.35E-5
	CC18	0.0543	-0.3048	-0.1672	-3.53E-4	-5.88E-5	-3.26E-5
	CC19	0.0320	-0.4096	-0.1813	-4.63E-4	-3.79E-5	2.29E-5
	CC20	-0.0349	-0.4055	-0.1509	-4.65E-4	4.15E-5	3.64E-5
	CC21	-0.0572	-0.5103	-0.1650	-5.75E-4	6.25E-5	9.19E-5
492	CC1	-0.0012	-0.0078	-0.1169	-4.64E-6	3.98E-6	1.09E-7
	CC2	-0.0012	-0.0078	-0.1169	-4.64E-6	3.98E-6	1.09E-7
	CC3	-0.0012	-0.0078	-0.1169	-4.64E-6	3.98E-6	1.09E-7
	CC4	-0.0009	-0.0071	-0.1141	-3.58E-6	3.76E-6	1.99E-7
	CC5	-0.0009	-0.0071	-0.1141	-3.58E-6	3.76E-6	1.99E-7
	CC6	0.1364	0.2655	-0.1227	3.77E-4	-1.81E-4	-1.19E-4
	CC7	0.1304	0.2370	-0.1271	3.40E-4	-1.73E-4	-1.04E-4
	CC8	0.1361	0.0502	-0.1547	6.82E-5	-1.75E-4	-1.02E-4
	CC9	0.1301	0.0217	-0.1590	3.14E-5	-1.66E-4	-8.74E-5
	CC10	-0.1316	-0.0354	-0.0673	-3.79E-5	1.74E-4	8.78E-5
	CC11	-0.1377	-0.0639	-0.0716	-7.47E-5	1.82E-4	1.03E-4
	CC12	-0.1319	-0.2506	-0.0992	-3.46E-4	1.80E-4	1.04E-4
	CC13	-0.1380	-0.2791	-0.1036	-3.83E-4	1.88E-4	1.19E-4
	CC14	0.0500	0.4442	-0.0610	6.34E-4	-7.36E-5	-8.29E-5
	CC15	0.0299	0.3499	-0.0755	5.12E-4	-4.60E-5	-3.32E-5
	CC16	-0.0304	0.3540	-0.0444	5.10E-4	3.28E-5	-2.09E-5
	CC17	-0.0505	0.2596	-0.0588	3.88E-4	6.04E-5	2.88E-5
	CC18	0.0489	-0.2732	-0.1675	-3.94E-4	-5.30E-5	-2.83E-5
	CC19	0.0289	-0.3676	-0.1819	-5.16E-4	-2.54E-5	2.14E-5
	CC20	-0.0315	-0.3635	-0.1508	-5.19E-4	5.34E-5	3.37E-5
	CC21	-0.0516	-0.4579	-0.1653	-6.41E-4	8.10E-5	8.34E-5
493	CC1	-0.0007	-0.0073	-0.1163	-7.86E-6	7.98E-6	5.73E-7
	CC2	-0.0007	-0.0073	-0.1163	-7.86E-6	7.98E-6	5.73E-7
	CC3	-0.0007	-0.0073	-0.1163	-7.86E-6	7.98E-6	5.73E-7
	CC4	-0.0004	-0.0067	-0.1134	-6.71E-6	7.34E-6	5.98E-7
	CC5	-0.0004	-0.0067	-0.1134	-6.71E-6	7.34E-6	5.98E-7
	CC6	0.1211	0.2335	-0.1221	3.65E-4	-1.73E-4	-1.07E-4
	CC7	0.1157	0.2083	-0.1265	3.29E-4	-1.65E-4	-9.34E-5
	CC8	0.1219	0.0436	-0.1538	6.50E-5	-1.70E-4	-9.04E-5
	CC9	0.1165	0.0183	-0.1581	2.89E-5	-1.62E-4	-7.68E-5
	CC10	-0.1173	-0.0312	-0.0668	-4.15E-5	1.76E-4	7.80E-5
	CC11	-0.1226	-0.0565	-0.0712	-7.76E-5	1.84E-4	9.16E-5
	CC12	-0.1165	-0.2212	-0.0985	-3.42E-4	1.80E-4	9.47E-5
	CC13	-0.1218	-0.2464	-0.1029	-3.78E-4	1.88E-4	1.08E-4
	CC14	0.0429	0.3916	-0.0608	6.15E-4	-6.48E-5	-7.73E-5
	CC15	0.0252	0.3080	-0.0752	4.95E-4	-3.80E-5	-3.24E-5
	CC16	-0.0286	0.3122	-0.0442	4.93E-4	4.00E-5	-2.18E-5
	CC17	-0.0463	0.2286	-0.0586	3.73E-4	6.68E-5	2.31E-5
	CC18	0.0456	-0.2415	-0.1664	-3.86E-4	-5.25E-5	-2.19E-5
	CC19	0.0279	-0.3251	-0.1808	-5.05E-4	-2.57E-5	2.30E-5
	CC20	-0.0259	-0.3209	-0.1498	-5.08E-4	5.23E-5	3.36E-5
	CC21	-0.0436	-0.4045	-0.1642	-6.27E-4	7.91E-5	7.85E-5
494	CC1	-0.0008	-0.0090	-0.1141	-1.14E-5	9.04E-6	3.91E-6
	CC2	-0.0008	-0.0090	-0.1141	-1.14E-5	9.04E-6	3.91E-6
	CC3	-0.0008	-0.0090	-0.1141	-1.14E-5	9.04E-6	3.91E-6
	CC4	-0.0005	-0.0082	-0.1116	-1.01E-5	8.29E-6	3.94E-6
	CC5	-0.0005	-0.0082	-0.1116	-1.01E-5	8.29E-6	3.94E-6
	CC6	0.1354	0.2958	-0.1445	3.34E-4	-1.43E-4	-1.31E-4
	CC7	0.1337	0.2641	-0.1412	3.00E-4	-1.42E-4	-1.14E-4
	CC8	0.1418	0.0558	-0.1194	5.67E-5	-1.53E-4	-1.11E-4
	CC9	0.1401	0.0242	-0.1161	2.31E-5	-1.52E-4	-9.43E-5
	CC10	-0.1408	-0.0399	-0.1054	-4.24E-5	1.68E-4	1.02E-4
	CC11	-0.1425	-0.0716	-0.1021	-7.60E-5	1.69E-4	1.19E-4
	CC12	-0.1345	-0.2799	-0.0803	-3.19E-4	1.58E-4	1.21E-4
	CC13	-0.1361	-0.3115	-0.0770	-3.53E-4	1.59E-4	1.39E-4
	CC14	0.0332	0.4948	-0.1638	5.64E-4	-2.39E-5	-9.13E-5
	CC15	0.0277	0.3900	-0.1529	4.53E-4	-2.14E-5	-3.48E-5
	CC16	-0.0496	0.3941	-0.1521	4.51E-4	6.94E-5	-2.15E-5
	CC17	-0.0552	0.2893	-0.1412	3.40E-4	7.19E-5	3.50E-5
	CC18	0.0544	-0.3050	-0.0803	-3.59E-4	-5.58E-5	-2.71E-5
	CC19	0.0489	-0.4098	-0.0693	-4.71E-4	-5.33E-5	2.94E-5
	CC20	-0.0284	-0.4057	-0.0685	-4.72E-4	3.75E-5	4.28E-5
	CC21	-0.0340	-0.5105	-0.0576	-5.83E-4	3.99E-5	9.92E-5
495	CC1	-0.0001	-0.0079	-0.1135	-1.36E-5	5.58E-6	2.74E-6
	CC2	-0.0001	-0.0079	-0.1135	-1.36E-5	5.58E-6	2.74E-6
	CC3	-0.0001	-0.0079	-0.1135	-1.36E-5	5.58E-6	2.74E-6

	CC4	0.0001	-0.0072	-0.1109	-1.23E-5	5.03E-6	2.76E-6
	CC5	0.0001	-0.0072	-0.1109	-1.23E-5	5.03E-6	2.76E-6
	CC6	0.1226	0.2650	-0.1444	3.72E-4	-1.56E-4	-1.20E-4
	CC7	0.1210	0.2366	-0.1410	3.35E-4	-1.55E-4	-1.04E-4
	CC8	0.1281	0.0502	-0.1184	6.22E-5	-1.69E-4	-1.01E-4
	CC9	0.1265	0.0218	-0.1150	2.50E-5	-1.68E-4	-8.56E-5
	CC10	-0.1262	-0.0356	-0.1051	-4.87E-5	1.78E-4	9.12E-5
	CC11	-0.1278	-0.0640	-0.1017	-8.59E-5	1.79E-4	1.07E-4
	CC12	-0.1207	-0.2504	-0.0792	-3.59E-4	1.65E-4	1.10E-4
	CC13	-0.1223	-0.2788	-0.0758	-3.96E-4	1.66E-4	1.25E-4
	CC14	0.0310	0.4433	-0.1648	6.29E-4	-2.47E-5	-8.53E-5
	CC15	0.0257	0.3490	-0.1536	5.06E-4	-2.19E-5	-3.40E-5
	CC16	-0.0436	0.3531	-0.1531	5.03E-4	7.54E-5	-2.21E-5
	CC17	-0.0490	0.2589	-0.1418	3.80E-4	7.82E-5	2.93E-5
	CC18	0.0493	-0.2727	-0.0784	-4.04E-4	-6.85E-5	-2.37E-5
	CC19	0.0440	-0.3669	-0.0671	-5.27E-4	-6.57E-5	2.76E-5
	CC20	-0.0253	-0.3628	-0.0666	-5.30E-4	3.16E-5	3.95E-5
	CC21	-0.0306	-0.4571	-0.0553	-6.53E-4	3.44E-5	9.09E-5
496	CC1	0.0004	-0.0067	-0.1128	-1.25E-5	7.40E-6	1.68E-6
	CC2	0.0004	-0.0067	-0.1128	-1.25E-5	7.40E-6	1.68E-6
	CC3	0.0004	-0.0067	-0.1128	-1.25E-5	7.40E-6	1.68E-6
	CC4	0.0006	-0.0061	-0.1103	-1.13E-5	6.71E-6	1.70E-6
	CC5	0.0006	-0.0061	-0.1103	-1.13E-5	6.71E-6	1.70E-6
	CC6	0.1096	0.2335	-0.1435	3.61E-4	-1.54E-4	-1.08E-4
	CC7	0.1081	0.2083	-0.1402	3.25E-4	-1.52E-4	-9.45E-5
	CC8	0.1142	0.0441	-0.1177	6.22E-5	-1.63E-4	-9.04E-5
	CC9	0.1127	0.0189	-0.1143	2.60E-5	-1.61E-4	-7.65E-5
	CC10	-0.1114	-0.0306	-0.1047	-4.77E-5	1.74E-4	7.99E-5
	CC11	-0.1129	-0.0558	-0.1013	-8.39E-5	1.76E-4	9.38E-5
	CC12	-0.1068	-0.2201	-0.0788	-3.47E-4	1.65E-4	9.79E-5
	CC13	-0.1083	-0.2453	-0.0754	-3.83E-4	1.67E-4	1.12E-4
	CC14	0.0287	0.3912	-0.1641	6.09E-4	-3.00E-5	-7.96E-5
	CC15	0.0237	0.3078	-0.1528	4.89E-4	-2.53E-5	-3.35E-5
	CC16	-0.0376	0.3119	-0.1524	4.87E-4	6.84E-5	-2.31E-5
	CC17	-0.0426	0.2285	-0.1412	3.67E-4	7.31E-5	2.30E-5
	CC18	0.0439	-0.2403	-0.0778	-3.88E-4	-6.02E-5	-1.96E-5
	CC19	0.0389	-0.3237	-0.0666	-5.08E-4	-5.54E-5	2.65E-5
	CC20	-0.0224	-0.3195	-0.0661	-5.11E-4	3.82E-5	3.69E-5
	CC21	-0.0274	-0.4029	-0.0549	-6.31E-4	4.30E-5	8.30E-5
497	CC1	-0.0029	-0.0098	-0.1165	-1.48E-5	2.71E-5	1.33E-6
	CC2	-0.0029	-0.0098	-0.1165	-1.48E-5	2.71E-5	1.33E-6
	CC3	-0.0029	-0.0098	-0.1165	-1.48E-5	2.71E-5	1.33E-6
	CC4	-0.0025	-0.0089	-0.1137	-1.35E-5	2.59E-5	1.75E-6
	CC5	-0.0025	-0.0089	-0.1137	-1.35E-5	2.59E-5	1.75E-6
	CC6	0.1636	0.3328	-0.1238	3.07E-4	-9.61E-5	-1.46E-4
	CC7	0.1563	0.2971	-0.1283	2.75E-4	-9.80E-5	-1.27E-4
	CC8	0.1638	0.0710	-0.1603	6.25E-5	-1.61E-4	-1.25E-4
	CC9	0.1566	0.0352	-0.1648	3.05E-5	-1.63E-4	-1.06E-4
	CC10	-0.1614	-0.0523	-0.0608	-5.66E-5	2.14E-4	1.10E-4
	CC11	-0.1686	-0.0881	-0.0653	-8.86E-5	2.12E-4	1.29E-4
	CC12	-0.1611	-0.3142	-0.0973	-3.02E-4	1.49E-4	1.31E-4
	CC13	-0.1684	-0.3499	-0.1018	-3.34E-4	1.47E-4	1.50E-4
	CC14	0.0579	0.5448	-0.0539	5.03E-4	8.98E-5	-1.03E-4
	CC15	0.0339	0.4265	-0.0688	3.97E-4	8.35E-5	-4.08E-5
	CC16	-0.0396	0.4292	-0.0350	3.94E-4	1.83E-4	-2.61E-5
	CC17	-0.0636	0.3109	-0.0499	2.88E-4	1.76E-4	3.61E-5
	CC18	0.0588	-0.3280	-0.1757	-3.14E-4	-1.26E-4	-3.23E-5
	CC19	0.0348	-0.4464	-0.1906	-4.20E-4	-1.32E-4	2.99E-5
	CC20	-0.0387	-0.4436	-0.1568	-4.23E-4	-3.26E-5	4.46E-5
	CC21	-0.0627	-0.5619	-0.1717	-5.29E-4	-3.89E-5	1.07E-4
498	CC1	-0.0017	-0.0088	-0.1149	-1.30E-5	1.21E-5	2.63E-6
	CC2	-0.0017	-0.0088	-0.1149	-1.30E-5	1.21E-5	2.63E-6
	CC3	-0.0017	-0.0088	-0.1149	-1.30E-5	1.21E-5	2.63E-6
	CC4	-0.0014	-0.0080	-0.1122	-1.17E-5	1.14E-5	2.87E-6
	CC5	-0.0014	-0.0080	-0.1122	-1.17E-5	1.14E-5	2.87E-6
	CC6	0.1511	0.3138	-0.1248	3.55E-4	-1.65E-4	-1.17E-4
	CC7	0.1441	0.2797	-0.1296	3.18E-4	-1.57E-4	-1.01E-4
	CC8	0.1508	0.0746	-0.1675	7.86E-5	-1.51E-4	-1.10E-4
	CC9	0.1439	0.0405	-0.1723	4.20E-5	-1.44E-4	-9.39E-5
	CC10	-0.1464	-0.0560	-0.0502	-6.47E-5	1.66E-4	9.98E-5
	CC11	-0.1534	-0.0900	-0.0550	-1.01E-4	1.74E-4	1.16E-4
	CC12	-0.1467	-0.2952	-0.0929	-3.41E-4	1.79E-4	1.07E-4

	CC13	-0.1536	-0.3293	-0.0977	-3.78E-4	1.87E-4	1.23E-4
	CC14	0.0553	0.5029	-0.0434	5.73E-4	-7.34E-5	-6.84E-5
	CC15	0.0323	0.3901	-0.0593	4.52E-4	-4.79E-5	-1.58E-5
	CC16	-0.0340	0.3920	-0.0210	4.47E-4	2.59E-5	-3.33E-6
	CC17	-0.0569	0.2791	-0.0369	3.26E-4	5.14E-5	4.93E-5
	CC18	0.0544	-0.2946	-0.1857	-3.48E-4	-2.89E-5	-4.34E-5
	CC19	0.0314	-0.4074	-0.2015	-4.70E-4	-3.45E-6	9.22E-6
	CC20	-0.0349	-0.4055	-0.1633	-4.74E-4	7.03E-5	2.17E-5
	CC21	-0.0578	-0.5183	-0.1791	-5.95E-4	9.58E-5	7.43E-5
499	CC1	-0.0008	-0.0077	-0.1146	-1.17E-5	9.04E-6	1.24E-6
	CC2	-0.0008	-0.0077	-0.1146	-1.17E-5	9.04E-6	1.24E-6
	CC3	-0.0008	-0.0077	-0.1146	-1.17E-5	9.04E-6	1.24E-6
	CC4	-0.0005	-0.0070	-0.1119	-1.06E-5	8.46E-6	1.43E-6
	CC5	-0.0005	-0.0070	-0.1119	-1.06E-5	8.46E-6	1.43E-6
	CC6	0.1375	0.2833	-0.1244	3.60E-4	-1.59E-4	-9.92E-5
	CC7	0.1312	0.2525	-0.1291	3.23E-4	-1.53E-4	-8.56E-5
	CC8	0.1372	0.0675	-0.1671	7.59E-5	-1.67E-4	-9.77E-5
	CC9	0.1309	0.0366	-0.1718	3.92E-5	-1.61E-4	-8.41E-5
	CC10	-0.1317	-0.0501	-0.0502	-5.97E-5	1.78E-4	8.70E-5
	CC11	-0.1381	-0.0810	-0.0550	-9.64E-5	1.83E-4	1.01E-4
	CC12	-0.1321	-0.2660	-0.0929	-3.43E-4	1.70E-4	8.86E-5
	CC13	-0.1384	-0.2969	-0.0976	-3.80E-4	1.76E-4	1.02E-4
	CC14	0.0510	0.4541	-0.0432	5.86E-4	-3.87E-5	-5.15E-5
	CC15	0.0300	0.3520	-0.0589	4.65E-4	-1.95E-5	-6.46E-6
	CC16	-0.0298	0.3541	-0.0209	4.61E-4	6.23E-5	4.39E-6
	CC17	-0.0507	0.2520	-0.0366	3.39E-4	8.15E-5	4.94E-5
	CC18	0.0499	-0.2655	-0.1854	-3.59E-4	-6.50E-5	-4.64E-5
	CC19	0.0290	-0.3676	-0.2011	-4.81E-4	-4.57E-5	-1.41E-6
	CC20	-0.0309	-0.3655	-0.1631	-4.85E-4	3.60E-5	9.45E-6
	CC21	-0.0518	-0.4677	-0.1788	-6.07E-4	5.52E-5	5.45E-5
500	CC1	0.0001	-0.0067	-0.1141	-1.12E-5	1.00E-5	-1.31E-6
	CC2	0.0001	-0.0067	-0.1141	-1.12E-5	1.00E-5	-1.31E-6
	CC3	0.0001	-0.0067	-0.1141	-1.12E-5	1.00E-5	-1.31E-6
	CC4	0.0003	-0.0061	-0.1114	-1.02E-5	9.18E-6	-1.14E-6
	CC5	0.0003	-0.0061	-0.1114	-1.02E-5	9.18E-6	-1.14E-6
	CC6	0.1237	0.2532	-0.1236	3.49E-4	-1.80E-4	-8.96E-5
	CC7	0.1180	0.2255	-0.1283	3.13E-4	-1.70E-4	-7.77E-5
	CC8	0.1232	0.0602	-0.1663	7.82E-5	-1.65E-4	-8.88E-5
	CC9	0.1175	0.0326	-0.1710	4.31E-5	-1.55E-4	-7.70E-5
	CC10	-0.1168	-0.0443	-0.0500	-6.27E-5	1.73E-4	7.49E-5
	CC11	-0.1225	-0.0719	-0.0548	-9.79E-5	1.83E-4	8.67E-5
	CC12	-0.1173	-0.2372	-0.0927	-3.33E-4	1.88E-4	7.56E-5
	CC13	-0.1229	-0.2649	-0.0974	-3.68E-4	1.98E-4	8.74E-5
	CC14	0.0466	0.4061	-0.0426	5.61E-4	-8.53E-5	-4.65E-5
	CC15	0.0279	0.3146	-0.0582	4.44E-4	-5.27E-5	-7.36E-6
	CC16	-0.0256	0.3169	-0.0205	4.37E-4	2.06E-5	2.82E-6
	CC17	-0.0442	0.2253	-0.0362	3.21E-4	5.32E-5	4.20E-5
	CC18	0.0449	-0.2370	-0.1849	-3.41E-4	-3.54E-5	-4.41E-5
	CC19	0.0263	-0.3286	-0.2005	-4.57E-4	-2.77E-6	-4.98E-6
	CC20	-0.0272	-0.3263	-0.1628	-4.64E-4	7.05E-5	5.20E-6
	CC21	-0.0459	-0.4178	-0.1784	-5.80E-4	1.03E-4	4.43E-5
501	CC1	-0.0022	-0.0099	-0.1127	-8.58E-6	2.08E-5	-8.88E-7
	CC2	-0.0022	-0.0099	-0.1127	-8.58E-6	2.08E-5	-8.88E-7
	CC3	-0.0022	-0.0099	-0.1127	-8.58E-6	2.08E-5	-8.88E-7
	CC4	-0.0018	-0.0090	-0.1102	-7.44E-6	1.98E-5	-4.13E-7
	CC5	-0.0018	-0.0090	-0.1102	-7.44E-6	1.98E-5	-4.13E-7
	CC6	0.1466	0.3342	-0.1565	2.97E-4	-1.74E-4	-1.48E-4
	CC7	0.1447	0.2983	-0.1528	2.67E-4	-1.63E-4	-1.30E-4
	CC8	0.1529	0.0721	-0.1314	6.11E-5	-1.25E-4	-1.27E-4
	CC9	0.1510	0.0362	-0.1277	3.08E-5	-1.14E-4	-1.08E-4
	CC10	-0.1543	-0.0535	-0.0910	-4.49E-5	1.53E-4	1.08E-4
	CC11	-0.1562	-0.0894	-0.0874	-7.52E-5	1.64E-4	1.27E-4
	CC12	-0.1481	-0.3155	-0.0659	-2.81E-4	2.02E-4	1.29E-4
	CC13	-0.1500	-0.3515	-0.0623	-3.11E-4	2.13E-4	1.48E-4
	CC14	0.0362	0.5458	-0.1670	4.87E-4	-1.29E-4	-1.05E-4
	CC15	0.0299	0.4268	-0.1550	3.87E-4	-9.34E-5	-4.29E-5
	CC16	-0.0541	0.4294	-0.1474	3.85E-4	-3.13E-5	-2.82E-5
	CC17	-0.0604	0.3105	-0.1354	2.84E-4	4.64E-6	3.39E-5
	CC18	0.0571	-0.3278	-0.0834	-2.99E-4	3.42E-5	-3.44E-5
	CC19	0.0508	-0.4467	-0.0714	-3.99E-4	7.01E-5	2.77E-5
	CC20	-0.0332	-0.4441	-0.0637	-4.01E-4	1.32E-4	4.24E-5
	CC21	-0.0395	-0.5630	-0.0517	-5.01E-4	1.68E-4	1.05E-4

502	CC1	-0.0009	-0.0088	-0.1111	-1.18E-5	1.31E-5	-1.62E-6
	CC2	-0.0009	-0.0088	-0.1111	-1.18E-5	1.31E-5	-1.62E-6
	CC3	-0.0009	-0.0088	-0.1111	-1.18E-5	1.31E-5	-1.62E-6
	CC4	-0.0006	-0.0080	-0.1087	-1.07E-5	1.22E-5	-1.37E-6
	CC5	-0.0006	-0.0080	-0.1087	-1.07E-5	1.22E-5	-1.37E-6
	CC6	0.1355	0.3164	-0.1697	3.67E-4	-1.33E-4	-1.13E-4
	CC7	0.1336	0.2820	-0.1657	3.30E-4	-1.34E-4	-9.85E-5
	CC8	0.1414	0.0769	-0.1444	8.67E-5	-1.48E-4	-1.06E-4
	CC9	0.1394	0.0425	-0.1403	4.90E-5	-1.49E-4	-9.16E-5
	CC10	-0.1404	-0.0579	-0.0755	-6.96E-5	1.73E-4	8.90E-5
	CC11	-0.1424	-0.0923	-0.0715	-1.07E-4	1.72E-4	1.04E-4
	CC12	-0.1346	-0.2974	-0.0501	-3.50E-4	1.57E-4	9.59E-5
	CC13	-0.1366	-0.3318	-0.0461	-3.88E-4	1.57E-4	1.11E-4
	CC14	0.0344	0.5047	-0.1710	5.86E-4	-7.99E-6	-6.76E-5
	CC15	0.0279	0.3907	-0.1577	4.60E-4	-9.47E-6	-1.85E-5
	CC16	-0.0484	0.3924	-0.1428	4.54E-4	8.37E-5	-6.91E-6
	CC17	-0.0549	0.2784	-0.1294	3.29E-4	8.22E-5	4.22E-5
	CC18	0.0539	-0.2938	-0.0864	-3.50E-4	-5.83E-5	-4.48E-5
	CC19	0.0474	-0.4078	-0.0731	-4.75E-4	-5.98E-5	4.34E-6
	CC20	-0.0289	-0.4061	-0.0582	-4.81E-4	3.34E-5	1.59E-5
	CC21	-0.0354	-0.5201	-0.0448	-6.06E-4	3.19E-5	6.50E-5
503	CC1	0.0002	-0.0077	-0.1109	-1.24E-5	1.17E-5	-1.83E-6
	CC2	0.0002	-0.0077	-0.1109	-1.24E-5	1.17E-5	-1.83E-6
	CC3	0.0002	-0.0077	-0.1109	-1.24E-5	1.17E-5	-1.83E-6
	CC4	0.0004	-0.0070	-0.1086	-1.12E-5	1.08E-5	-1.66E-6
	CC5	0.0004	-0.0070	-0.1086	-1.12E-5	1.08E-5	-1.66E-6
	CC6	0.1234	0.2858	-0.1697	3.51E-4	-1.51E-4	-1.10E-4
	CC7	0.1216	0.2546	-0.1656	3.15E-4	-1.48E-4	-9.56E-5
	CC8	0.1288	0.0696	-0.1445	7.08E-5	-1.53E-4	-9.83E-5
	CC9	0.1270	0.0384	-0.1405	3.49E-5	-1.51E-4	-8.41E-5
	CC10	-0.1261	-0.0519	-0.0751	-5.66E-5	1.72E-4	8.09E-5
	CC11	-0.1279	-0.0831	-0.0710	-9.25E-5	1.75E-4	9.51E-5
	CC12	-0.1207	-0.2681	-0.0499	-3.36E-4	1.69E-4	9.24E-5
	CC13	-0.1225	-0.2993	-0.0459	-3.72E-4	1.72E-4	1.07E-4
	CC14	0.0319	0.4558	-0.1706	5.76E-4	-3.76E-5	-7.28E-5
	CC15	0.0258	0.3527	-0.1572	4.57E-4	-2.81E-5	-2.58E-5
	CC16	-0.0430	0.3545	-0.1422	4.54E-4	5.91E-5	-1.56E-5
	CC17	-0.0490	0.2514	-0.1288	3.35E-4	6.86E-5	3.14E-5
	CC18	0.0499	-0.2649	-0.0867	-3.57E-4	-4.74E-5	-3.46E-5
	CC19	0.0439	-0.3680	-0.0733	-4.76E-4	-3.79E-5	1.24E-5
	CC20	-0.0249	-0.3662	-0.0583	-4.79E-4	4.93E-5	2.26E-5
	CC21	-0.0310	-0.4694	-0.0450	-5.98E-4	5.88E-5	6.96E-5
504	CC1	0.0010	-0.0066	-0.1106	-1.24E-5	6.81E-6	5.90E-7
	CC2	0.0010	-0.0066	-0.1106	-1.24E-5	6.81E-6	5.90E-7
	CC3	0.0010	-0.0066	-0.1106	-1.24E-5	6.81E-6	5.90E-7
	CC4	0.0012	-0.0060	-0.1083	-1.13E-5	6.06E-6	6.57E-7
	CC5	0.0012	-0.0060	-0.1083	-1.13E-5	6.06E-6	6.57E-7
	CC6	0.1109	0.2559	-0.1696	3.55E-4	-1.47E-4	-1.16E-4
	CC7	0.1092	0.2279	-0.1656	3.19E-4	-1.48E-4	-1.02E-4
	CC8	0.1156	0.0625	-0.1445	8.22E-5	-1.71E-4	-9.47E-5
	CC9	0.1139	0.0345	-0.1405	4.61E-5	-1.72E-4	-8.02E-5
	CC10	-0.1114	-0.0461	-0.0745	-6.80E-5	1.83E-4	8.16E-5
	CC11	-0.1131	-0.0741	-0.0704	-1.04E-4	1.82E-4	9.61E-5
	CC12	-0.1067	-0.2395	-0.0494	-3.41E-4	1.60E-4	1.03E-4
	CC13	-0.1084	-0.2675	-0.0453	-3.77E-4	1.59E-4	1.17E-4
	CC14	0.0295	0.4081	-0.1702	5.67E-4	-3.37E-6	-8.85E-5
	CC15	0.0239	0.3155	-0.1569	4.48E-4	-5.73E-6	-4.06E-5
	CC16	-0.0372	0.3175	-0.1417	4.40E-4	9.57E-5	-2.92E-5
	CC17	-0.0428	0.2248	-0.1283	3.21E-4	9.34E-5	1.87E-5
	CC18	0.0453	-0.2365	-0.0866	-3.43E-4	-8.18E-5	-1.74E-5
	CC19	0.0396	-0.3291	-0.0733	-4.62E-4	-8.41E-5	3.06E-5
	CC20	-0.0214	-0.3271	-0.0581	-4.69E-4	1.73E-5	4.19E-5
	CC21	-0.0271	-0.4197	-0.0447	-5.89E-4	1.50E-5	8.99E-5
505	CC1	0.0069	-0.0216	-0.0941	-3.15E-5	0.00E+0	1.12E-5
	CC2	0.0069	-0.0216	-0.0941	-3.15E-5	0.00E+0	1.12E-5
	CC3	0.0069	-0.0216	-0.0941	-3.15E-5	0.00E+0	1.12E-5
	CC4	0.0064	-0.0203	-0.0914	-2.97E-5	0.00E+0	9.81E-6
	CC5	0.0064	-0.0203	-0.0914	-2.97E-5	0.00E+0	9.81E-6
	CC6	0.1377	0.0329	-0.0824	2.33E-5	1.93E-29	-1.39E-4
	CC7	0.1420	0.0337	-0.0819	2.60E-5	1.93E-29	-1.20E-4
	CC8	0.1510	-0.1876	-0.0440	-2.05E-4	7.57E-3	-1.18E-4
	CC9	0.1553	-0.1868	-0.0435	-2.02E-4	7.57E-3	-9.88E-5

	CC10	-0.1428	0.1471	-0.1374	1.44E-4	-7.57E-3	1.17E-4
	CC11	-0.1384	0.1480	-0.1369	1.47E-4	-7.57E-3	1.36E-4
	CC12	-0.1295	-0.0734	-0.0990	-8.41E-5	-1.93E-29	1.39E-4
	CC13	-0.1251	-0.0726	-0.0985	-8.15E-5	-1.93E-29	1.57E-4
	CC14	0.0190	0.3292	-0.1470	3.29E-4	2.35E-29	-9.55E-5
	CC15	0.0333	0.3320	-0.1453	3.38E-4	2.35E-29	-3.33E-5
	CC16	-0.0651	0.3634	-0.1635	3.65E-4	1.55E-29	-1.86E-5
	CC17	-0.0508	0.3663	-0.1618	3.74E-4	1.55E-29	4.35E-5
	CC18	0.0634	-0.4059	-0.0191	-4.32E-4	-1.55E-29	-2.48E-5
	CC19	0.0777	-0.4031	-0.0174	-4.24E-4	-1.55E-29	3.74E-5
	CC20	-0.0208	-0.3717	-0.0356	-3.96E-4	-2.35E-29	5.21E-5
	CC21	-0.0064	-0.3689	-0.0339	-3.87E-4	-2.35E-29	1.14E-4
506	CC1	0.0054	-0.0218	-0.0967	-5.45E-5	0.00E+0	1.07E-5
	CC2	0.0054	-0.0218	-0.0967	-5.45E-5	0.00E+0	1.07E-5
	CC3	0.0054	-0.0218	-0.0967	-5.45E-5	0.00E+0	1.07E-5
	CC4	0.0056	-0.0202	-0.0938	-5.09E-5	0.00E+0	9.81E-6
	CC5	0.0056	-0.0202	-0.0938	-5.09E-5	0.00E+0	9.81E-6
	CC6	0.1370	0.0681	-0.0755	1.35E-5	2.34E-29	-1.39E-4
	CC7	0.1413	0.0645	-0.0742	1.19E-5	2.34E-29	-1.20E-4
	CC8	0.1503	-0.1575	-0.0596	-1.80E-4	9.42E-3	-1.17E-4
	CC9	0.1547	-0.1610	-0.0584	-1.82E-4	9.42E-3	-9.86E-5
	CC10	-0.1435	0.1217	-0.1273	8.20E-5	-9.42E-3	1.18E-4
	CC11	-0.1391	0.1181	-0.1261	8.04E-5	-9.42E-3	1.36E-4
	CC12	-0.1301	-0.1039	-0.1114	-1.11E-4	-2.34E-29	1.39E-4
	CC13	-0.1258	-0.1074	-0.1102	-1.13E-4	-2.34E-29	1.58E-4
	CC14	0.0183	0.3542	-0.1135	2.65E-4	2.83E-29	-9.53E-5
	CC15	0.0327	0.3423	-0.1094	2.60E-4	2.83E-29	-3.32E-5
	CC16	-0.0658	0.3702	-0.1291	2.86E-4	1.84E-29	-1.85E-5
	CC17	-0.0515	0.3583	-0.1250	2.80E-4	1.84E-29	4.37E-5
	CC18	0.0627	-0.3977	-0.0607	-3.80E-4	-1.84E-29	-2.47E-5
	CC19	0.0770	-0.4096	-0.0566	-3.85E-4	-1.84E-29	3.75E-5
	CC20	-0.0215	-0.3816	-0.0762	-3.59E-4	-2.83E-29	5.22E-5
	CC21	-0.0071	-0.3935	-0.0721	-3.65E-4	-2.83E-29	1.14E-4
507	CC1	0.0075	-0.0148	-0.0915	0.00E+0	-1.95E-5	-1.01E-5
	CC2	0.0075	-0.0148	-0.0915	0.00E+0	-1.95E-5	-1.01E-5
	CC3	0.0075	-0.0148	-0.0915	0.00E+0	-1.95E-5	-1.01E-5
	CC4	0.0070	-0.0138	-0.0894	0.00E+0	-1.83E-5	-9.03E-6
	CC5	0.0070	-0.0138	-0.0894	0.00E+0	-1.83E-5	-9.03E-6
	CC6	0.1614	-0.3202	-0.0605	1.13E-29	-1.67E-4	-1.57E-4
	CC7	0.1575	-0.2737	-0.0638	1.13E-29	-1.64E-4	-1.38E-4
	CC8	0.1654	-0.4893	-0.0494	4.56E-3	-1.72E-4	-1.36E-4
	CC9	0.1615	-0.4428	-0.0527	4.56E-3	-1.69E-4	-1.17E-4
	CC10	-0.1479	0.4158	-0.1248	-4.56E-3	1.33E-4	9.95E-5
	CC11	-0.1518	0.4622	-0.1281	-4.56E-3	1.36E-4	1.18E-4
	CC12	-0.1438	0.2467	-0.1136	-1.13E-29	1.28E-4	1.21E-4
	CC13	-0.1478	0.2931	-0.1169	-1.13E-29	1.31E-4	1.39E-4
	CC14	0.0530	0.0811	-0.0922	1.36E-29	-6.01E-5	-1.14E-4
	CC15	0.0401	0.2347	-0.1031	1.36E-29	-4.91E-5	-5.13E-5
	CC16	-0.0398	0.3019	-0.1114	8.85E-3	2.99E-5	-3.66E-5
	CC17	-0.0527	0.4555	-0.1224	8.85E-3	4.08E-5	2.55E-5
	CC18	0.0664	-0.4826	-0.0550	-8.85E-3	-7.67E-5	-4.28E-5
	CC19	0.0535	-0.3289	-0.0660	-8.85E-3	-6.57E-5	1.93E-5
	CC20	-0.0264	-0.2618	-0.0743	-1.36E-29	1.33E-5	3.40E-5
	CC21	-0.0393	-0.1081	-0.0853	-1.36E-29	2.43E-5	9.62E-5
508	CC1	0.0086	-0.0148	-0.0933	0.00E+0	-2.46E-5	-1.24E-5
	CC2	0.0086	-0.0148	-0.0933	0.00E+0	-2.46E-5	-1.24E-5
	CC3	0.0086	-0.0148	-0.0933	0.00E+0	-2.46E-5	-1.24E-5
	CC4	0.0080	-0.0139	-0.0912	0.00E+0	-2.30E-5	-1.11E-5
	CC5	0.0080	-0.0139	-0.0912	0.00E+0	-2.30E-5	-1.11E-5
	CC6	0.1684	-0.3202	-0.0686	1.72E-29	-1.79E-4	-1.59E-4
	CC7	0.1627	-0.2738	-0.0676	1.72E-29	-1.74E-4	-1.40E-4
	CC8	0.1704	-0.4893	-0.0750	6.80E-3	-1.82E-4	-1.38E-4
	CC9	0.1647	-0.4429	-0.0740	6.80E-3	-1.77E-4	-1.19E-4
	CC10	-0.1491	0.4157	-0.1069	-6.80E-3	1.32E-4	9.74E-5
	CC11	-0.1548	0.4622	-0.1059	-6.80E-3	1.37E-4	1.16E-4
	CC12	-0.1471	0.2467	-0.1133	-1.72E-29	1.29E-4	1.19E-4
	CC13	-0.1528	0.2931	-0.1123	-1.72E-29	1.34E-4	1.37E-4
	CC14	0.0615	0.0810	-0.0757	2.10E-29	-7.24E-5	-1.16E-4
	CC15	0.0427	0.2347	-0.0723	2.10E-29	-5.60E-5	-5.34E-5
	CC16	-0.0337	0.3018	-0.0872	1.38E-29	2.07E-5	-3.87E-5
	CC17	-0.0526	0.4555	-0.0838	1.38E-29	3.71E-5	2.35E-5
	CC18	0.0682	-0.4826	-0.0971	-1.38E-29	-8.21E-5	-4.49E-5

	CC19	0.0493	-0.3289	-0.0937	-1.38E-29	-6.57E-5	1.73E-5
	CC20	-0.0271	-0.2618	-0.1086	-2.10E-29	1.10E-5	3.20E-5
	CC21	-0.0460	-0.1082	-0.1052	-2.10E-29	2.74E-5	9.41E-5
509	CC1	-0.0027	-0.0100	-0.1139	-4.17E-7	1.39E-5	5.34E-6
	CC2	-0.0027	-0.0100	-0.1139	-4.17E-7	1.39E-5	5.34E-6
	CC3	-0.0027	-0.0100	-0.1139	-4.17E-7	1.39E-5	5.34E-6
	CC4	-0.0023	-0.0091	-0.1113	4.53E-7	1.32E-5	5.26E-6
	CC5	-0.0023	-0.0091	-0.1113	4.53E-7	1.32E-5	5.26E-6
	CC6	0.1601	0.3454	-0.1309	1.49E-4	-1.34E-4	-1.43E-4
	CC7	0.1539	0.3080	-0.1336	1.34E-4	-1.30E-4	-1.24E-4
	CC8	0.1616	0.0817	-0.1579	2.63E-5	-1.45E-4	-1.22E-4
	CC9	0.1554	0.0444	-0.1606	1.19E-5	-1.41E-4	-1.03E-4
	CC10	-0.1597	-0.0619	-0.0602	-1.04E-5	1.67E-4	1.13E-4
	CC11	-0.1659	-0.0992	-0.0629	-2.48E-5	1.71E-4	1.32E-4
	CC12	-0.1583	-0.3255	-0.0872	-1.33E-4	1.56E-4	1.35E-4
	CC13	-0.1645	-0.3629	-0.0899	-1.47E-4	1.60E-4	1.53E-4
	CC14	0.0537	0.5537	-0.0714	2.53E-4	-1.99E-5	-9.96E-5
	CC15	0.0332	0.4299	-0.0805	2.05E-4	-7.31E-6	-3.75E-5
	CC16	-0.0422	0.4315	-0.0502	2.05E-4	7.03E-5	-2.28E-5
	CC17	-0.0628	0.3078	-0.0593	1.57E-4	8.30E-5	3.94E-5
	CC18	0.0584	-0.3253	-0.1615	-1.56E-4	-5.72E-5	-2.89E-5
	CC19	0.0379	-0.4490	-0.1706	-2.03E-4	-4.46E-5	3.32E-5
	CC20	-0.0375	-0.4474	-0.1403	-2.04E-4	3.31E-5	4.79E-5
	CC21	-0.0581	-0.5712	-0.1494	-2.51E-4	4.57E-5	1.10E-4
510	CC1	-0.0004	0.0000	-0.0859	2.67E-6	8.34E-6	-7.25E-7
	CC2	-0.0004	0.0000	-0.0859	2.67E-6	8.34E-6	-7.25E-7
	CC3	-0.0004	0.0000	-0.0859	2.67E-6	8.34E-6	-7.25E-7
	CC4	-0.0003	0.0000	-0.0840	2.59E-6	7.83E-6	-8.05E-7
	CC5	-0.0003	0.0000	-0.0840	2.59E-6	7.83E-6	-8.05E-7
	CC6	0.0046	-0.0118	-0.0710	1.49E-5	-1.05E-4	4.25E-6
	CC7	0.0044	-0.0101	-0.0728	1.32E-5	-1.00E-4	4.16E-6
	CC8	0.0050	-0.0176	-0.0644	2.24E-5	-1.14E-4	5.38E-6
	CC9	0.0048	-0.0160	-0.0662	2.06E-5	-1.09E-4	5.30E-6
	CC10	-0.0054	0.0160	-0.1004	-1.55E-5	1.24E-4	-6.96E-6
	CC11	-0.0057	0.0176	-0.1022	-1.73E-5	1.29E-4	-7.04E-6
	CC12	-0.0050	0.0101	-0.0938	-8.08E-6	1.16E-4	-5.83E-6
	CC13	-0.0053	0.0118	-0.0956	-9.82E-6	1.21E-4	-5.91E-6
	CC14	0.0009	0.0028	-0.0869	-2.41E-6	-2.04E-5	-9.01E-7
	CC15	0.0001	0.0084	-0.0928	-8.19E-6	-4.40E-6	-1.17E-6
	CC16	-0.0021	0.0111	-0.0957	-1.16E-5	4.85E-5	-4.26E-6
	CC17	-0.0029	0.0167	-0.1017	-1.73E-5	6.45E-5	-4.53E-6
	CC18	0.0022	-0.0167	-0.0650	2.24E-5	-4.92E-5	2.87E-6
	CC19	0.0015	-0.0111	-0.0709	1.67E-5	-3.32E-5	2.60E-6
	CC20	-0.0008	-0.0083	-0.0738	1.33E-5	1.97E-5	-4.94E-7
	CC21	-0.0015	-0.0028	-0.0798	7.53E-6	3.57E-5	-7.64E-7
511	CC1	-0.0006	-0.0001	-0.0863	2.36E-6	1.29E-5	4.93E-6
	CC2	-0.0006	-0.0001	-0.0863	2.36E-6	1.29E-5	4.93E-6
	CC3	-0.0006	-0.0001	-0.0863	2.36E-6	1.29E-5	4.93E-6
	CC4	-0.0005	-0.0001	-0.0843	2.20E-6	1.20E-5	4.62E-6
	CC5	-0.0005	-0.0001	-0.0843	2.20E-6	1.20E-5	4.62E-6
	CC6	0.0044	-0.0120	-0.0782	-2.15E-5	-1.03E-4	-1.60E-5
	CC7	0.0043	-0.0103	-0.0789	-1.93E-5	-1.00E-4	-1.79E-5
	CC8	0.0043	-0.0179	-0.0755	-2.51E-5	-1.01E-4	-7.69E-6
	CC9	0.0042	-0.0162	-0.0762	-2.29E-5	-9.80E-5	-9.55E-6
	CC10	-0.0052	0.0160	-0.0910	2.72E-5	1.21E-4	1.86E-5
	CC11	-0.0054	0.0177	-0.0918	2.94E-5	1.24E-4	1.67E-5
	CC12	-0.0053	0.0101	-0.0883	2.36E-5	1.24E-4	2.69E-5
	CC13	-0.0055	0.0118	-0.0890	2.58E-5	1.27E-4	2.51E-5
	CC14	0.0013	0.0028	-0.0850	-2.75E-6	-3.08E-5	-1.15E-5
	CC15	0.0009	0.0083	-0.0875	4.51E-6	-2.07E-5	-1.76E-5
	CC16	-0.0016	0.0111	-0.0889	1.19E-5	3.66E-5	-1.08E-6
	CC17	-0.0020	0.0167	-0.0913	1.91E-5	4.68E-5	-7.25E-6
	CC18	0.0010	-0.0169	-0.0759	-1.48E-5	-2.34E-5	1.63E-5
	CC19	0.0006	-0.0113	-0.0784	-7.58E-6	-1.32E-5	1.01E-5
	CC20	-0.0019	-0.0085	-0.0798	-2.19E-7	4.41E-5	2.67E-5
	CC21	-0.0023	-0.0029	-0.0822	7.04E-6	5.42E-5	2.05E-5
512	CC1	-0.0017	-0.0010	-0.0885	-6.47E-6	1.48E-5	-1.24E-6
	CC2	-0.0017	-0.0010	-0.0885	-6.47E-6	1.48E-5	-1.24E-6
	CC3	-0.0017	-0.0010	-0.0885	-6.47E-6	1.48E-5	-1.24E-6
	CC4	-0.0016	-0.0010	-0.0865	-5.91E-6	1.42E-5	-1.65E-6
	CC5	-0.0016	-0.0010	-0.0865	-5.91E-6	1.42E-5	-1.65E-6
	CC6	0.0281	-0.0548	-0.0688	-9.83E-5	-1.40E-4	-2.60E-5

	CC7	0.0274	-0.0470	-0.0713	-8.46E-5	-1.39E-4	-2.30E-5
	CC8	0.0287	-0.0823	-0.0595	-1.49E-4	-1.33E-4	-2.25E-5
	CC9	0.0280	-0.0745	-0.0620	-1.35E-4	-1.32E-4	-1.95E-5
	CC10	-0.0312	0.0726	-0.1095	1.24E-4	1.60E-4	1.59E-5
	CC11	-0.0319	0.0804	-0.1120	1.38E-4	1.61E-4	1.89E-5
	CC12	-0.0306	0.0452	-0.1002	7.31E-5	1.66E-4	1.94E-5
	CC13	-0.0313	0.0529	-0.1027	8.69E-5	1.68E-4	2.24E-5
	CC14	0.0075	0.0129	-0.0910	2.29E-5	-4.39E-5	-1.89E-5
	CC15	0.0052	0.0386	-0.0993	6.84E-5	-4.01E-5	-8.83E-6
	CC16	-0.0103	0.0512	-0.1032	8.96E-5	4.60E-5	-6.29E-6
	CC17	-0.0126	0.0769	-0.1115	1.35E-4	4.97E-5	3.74E-6
	CC18	0.0093	-0.0787	-0.0600	-1.47E-4	-2.18E-5	-7.33E-6
	CC19	0.0070	-0.0530	-0.0683	-1.01E-4	-1.80E-5	2.71E-6
	CC20	-0.0084	-0.0405	-0.0722	-7.99E-5	6.81E-5	5.24E-6
	CC21	-0.0107	-0.0148	-0.0805	-3.43E-5	7.18E-5	1.53E-5
513	CC1	-0.0009	-0.0003	-0.0872	3.07E-6	5.40E-6	-4.24E-6
	CC2	-0.0009	-0.0003	-0.0872	3.07E-6	5.40E-6	-4.24E-6
	CC3	-0.0009	-0.0003	-0.0872	3.07E-6	5.40E-6	-4.24E-6
	CC4	-0.0009	-0.0003	-0.0852	2.89E-6	4.94E-6	-4.45E-6
	CC5	-0.0009	-0.0003	-0.0852	2.89E-6	4.94E-6	-4.45E-6
	CC6	0.0156	-0.0309	-0.0699	1.98E-5	-1.49E-4	-1.69E-5
	CC7	0.0151	-0.0265	-0.0721	2.14E-5	-1.47E-4	-1.54E-5
	CC8	0.0163	-0.0463	-0.0620	1.36E-5	-1.44E-4	-1.56E-5
	CC9	0.0158	-0.0420	-0.0641	1.53E-5	-1.42E-4	-1.41E-5
	CC10	-0.0175	0.0414	-0.1050	-9.60E-6	1.52E-4	5.06E-6
	CC11	-0.0180	0.0457	-0.1072	-7.93E-6	1.53E-4	6.61E-6
	CC12	-0.0168	0.0259	-0.0971	-1.58E-5	1.57E-4	6.33E-6
	CC13	-0.0173	0.0303	-0.0992	-1.41E-5	1.59E-4	7.87E-6
	CC14	0.0038	0.0073	-0.0890	1.47E-5	-5.22E-5	-1.25E-5
	CC15	0.0020	0.0218	-0.0961	2.03E-5	-4.64E-5	-7.37E-6
	CC16	-0.0061	0.0290	-0.0995	5.92E-6	3.80E-5	-5.89E-6
	CC17	-0.0079	0.0435	-0.1067	1.15E-5	4.38E-5	-7.81E-7
	CC18	0.0062	-0.0441	-0.0625	-5.78E-6	-3.43E-5	-8.25E-6
	CC19	0.0044	-0.0296	-0.0696	-2.45E-7	-2.84E-5	-3.15E-6
	CC20	-0.0037	-0.0224	-0.0730	-1.46E-5	5.60E-5	-1.66E-6
	CC21	-0.0055	-0.0079	-0.0801	-9.05E-6	6.18E-5	3.44E-6
514	CC1	-0.0014	-0.0005	-0.0879	-4.84E-7	6.93E-6	1.48E-5
	CC2	-0.0014	-0.0005	-0.0879	-4.84E-7	6.93E-6	1.48E-5
	CC3	-0.0014	-0.0005	-0.0879	-4.84E-7	6.93E-6	1.48E-5
	CC4	-0.0013	-0.0004	-0.0858	-6.01E-7	6.20E-6	1.40E-5
	CC5	-0.0013	-0.0004	-0.0858	-6.01E-7	6.20E-6	1.40E-5
	CC6	0.0158	-0.0313	-0.0814	-5.16E-5	-1.59E-4	2.35E-5
	CC7	0.0153	-0.0269	-0.0818	-4.42E-5	-1.52E-4	2.20E-5
	CC8	0.0156	-0.0469	-0.0796	-7.30E-5	-1.64E-4	3.52E-5
	CC9	0.0151	-0.0424	-0.0801	-6.56E-5	-1.58E-4	3.37E-5
	CC10	-0.0177	0.0416	-0.0903	6.43E-5	1.70E-4	-6.28E-6
	CC11	-0.0182	0.0461	-0.0907	7.17E-5	1.76E-4	-7.78E-6
	CC12	-0.0179	0.0261	-0.0885	4.29E-5	1.64E-4	5.45E-6
	CC13	-0.0184	0.0305	-0.0890	5.03E-5	1.71E-4	3.94E-6
	CC14	0.0049	0.0073	-0.0860	5.46E-6	-4.45E-5	1.13E-6
	CC15	0.0032	0.0219	-0.0875	2.98E-5	-2.35E-5	-3.85E-6
	CC16	-0.0052	0.0292	-0.0887	4.02E-5	5.41E-5	-7.80E-6
	CC17	-0.0068	0.0438	-0.0902	6.46E-5	7.51E-5	-1.28E-5
	CC18	0.0043	-0.0446	-0.0801	-6.59E-5	-6.32E-5	4.02E-5
	CC19	0.0026	-0.0300	-0.0817	-4.15E-5	-4.22E-5	3.52E-5
	CC20	-0.0058	-0.0228	-0.0828	-3.11E-5	3.54E-5	3.13E-5
	CC21	-0.0075	-0.0081	-0.0843	-6.74E-6	5.64E-5	2.63E-5
515	CC1	-0.0024	-0.0011	-0.0894	2.23E-6	1.58E-5	1.58E-5
	CC2	-0.0024	-0.0011	-0.0894	2.23E-6	1.58E-5	1.58E-5
	CC3	-0.0024	-0.0011	-0.0894	2.23E-6	1.58E-5	1.58E-5
	CC4	-0.0022	-0.0010	-0.0873	2.13E-6	1.52E-5	1.49E-5
	CC5	-0.0022	-0.0010	-0.0873	2.13E-6	1.52E-5	1.49E-5
	CC6	0.0292	-0.0552	-0.0843	-8.02E-5	-1.45E-4	-2.41E-6
	CC7	0.0282	-0.0474	-0.0844	-6.77E-5	-1.39E-4	-3.63E-7
	CC8	0.0288	-0.0829	-0.0837	-1.27E-4	-1.47E-4	3.57E-6
	CC9	0.0279	-0.0751	-0.0838	-1.15E-4	-1.41E-4	5.62E-6
	CC10	-0.0322	0.0731	-0.0894	1.19E-4	1.71E-4	2.35E-5
	CC11	-0.0332	0.0809	-0.0895	1.32E-4	1.77E-4	2.55E-5
	CC12	-0.0326	0.0454	-0.0888	7.19E-5	1.69E-4	2.95E-5
	CC13	-0.0335	0.0532	-0.0889	8.44E-5	1.75E-4	3.15E-5
	CC14	0.0093	0.0130	-0.0867	3.03E-5	-3.79E-5	-2.68E-6
	CC15	0.0061	0.0389	-0.0871	7.15E-5	-1.89E-5	4.09E-6

	CC16	-0.0091	0.0515	-0.0882	9.01E-5	5.68E-5	5.09E-6
	CC17	-0.0124	0.0773	-0.0886	1.31E-4	7.58E-5	1.19E-5
	CC18	0.0081	-0.0793	-0.0846	-1.27E-4	-4.59E-5	1.73E-5
	CC19	0.0048	-0.0535	-0.0850	-8.59E-5	-2.68E-5	2.40E-5
	CC20	-0.0104	-0.0409	-0.0861	-6.74E-5	4.89E-5	2.50E-5
	CC21	-0.0136	-0.0150	-0.0865	-2.61E-5	6.79E-5	3.18E-5
516	CC1	-0.0013	-0.0003	-0.0874	-3.84E-6	4.13E-7	-9.76E-7
	CC2	-0.0013	-0.0003	-0.0874	-3.84E-6	4.13E-7	-9.76E-7
	CC3	-0.0013	-0.0003	-0.0874	-3.84E-6	4.13E-7	-9.76E-7
	CC4	-0.0012	-0.0003	-0.0853	-3.61E-6	4.22E-7	-8.55E-7
	CC5	-0.0012	-0.0003	-0.0853	-3.61E-6	4.22E-7	-8.55E-7
	CC6	0.0056	-0.0156	-0.0735	-2.28E-4	-2.54E-5	-1.18E-4
	CC7	0.0055	-0.0135	-0.0726	-1.96E-4	-2.16E-5	-1.02E-4
	CC8	0.0049	-0.0226	-0.0774	-3.33E-4	-3.91E-5	-1.60E-4
	CC9	0.0047	-0.0204	-0.0765	-3.01E-4	-3.54E-5	-1.44E-4
	CC10	-0.0071	0.0198	-0.0928	2.94E-4	3.62E-5	1.42E-4
	CC11	-0.0072	0.0220	-0.0919	3.26E-4	4.00E-5	1.58E-4
	CC12	-0.0079	0.0129	-0.0967	1.89E-4	2.25E-5	1.00E-4
	CC13	-0.0080	0.0150	-0.0958	2.21E-4	2.63E-5	1.16E-4
	CC14	0.0022	0.0024	-0.0768	4.04E-5	7.77E-6	3.89E-6
	CC15	0.0018	0.0095	-0.0738	1.46E-4	2.03E-5	5.71E-5
	CC16	-0.0016	0.0130	-0.0825	1.97E-4	2.63E-5	8.20E-5
	CC17	-0.0020	0.0202	-0.0796	3.03E-4	3.88E-5	1.35E-4
	CC18	-0.0003	-0.0208	-0.0897	-3.10E-4	-3.79E-5	-1.37E-4
	CC19	-0.0008	-0.0136	-0.0868	-2.04E-4	-2.54E-5	-8.36E-5
	CC20	-0.0041	-0.0101	-0.0955	-1.53E-4	-1.95E-5	-5.87E-5
	CC21	-0.0046	-0.0030	-0.0925	-4.75E-5	-6.92E-6	-5.52E-6
517	CC1	-0.0025	-0.0008	-0.0890	-3.20E-6	8.41E-7	-4.29E-6
	CC2	-0.0025	-0.0008	-0.0890	-3.20E-6	8.41E-7	-4.29E-6
	CC3	-0.0025	-0.0008	-0.0890	-3.20E-6	8.41E-7	-4.29E-6
	CC4	-0.0023	-0.0008	-0.0869	-2.91E-6	8.42E-7	-3.95E-6
	CC5	-0.0023	-0.0008	-0.0869	-2.91E-6	8.42E-7	-3.95E-6
	CC6	0.0158	-0.0371	-0.0669	-2.57E-4	-5.27E-5	-8.76E-5
	CC7	0.0151	-0.0319	-0.0651	-2.20E-4	-4.50E-5	-7.63E-5
	CC8	0.0149	-0.0543	-0.0743	-3.82E-4	-8.02E-5	-1.11E-4
	CC9	0.0143	-0.0492	-0.0725	-3.45E-4	-7.25E-5	-1.00E-4
	CC10	-0.0188	0.0477	-0.1000	3.40E-4	7.41E-5	9.24E-5
	CC11	-0.0194	0.0529	-0.0982	3.76E-4	8.19E-5	1.04E-4
	CC12	-0.0197	0.0304	-0.1074	2.15E-4	4.66E-5	6.86E-5
	CC13	-0.0203	0.0356	-0.1056	2.52E-4	5.44E-5	8.00E-5
	CC14	0.0053	0.0068	-0.0719	5.45E-5	1.48E-5	-9.99E-6
	CC15	0.0033	0.0239	-0.0660	1.77E-4	4.05E-5	2.77E-5
	CC16	-0.0050	0.0322	-0.0818	2.34E-4	5.28E-5	4.40E-5
	CC17	-0.0071	0.0493	-0.0759	3.56E-4	7.85E-5	8.17E-5
	CC18	0.0026	-0.0508	-0.0966	-3.61E-4	-7.68E-5	-8.94E-5
	CC19	0.0005	-0.0337	-0.0906	-2.39E-4	-5.12E-5	-5.17E-5
	CC20	-0.0078	-0.0254	-0.1065	-1.82E-4	-3.88E-5	-3.54E-5
	CC21	-0.0099	-0.0082	-0.1005	-6.02E-5	-1.31E-5	2.31E-6
518	CC1	-0.0032	-0.0014	-0.0904	-8.36E-6	-1.65E-6	-8.19E-6
	CC2	-0.0032	-0.0014	-0.0904	-8.36E-6	-1.65E-6	-8.19E-6
	CC3	-0.0032	-0.0014	-0.0904	-8.36E-6	-1.65E-6	-8.19E-6
	CC4	-0.0030	-0.0013	-0.0883	-7.80E-6	-1.52E-6	-7.66E-6
	CC5	-0.0030	-0.0013	-0.0883	-7.80E-6	-1.52E-6	-7.66E-6
	CC6	0.0289	-0.0604	-0.0612	-2.72E-4	-5.13E-5	-4.69E-5
	CC7	0.0277	-0.0519	-0.0586	-2.33E-4	-4.40E-5	-4.19E-5
	CC8	0.0281	-0.0892	-0.0716	-4.03E-4	-7.75E-5	-4.65E-5
	CC9	0.0269	-0.0808	-0.0690	-3.65E-4	-7.01E-5	-4.15E-5
	CC10	-0.0328	0.0782	-0.1061	3.49E-4	6.72E-5	2.66E-5
	CC11	-0.0340	0.0867	-0.1035	3.88E-4	7.45E-5	3.16E-5
	CC12	-0.0335	0.0494	-0.1165	2.18E-4	4.10E-5	2.69E-5
	CC13	-0.0348	0.0579	-0.1140	2.57E-4	4.83E-5	3.19E-5
	CC14	0.0097	0.0119	-0.0677	5.41E-5	1.22E-5	-2.74E-5
	CC15	0.0056	0.0400	-0.0592	1.82E-4	3.65E-5	-1.08E-5
	CC16	-0.0088	0.0535	-0.0812	2.40E-4	4.78E-5	-5.33E-6
	CC17	-0.0129	0.0816	-0.0727	3.69E-4	7.20E-5	1.12E-5
	CC18	0.0071	-0.0842	-0.1024	-3.84E-4	-7.50E-5	-2.62E-5
	CC19	0.0029	-0.0561	-0.0939	-2.56E-4	-5.08E-5	-9.65E-6
	CC20	-0.0114	-0.0426	-0.1159	-1.97E-4	-3.95E-5	-4.19E-6
	CC21	-0.0156	-0.0145	-0.1074	-6.93E-5	-1.52E-5	1.24E-5
519	CC1	-0.0007	-0.0001	-0.0861	-5.28E-7	-5.94E-7	-1.76E-6
	CC2	-0.0007	-0.0001	-0.0861	-5.28E-7	-5.94E-7	-1.76E-6
	CC3	-0.0007	-0.0001	-0.0861	-5.28E-7	-5.94E-7	-1.76E-6

	CC4	-0.0007	-0.0001	-0.0841	-3.16E-7	-5.59E-7	-1.59E-6
	CC5	-0.0007	-0.0001	-0.0841	-3.16E-7	-5.59E-7	-1.59E-6
	CC6	0.0056	-0.0154	-0.0611	-2.22E-4	-2.55E-5	-1.24E-4
	CC7	0.0053	-0.0133	-0.0644	-1.90E-4	-2.19E-5	-1.07E-4
	CC8	0.0064	-0.0223	-0.0495	-3.27E-4	-3.94E-5	-1.70E-4
	CC9	0.0062	-0.0202	-0.0528	-2.96E-4	-3.57E-5	-1.54E-4
	CC10	-0.0075	0.0200	-0.1141	2.95E-4	3.46E-5	1.50E-4
	CC11	-0.0077	0.0221	-0.1174	3.27E-4	3.83E-5	1.67E-4
	CC12	-0.0066	0.0130	-0.1025	1.90E-4	2.08E-5	1.04E-4
	CC13	-0.0069	0.0152	-0.1058	2.21E-4	2.44E-5	1.21E-4
	CC14	0.0003	0.0026	-0.0893	4.58E-5	7.50E-6	6.35E-6
	CC15	-0.0006	0.0097	-0.1003	1.51E-4	1.96E-5	6.23E-5
	CC16	-0.0036	0.0132	-0.1052	2.01E-4	2.55E-5	8.88E-5
	CC17	-0.0045	0.0203	-0.1162	3.06E-4	3.76E-5	1.45E-4
	CC18	0.0032	-0.0205	-0.0507	-3.06E-4	-3.87E-5	-1.48E-4
	CC19	0.0023	-0.0134	-0.0617	-2.01E-4	-2.66E-5	-9.18E-5
	CC20	-0.0007	-0.0099	-0.0666	-1.51E-4	-2.07E-5	-6.54E-5
	CC21	-0.0016	-0.0028	-0.0776	-4.63E-5	-8.59E-6	-9.40E-6
520	CC1	-0.0014	-0.0005	-0.0869	-4.79E-6	-6.41E-7	-4.53E-6
	CC2	-0.0014	-0.0005	-0.0869	-4.79E-6	-6.41E-7	-4.53E-6
	CC3	-0.0014	-0.0005	-0.0869	-4.79E-6	-6.41E-7	-4.53E-6
	CC4	-0.0013	-0.0004	-0.0850	-4.41E-6	-5.93E-7	-4.20E-6
	CC5	-0.0013	-0.0004	-0.0850	-4.41E-6	-5.93E-7	-4.20E-6
	CC6	0.0148	-0.0364	-0.0557	-2.46E-4	-4.97E-5	-9.79E-5
	CC7	0.0144	-0.0312	-0.0600	-2.11E-4	-4.26E-5	-8.50E-5
	CC8	0.0159	-0.0534	-0.0406	-3.67E-4	-7.56E-5	-1.28E-4
	CC9	0.0155	-0.0483	-0.0449	-3.32E-4	-6.85E-5	-1.15E-4
	CC10	-0.0181	0.0475	-0.1238	3.23E-4	6.73E-5	1.06E-4
	CC11	-0.0185	0.0526	-0.1280	3.58E-4	7.44E-5	1.19E-4
	CC12	-0.0169	0.0304	-0.1087	2.02E-4	4.15E-5	7.68E-5
	CC13	-0.0174	0.0355	-0.1130	2.37E-4	4.86E-5	8.97E-5
	CC14	0.0025	0.0070	-0.0922	5.39E-5	1.32E-5	-6.67E-6
	CC15	0.0010	0.0239	-0.1063	1.70E-4	3.67E-5	3.61E-5
	CC16	-0.0074	0.0321	-0.1126	2.25E-4	4.83E-5	5.46E-5
	CC17	-0.0088	0.0490	-0.1267	3.41E-4	7.18E-5	9.74E-5
	CC18	0.0063	-0.0498	-0.0419	-3.49E-4	-7.30E-5	-1.06E-4
	CC19	0.0048	-0.0329	-0.0561	-2.33E-4	-4.95E-5	-6.28E-5
	CC20	-0.0036	-0.0247	-0.0623	-1.79E-4	-3.79E-5	-4.42E-5
	CC21	-0.0050	-0.0078	-0.0765	-6.25E-5	-1.44E-5	-1.51E-6
521	CC1	-0.0018	-0.0012	-0.0877	-8.96E-6	-2.19E-6	-5.36E-6
	CC2	-0.0018	-0.0012	-0.0877	-8.96E-6	-2.19E-6	-5.36E-6
	CC3	-0.0018	-0.0012	-0.0877	-8.96E-6	-2.19E-6	-5.36E-6
	CC4	-0.0017	-0.0011	-0.0857	-8.38E-6	-2.06E-6	-4.97E-6
	CC5	-0.0017	-0.0011	-0.0857	-8.38E-6	-2.06E-6	-4.97E-6
	CC6	0.0266	-0.0595	-0.0509	-2.66E-4	-5.21E-5	-5.82E-5
	CC7	0.0261	-0.0511	-0.0560	-2.28E-4	-4.47E-5	-5.10E-5
	CC8	0.0277	-0.0879	-0.0326	-3.98E-4	-7.94E-5	-6.57E-5
	CC9	0.0272	-0.0795	-0.0378	-3.60E-4	-7.20E-5	-5.85E-5
	CC10	-0.0306	0.0775	-0.1323	3.43E-4	6.80E-5	4.89E-5
	CC11	-0.0311	0.0858	-0.1374	3.81E-4	7.54E-5	5.61E-5
	CC12	-0.0296	0.0490	-0.1140	2.12E-4	4.07E-5	4.14E-5
	CC13	-0.0301	0.0574	-0.1191	2.50E-4	4.81E-5	4.86E-5
	CC14	0.0059	0.0119	-0.0948	5.67E-5	1.32E-5	-2.03E-5
	CC15	0.0043	0.0397	-0.1117	1.82E-4	3.77E-5	3.49E-5
	CC16	-0.0113	0.0530	-0.1192	2.40E-4	4.92E-5	1.18E-5
	CC17	-0.0129	0.0808	-0.1361	3.65E-4	7.38E-5	3.56E-5
	CC18	0.0095	-0.0828	-0.0339	-3.81E-4	-7.78E-5	-4.53E-5
	CC19	0.0078	-0.0551	-0.0508	-2.56E-4	-5.33E-5	-2.15E-5
	CC20	-0.0077	-0.0417	-0.0583	-1.99E-4	-4.18E-5	-1.32E-5
	CC21	-0.0093	-0.0140	-0.0753	-7.31E-5	-1.72E-5	1.06E-5
522	CC1	-0.0002	-0.0011	-0.1052	-1.26E-5	0.00E+0	1.01E-6
	CC2	-0.0002	-0.0011	-0.1052	-1.26E-5	0.00E+0	1.01E-6
	CC3	-0.0002	-0.0011	-0.1052	-1.26E-5	0.00E+0	1.01E-6
	CC4	-0.0002	-0.0010	-0.1014	-1.18E-5	0.00E+0	9.75E-7
	CC5	-0.0002	-0.0010	-0.1014	-1.18E-5	0.00E+0	9.75E-7
	CC6	0.0347	-0.0057	-0.0837	-3.56E-5	7.87E-3	-2.57E-5
	CC7	0.0333	-0.0043	-0.0839	-2.68E-5	7.87E-3	-2.22E-5
	CC8	0.0342	-0.0363	-0.0866	-2.35E-4	3.12E-3	-2.65E-5
	CC9	0.0328	-0.0348	-0.0868	-2.26E-4	3.12E-3	-2.29E-5
	CC10	-0.0332	0.0328	-0.1134	2.03E-4	-3.12E-3	2.49E-5
	CC11	-0.0346	0.0342	-0.1137	2.12E-4	-3.12E-3	2.84E-5
	CC12	-0.0337	0.0022	-0.1164	3.65E-6	-7.87E-3	2.41E-5

	CC13	-0.0351	0.0036	-0.1166	1.24E-5	-7.87E-3	2.77E-5
	CC14	0.0132	0.0418	-0.0904	2.70E-4	9.55E-3	-1.13E-5
	CC15	0.0086	0.0465	-0.0911	2.99E-4	9.55E-3	5.23E-7
	CC16	-0.0072	0.0533	-0.0994	3.42E-4	6.26E-3	3.93E-6
	CC17	-0.0118	0.0580	-0.1001	3.71E-4	6.26E-3	1.57E-5
	CC18	0.0114	-0.0601	-0.1002	-3.94E-4	-6.26E-3	-1.38E-5
	CC19	0.0068	-0.0554	-0.1009	-3.65E-4	-6.26E-3	-2.00E-6
	CC20	-0.0090	-0.0485	-0.1091	-3.22E-4	-9.55E-3	1.40E-6
	CC21	-0.0136	-0.0438	-0.1098	-2.93E-4	-9.55E-3	1.32E-5
523	CC1	0.0001	-0.0003	-0.1032	-5.34E-6	0.00E+0	4.60E-7
	CC2	0.0001	-0.0003	-0.1032	-5.34E-6	0.00E+0	4.60E-7
	CC3	0.0001	-0.0003	-0.1032	-5.34E-6	0.00E+0	4.60E-7
	CC4	0.0001	-0.0003	-0.0995	-5.01E-6	0.00E+0	4.53E-7
	CC5	0.0001	-0.0003	-0.0995	-5.01E-6	0.00E+0	4.53E-7
	CC6	0.0197	-0.0028	-0.0855	-3.32E-5	1.84E-29	-1.88E-5
	CC7	0.0189	-0.0021	-0.0856	-2.53E-5	1.84E-29	-1.62E-5
	CC8	0.0194	-0.0177	-0.0883	-1.92E-4	7.22E-3	-2.23E-5
	CC9	0.0186	-0.0170	-0.0884	-1.84E-4	7.22E-3	-1.97E-5
	CC10	-0.0184	0.0164	-0.1082	1.74E-4	-7.22E-3	2.06E-5
	CC11	-0.0192	0.0171	-0.1082	1.82E-4	-7.22E-3	2.32E-5
	CC12	-0.0188	0.0015	-0.1110	1.55E-5	-1.84E-29	1.71E-5
	CC13	-0.0195	0.0022	-0.1110	2.34E-5	-1.84E-29	1.97E-5
	CC14	0.0076	0.0205	-0.0901	2.15E-4	2.24E-29	-3.96E-6
	CC15	0.0050	0.0229	-0.0903	2.41E-4	2.24E-29	4.78E-6
	CC16	-0.0038	0.0263	-0.0969	2.77E-4	1.47E-29	7.87E-6
	CC17	-0.0064	0.0286	-0.0971	3.03E-4	1.47E-29	1.66E-5
	CC18	0.0066	-0.0293	-0.0994	-3.13E-4	-1.47E-29	-1.57E-5
	CC19	0.0040	-0.0269	-0.0996	-2.87E-4	-1.47E-29	-6.96E-6
	CC20	-0.0049	-0.0235	-0.1062	-2.51E-4	-2.24E-29	-3.88E-6
	CC21	-0.0075	-0.0212	-0.1064	-2.25E-4	-2.24E-29	4.86E-6
524	CC1	0.0003	-0.0001	-0.1011	-1.38E-6	0.00E+0	2.44E-7
	CC2	0.0003	-0.0001	-0.1011	-1.38E-6	0.00E+0	2.44E-7
	CC3	0.0003	-0.0001	-0.1011	-1.38E-6	0.00E+0	2.44E-7
	CC4	0.0002	-0.0001	-0.0975	-1.30E-6	0.00E+0	2.39E-7
	CC5	0.0002	-0.0001	-0.0975	-1.30E-6	0.00E+0	2.39E-7
	CC6	0.0064	-0.0006	-0.0839	-1.89E-5	4.58E-3	-1.00E-5
	CC7	0.0061	-0.0005	-0.0840	-1.43E-5	4.58E-3	-8.49E-6
	CC8	0.0063	-0.0046	-0.0866	-1.10E-4	1.79E-3	-1.65E-5
	CC9	0.0060	-0.0044	-0.0867	-1.05E-4	1.79E-3	-1.50E-5
	CC10	-0.0056	0.0043	-0.1059	1.03E-4	-1.79E-3	1.55E-5
	CC11	-0.0058	0.0045	-0.1060	1.08E-4	-1.79E-3	1.70E-5
	CC12	-0.0057	0.0004	-0.1086	1.17E-5	-4.58E-3	8.97E-6
	CC13	-0.0059	0.0005	-0.1087	1.63E-5	-4.58E-3	1.05E-5
	CC14	0.0026	0.0056	-0.0884	1.25E-4	5.61E-3	4.72E-6
	CC15	0.0018	0.0061	-0.0886	1.40E-4	5.61E-3	9.73E-6
	CC16	-0.0010	0.0070	-0.0950	1.61E-4	3.69E-3	1.24E-5
	CC17	-0.0018	0.0076	-0.0952	1.77E-4	3.69E-3	1.74E-5
	CC18	0.0022	-0.0077	-0.0974	-1.79E-4	-3.69E-3	-1.69E-5
	CC19	0.0014	-0.0072	-0.0976	-1.64E-4	-3.69E-3	-1.19E-5
	CC20	-0.0013	-0.0062	-0.1040	-1.43E-4	-5.61E-3	-9.25E-6
	CC21	-0.0021	-0.0057	-0.1042	-1.27E-4	-5.61E-3	-4.25E-6
525	CC1	-0.0006	-0.0001	-0.1011	-2.75E-6	0.00E+0	4.97E-7
	CC2	-0.0006	-0.0001	-0.1011	-2.75E-6	0.00E+0	4.97E-7
	CC3	-0.0006	-0.0001	-0.1011	-2.75E-6	0.00E+0	4.97E-7
	CC4	-0.0006	-0.0001	-0.0975	-2.58E-6	0.00E+0	4.58E-7
	CC5	-0.0006	-0.0001	-0.0975	-2.58E-6	0.00E+0	4.58E-7
	CC6	0.0081	-0.0008	-0.0728	-1.50E-5	1.85E-29	-5.25E-6
	CC7	0.0078	-0.0006	-0.0733	-1.11E-5	1.85E-29	-4.82E-6
	CC8	0.0079	-0.0046	-0.0756	-1.04E-4	7.31E-3	3.62E-6
	CC9	0.0076	-0.0044	-0.0761	-9.98E-5	7.31E-3	4.05E-6
	CC10	-0.0087	0.0042	-0.1165	9.48E-5	-7.31E-3	-3.16E-6
	CC11	-0.0090	0.0044	-0.1170	9.86E-5	-7.31E-3	-2.73E-6
	CC12	-0.0089	0.0004	-0.1194	6.10E-6	-1.85E-29	5.71E-6
	CC13	-0.0092	0.0006	-0.1199	9.94E-6	-1.85E-29	6.15E-6
	CC14	0.0029	0.0052	-0.0842	1.22E-4	2.25E-29	-1.54E-5
	CC15	0.0017	0.0058	-0.0859	1.35E-4	2.25E-29	-1.39E-5
	CC16	-0.0022	0.0067	-0.0973	1.55E-4	1.48E-29	-1.47E-5
	CC17	-0.0033	0.0073	-0.0990	1.68E-4	1.48E-29	-1.33E-5
	CC18	0.0022	-0.0075	-0.0937	-1.73E-4	-1.48E-29	1.42E-5
	CC19	0.0011	-0.0069	-0.0954	-1.60E-4	-1.48E-29	1.56E-5
	CC20	-0.0028	-0.0060	-0.1068	-1.40E-4	-2.25E-29	1.48E-5
	CC21	-0.0039	-0.0054	-0.1085	-1.28E-4	-2.25E-29	1.63E-5

526	CC1	-0.0009	-0.0005	-0.1029	-7.35E-6	0.00E+0	8.81E-7
	CC2	-0.0009	-0.0005	-0.1029	-7.35E-6	0.00E+0	8.81E-7
	CC3	-0.0009	-0.0005	-0.1029	-7.35E-6	0.00E+0	8.81E-7
	CC4	-0.0008	-0.0005	-0.0992	-6.89E-6	0.00E+0	8.07E-7
	CC5	-0.0008	-0.0005	-0.0992	-6.89E-6	0.00E+0	8.07E-7
	CC6	0.0194	-0.0022	-0.0682	-1.45E-5	2.06E-29	-1.44E-5
	CC7	0.0186	-0.0016	-0.0689	-9.26E-6	2.06E-29	-1.27E-5
	CC8	0.0191	-0.0169	-0.0711	-1.74E-4	8.14E-3	-5.01E-6
	CC9	0.0183	-0.0163	-0.0719	-1.69E-4	8.14E-3	-3.32E-6
	CC10	-0.0199	0.0154	-0.1241	1.56E-4	-8.14E-3	4.88E-6
	CC11	-0.0207	0.0160	-0.1249	1.61E-4	-8.14E-3	6.58E-6
	CC12	-0.0203	0.0006	-0.1271	-4.21E-6	-2.06E-29	1.42E-5
	CC13	-0.0211	0.0012	-0.1279	1.05E-6	-2.06E-29	1.59E-5
	CC14	0.0071	0.0204	-0.0834	2.26E-4	2.52E-29	-2.05E-5
	CC15	0.0044	0.0224	-0.0859	2.43E-4	2.52E-29	-1.49E-5
	CC16	-0.0048	0.0257	-0.1002	2.77E-4	1.65E-29	-1.47E-5
	CC17	-0.0074	0.0277	-0.1027	2.94E-4	1.65E-29	-9.09E-6
	CC18	0.0058	-0.0287	-0.0933	-3.08E-4	-1.65E-29	1.07E-5
	CC19	0.0031	-0.0267	-0.0959	-2.90E-4	-1.65E-29	1.63E-5
	CC20	-0.0060	-0.0234	-0.1101	-2.56E-4	-2.52E-29	1.64E-5
	CC21	-0.0087	-0.0214	-0.1126	-2.39E-4	-2.52E-29	2.20E-5
527	CC1	-0.0010	-0.0014	-0.1045	-1.28E-5	0.00E+0	1.41E-6
	CC2	-0.0010	-0.0014	-0.1045	-1.28E-5	0.00E+0	1.41E-6
	CC3	-0.0010	-0.0014	-0.1045	-1.28E-5	0.00E+0	1.41E-6
	CC4	-0.0010	-0.0013	-0.1008	-1.20E-5	0.00E+0	1.29E-6
	CC5	-0.0010	-0.0013	-0.1008	-1.20E-5	0.00E+0	1.29E-6
	CC6	0.0330	-0.0033	-0.0667	-7.61E-6	9.23E-3	-2.51E-5
	CC7	0.0316	-0.0022	-0.0676	-2.38E-6	9.23E-3	-2.18E-5
	CC8	0.0324	-0.0339	-0.0698	-2.12E-4	3.67E-3	-1.82E-5
	CC9	0.0310	-0.0329	-0.0707	-2.06E-4	3.67E-3	-1.50E-5
	CC10	-0.0329	0.0303	-0.1285	1.83E-4	-3.67E-3	1.75E-5
	CC11	-0.0343	0.0314	-0.1294	1.88E-4	-3.67E-3	2.07E-5
	CC12	-0.0335	-0.0004	-0.1315	-2.11E-5	-9.23E-3	2.43E-5
	CC13	-0.0348	0.0007	-0.1325	-1.59E-5	-9.23E-3	2.76E-5
	CC14	0.0121	0.0430	-0.0836	2.91E-4	1.12E-29	-2.19E-5
	CC15	0.0076	0.0465	-0.0867	3.08E-4	1.12E-29	-1.12E-5
	CC16	-0.0076	0.0531	-0.1022	3.48E-4	7.32E-3	-9.08E-6
	CC17	-0.0121	0.0566	-0.1052	3.66E-4	7.32E-3	1.60E-6
	CC18	0.0103	-0.0592	-0.0939	-3.89E-4	-7.32E-3	9.02E-7
	CC19	0.0058	-0.0556	-0.0969	-3.72E-4	-7.32E-3	1.16E-5
	CC20	-0.0095	-0.0491	-0.1125	-3.32E-4	-1.12E-29	1.37E-5
	CC21	-0.0140	-0.0455	-0.1155	-3.15E-4	-1.12E-29	2.44E-5
528	CC1	-0.0008	-0.0020	-0.1067	-1.79E-5	0.00E+0	1.67E-6
	CC2	-0.0008	-0.0020	-0.1067	-1.79E-5	0.00E+0	1.67E-6
	CC3	-0.0008	-0.0020	-0.1067	-1.79E-5	0.00E+0	1.67E-6
	CC4	-0.0007	-0.0019	-0.1028	-1.68E-5	0.00E+0	1.59E-6
	CC5	-0.0007	-0.0019	-0.1028	-1.68E-5	0.00E+0	1.59E-6
	CC6	0.0420	-0.0082	-0.0780	-2.85E-5	1.08E-29	-3.29E-5
	CC7	0.0403	-0.0062	-0.0785	-2.07E-5	1.08E-29	-2.84E-5
	CC8	0.0413	-0.0507	-0.0811	-2.39E-4	4.28E-3	-2.99E-5
	CC9	0.0396	-0.0487	-0.0816	-2.32E-4	4.28E-3	-2.54E-5
	CC10	-0.0411	0.0450	-0.1214	1.99E-4	-4.28E-3	2.86E-5
	CC11	-0.0428	0.0470	-0.1219	2.07E-4	-4.28E-3	3.30E-5
	CC12	-0.0417	0.0026	-0.1245	-1.21E-5	-1.08E-29	3.16E-5
	CC13	-0.0434	0.0046	-0.1250	-4.34E-6	-1.08E-29	3.60E-5
	CC14	0.0156	0.0576	-0.0891	2.88E-4	1.32E-29	-2.00E-5
	CC15	0.0099	0.0642	-0.0908	3.14E-4	1.32E-29	-5.32E-6
	CC16	-0.0093	0.0736	-0.1022	3.56E-4	8.62E-3	-1.53E-6
	CC17	-0.0150	0.0802	-0.1038	3.82E-4	8.62E-3	1.31E-5
	CC18	0.0135	-0.0838	-0.0992	-4.15E-4	-8.62E-3	-9.99E-6
	CC19	0.0078	-0.0772	-0.1009	-3.89E-4	-8.62E-3	4.66E-6
	CC20	-0.0114	-0.0679	-0.1122	-3.47E-4	-1.32E-29	8.45E-6
	CC21	-0.0171	-0.0613	-0.1139	-3.21E-4	-1.32E-29	2.31E-5
529	CC1	-0.0003	-0.0001	-0.1009	-3.08E-6	0.00E+0	7.89E-8
	CC2	-0.0003	-0.0001	-0.1009	-3.08E-6	0.00E+0	7.89E-8
	CC3	-0.0003	-0.0001	-0.1009	-3.08E-6	0.00E+0	7.89E-8
	CC4	-0.0003	-0.0001	-0.0973	-2.88E-6	0.00E+0	6.83E-8
	CC5	-0.0003	-0.0001	-0.0973	-2.88E-6	0.00E+0	6.83E-8
	CC6	0.0074	-0.0004	-0.0808	-6.92E-6	1.40E-29	-4.40E-6
	CC7	0.0071	-0.0002	-0.0810	-4.05E-6	1.40E-29	-3.83E-6
	CC8	0.0072	-0.0046	-0.0836	-1.00E-4	5.50E-3	-4.07E-6
	CC9	0.0069	-0.0044	-0.0838	-9.75E-5	5.50E-3	-3.50E-6

	CC10	-0.0075	0.0042	-0.1086	9.19E-5	-5.50E-3	3.63E-6
	CC11	-0.0078	0.0043	-0.1087	9.47E-5	-5.50E-3	4.20E-6
	CC12	-0.0076	0.0000	-0.1114	-1.57E-6	-1.40E-29	3.96E-6
	CC13	-0.0079	0.0001	-0.1115	1.30E-6	-1.40E-29	4.53E-6
	CC14	0.0027	0.0060	-0.0871	1.33E-4	1.71E-29	-2.62E-6
	CC15	0.0017	0.0064	-0.0876	1.43E-4	1.71E-29	-7.41E-7
	CC16	-0.0018	0.0074	-0.0954	1.63E-4	1.12E-29	-2.12E-7
	CC17	-0.0028	0.0078	-0.0960	1.72E-4	1.12E-29	1.67E-6
	CC18	0.0022	-0.0081	-0.0964	-1.78E-4	-1.12E-29	-1.54E-6
	CC19	0.0012	-0.0076	-0.0969	-1.69E-4	-1.12E-29	3.41E-7
	CC20	-0.0023	-0.0067	-0.1047	-1.48E-4	-1.71E-29	8.71E-7
	CC21	-0.0033	-0.0062	-0.1053	-1.39E-4	-1.71E-29	2.75E-6
530	CC1	-0.0006	-0.0006	-0.1027	-7.51E-6	0.00E+0	2.07E-7
	CC2	-0.0006	-0.0006	-0.1027	-7.51E-6	0.00E+0	2.07E-7
	CC3	-0.0006	-0.0006	-0.1027	-7.51E-6	0.00E+0	2.07E-7
	CC4	-0.0006	-0.0005	-0.0991	-7.02E-6	0.00E+0	1.75E-7
	CC5	-0.0006	-0.0005	-0.0991	-7.02E-6	0.00E+0	1.75E-7
	CC6	0.0189	-0.0008	-0.0789	-3.97E-6	2.68E-32	-1.38E-5
	CC7	0.0181	-0.0004	-0.0792	-1.18E-7	2.68E-32	-1.20E-5
	CC8	0.0185	-0.0161	-0.0819	-1.64E-4	1.08E-32	-1.17E-5
	CC9	0.0177	-0.0157	-0.0822	-1.60E-4	1.08E-32	-9.96E-6
	CC10	-0.0189	0.0146	-0.1135	1.46E-4	-1.08E-32	1.03E-5
	CC11	-0.0197	0.0151	-0.1138	1.50E-4	-1.08E-32	1.21E-5
	CC12	-0.0193	-0.0007	-0.1165	-1.36E-5	-2.68E-32	1.24E-5
	CC13	-0.0200	-0.0002	-0.1168	-9.74E-6	-2.68E-32	1.41E-5
	CC14	0.0070	0.0219	-0.0872	2.31E-4	3.23E-32	-9.83E-6
	CC15	0.0044	0.0233	-0.0883	2.44E-4	3.23E-32	-4.00E-6
	CC16	-0.0044	0.0266	-0.0976	2.76E-4	2.10E-32	-2.61E-6
	CC17	-0.0069	0.0280	-0.0987	2.89E-4	2.10E-32	3.23E-6
	CC18	0.0058	-0.0290	-0.0970	-3.02E-4	-2.10E-32	-2.90E-6
	CC19	0.0032	-0.0276	-0.0981	-2.90E-4	-2.10E-32	2.94E-6
	CC20	-0.0056	-0.0244	-0.1074	-2.57E-4	-3.23E-32	4.33E-6
	CC21	-0.0081	-0.0230	-0.1085	-2.44E-4	-3.23E-32	1.02E-5
531	CC1	-0.0008	-0.0015	-0.1044	-1.34E-5	0.00E+0	3.38E-7
	CC2	-0.0008	-0.0015	-0.1044	-1.34E-5	0.00E+0	3.38E-7
	CC3	-0.0008	-0.0015	-0.1044	-1.34E-5	0.00E+0	3.38E-7
	CC4	-0.0007	-0.0014	-0.1007	-1.25E-5	0.00E+0	2.84E-7
	CC5	-0.0007	-0.0014	-0.1007	-1.25E-5	0.00E+0	2.84E-7
	CC6	0.0324	-0.0009	-0.0776	2.48E-6	1.56E-29	-2.49E-5
	CC7	0.0311	-0.0001	-0.0781	6.26E-6	1.56E-29	-2.17E-5
	CC8	0.0319	-0.0320	-0.0807	-2.00E-4	6.13E-3	-2.20E-5
	CC9	0.0305	-0.0312	-0.0811	-1.96E-4	6.13E-3	-1.88E-5
	CC10	-0.0320	0.0285	-0.1177	1.72E-4	-6.13E-3	1.93E-5
	CC11	-0.0333	0.0293	-0.1182	1.76E-4	-6.13E-3	2.26E-5
	CC12	-0.0325	-0.0026	-0.1208	-3.07E-5	-1.56E-29	2.23E-5
	CC13	-0.0339	-0.0018	-0.1213	-2.69E-5	-1.56E-29	2.55E-5
	CC14	0.0120	0.0448	-0.0875	2.94E-4	1.91E-29	-1.66E-5
	CC15	0.0077	0.0473	-0.0890	3.06E-4	1.91E-29	-5.91E-6
	CC16	-0.0073	0.0536	-0.0996	3.45E-4	1.26E-29	-3.30E-6
	CC17	-0.0117	0.0561	-0.1010	3.57E-4	1.26E-29	7.37E-6
	CC18	0.0102	-0.0589	-0.0978	-3.82E-4	-1.26E-29	-6.84E-6
	CC19	0.0058	-0.0563	-0.0993	-3.69E-4	-1.26E-29	3.83E-6
	CC20	-0.0091	-0.0500	-0.1099	-3.31E-4	-1.91E-29	6.44E-6
	CC21	-0.0135	-0.0475	-0.1113	-3.18E-4	-1.91E-29	1.71E-5
532	CC1	-0.0003	-0.0011	-0.1049	-1.20E-5	-1.08E-7	-3.26E-6
	CC2	-0.0003	-0.0011	-0.1049	-1.20E-5	-1.08E-7	-3.26E-6
	CC3	-0.0003	-0.0011	-0.1049	-1.20E-5	-1.08E-7	-3.26E-6
	CC4	-0.0003	-0.0011	-0.1012	-1.11E-5	-1.01E-7	-3.10E-6
	CC5	-0.0003	-0.0011	-0.1012	-1.11E-5	-1.01E-7	-3.10E-6
	CC6	0.0316	0.0220	-0.1096	1.32E-4	4.91E-7	-2.72E-5
	CC7	0.0303	0.0216	-0.1088	1.28E-4	4.60E-7	-2.41E-5
	CC8	0.0311	-0.0098	-0.1125	-7.76E-5	-1.10E-6	-2.45E-5
	CC9	0.0298	-0.0101	-0.1117	-8.09E-5	-1.13E-6	-2.14E-5
	CC10	-0.0303	0.0081	-0.0882	5.93E-5	9.35E-7	1.53E-5
	CC11	-0.0316	0.0077	-0.0874	5.59E-5	9.05E-7	1.84E-5
	CC12	-0.0308	-0.0236	-0.0912	-1.50E-4	-6.56E-7	1.80E-5
	CC13	-0.0321	-0.0240	-0.0903	-1.53E-4	-6.87E-7	2.11E-5
	CC14	0.0120	0.0546	-0.0996	3.54E-4	2.54E-6	-1.90E-5
	CC15	0.0078	0.0533	-0.0969	3.43E-4	2.44E-6	-8.81E-6
	CC16	-0.0066	0.0504	-0.0932	3.33E-4	2.67E-6	-6.25E-6
	CC17	-0.0108	0.0492	-0.0905	3.22E-4	2.57E-6	3.93E-6
	CC18	0.0103	-0.0512	-0.1094	-3.43E-4	-2.77E-6	-1.00E-5

	CC19	0.0061	-0.0525	-0.1067	-3.54E-4	-2.87E-6	1.66E-7
	CC20	-0.0083	-0.0554	-0.1030	-3.65E-4	-2.63E-6	2.72E-6
	CC21	-0.0125	-0.0566	-0.1003	-3.76E-4	-2.73E-6	1.29E-5
533	CC1	-0.0002	-0.0004	-0.1030	-5.60E-6	-3.73E-8	-1.92E-6
	CC2	-0.0002	-0.0004	-0.1030	-5.60E-6	-3.73E-8	-1.92E-6
	CC3	-0.0002	-0.0004	-0.1030	-5.60E-6	-3.73E-8	-1.92E-6
	CC4	-0.0002	-0.0003	-0.0994	-5.17E-6	-3.43E-8	-1.82E-6
	CC5	-0.0002	-0.0003	-0.0994	-5.17E-6	-3.43E-8	-1.82E-6
	CC6	0.0184	0.0113	-0.1051	1.14E-4	8.16E-7	-1.34E-5
	CC7	0.0177	0.0112	-0.1044	1.12E-4	7.89E-7	-1.19E-5
	CC8	0.0181	-0.0042	-0.1079	-5.06E-5	-4.59E-7	-1.22E-5
	CC9	0.0174	-0.0044	-0.1072	-5.26E-5	-4.86E-7	-1.07E-5
	CC10	-0.0177	0.0037	-0.0892	4.25E-5	4.19E-7	7.13E-6
	CC11	-0.0185	0.0035	-0.0885	4.05E-5	3.93E-7	8.61E-6
	CC12	-0.0180	-0.0118	-0.0920	-1.22E-4	-8.56E-7	8.36E-6
	CC13	-0.0188	-0.0120	-0.0913	-1.24E-4	-8.82E-7	9.84E-6
	CC14	0.0070	0.0269	-0.0970	2.83E-4	2.20E-6	-9.35E-6
	CC15	0.0046	0.0264	-0.0947	2.76E-4	2.11E-6	-4.47E-6
	CC16	-0.0038	0.0246	-0.0923	2.61E-4	2.08E-6	-3.19E-6
	CC17	-0.0063	0.0241	-0.0900	2.55E-4	1.99E-6	1.69E-6
	CC18	0.0059	-0.0248	-0.1064	-2.65E-4	-2.06E-6	-5.26E-6
	CC19	0.0035	-0.0253	-0.1041	-2.71E-4	-2.14E-6	-3.79E-7
	CC20	-0.0049	-0.0271	-0.1016	-2.86E-4	-2.17E-6	9.03E-7
	CC21	-0.0074	-0.0276	-0.0993	-2.93E-4	-2.26E-6	5.78E-6
534	CC1	-0.0001	-0.0001	-0.1011	-1.58E-6	-1.22E-8	-5.44E-7
	CC2	-0.0001	-0.0001	-0.1011	-1.58E-6	-1.22E-8	-5.44E-7
	CC3	-0.0001	-0.0001	-0.1011	-1.58E-6	-1.22E-8	-5.44E-7
	CC4	-0.0001	-0.0001	-0.0975	-1.44E-6	-1.11E-8	-5.12E-7
	CC5	-0.0001	-0.0001	-0.0975	-1.44E-6	-1.11E-8	-5.12E-7
	CC6	0.0075	0.0032	-0.1008	7.22E-5	5.87E-7	-2.93E-6
	CC7	0.0072	0.0032	-0.1002	7.15E-5	5.75E-7	-2.64E-6
	CC8	0.0073	-0.0010	-0.1035	-2.36E-5	-2.42E-7	-2.18E-6
	CC9	0.0071	-0.0010	-0.1029	-2.43E-5	-2.54E-7	-1.88E-6
	CC10	-0.0072	0.0009	-0.0897	2.15E-5	2.32E-7	8.77E-7
	CC11	-0.0075	0.0009	-0.0892	2.08E-5	2.21E-7	1.17E-6
	CC12	-0.0074	-0.0033	-0.0924	-7.43E-5	-5.96E-7	1.63E-6
	CC13	-0.0077	-0.0033	-0.0918	-7.50E-5	-6.08E-7	1.93E-6
	CC14	0.0029	0.0073	-0.0945	1.67E-4	1.44E-6	-2.82E-6
	CC15	0.0019	0.0073	-0.0926	1.65E-4	1.40E-6	-1.84E-6
	CC16	-0.0015	0.0067	-0.0911	1.52E-4	1.34E-6	-1.68E-6
	CC17	-0.0025	0.0066	-0.0893	1.49E-4	1.30E-6	-7.00E-7
	CC18	0.0024	-0.0067	-0.1034	-1.52E-4	-1.32E-6	-3.03E-7
	CC19	0.0014	-0.0068	-0.1015	-1.55E-4	-1.36E-6	6.73E-7
	CC20	-0.0021	-0.0074	-0.1001	-1.67E-4	-1.43E-6	8.39E-7
	CC21	-0.0030	-0.0075	-0.0982	-1.70E-4	-1.46E-6	1.82E-6
535	CC1	-0.0002	-0.0001	-0.1011	-2.58E-6	-1.70E-8	-4.28E-7
	CC2	-0.0002	-0.0001	-0.1011	-2.58E-6	-1.70E-8	-4.28E-7
	CC3	-0.0002	-0.0001	-0.1011	-2.58E-6	-1.70E-8	-4.28E-7
	CC4	-0.0002	-0.0001	-0.0975	-2.38E-6	-1.57E-8	-4.02E-7
	CC5	-0.0002	-0.0001	-0.0975	-2.38E-6	-1.57E-8	-4.02E-7
	CC6	0.0079	0.0033	-0.0906	7.44E-5	4.91E-7	-2.78E-6
	CC7	0.0076	0.0033	-0.0902	7.43E-5	4.91E-7	-2.47E-6
	CC8	0.0078	-0.0009	-0.0933	-2.01E-5	-1.32E-7	-2.52E-6
	CC9	0.0075	-0.0009	-0.0930	-2.01E-5	-1.33E-7	-2.21E-6
	CC10	-0.0078	0.0007	-0.0997	1.54E-5	1.02E-7	1.43E-6
	CC11	-0.0081	0.0007	-0.0993	1.54E-5	1.02E-7	1.74E-6
	CC12	-0.0079	-0.0035	-0.1024	-7.90E-5	-5.21E-7	1.69E-6
	CC13	-0.0083	-0.0035	-0.1020	-7.90E-5	-5.21E-7	2.00E-6
	CC14	0.0030	0.0072	-0.0911	1.64E-4	1.08E-6	-1.98E-6
	CC15	0.0020	0.0072	-0.0898	1.64E-4	1.08E-6	-9.44E-7
	CC16	-0.0017	0.0065	-0.0938	1.46E-4	9.65E-7	-7.13E-7
	CC17	-0.0028	0.0064	-0.0925	1.46E-4	9.65E-7	3.19E-7
	CC18	0.0024	-0.0066	-0.1002	-1.51E-4	-9.95E-7	-1.10E-6
	CC19	0.0014	-0.0067	-0.0989	-1.51E-4	-9.96E-7	-7.33E-8
	CC20	-0.0023	-0.0074	-0.1029	-1.68E-4	-1.11E-6	1.58E-7
	CC21	-0.0033	-0.0074	-0.1016	-1.69E-4	-1.11E-6	1.19E-6
536	CC1	-0.0002	-0.0001	-0.1010	-3.06E-6	-7.74E-9	-1.01E-7
	CC2	-0.0002	-0.0001	-0.1010	-3.06E-6	-7.74E-9	-1.01E-7
	CC3	-0.0002	-0.0001	-0.1010	-3.06E-6	-7.74E-9	-1.01E-7
	CC4	-0.0002	-0.0001	-0.0975	-2.84E-6	-7.10E-9	-9.46E-8
	CC5	-0.0002	-0.0001	-0.0975	-2.84E-6	-7.10E-9	-9.46E-8
	CC6	0.0077	0.0034	-0.0900	1.04E-5	2.66E-7	-2.15E-6

	CC7	0.0074	0.0034	-0.0898	1.10E-5	2.64E-7	-1.89E-6
	CC8	0.0076	-0.0007	-0.0928	-8.43E-5	-8.46E-8	-1.91E-6
	CC9	0.0073	-0.0007	-0.0926	-8.37E-5	-8.70E-8	-1.65E-6
	CC10	-0.0076	0.0005	-0.1000	7.82E-5	7.33E-8	1.47E-6
	CC11	-0.0079	0.0005	-0.0998	7.88E-5	7.08E-8	1.73E-6
	CC12	-0.0078	-0.0037	-0.1027	-1.65E-5	-2.77E-7	1.71E-6
	CC13	-0.0081	-0.0036	-0.1025	-1.59E-5	-2.80E-7	1.96E-6
	CC14	0.0029	0.0072	-0.0906	1.44E-4	6.10E-7	-1.46E-6
	CC15	0.0019	0.0073	-0.0898	1.46E-4	6.02E-7	-6.03E-7
	CC16	-0.0017	0.0063	-0.0935	1.64E-4	5.53E-7	-3.73E-7
	CC17	-0.0027	0.0064	-0.0928	1.66E-4	5.44E-7	4.83E-7
	CC18	0.0024	-0.0066	-0.0998	-1.72E-4	-5.58E-7	-6.68E-7
	CC19	0.0013	-0.0066	-0.0990	-1.70E-4	-5.66E-7	1.87E-7
	CC20	-0.0023	-0.0075	-0.1027	-1.52E-4	-6.16E-7	4.18E-7
	CC21	-0.0033	-0.0074	-0.1020	-1.50E-4	-6.24E-7	1.27E-6
537	CC1	-0.0004	-0.0014	-0.1048	-1.26E-5	-1.01E-7	-2.17E-6
	CC2	-0.0004	-0.0014	-0.1048	-1.26E-5	-1.01E-7	-2.17E-6
	CC3	-0.0004	-0.0014	-0.1048	-1.26E-5	-1.01E-7	-2.17E-6
	CC4	-0.0004	-0.0013	-0.1011	-1.17E-5	-9.49E-8	-2.07E-6
	CC5	-0.0004	-0.0013	-0.1011	-1.17E-5	-9.49E-8	-2.07E-6
	CC6	0.0314	0.0233	-0.1040	4.38E-5	-6.63E-8	-2.47E-5
	CC7	0.0301	0.0232	-0.1034	4.24E-5	-3.23E-8	-2.18E-5
	CC8	0.0309	-0.0082	-0.1069	-1.63E-4	-1.40E-6	-2.27E-5
	CC9	0.0296	-0.0083	-0.1064	-1.65E-4	-1.36E-6	-1.97E-5
	CC10	-0.0304	0.0058	-0.0932	1.42E-4	1.18E-6	1.57E-5
	CC11	-0.0316	0.0057	-0.0927	1.40E-4	1.21E-6	1.86E-5
	CC12	-0.0309	-0.0257	-0.0962	-6.53E-5	-1.53E-7	1.77E-5
	CC13	-0.0322	-0.0258	-0.0957	-6.67E-5	-1.19E-7	2.06E-5
	CC14	0.0118	0.0541	-0.0973	3.21E-4	1.88E-6	-1.63E-5
	CC15	0.0077	0.0538	-0.0956	3.17E-4	1.99E-6	-6.64E-6
	CC16	-0.0067	0.0488	-0.0941	3.51E-4	2.25E-6	-4.22E-6
	CC17	-0.0109	0.0485	-0.0923	3.46E-4	2.37E-6	5.47E-6
	CC18	0.0101	-0.0510	-0.1073	-3.69E-4	-2.55E-6	-9.53E-6
	CC19	0.0059	-0.0514	-0.1055	-3.74E-4	-2.44E-6	1.56E-7
	CC20	-0.0084	-0.0563	-0.1041	-3.40E-4	-2.18E-6	2.57E-6
	CC21	-0.0126	-0.0566	-0.1023	-3.44E-4	-2.07E-6	1.23E-5
538	CC1	-0.0003	-0.0005	-0.1029	-7.15E-6	-4.72E-8	-1.30E-6
	CC2	-0.0003	-0.0005	-0.1029	-7.15E-6	-4.72E-8	-1.30E-6
	CC3	-0.0003	-0.0005	-0.1029	-7.15E-6	-4.72E-8	-1.30E-6
	CC4	-0.0003	-0.0005	-0.0993	-6.64E-6	-4.38E-8	-1.23E-6
	CC5	-0.0003	-0.0005	-0.0993	-6.64E-6	-4.38E-8	-1.23E-6
	CC6	0.0186	0.0119	-0.1018	2.95E-5	1.95E-7	-1.07E-5
	CC7	0.0178	0.0118	-0.1013	2.91E-5	1.92E-7	-9.50E-6
	CC8	0.0182	-0.0036	-0.1047	-1.34E-4	-8.82E-7	-9.73E-6
	CC9	0.0175	-0.0036	-0.1042	-1.34E-4	-8.85E-7	-8.49E-6
	CC10	-0.0180	0.0026	-0.0920	1.21E-4	7.99E-7	6.09E-6
	CC11	-0.0188	0.0026	-0.0915	1.21E-4	7.96E-7	7.33E-6
	CC12	-0.0184	-0.0128	-0.0948	-4.20E-5	-2.77E-7	7.10E-6
	CC13	-0.0191	-0.0128	-0.0944	-4.25E-5	-2.80E-7	8.33E-6
	CC14	0.0070	0.0266	-0.0956	2.52E-4	1.67E-6	-7.45E-6
	CC15	0.0045	0.0266	-0.0940	2.51E-4	1.66E-6	-3.36E-6
	CC16	-0.0040	0.0239	-0.0926	2.80E-4	1.85E-6	-2.40E-6
	CC17	-0.0064	0.0238	-0.0911	2.78E-4	1.84E-6	1.69E-6
	CC18	0.0059	-0.0247	-0.1051	-2.91E-4	-1.92E-6	-4.09E-6
	CC19	0.0034	-0.0248	-0.1036	-2.93E-4	-1.93E-6	-3.64E-9
	CC20	-0.0051	-0.0275	-0.1021	-2.64E-4	-1.74E-6	9.54E-7
	CC21	-0.0076	-0.0276	-0.1006	-2.65E-4	-1.75E-6	5.04E-6
539	CC1	-0.0004	-0.0006	-0.1028	-7.56E-6	-3.32E-8	-1.74E-7
	CC2	-0.0004	-0.0006	-0.1028	-7.56E-6	-3.32E-8	-1.74E-7
	CC3	-0.0004	-0.0006	-0.1028	-7.56E-6	-3.32E-8	-1.74E-7
	CC4	-0.0004	-0.0006	-0.0992	-7.04E-6	-3.07E-8	-1.71E-7
	CC5	-0.0004	-0.0006	-0.0992	-7.04E-6	-3.07E-8	-1.71E-7
	CC6	0.0185	0.0017	-0.0919	1.82E-5	6.25E-7	-1.04E-5
	CC7	0.0177	0.0018	-0.0916	1.92E-5	6.19E-7	-9.01E-6
	CC8	0.0181	-0.0136	-0.0948	-1.45E-4	-2.38E-7	-9.86E-6
	CC9	0.0174	-0.0135	-0.0945	-1.44E-4	-2.44E-7	-8.52E-6
	CC10	-0.0181	0.0125	-0.1014	1.30E-4	1.84E-7	8.18E-6
	CC11	-0.0189	0.0126	-0.1011	1.31E-4	1.78E-7	9.52E-6
	CC12	-0.0185	-0.0029	-0.1043	-3.29E-5	-6.79E-7	8.67E-6
	CC13	-0.0192	-0.0028	-0.1040	-3.20E-5	-6.85E-7	1.00E-5
	CC14	0.0069	0.0233	-0.0921	2.46E-4	1.48E-6	-5.98E-6
	CC15	0.0045	0.0236	-0.0913	2.49E-4	1.46E-6	-1.55E-6

	CC16	-0.0040	0.0265	-0.0949	2.80E-4	1.35E-6	-4.21E-7
	CC17	-0.0065	0.0268	-0.0941	2.83E-4	1.33E-6	4.01E-6
	CC18	0.0058	-0.0279	-0.1018	-2.96E-4	-1.39E-6	-4.35E-6
	CC19	0.0033	-0.0276	-0.1010	-2.93E-4	-1.41E-6	8.09E-8
	CC20	-0.0052	-0.0247	-0.1046	-2.63E-4	-1.52E-6	1.21E-6
	CC21	-0.0077	-0.0244	-0.1038	-2.60E-4	-1.54E-6	5.64E-6
540	CC1	-0.0006	-0.0015	-0.1045	-1.35E-5	-8.26E-8	-3.78E-7
	CC2	-0.0006	-0.0015	-0.1045	-1.35E-5	-8.26E-8	-3.78E-7
	CC3	-0.0006	-0.0015	-0.1045	-1.35E-5	-8.26E-8	-3.78E-7
	CC4	-0.0005	-0.0014	-0.1008	-1.26E-5	-7.73E-8	-3.76E-7
	CC5	-0.0005	-0.0014	-0.1008	-1.26E-5	-7.73E-8	-3.76E-7
	CC6	0.0314	0.0037	-0.0934	2.74E-5	-1.22E-9	-2.25E-5
	CC7	0.0302	0.0039	-0.0932	2.80E-5	2.09E-8	-1.96E-5
	CC8	0.0309	-0.0277	-0.0965	-1.79E-4	-1.17E-6	-2.14E-5
	CC9	0.0296	-0.0275	-0.0962	-1.78E-4	-1.15E-6	-1.84E-5
	CC10	-0.0307	0.0248	-0.1029	1.54E-4	9.95E-7	1.77E-5
	CC11	-0.0319	0.0250	-0.1027	1.54E-4	1.02E-6	2.06E-5
	CC12	-0.0312	-0.0066	-0.1060	-5.26E-5	-1.72E-7	1.88E-5
	CC13	-0.0324	-0.0064	-0.1058	-5.20E-5	-1.50E-7	2.17E-5
	CC14	0.0118	0.0475	-0.0935	3.12E-4	1.68E-6	-1.31E-5
	CC15	0.0076	0.0481	-0.0927	3.14E-4	1.76E-6	-3.48E-6
	CC16	-0.0068	0.0539	-0.0963	3.50E-4	1.98E-6	-1.04E-6
	CC17	-0.0111	0.0544	-0.0955	3.51E-4	2.05E-6	8.58E-6
	CC18	0.0100	-0.0571	-0.1037	-3.76E-4	-2.21E-6	-9.33E-6
	CC19	0.0058	-0.0566	-0.1028	-3.74E-4	-2.13E-6	2.90E-7
	CC20	-0.0086	-0.0508	-0.1065	-3.38E-4	-1.91E-6	2.73E-6
	CC21	-0.0128	-0.0503	-0.1057	-3.36E-4	-1.83E-6	1.23E-5
541	CC1	-0.0005	-0.0013	-0.0920	-1.89E-6	4.36E-6	-2.55E-6
	CC2	-0.0005	-0.0013	-0.0920	-1.89E-6	4.36E-6	-2.55E-6
	CC3	-0.0005	-0.0013	-0.0920	-1.89E-6	4.36E-6	-2.55E-6
	CC4	-0.0005	-0.0012	-0.0893	-1.80E-6	3.99E-6	-2.44E-6
	CC5	-0.0005	-0.0012	-0.0893	-1.80E-6	3.99E-6	-2.44E-6
	CC6	0.0262	0.0012	-0.0720	2.48E-5	-1.28E-4	2.42E-5
	CC7	0.0267	0.0018	-0.0712	2.50E-5	-1.30E-4	2.80E-5
	CC8	0.0272	-0.0316	-0.0592	2.07E-5	-1.14E-4	3.03E-5
	CC9	0.0277	-0.0311	-0.0583	2.09E-5	-1.16E-4	3.41E-5
	CC10	-0.0286	0.0287	-0.1185	-2.44E-5	1.24E-4	-3.89E-5
	CC11	-0.0281	0.0292	-0.1177	-2.42E-5	1.22E-4	-3.51E-5
	CC12	-0.0276	-0.0042	-0.1057	-2.85E-5	1.38E-4	-3.29E-5
	CC13	-0.0271	-0.0036	-0.1048	-2.83E-5	1.36E-4	-2.90E-5
	CC14	0.0053	0.0486	-0.1043	1.21E-5	-5.32E-5	-9.35E-6
	CC15	0.0070	0.0503	-0.1014	1.29E-5	-6.00E-5	3.25E-6
	CC16	-0.0111	0.0568	-0.1182	-2.64E-6	2.24E-5	-2.83E-5
	CC17	-0.0094	0.0586	-0.1154	-1.90E-6	1.56E-5	-1.57E-5
	CC18	0.0085	-0.0609	-0.0615	-1.62E-6	-7.88E-6	1.09E-5
	CC19	0.0102	-0.0592	-0.0586	-8.93E-7	-1.47E-5	2.35E-5
	CC20	-0.0079	-0.0527	-0.0755	-1.64E-5	6.78E-5	-8.06E-6
	CC21	-0.0062	-0.0509	-0.0726	-1.57E-5	6.10E-5	4.54E-6
542	CC1	-0.0004	-0.0005	-0.0910	-1.65E-7	1.52E-6	-6.24E-6
	CC2	-0.0004	-0.0005	-0.0910	-1.65E-7	1.52E-6	-6.24E-6
	CC3	-0.0004	-0.0005	-0.0910	-1.65E-7	1.52E-6	-6.24E-6
	CC4	-0.0003	-0.0004	-0.0883	-1.37E-7	1.26E-6	-5.98E-6
	CC5	-0.0003	-0.0004	-0.0883	-1.37E-7	1.26E-6	-5.98E-6
	CC6	0.0155	0.0171	-0.0735	1.43E-5	-1.31E-4	2.74E-5
	CC7	0.0159	0.0175	-0.0727	1.45E-5	-1.34E-4	3.01E-5
	CC8	0.0164	-0.0014	-0.0636	1.21E-5	-1.11E-4	2.84E-5
	CC9	0.0167	-0.0011	-0.0628	1.24E-5	-1.14E-4	3.10E-5
	CC10	-0.0173	0.0003	-0.1120	-1.26E-5	1.16E-4	-4.28E-5
	CC11	-0.0170	0.0006	-0.1113	-1.23E-5	1.14E-4	-4.01E-5
	CC12	-0.0165	-0.0183	-0.1021	-1.48E-5	1.36E-4	-4.19E-5
	CC13	-0.0162	-0.0179	-0.1014	-1.45E-5	1.34E-4	-3.92E-5
	CC14	0.0027	0.0324	-0.0994	7.11E-6	-6.55E-5	-1.18E-6
	CC15	0.0038	0.0336	-0.0969	8.03E-6	-7.39E-5	7.45E-6
	CC16	-0.0072	0.0274	-0.1109	-9.55E-7	8.79E-6	-2.22E-5
	CC17	-0.0061	0.0285	-0.1084	-3.75E-8	3.46E-7	-1.36E-5
	CC18	0.0054	-0.0294	-0.0664	-2.17E-7	2.00E-6	1.82E-6
	CC19	0.0065	-0.0282	-0.0639	7.00E-7	-6.45E-6	1.04E-5
	CC20	-0.0044	-0.0344	-0.0780	-8.28E-6	7.63E-5	-1.92E-5
	CC21	-0.0033	-0.0333	-0.0754	-7.36E-6	6.78E-5	-1.06E-5
543	CC1	-0.0002	0.0000	-0.0898	-4.12E-7	3.79E-6	-5.26E-6
	CC2	-0.0002	0.0000	-0.0898	-4.12E-7	3.79E-6	-5.26E-6
	CC3	-0.0002	0.0000	-0.0898	-4.12E-7	3.79E-6	-5.26E-6

	CC4	-0.0002	0.0000	-0.0872	-3.81E-7	3.50E-6	-5.05E-6
	CC5	-0.0002	0.0000	-0.0872	-3.81E-7	3.50E-6	-5.05E-6
	CC6	0.0049	0.0073	-0.0753	1.32E-5	-1.22E-4	3.20E-5
	CC7	0.0050	0.0074	-0.0747	1.36E-5	-1.25E-4	3.35E-5
	CC8	0.0055	0.0000	-0.0685	1.26E-5	-1.16E-4	3.65E-5
	CC9	0.0056	0.0002	-0.0679	1.29E-5	-1.19E-4	3.80E-5
	CC10	-0.0060	-0.0002	-0.1047	-1.37E-5	1.26E-4	-4.80E-5
	CC11	-0.0058	-0.0001	-0.1041	-1.33E-5	1.23E-4	-4.64E-5
	CC12	-0.0053	-0.0075	-0.0980	-1.43E-5	1.32E-4	-4.34E-5
	CC13	-0.0052	-0.0073	-0.0973	-1.40E-5	1.29E-4	-4.19E-5
	CC14	0.0002	0.0129	-0.0942	4.22E-6	-3.88E-5	-3.09E-6
	CC15	0.0006	0.0134	-0.0921	5.25E-6	-4.83E-5	2.00E-6
	CC16	-0.0031	0.0106	-0.1031	-3.85E-6	3.55E-5	-2.71E-5
	CC17	-0.0027	0.0112	-0.1009	-2.82E-6	2.60E-5	-2.20E-5
	CC18	0.0024	-0.0112	-0.0717	2.08E-6	-1.92E-5	1.20E-5
	CC19	0.0027	-0.0107	-0.0696	3.11E-6	-2.87E-5	1.71E-5
	CC20	-0.0009	-0.0135	-0.0805	-5.99E-6	5.52E-5	-1.19E-5
	CC21	-0.0005	-0.0129	-0.0784	-4.96E-6	4.57E-5	-6.86E-6
544	CC1	0.0000	-0.0001	-0.0902	-8.83E-9	8.03E-8	5.30E-7
	CC2	0.0000	-0.0001	-0.0902	-8.83E-9	8.03E-8	5.30E-7
	CC3	0.0000	-0.0001	-0.0902	-8.83E-9	8.03E-8	5.30E-7
	CC4	0.0000	-0.0001	-0.0876	6.52E-9	-6.10E-8	4.92E-7
	CC5	0.0000	-0.0001	-0.0876	6.52E-9	-6.10E-8	4.92E-7
	CC6	0.0038	0.0070	-0.0750	1.07E-5	-9.86E-5	-3.09E-6
	CC7	0.0039	0.0072	-0.0744	1.09E-5	-9.99E-5	-2.72E-6
	CC8	0.0042	0.0000	-0.0720	9.67E-6	-8.91E-5	3.37E-7
	CC9	0.0042	0.0001	-0.0713	9.81E-6	-9.03E-5	7.00E-7
	CC10	-0.0042	-0.0003	-0.1020	-9.79E-6	9.01E-5	2.58E-7
	CC11	-0.0041	-0.0002	-0.1014	-9.65E-6	8.88E-5	6.22E-7
	CC12	-0.0038	-0.0074	-0.0990	-1.08E-5	9.97E-5	3.68E-6
	CC13	-0.0038	-0.0072	-0.0983	-1.07E-5	9.84E-5	4.05E-6
	CC14	0.0006	0.0124	-0.0887	4.58E-6	-4.22E-5	-6.33E-6
	CC15	0.0007	0.0130	-0.0866	5.05E-6	-4.65E-5	-5.13E-6
	CC16	-0.0018	0.0103	-0.0968	-1.57E-6	1.44E-5	-5.33E-6
	CC17	-0.0017	0.0108	-0.0947	-1.10E-6	1.02E-5	-4.12E-6
	CC18	0.0017	-0.0110	-0.0786	1.13E-6	-1.04E-5	5.08E-6
	CC19	0.0019	-0.0104	-0.0765	1.59E-6	-1.46E-5	6.29E-6
	CC20	-0.0006	-0.0132	-0.0867	-5.02E-6	4.62E-5	6.09E-6
	CC21	-0.0005	-0.0126	-0.0846	-4.56E-6	4.20E-5	7.29E-6
545	CC1	0.0000	-0.0002	-0.0906	3.78E-7	1.63E-6	1.22E-6
	CC2	0.0000	-0.0002	-0.0906	3.78E-7	1.63E-6	1.22E-6
	CC3	0.0000	-0.0002	-0.0906	3.78E-7	1.63E-6	1.22E-6
	CC4	0.0000	-0.0002	-0.0879	3.51E-7	1.39E-6	1.16E-6
	CC5	0.0000	-0.0002	-0.0879	3.51E-7	1.39E-6	1.16E-6
	CC6	0.0039	0.0065	-0.0741	-7.22E-6	-1.01E-4	-2.27E-6
	CC7	0.0040	0.0066	-0.0735	-6.43E-6	-1.01E-4	-1.94E-6
	CC8	0.0041	-0.0002	-0.0753	-1.22E-5	-8.73E-5	-1.62E-6
	CC9	0.0041	0.0000	-0.0746	-1.14E-5	-8.77E-5	-1.30E-6
	CC10	-0.0042	-0.0004	-0.0995	1.21E-5	9.03E-5	3.56E-6
	CC11	-0.0042	-0.0002	-0.0988	1.29E-5	8.99E-5	3.89E-6
	CC12	-0.0040	-0.0070	-0.1006	7.11E-6	1.04E-4	4.21E-6
	CC13	-0.0040	-0.0069	-0.1000	7.90E-6	1.03E-4	4.53E-6
	CC14	0.0009	0.0117	-0.0824	4.47E-6	-4.91E-5	-1.36E-6
	CC15	0.0009	0.0122	-0.0803	7.09E-6	-5.04E-5	-2.76E-7
	CC16	-0.0015	0.0097	-0.0900	1.03E-5	8.20E-6	3.94E-7
	CC17	-0.0015	0.0102	-0.0879	1.29E-5	6.88E-6	1.47E-6
	CC18	0.0014	-0.0106	-0.0862	-1.22E-5	-4.25E-6	7.95E-7
	CC19	0.0015	-0.0101	-0.0841	-9.58E-6	-5.57E-6	1.87E-6
	CC20	-0.0010	-0.0126	-0.0938	-6.41E-6	5.31E-5	2.54E-6
	CC21	-0.0010	-0.0121	-0.0917	-3.78E-6	5.18E-5	3.62E-6
546	CC1	-0.0003	-0.0015	-0.0930	-4.95E-6	1.07E-5	-1.87E-6
	CC2	-0.0003	-0.0015	-0.0930	-4.95E-6	1.07E-5	-1.87E-6
	CC3	-0.0003	-0.0015	-0.0930	-4.95E-6	1.07E-5	-1.87E-6
	CC4	-0.0003	-0.0014	-0.0903	-4.74E-6	1.01E-5	-1.79E-6
	CC5	-0.0003	-0.0014	-0.0903	-4.74E-6	1.01E-5	-1.79E-6
	CC6	0.0258	0.0012	-0.0720	1.99E-5	-1.47E-4	2.25E-5
	CC7	0.0260	0.0017	-0.0712	1.90E-5	-1.48E-4	2.59E-5
	CC8	0.0267	-0.0314	-0.0683	1.65E-6	-1.33E-4	2.09E-5
	CC9	0.0269	-0.0309	-0.0675	7.65E-7	-1.34E-4	2.42E-5
	CC10	-0.0275	0.0282	-0.1112	-1.01E-5	1.54E-4	-2.77E-5
	CC11	-0.0272	0.0287	-0.1104	-1.10E-5	1.52E-4	-2.44E-5
	CC12	-0.0266	-0.0044	-0.1075	-2.84E-5	1.68E-4	-2.94E-5

	CC13	-0.0264	-0.0039	-0.1067	-2.92E-5	1.67E-4	-2.60E-5
	CC14	0.0059	0.0481	-0.0910	3.17E-5	-5.75E-5	2.94E-6
	CC15	0.0066	0.0498	-0.0883	2.88E-5	-6.16E-5	1.41E-5
	CC16	-0.0101	0.0562	-0.1028	2.27E-5	3.27E-5	-1.21E-5
	CC17	-0.0094	0.0579	-0.1001	1.98E-5	2.86E-5	-1.00E-6
	CC18	0.0088	-0.0605	-0.0786	-2.91E-5	-8.82E-6	-2.51E-6
	CC19	0.0096	-0.0588	-0.0759	-3.21E-5	-1.29E-5	8.62E-6
	CC20	-0.0072	-0.0524	-0.0904	-3.81E-5	8.14E-5	-1.76E-5
	CC21	-0.0064	-0.0507	-0.0877	-4.11E-5	7.73E-5	-6.45E-6
547	CC1	0.0001	-0.0006	-0.0916	-3.62E-8	3.32E-7	-3.20E-6
	CC2	0.0001	-0.0006	-0.0916	-3.62E-8	3.32E-7	-3.20E-6
	CC3	0.0001	-0.0006	-0.0916	-3.62E-8	3.32E-7	-3.20E-6
	CC4	0.0001	-0.0005	-0.0889	-1.28E-8	1.17E-7	-3.10E-6
	CC5	0.0001	-0.0005	-0.0889	-1.28E-8	1.17E-7	-3.10E-6
	CC6	0.0138	0.0166	-0.0735	1.54E-5	-1.42E-4	1.36E-5
	CC7	0.0140	0.0170	-0.0727	1.55E-5	-1.43E-4	1.57E-5
	CC8	0.0145	-0.0015	-0.0701	1.36E-5	-1.25E-4	1.74E-5
	CC9	0.0146	-0.0011	-0.0693	1.37E-5	-1.26E-4	1.95E-5
	CC10	-0.0145	0.0001	-0.1067	-1.37E-5	1.26E-4	-2.57E-5
	CC11	-0.0143	0.0005	-0.1060	-1.36E-5	1.25E-4	-2.36E-5
	CC12	-0.0138	-0.0180	-0.1033	-1.56E-5	1.43E-4	-2.18E-5
	CC13	-0.0137	-0.0177	-0.1026	-1.54E-5	1.42E-4	-1.97E-5
	CC14	0.0030	0.0316	-0.0899	7.20E-6	-6.63E-5	-7.06E-6
	CC15	0.0035	0.0327	-0.0875	7.67E-6	-7.07E-5	-1.68E-7
	CC16	-0.0055	0.0267	-0.0999	-1.54E-6	1.42E-5	-1.88E-5
	CC17	-0.0050	0.0278	-0.0975	-1.06E-6	9.77E-6	-1.19E-5
	CC18	0.0052	-0.0288	-0.0786	1.05E-6	-9.68E-6	5.79E-6
	CC19	0.0056	-0.0277	-0.0761	1.53E-6	-1.41E-5	1.27E-5
	CC20	-0.0033	-0.0338	-0.0885	-7.68E-6	7.08E-5	-5.97E-6
	CC21	-0.0029	-0.0326	-0.0861	-7.21E-6	6.64E-5	9.23E-7
548	CC1	-0.0001	-0.0008	-0.0923	-3.69E-6	-6.64E-7	6.47E-6
	CC2	-0.0001	-0.0008	-0.0923	-3.69E-6	-6.64E-7	6.47E-6
	CC3	-0.0001	-0.0008	-0.0923	-3.69E-6	-6.64E-7	6.47E-6
	CC4	0.0000	-0.0007	-0.0896	-3.52E-6	-8.54E-7	6.18E-6
	CC5	0.0000	-0.0007	-0.0896	-3.52E-6	-8.54E-7	6.18E-6
	CC6	0.0139	0.0163	-0.0726	-6.43E-6	-1.46E-4	-1.48E-5
	CC7	0.0139	0.0166	-0.0718	-4.99E-6	-1.46E-4	-1.34E-5
	CC8	0.0143	-0.0017	-0.0760	-4.28E-5	-1.39E-4	-1.16E-5
	CC9	0.0143	-0.0014	-0.0753	-4.14E-5	-1.38E-4	-1.03E-5
	CC10	-0.0144	0.0000	-0.1020	3.45E-5	1.37E-4	2.24E-5
	CC11	-0.0144	0.0003	-0.1013	3.59E-5	1.37E-4	2.38E-5
	CC12	-0.0140	-0.0180	-0.1055	-1.93E-6	1.44E-4	2.56E-5
	CC13	-0.0140	-0.0177	-0.1048	-4.89E-7	1.44E-4	2.69E-5
	CC14	0.0036	0.0312	-0.0797	4.87E-5	-5.59E-5	-7.02E-6
	CC15	0.0036	0.0323	-0.0773	5.35E-5	-5.45E-5	-2.48E-6
	CC16	-0.0049	0.0263	-0.0885	6.10E-5	2.89E-5	4.14E-6
	CC17	-0.0049	0.0274	-0.0861	6.57E-5	3.03E-5	8.68E-6
	CC18	0.0049	-0.0288	-0.0912	-7.27E-5	-3.21E-5	3.48E-6
	CC19	0.0049	-0.0277	-0.0888	-6.79E-5	-3.07E-5	8.01E-6
	CC20	-0.0036	-0.0337	-0.1000	-6.04E-5	5.27E-5	1.46E-5
	CC21	-0.0036	-0.0326	-0.0977	-5.56E-5	5.41E-5	1.92E-5
549	CC1	-0.0004	-0.0017	-0.0940	-4.63E-7	1.19E-5	6.16E-6
	CC2	-0.0004	-0.0017	-0.0940	-4.63E-7	1.19E-5	6.16E-6
	CC3	-0.0004	-0.0017	-0.0940	-4.63E-7	1.19E-5	6.16E-6
	CC4	-0.0004	-0.0016	-0.0912	-2.75E-7	1.13E-5	5.84E-6
	CC5	-0.0004	-0.0016	-0.0912	-2.75E-7	1.13E-5	5.84E-6
	CC6	0.0266	0.0012	-0.0710	1.12E-5	-1.56E-4	-2.40E-5
	CC7	0.0265	0.0016	-0.0702	1.17E-5	-1.55E-4	-2.09E-5
	CC8	0.0274	-0.0315	-0.0769	-5.65E-5	-1.48E-4	-1.77E-5
	CC9	0.0273	-0.0310	-0.0761	-5.59E-5	-1.48E-4	-1.47E-5
	CC10	-0.0281	0.0280	-0.1044	5.55E-5	1.70E-4	2.62E-5
	CC11	-0.0281	0.0285	-0.1036	5.60E-5	1.70E-4	2.92E-5
	CC12	-0.0273	-0.0047	-0.1103	-1.22E-5	1.78E-4	3.24E-5
	CC13	-0.0273	-0.0042	-0.1095	-1.16E-5	1.78E-4	3.54E-5
	CC14	0.0065	0.0481	-0.0768	1.05E-4	-5.11E-5	-1.72E-5
	CC15	0.0064	0.0497	-0.0742	1.07E-4	-5.01E-5	-7.13E-6
	CC16	-0.0099	0.0561	-0.0868	1.18E-4	4.67E-5	-2.19E-6
	CC17	-0.0100	0.0577	-0.0842	1.20E-4	4.76E-5	7.91E-6
	CC18	0.0093	-0.0608	-0.0963	-1.21E-4	-2.53E-5	3.57E-6
	CC19	0.0091	-0.0592	-0.0936	-1.19E-4	-2.44E-5	1.37E-5
	CC20	-0.0071	-0.0527	-0.1063	-1.07E-4	7.24E-5	1.86E-5
	CC21	-0.0072	-0.0511	-0.1037	-1.05E-4	7.34E-5	2.87E-5

550	CC1	-0.0001	-0.0009	-0.0934	-4.72E-6	4.38E-6	4.47E-6
	CC2	-0.0001	-0.0009	-0.0934	-4.72E-6	4.38E-6	4.47E-6
	CC3	-0.0001	-0.0009	-0.0934	-4.72E-6	4.38E-6	4.47E-6
	CC4	-0.0001	-0.0008	-0.0907	-4.32E-6	4.04E-6	4.27E-6
	CC5	-0.0001	-0.0008	-0.0907	-4.32E-6	4.04E-6	4.27E-6
	CC6	0.0274	0.0243	-0.0932	4.82E-5	-1.58E-4	-1.79E-5
	CC7	0.0273	0.0222	-0.0934	4.63E-5	-1.57E-4	-1.49E-5
	CC8	0.0279	-0.0138	-0.0942	-8.22E-6	-1.53E-4	-2.23E-5
	CC9	0.0279	-0.0160	-0.0944	-1.01E-5	-1.52E-4	-1.93E-5
	CC10	-0.0280	0.0145	-0.0851	1.75E-6	1.60E-4	2.77E-5
	CC11	-0.0281	0.0124	-0.0853	-1.51E-7	1.61E-4	3.07E-5
	CC12	-0.0275	-0.0236	-0.0861	-5.47E-5	1.65E-4	2.32E-5
	CC13	-0.0276	-0.0257	-0.0863	-5.66E-5	1.66E-4	2.63E-5
	CC14	0.0074	0.0677	-0.0890	1.00E-4	-5.43E-5	-2.40E-7
	CC15	0.0072	0.0607	-0.0897	9.37E-5	-5.11E-5	9.74E-6
	CC16	-0.0092	0.0648	-0.0865	8.61E-5	4.11E-5	1.34E-5
	CC17	-0.0094	0.0578	-0.0872	7.98E-5	4.43E-5	2.34E-5
	CC18	0.0092	-0.0593	-0.0922	-8.81E-5	-3.64E-5	-1.50E-5
	CC19	0.0090	-0.0663	-0.0929	-9.44E-5	-3.32E-5	-5.03E-6
	CC20	-0.0074	-0.0622	-0.0898	-1.02E-4	5.89E-5	-1.35E-6
	CC21	-0.0076	-0.0692	-0.0905	-1.08E-4	6.22E-5	8.64E-6
551	CC1	0.0000	-0.0003	-0.0921	-1.45E-6	7.28E-7	3.62E-6
	CC2	0.0000	-0.0003	-0.0921	-1.45E-6	7.28E-7	3.62E-6
	CC3	0.0000	-0.0003	-0.0921	-1.45E-6	7.28E-7	3.62E-6
	CC4	0.0000	-0.0003	-0.0894	-1.30E-6	5.40E-7	3.46E-6
	CC5	0.0000	-0.0003	-0.0894	-1.30E-6	5.40E-7	3.46E-6
	CC6	0.0147	0.0151	-0.0926	-3.54E-6	-1.56E-4	-4.67E-6
	CC7	0.0146	0.0138	-0.0927	-2.81E-6	-1.55E-4	-3.41E-6
	CC8	0.0144	-0.0081	-0.0916	-1.82E-5	-1.38E-4	-1.28E-5
	CC9	0.0144	-0.0094	-0.0918	-1.75E-5	-1.37E-4	-1.16E-5
	CC10	-0.0143	0.0088	-0.0852	1.50E-5	1.37E-4	1.84E-5
	CC11	-0.0143	0.0075	-0.0853	1.57E-5	1.39E-4	1.97E-5
	CC12	-0.0145	-0.0143	-0.0843	3.06E-7	1.56E-4	1.02E-5
	CC13	-0.0146	-0.0156	-0.0844	1.04E-6	1.57E-4	1.15E-5
	CC14	0.0049	0.0415	-0.0909	1.92E-5	-7.64E-5	1.15E-5
	CC15	0.0048	0.0372	-0.0914	2.17E-5	-7.10E-5	1.56E-5
	CC16	-0.0038	0.0396	-0.0887	2.48E-5	1.17E-5	1.84E-5
	CC17	-0.0039	0.0353	-0.0892	2.72E-5	1.71E-5	2.26E-5
	CC18	0.0040	-0.0358	-0.0878	-2.97E-5	-1.61E-5	-1.58E-5
	CC19	0.0039	-0.0401	-0.0883	-2.73E-5	-1.07E-5	-1.16E-5
	CC20	-0.0047	-0.0377	-0.0856	-2.42E-5	7.20E-5	-8.83E-6
	CC21	-0.0048	-0.0420	-0.0861	-2.17E-5	7.74E-5	-4.68E-6
552	CC1	0.0000	-0.0001	-0.0905	1.29E-7	2.91E-8	1.18E-6
	CC2	0.0000	-0.0001	-0.0905	1.29E-7	2.91E-8	1.18E-6
	CC3	0.0000	-0.0001	-0.0905	1.29E-7	2.91E-8	1.18E-6
	CC4	0.0000	0.0000	-0.0879	1.24E-7	-8.25E-8	1.12E-6
	CC5	0.0000	0.0000	-0.0879	1.24E-7	-8.25E-8	1.12E-6
	CC6	0.0041	0.0036	-0.0911	-1.62E-5	-1.09E-4	3.85E-7
	CC7	0.0041	0.0030	-0.0912	-1.52E-5	-1.07E-4	5.75E-7
	CC8	0.0042	-0.0061	-0.0891	-1.31E-5	-8.14E-5	-3.44E-6
	CC9	0.0042	-0.0067	-0.0891	-1.20E-5	-7.97E-5	-3.25E-6
	CC10	-0.0042	0.0066	-0.0849	1.23E-5	7.94E-5	5.47E-6
	CC11	-0.0042	0.0060	-0.0850	1.33E-5	8.12E-5	5.66E-6
	CC12	-0.0041	-0.0031	-0.0829	1.54E-5	1.07E-4	1.64E-6
	CC13	-0.0041	-0.0037	-0.0829	1.65E-5	1.09E-4	1.83E-6
	CC14	0.0011	0.0167	-0.0913	-1.11E-5	-7.71E-5	6.41E-6
	CC15	0.0011	0.0148	-0.0915	-7.63E-6	-7.13E-5	7.04E-6
	CC16	-0.0014	0.0176	-0.0894	-2.56E-6	-2.06E-5	7.94E-6
	CC17	-0.0014	0.0157	-0.0896	9.14E-7	-1.48E-5	8.56E-6
	CC18	0.0014	-0.0158	-0.0844	-6.70E-7	1.45E-5	-6.35E-6
	CC19	0.0014	-0.0177	-0.0846	2.80E-6	2.03E-5	-5.72E-6
	CC20	-0.0011	-0.0149	-0.0826	7.88E-6	7.10E-5	-4.83E-6
	CC21	-0.0010	-0.0168	-0.0828	1.13E-5	7.68E-5	-4.20E-6
553	CC1	0.0001	-0.0001	-0.0902	1.75E-7	-1.27E-6	-9.87E-8
	CC2	0.0001	-0.0001	-0.0902	1.75E-7	-1.27E-6	-9.87E-8
	CC3	0.0001	-0.0001	-0.0902	1.75E-7	-1.27E-6	-9.87E-8
	CC4	0.0001	-0.0001	-0.0876	1.82E-7	-1.32E-6	-9.63E-8
	CC5	0.0001	-0.0001	-0.0876	1.82E-7	-1.32E-6	-9.63E-8
	CC6	0.0041	0.0038	-0.0924	1.44E-5	-1.04E-4	-5.43E-6
	CC7	0.0042	0.0032	-0.0923	1.43E-5	-1.04E-4	-4.82E-6
	CC8	0.0043	-0.0065	-0.0882	1.06E-5	-7.73E-5	-2.55E-6
	CC9	0.0043	-0.0071	-0.0881	1.05E-5	-7.65E-5	-1.94E-6

	CC10	-0.0042	0.0070	-0.0853	-1.02E-5	7.38E-5	1.75E-6
	CC11	-0.0041	0.0064	-0.0852	-1.03E-5	7.46E-5	2.36E-6
	CC12	-0.0040	-0.0033	-0.0811	-1.39E-5	1.01E-4	4.63E-6
	CC13	-0.0040	-0.0039	-0.0811	-1.40E-5	1.02E-4	5.24E-6
	CC14	0.0010	0.0176	-0.0948	1.02E-5	-7.43E-5	-6.99E-6
	CC15	0.0011	0.0157	-0.0946	9.89E-6	-7.18E-5	-4.97E-6
	CC16	-0.0015	0.0186	-0.0927	2.88E-6	-2.09E-5	-4.83E-6
	CC17	-0.0014	0.0166	-0.0925	2.53E-6	-1.84E-5	-2.82E-6
	CC18	0.0015	-0.0167	-0.0809	-2.16E-6	1.57E-5	2.63E-6
	CC19	0.0017	-0.0187	-0.0807	-2.51E-6	1.82E-5	4.64E-6
	CC20	-0.0010	-0.0158	-0.0788	-9.52E-6	6.91E-5	4.78E-6
	CC21	-0.0008	-0.0177	-0.0786	-9.86E-6	7.16E-5	6.79E-6
554	CC1	0.0001	-0.0001	-0.0900	1.10E-7	-8.00E-7	-3.60E-7
	CC2	0.0001	-0.0001	-0.0900	1.10E-7	-8.00E-7	-3.60E-7
	CC3	0.0001	-0.0001	-0.0900	1.10E-7	-8.00E-7	-3.60E-7
	CC4	0.0001	-0.0001	-0.0874	1.20E-7	-8.72E-7	-3.38E-7
	CC5	0.0001	-0.0001	-0.0874	1.20E-7	-8.72E-7	-3.38E-7
	CC6	0.0042	0.0037	-0.0940	1.45E-5	-1.05E-4	4.37E-6
	CC7	0.0043	0.0031	-0.0938	1.45E-5	-1.05E-4	4.72E-6
	CC8	0.0043	-0.0064	-0.0877	1.09E-5	-7.90E-5	1.89E-6
	CC9	0.0044	-0.0070	-0.0875	1.09E-5	-7.92E-5	2.25E-6
	CC10	-0.0043	0.0068	-0.0856	-1.07E-5	7.74E-5	-2.91E-6
	CC11	-0.0042	0.0062	-0.0855	-1.06E-5	7.72E-5	-2.55E-6
	CC12	-0.0042	-0.0033	-0.0793	-1.43E-5	1.04E-4	-5.38E-6
	CC13	-0.0041	-0.0039	-0.0792	-1.42E-5	1.03E-4	-5.03E-6
	CC14	0.0009	0.0173	-0.0985	9.83E-6	-7.14E-5	4.30E-6
	CC15	0.0012	0.0154	-0.0981	9.93E-6	-7.21E-5	5.47E-6
	CC16	-0.0016	0.0182	-0.0960	2.29E-6	-1.66E-5	2.11E-6
	CC17	-0.0013	0.0163	-0.0955	2.39E-6	-1.73E-5	3.29E-6
	CC18	0.0014	-0.0165	-0.0776	-2.14E-6	1.55E-5	-3.95E-6
	CC19	0.0017	-0.0184	-0.0771	-2.04E-6	1.48E-5	-2.77E-6
	CC20	-0.0011	-0.0155	-0.0751	-9.69E-6	7.03E-5	-6.13E-6
	CC21	-0.0008	-0.0174	-0.0746	-9.59E-6	6.96E-5	-4.96E-6
555	CC1	0.0001	-0.0010	-0.0923	-7.95E-6	3.37E-6	1.33E-6
	CC2	0.0001	-0.0010	-0.0923	-7.95E-6	3.37E-6	1.33E-6
	CC3	0.0001	-0.0010	-0.0923	-7.95E-6	3.37E-6	1.33E-6
	CC4	0.0001	-0.0009	-0.0896	-7.44E-6	3.07E-6	1.28E-6
	CC5	0.0001	-0.0009	-0.0896	-7.44E-6	3.07E-6	1.28E-6
	CC6	0.0275	0.0239	-0.0962	5.12E-5	-1.50E-4	-2.21E-5
	CC7	0.0277	0.0218	-0.0962	4.83E-5	-1.51E-4	-1.90E-5
	CC8	0.0272	-0.0141	-0.0924	3.62E-5	-1.41E-4	-2.18E-5
	CC9	0.0274	-0.0162	-0.0925	3.33E-5	-1.42E-4	-1.88E-5
	CC10	-0.0271	0.0146	-0.0850	-4.79E-5	1.48E-4	2.13E-5
	CC11	-0.0269	0.0125	-0.0851	-5.07E-5	1.47E-4	2.44E-5
	CC12	-0.0274	-0.0235	-0.0813	-6.28E-5	1.57E-4	2.15E-5
	CC13	-0.0272	-0.0256	-0.0813	-6.57E-5	1.56E-4	2.46E-5
	CC14	0.0085	0.0674	-0.0966	3.73E-5	-5.57E-5	-1.07E-5
	CC15	0.0092	0.0605	-0.0967	2.78E-5	-5.84E-5	-5.21E-7
	CC16	-0.0079	0.0646	-0.0933	7.57E-6	3.36E-5	2.33E-6
	CC17	-0.0072	0.0577	-0.0934	-1.90E-6	3.09E-5	1.25E-5
	CC18	0.0075	-0.0594	-0.0841	-1.26E-5	-2.50E-5	-9.96E-6
	CC19	0.0082	-0.0663	-0.0842	-2.21E-5	-2.76E-5	2.02E-7
	CC20	-0.0089	-0.0622	-0.0807	-4.24E-5	6.43E-5	3.05E-6
	CC21	-0.0082	-0.0691	-0.0809	-5.18E-5	6.17E-5	1.32E-5
556	CC1	0.0002	-0.0004	-0.0914	5.69E-8	-4.11E-7	-4.92E-8
	CC2	0.0002	-0.0004	-0.0914	5.69E-8	-4.11E-7	-4.92E-8
	CC3	0.0002	-0.0004	-0.0914	5.69E-8	-4.11E-7	-4.92E-8
	CC4	0.0002	-0.0003	-0.0888	7.87E-8	-5.70E-7	-4.15E-8
	CC5	0.0002	-0.0003	-0.0888	7.87E-8	-5.70E-7	-4.15E-8
	CC6	0.0148	0.0151	-0.0946	2.12E-5	-1.54E-4	-1.30E-5
	CC7	0.0149	0.0138	-0.0946	2.12E-5	-1.54E-4	-1.13E-5
	CC8	0.0143	-0.0083	-0.0906	1.77E-5	-1.29E-4	-1.15E-5
	CC9	0.0144	-0.0096	-0.0906	1.77E-5	-1.28E-4	-9.88E-6
	CC10	-0.0140	0.0089	-0.0852	-1.75E-5	1.27E-4	9.80E-6
	CC11	-0.0139	0.0076	-0.0852	-1.75E-5	1.27E-4	1.15E-5
	CC12	-0.0145	-0.0145	-0.0812	-2.10E-5	1.52E-4	1.13E-5
	CC13	-0.0144	-0.0158	-0.0812	-2.10E-5	1.53E-4	1.29E-5
	CC14	0.0052	0.0418	-0.0959	1.18E-5	-8.58E-5	-8.65E-6
	CC15	0.0055	0.0375	-0.0959	1.17E-5	-8.47E-5	-3.13E-6
	CC16	-0.0035	0.0399	-0.0931	2.16E-7	-1.55E-6	-1.81E-6
	CC17	-0.0032	0.0356	-0.0931	6.41E-8	-4.47E-7	3.71E-6
	CC18	0.0036	-0.0362	-0.0827	1.08E-7	-7.98E-7	-3.78E-6

	CC19	0.0039	-0.0405	-0.0827	-4.42E-8	3.06E-7	1.73E-6
	CC20	-0.0051	-0.0381	-0.0799	-1.15E-5	8.35E-5	3.06E-6
	CC21	-0.0048	-0.0424	-0.0798	-1.17E-5	8.46E-5	8.57E-6
557	CC1	0.0001	-0.0005	-0.0912	-8.76E-1	4.97E-9	-1.32E-6
	CC2	0.0001	-0.0005	-0.0912	-8.76E-1	4.97E-9	-1.32E-6
	CC3	0.0001	-0.0005	-0.0912	-8.76E-1	4.97E-9	-1.32E-6
	CC4	0.0002	-0.0004	-0.0886	2.28E-8	-1.67E-7	-1.27E-6
	CC5	0.0002	-0.0004	-0.0886	2.28E-8	-1.67E-7	-1.27E-6
	CC6	0.0145	0.0149	-0.0976	2.02E-5	-1.47E-4	-1.65E-5
	CC7	0.0148	0.0137	-0.0975	2.04E-5	-1.48E-4	-1.45E-5
	CC8	0.0142	-0.0085	-0.0905	1.70E-5	-1.23E-4	-1.29E-5
	CC9	0.0145	-0.0098	-0.0904	1.72E-5	-1.25E-4	-1.09E-5
	CC10	-0.0142	0.0090	-0.0850	-1.71E-5	1.24E-4	8.43E-6
	CC11	-0.0139	0.0077	-0.0849	-1.69E-5	1.23E-4	1.03E-5
	CC12	-0.0144	-0.0145	-0.0780	-2.03E-5	1.48E-4	1.20E-5
	CC13	-0.0142	-0.0158	-0.0779	-2.02E-5	1.46E-4	1.39E-5
	CC14	0.0045	0.0417	-0.1016	1.07E-5	-7.78E-5	-1.42E-5
	CC15	0.0053	0.0375	-0.1012	1.13E-5	-8.18E-5	-7.80E-6
	CC16	-0.0041	0.0399	-0.0978	-4.82E-7	3.48E-6	-6.69E-6
	CC17	-0.0033	0.0357	-0.0974	6.85E-8	-5.11E-7	-3.41E-7
	CC18	0.0036	-0.0365	-0.0780	-7.12E-9	6.36E-8	-2.17E-6
	CC19	0.0044	-0.0408	-0.0776	5.43E-7	-3.93E-6	4.18E-6
	CC20	-0.0050	-0.0383	-0.0742	-1.12E-5	8.14E-5	5.29E-6
	CC21	-0.0042	-0.0426	-0.0739	-1.07E-5	7.74E-5	1.16E-5
558	CC1	0.0002	-0.0011	-0.0921	-2.85E-6	1.42E-6	-5.33E-7
	CC2	0.0002	-0.0011	-0.0921	-2.85E-6	1.42E-6	-5.33E-7
	CC3	0.0002	-0.0011	-0.0921	-2.85E-6	1.42E-6	-5.33E-7
	CC4	0.0002	-0.0010	-0.0895	-2.66E-6	1.18E-6	-5.20E-7
	CC5	0.0002	-0.0010	-0.0895	-2.66E-6	1.18E-6	-5.20E-7
	CC6	0.0266	0.0236	-0.1005	3.84E-5	-1.49E-4	-2.77E-5
	CC7	0.0271	0.0215	-0.1004	3.73E-5	-1.51E-4	-2.43E-5
	CC8	0.0270	-0.0145	-0.0928	3.31E-5	-1.39E-4	-2.14E-5
	CC9	0.0275	-0.0166	-0.0927	3.20E-5	-1.41E-4	-1.80E-5
	CC10	-0.0271	0.0147	-0.0845	-3.72E-5	1.43E-4	1.69E-5
	CC11	-0.0267	0.0126	-0.0844	-3.83E-5	1.41E-4	2.04E-5
	CC12	-0.0267	-0.0235	-0.0769	-4.25E-5	1.53E-4	2.33E-5
	CC13	-0.0262	-0.0255	-0.0768	-4.36E-5	1.51E-4	2.67E-5
	CC14	0.0067	0.0673	-0.1039	1.94E-5	-5.60E-5	-2.35E-5
	CC15	0.0083	0.0606	-0.1036	1.57E-5	-6.31E-5	-1.20E-5
	CC16	-0.0094	0.0647	-0.0991	-3.31E-6	3.15E-5	-1.01E-5
	CC17	-0.0078	0.0579	-0.0988	-6.99E-6	2.45E-5	1.36E-6
	CC18	0.0082	-0.0598	-0.0785	1.78E-6	-2.23E-5	-2.39E-6
	CC19	0.0098	-0.0666	-0.0782	-1.90E-6	-2.93E-5	9.04E-6
	CC20	-0.0079	-0.0625	-0.0737	-2.09E-5	6.53E-5	1.10E-5
	CC21	-0.0063	-0.0693	-0.0734	-2.46E-5	5.82E-5	2.24E-5
559	CC1	0.0001	-0.0009	-0.0925	-5.04E-6	-2.80E-7	2.84E-6
	CC2	0.0001	-0.0009	-0.0925	-5.04E-6	-2.80E-7	2.84E-6
	CC3	0.0001	-0.0009	-0.0925	-5.04E-6	-2.80E-7	2.84E-6
	CC4	0.0001	-0.0008	-0.0898	-4.37E-6	-2.42E-7	2.62E-6
	CC5	0.0001	-0.0008	-0.0898	-4.37E-6	-2.42E-7	2.62E-6
	CC6	0.0258	0.0208	-0.1006	9.93E-5	5.51E-6	1.34E-5
	CC7	0.0266	0.0192	-0.1003	9.21E-5	5.11E-6	1.85E-5
	CC8	0.0270	-0.0154	-0.0893	-6.99E-5	-3.88E-6	4.64E-5
	CC9	0.0278	-0.0170	-0.0890	-7.72E-5	-4.28E-6	5.15E-5
	CC10	-0.0275	0.0155	-0.0889	6.89E-5	3.82E-6	-4.64E-5
	CC11	-0.0267	0.0139	-0.0886	6.16E-5	3.42E-6	-4.13E-5
	CC12	-0.0264	-0.0207	-0.0777	-1.00E-4	-5.57E-6	-1.34E-5
	CC13	-0.0256	-0.0223	-0.0774	-1.08E-4	-5.97E-6	-8.34E-6
	CC14	0.0049	0.0631	-0.1100	2.95E-4	1.63E-5	-5.18E-5
	CC15	0.0075	0.0577	-0.1090	2.70E-4	1.50E-5	-3.50E-5
	CC16	-0.0111	0.0615	-0.1065	2.85E-4	1.58E-5	-6.98E-5
	CC17	-0.0085	0.0562	-0.1055	2.61E-4	1.45E-5	-5.30E-5
	CC18	0.0087	-0.0577	-0.0724	-2.70E-4	-1.50E-5	5.81E-5
	CC19	0.0114	-0.0630	-0.0714	-2.94E-4	-1.63E-5	7.49E-5
	CC20	-0.0073	-0.0593	-0.0689	-2.79E-4	-1.55E-5	4.01E-5
	CC21	-0.0046	-0.0646	-0.0679	-3.03E-4	-1.68E-5	5.69E-5
560	CC1	0.0000	-0.0004	-0.0912	-5.96E-6	-3.31E-7	4.83E-7
	CC2	0.0000	-0.0004	-0.0912	-5.96E-6	-3.31E-7	4.83E-7
	CC3	0.0000	-0.0004	-0.0912	-5.96E-6	-3.31E-7	4.83E-7
	CC4	0.0000	-0.0004	-0.0886	-5.39E-6	-2.99E-7	3.70E-7
	CC5	0.0000	-0.0004	-0.0886	-5.39E-6	-2.99E-7	3.70E-7
	CC6	0.0149	0.0119	-0.0969	9.68E-5	5.37E-6	-3.22E-6

	CC7	0.0153	0.0109	-0.0966	8.88E-5	4.93E-6	6.89E-7
	CC8	0.0154	-0.0091	-0.0870	-7.79E-5	-4.33E-6	3.73E-5
	CC9	0.0159	-0.0101	-0.0867	-8.59E-5	-4.77E-6	4.12E-5
	CC10	-0.0159	0.0094	-0.0887	7.55E-5	4.19E-6	-4.05E-5
	CC11	-0.0154	0.0084	-0.0884	6.75E-5	3.75E-6	-3.66E-5
	CC12	-0.0153	-0.0116	-0.0788	-9.92E-5	-5.51E-6	-2.56E-8
	CC13	-0.0148	-0.0126	-0.0785	-1.07E-4	-5.95E-6	3.88E-6
	CC14	0.0029	0.0366	-0.1059	3.02E-4	1.68E-5	-6.81E-5
	CC15	0.0045	0.0335	-0.1050	2.76E-4	1.53E-5	-5.51E-5
	CC16	-0.0063	0.0359	-0.1035	2.96E-4	1.64E-5	-7.93E-5
	CC17	-0.0048	0.0327	-0.1025	2.70E-4	1.50E-5	-6.63E-5
	CC18	0.0048	-0.0334	-0.0730	-2.80E-4	-1.55E-5	6.70E-5
	CC19	0.0064	-0.0366	-0.0720	-3.06E-4	-1.70E-5	7.99E-5
	CC20	-0.0044	-0.0342	-0.0705	-2.86E-4	-1.59E-5	5.58E-5
	CC21	-0.0028	-0.0373	-0.0695	-3.13E-4	-1.74E-5	6.87E-5
561	CC1	0.0000	-0.0001	-0.0899	-1.72E-6	-9.56E-8	-4.24E-7
	CC2	0.0000	-0.0001	-0.0899	-1.72E-6	-9.56E-8	-4.24E-7
	CC3	0.0000	-0.0001	-0.0899	-1.72E-6	-9.56E-8	-4.24E-7
	CC4	0.0000	-0.0001	-0.0873	-1.43E-6	-7.95E-8	-4.67E-7
	CC5	0.0000	-0.0001	-0.0873	-1.43E-6	-7.95E-8	-4.67E-7
	CC6	0.0060	0.0038	-0.0932	6.46E-5	3.59E-6	-9.78E-6
	CC7	0.0062	0.0035	-0.0930	5.77E-5	3.20E-6	-7.57E-6
	CC8	0.0062	-0.0029	-0.0851	-8.32E-5	-4.62E-6	2.23E-5
	CC9	0.0064	-0.0032	-0.0848	-9.01E-5	-5.00E-6	2.45E-5
	CC10	-0.0064	0.0031	-0.0881	8.75E-5	4.85E-6	-2.55E-5
	CC11	-0.0062	0.0028	-0.0879	8.05E-5	4.47E-6	-2.33E-5
	CC12	-0.0062	-0.0037	-0.0800	-6.03E-5	-3.35E-6	6.60E-6
	CC13	-0.0060	-0.0040	-0.0797	-6.73E-5	-3.73E-6	8.82E-6
	CC14	0.0011	0.0118	-0.1012	2.53E-4	1.40E-5	-5.53E-5
	CC15	0.0018	0.0108	-0.1004	2.30E-4	1.28E-5	-4.79E-5
	CC16	-0.0026	0.0115	-0.0997	2.60E-4	1.44E-5	-6.00E-5
	CC17	-0.0019	0.0105	-0.0988	2.37E-4	1.32E-5	-5.27E-5
	CC18	0.0019	-0.0106	-0.0741	-2.40E-4	-1.33E-5	5.17E-5
	CC19	0.0026	-0.0116	-0.0732	-2.63E-4	-1.46E-5	5.90E-5
	CC20	-0.0018	-0.0109	-0.0726	-2.33E-4	-1.29E-5	4.70E-5
	CC21	-0.0011	-0.0119	-0.0717	-2.56E-4	-1.42E-5	5.43E-5
562	CC1	-0.0001	-0.0001	-0.0898	-1.13E-6	-6.28E-8	7.21E-7
	CC2	-0.0001	-0.0001	-0.0898	-1.13E-6	-6.28E-8	7.21E-7
	CC3	-0.0001	-0.0001	-0.0898	-1.13E-6	-6.28E-8	7.21E-7
	CC4	-0.0001	0.0000	-0.0872	-9.65E-7	-5.35E-8	6.47E-7
	CC5	-0.0001	0.0000	-0.0872	-9.65E-7	-5.35E-8	6.47E-7
	CC6	0.0070	0.0031	-0.0890	5.42E-5	3.01E-6	1.80E-6
	CC7	0.0072	0.0029	-0.0887	5.00E-5	2.77E-6	2.59E-6
	CC8	0.0069	-0.0020	-0.0812	-6.10E-5	-3.39E-6	7.89E-6
	CC9	0.0072	-0.0022	-0.0809	-6.53E-5	-3.62E-6	8.68E-6
	CC10	-0.0073	0.0021	-0.0919	6.35E-5	3.52E-6	-7.43E-6
	CC11	-0.0070	0.0019	-0.0916	5.92E-5	3.29E-6	-6.64E-6
	CC12	-0.0073	-0.0030	-0.0840	-5.18E-5	-2.88E-6	-1.35E-6
	CC13	-0.0071	-0.0032	-0.0837	-5.60E-5	-3.11E-6	-5.55E-7
	CC14	0.0018	0.0089	-0.0996	1.97E-4	1.09E-5	-9.44E-6
	CC15	0.0025	0.0084	-0.0985	1.83E-4	1.01E-5	-6.83E-6
	CC16	-0.0025	0.0086	-0.1004	2.00E-4	1.11E-5	-1.22E-5
	CC17	-0.0017	0.0080	-0.0994	1.86E-4	1.03E-5	-9.60E-6
	CC18	0.0016	-0.0081	-0.0733	-1.87E-4	-1.04E-5	1.08E-5
	CC19	0.0024	-0.0087	-0.0723	-2.01E-4	-1.12E-5	1.35E-5
	CC20	-0.0026	-0.0084	-0.0742	-1.85E-4	-1.02E-5	8.07E-6
	CC21	-0.0019	-0.0090	-0.0732	-1.99E-4	-1.10E-5	1.07E-5
563	CC1	-0.0001	0.0000	-0.0897	-5.34E-7	-2.96E-8	1.86E-7
	CC2	-0.0001	0.0000	-0.0897	-5.34E-7	-2.96E-8	1.86E-7
	CC3	-0.0001	0.0000	-0.0897	-5.34E-7	-2.96E-8	1.86E-7
	CC4	-0.0001	0.0000	-0.0871	-4.73E-7	-2.63E-8	1.31E-7
	CC5	-0.0001	0.0000	-0.0871	-4.73E-7	-2.63E-8	1.31E-7
	CC6	0.0075	0.0031	-0.0869	6.39E-5	3.55E-6	-5.89E-6
	CC7	0.0077	0.0030	-0.0865	6.11E-5	3.39E-6	-5.28E-6
	CC8	0.0072	-0.0015	-0.0791	-3.84E-5	-2.13E-6	-1.19E-6
	CC9	0.0074	-0.0016	-0.0787	-4.12E-5	-2.29E-6	-5.80E-7
	CC10	-0.0076	0.0016	-0.0937	4.03E-5	2.23E-6	8.04E-7
	CC11	-0.0074	0.0015	-0.0934	3.75E-5	2.08E-6	1.42E-6
	CC12	-0.0079	-0.0030	-0.0859	-6.20E-5	-3.44E-6	5.50E-6
	CC13	-0.0077	-0.0031	-0.0856	-6.48E-5	-3.60E-6	6.12E-6
	CC14	0.0023	0.0080	-0.0988	1.78E-4	9.89E-6	-9.74E-6
	CC15	0.0030	0.0076	-0.0976	1.69E-4	9.38E-6	-7.71E-6

	CC16	-0.0023	0.0076	-0.1009	1.71E-4	9.49E-6	-7.73E-6
	CC17	-0.0015	0.0072	-0.0997	1.62E-4	8.98E-6	-5.70E-6
	CC18	0.0013	-0.0072	-0.0728	-1.63E-4	-9.03E-6	5.92E-6
	CC19	0.0021	-0.0076	-0.0716	-1.72E-4	-9.55E-6	7.96E-6
	CC20	-0.0032	-0.0077	-0.0748	-1.70E-4	-9.43E-6	7.93E-6
	CC21	-0.0025	-0.0081	-0.0737	-1.79E-4	-9.94E-6	9.97E-6
564	CC1	0.0000	-0.0007	-0.0923	-6.08E-6	-3.37E-7	5.50E-7
	CC2	0.0000	-0.0007	-0.0923	-6.08E-6	-3.37E-7	5.50E-7
	CC3	0.0000	-0.0007	-0.0923	-6.08E-6	-3.37E-7	5.50E-7
	CC4	0.0000	-0.0006	-0.0897	-5.37E-6	-2.98E-7	3.48E-7
	CC5	0.0000	-0.0006	-0.0897	-5.37E-6	-2.98E-7	3.48E-7
	CC6	0.0260	0.0196	-0.0956	1.02E-4	5.69E-6	-3.39E-5
	CC7	0.0268	0.0184	-0.0953	9.56E-5	5.31E-6	-3.00E-5
	CC8	0.0271	-0.0142	-0.0851	-8.79E-5	-4.88E-6	-1.98E-5
	CC9	0.0278	-0.0154	-0.0847	-9.48E-5	-5.26E-6	-1.58E-5
	CC10	-0.0278	0.0142	-0.0928	8.45E-5	4.69E-6	1.64E-5
	CC11	-0.0270	0.0130	-0.0925	7.76E-5	4.31E-6	2.04E-5
	CC12	-0.0268	-0.0196	-0.0823	-1.06E-4	-5.88E-6	3.05E-5
	CC13	-0.0260	-0.0208	-0.0819	-1.13E-4	-6.26E-6	3.45E-5
	CC14	0.0051	0.0585	-0.1074	3.26E-4	1.81E-5	-3.73E-5
	CC15	0.0077	0.0546	-0.1063	3.04E-4	1.69E-5	-2.42E-5
	CC16	-0.0111	0.0569	-0.1066	3.21E-4	1.78E-5	-2.22E-5
	CC17	-0.0084	0.0529	-0.1054	2.98E-4	1.66E-5	-9.11E-6
	CC18	0.0085	-0.0542	-0.0722	-3.08E-4	-1.71E-5	9.67E-6
	CC19	0.0111	-0.0581	-0.0710	-3.31E-4	-1.84E-5	2.28E-5
	CC20	-0.0077	-0.0558	-0.0713	-3.14E-4	-1.74E-5	2.48E-5
	CC21	-0.0051	-0.0597	-0.0702	-3.37E-4	-1.87E-5	3.79E-5
565	CC1	-0.0001	-0.0003	-0.0911	-4.09E-6	-2.27E-7	2.57E-6
	CC2	-0.0001	-0.0003	-0.0911	-4.09E-6	-2.27E-7	2.57E-6
	CC3	-0.0001	-0.0003	-0.0911	-4.09E-6	-2.27E-7	2.57E-6
	CC4	-0.0001	-0.0002	-0.0885	-3.63E-6	-2.01E-7	2.32E-6
	CC5	-0.0001	-0.0002	-0.0885	-3.63E-6	-2.01E-7	2.32E-6
	CC6	0.0157	0.0105	-0.0935	9.34E-5	5.19E-6	6.55E-6
	CC7	0.0162	0.0099	-0.0932	8.71E-5	4.84E-6	9.35E-6
	CC8	0.0160	-0.0075	-0.0842	-7.94E-5	-4.41E-6	2.69E-5
	CC9	0.0165	-0.0081	-0.0839	-8.57E-5	-4.76E-6	2.97E-5
	CC10	-0.0166	0.0076	-0.0913	7.87E-5	4.37E-6	-2.52E-5
	CC11	-0.0161	0.0070	-0.0910	7.24E-5	4.02E-6	-2.24E-5
	CC12	-0.0163	-0.0103	-0.0820	-9.41E-5	-5.22E-6	-4.88E-6
	CC13	-0.0158	-0.0110	-0.0817	-1.00E-4	-5.57E-6	-2.08E-6
	CC14	0.0034	0.0312	-0.1039	2.97E-4	1.65E-5	-3.15E-5
	CC15	0.0050	0.0291	-0.1028	2.76E-4	1.53E-5	-2.22E-5
	CC16	-0.0063	0.0303	-0.1033	2.93E-4	1.62E-5	-4.10E-5
	CC17	-0.0047	0.0282	-0.1022	2.72E-4	1.51E-5	-3.18E-5
	CC18	0.0046	-0.0287	-0.0730	-2.79E-4	-1.55E-5	3.62E-5
	CC19	0.0062	-0.0308	-0.0719	-3.00E-4	-1.66E-5	4.55E-5
	CC20	-0.0051	-0.0295	-0.0723	-2.83E-4	-1.57E-5	2.67E-5
	CC21	-0.0035	-0.0316	-0.0712	-3.04E-4	-1.69E-5	3.60E-5
566	CC1	-0.0002	-0.0001	-0.0909	-8.70E-7	-4.83E-8	9.79E-7
	CC2	-0.0002	-0.0001	-0.0909	-8.70E-7	-4.83E-8	9.79E-7
	CC3	-0.0002	-0.0001	-0.0909	-8.70E-7	-4.83E-8	9.79E-7
	CC4	-0.0002	-0.0001	-0.0883	-6.60E-7	-3.66E-8	8.15E-7
	CC5	-0.0002	-0.0001	-0.0883	-6.60E-7	-3.66E-8	8.15E-7
	CC6	0.0163	0.0109	-0.0887	1.10E-4	6.08E-6	-1.39E-5
	CC7	0.0168	0.0104	-0.0883	1.05E-4	5.82E-6	-1.21E-5
	CC8	0.0162	-0.0059	-0.0795	-6.85E-5	-3.80E-6	-9.26E-6
	CC9	0.0167	-0.0064	-0.0791	-7.33E-5	-4.07E-6	-7.53E-6
	CC10	-0.0170	0.0062	-0.0958	7.21E-5	4.00E-6	9.05E-6
	CC11	-0.0165	0.0058	-0.0954	6.73E-5	3.73E-6	1.08E-5
	CC12	-0.0171	-0.0106	-0.0866	-1.06E-4	-5.88E-6	1.37E-5
	CC13	-0.0166	-0.0110	-0.0862	-1.11E-4	-6.15E-6	1.54E-5
	CC14	0.0042	0.0294	-0.1023	3.10E-4	1.72E-5	-1.32E-5
	CC15	0.0058	0.0280	-0.1011	2.94E-4	1.63E-5	-7.51E-6
	CC16	-0.0058	0.0280	-0.1045	2.99E-4	1.66E-5	-6.35E-6
	CC17	-0.0042	0.0266	-0.1032	2.83E-4	1.57E-5	-6.34E-7
	CC18	0.0039	-0.0267	-0.0716	-2.84E-4	-1.58E-5	2.16E-6
	CC19	0.0055	-0.0281	-0.0704	-3.00E-4	-1.66E-5	7.87E-6
	CC20	-0.0061	-0.0281	-0.0738	-2.95E-4	-1.64E-5	9.03E-6
	CC21	-0.0045	-0.0295	-0.0725	-3.11E-4	-1.73E-5	1.48E-5
567	CC1	-0.0001	-0.0006	-0.0921	-1.14E-5	-6.31E-7	3.30E-6
	CC2	-0.0001	-0.0006	-0.0921	-1.14E-5	-6.31E-7	3.30E-6
	CC3	-0.0001	-0.0006	-0.0921	-1.14E-5	-6.31E-7	3.30E-6

	CC4	-0.0001	-0.0005	-0.0894	-1.04E-5	-5.79E-7	2.95E-6
	CC5	-0.0001	-0.0005	-0.0894	-1.04E-5	-5.79E-7	2.95E-6
	CC6	0.0263	0.0208	-0.0903	7.52E-5	4.17E-6	-1.59E-5
	CC7	0.0271	0.0199	-0.0899	6.96E-5	3.86E-6	-1.31E-5
	CC8	0.0272	-0.0126	-0.0798	-1.22E-4	-6.75E-6	-2.80E-5
	CC9	0.0280	-0.0135	-0.0794	-1.27E-4	-7.06E-6	-2.52E-5
	CC10	-0.0281	0.0126	-0.0977	1.07E-4	5.93E-6	3.09E-5
	CC11	-0.0274	0.0117	-0.0973	1.01E-4	5.62E-6	3.37E-5
	CC12	-0.0273	-0.0209	-0.0872	-8.98E-5	-4.99E-6	1.88E-5
	CC13	-0.0265	-0.0217	-0.0868	-9.54E-5	-5.30E-6	2.16E-5
	CC14	0.0053	0.0579	-0.1056	3.22E-4	1.79E-5	1.14E-5
	CC15	0.0079	0.0550	-0.1043	3.04E-4	1.69E-5	2.06E-5
	CC16	-0.0110	0.0554	-0.1079	3.32E-4	1.84E-5	2.54E-5
	CC17	-0.0084	0.0525	-0.1065	3.13E-4	1.74E-5	3.46E-5
	CC18	0.0082	-0.0535	-0.0706	-3.33E-4	-1.85E-5	-2.90E-5
	CC19	0.0108	-0.0564	-0.0692	-3.52E-4	-1.95E-5	-1.98E-5
	CC20	-0.0081	-0.0560	-0.0728	-3.24E-4	-1.80E-5	-1.49E-5
	CC21	-0.0055	-0.0588	-0.0715	-3.42E-4	-1.90E-5	-5.73E-6
568	CC1	0.0004	-0.0001	-0.1081	-1.12E-5	0.00E+0	-4.16E-7
	CC2	0.0004	-0.0001	-0.1081	-1.12E-5	0.00E+0	-4.16E-7
	CC3	0.0004	-0.0001	-0.1081	-1.12E-5	0.00E+0	-4.16E-7
	CC4	0.0004	-0.0001	-0.1054	-1.04E-5	0.00E+0	-4.22E-7
	CC5	0.0004	-0.0001	-0.1054	-1.04E-5	0.00E+0	-4.22E-7
	CC6	0.0260	0.0408	-0.1208	1.91E-4	1.10E-29	-4.14E-5
	CC7	0.0268	0.0366	-0.1198	1.71E-4	1.10E-29	-3.66E-5
	CC8	0.0273	0.0012	-0.1076	-5.43E-6	4.40E-3	-2.67E-5
	CC9	0.0281	-0.0030	-0.1065	-2.62E-5	4.40E-3	-2.19E-5
	CC10	-0.0273	0.0028	-0.1026	5.89E-6	-4.40E-3	2.10E-5
	CC11	-0.0265	-0.0015	-0.1015	-1.49E-5	-4.40E-3	2.58E-5
	CC12	-0.0260	-0.0368	-0.0893	-1.91E-4	-1.10E-29	3.58E-5
	CC13	-0.0252	-0.0411	-0.0883	-2.12E-4	-1.10E-29	4.05E-5
	CC14	0.0048	0.0786	-0.1312	3.80E-4	1.33E-29	-4.23E-5
	CC15	0.0075	0.0645	-0.1276	3.11E-4	1.33E-29	-2.64E-5
	CC16	-0.0112	0.0672	-0.1257	3.24E-4	8.68E-3	-2.35E-5
	CC17	-0.0085	0.0531	-0.1222	2.56E-4	8.68E-3	-7.66E-6
	CC18	0.0092	-0.0533	-0.0869	-2.76E-4	-8.68E-3	6.81E-6
	CC19	0.0119	-0.0674	-0.0834	-3.45E-4	-8.68E-3	2.27E-5
	CC20	-0.0068	-0.0647	-0.0815	-3.32E-4	-1.33E-29	2.55E-5
	CC21	-0.0041	-0.0788	-0.0779	-4.00E-4	-1.33E-29	4.14E-5
569	CC1	0.0000	0.0004	-0.1057	2.19E-7	0.00E+0	-2.88E-7
	CC2	0.0000	0.0004	-0.1057	2.19E-7	0.00E+0	-2.88E-7
	CC3	0.0000	0.0004	-0.1057	2.19E-7	0.00E+0	-2.88E-7
	CC4	0.0000	0.0003	-0.1031	2.76E-8	0.00E+0	-2.83E-7
	CC5	0.0000	0.0003	-0.1031	2.76E-8	0.00E+0	-2.83E-7
	CC6	0.0138	0.0228	-0.1169	2.22E-4	1.58E-29	-3.29E-5
	CC7	0.0143	0.0204	-0.1158	1.98E-4	1.58E-29	-2.92E-5
	CC8	0.0145	0.0011	-0.1042	1.05E-5	6.19E-3	-1.68E-5
	CC9	0.0149	-0.0013	-0.1031	-1.27E-5	6.19E-3	-1.31E-5
	CC10	-0.0148	0.0019	-0.1013	1.27E-5	-6.19E-3	1.25E-5
	CC11	-0.0144	-0.0005	-0.1003	-1.06E-5	-6.19E-3	1.63E-5
	CC12	-0.0142	-0.0198	-0.0886	-1.99E-4	-1.58E-29	2.86E-5
	CC13	-0.0137	-0.0222	-0.0876	-2.22E-4	-1.58E-29	3.23E-5
	CC14	0.0025	0.0435	-0.1275	4.22E-4	1.93E-29	-4.01E-5
	CC15	0.0040	0.0357	-0.1240	3.45E-4	1.93E-29	-2.77E-5
	CC16	-0.0061	0.0372	-0.1228	3.59E-4	1.27E-29	-2.64E-5
	CC17	-0.0046	0.0295	-0.1193	2.82E-4	1.27E-29	-1.40E-5
	CC18	0.0047	-0.0289	-0.0852	-2.82E-4	-1.27E-29	1.35E-5
	CC19	0.0062	-0.0366	-0.0816	-3.59E-4	-1.27E-29	2.59E-5
	CC20	-0.0039	-0.0351	-0.0805	-3.45E-4	-1.93E-29	2.71E-5
	CC21	-0.0024	-0.0429	-0.0770	-4.22E-4	-1.93E-29	3.95E-5
570	CC1	-0.0002	0.0002	-0.1034	3.82E-6	0.00E+0	-2.73E-7
	CC2	-0.0002	0.0002	-0.1034	3.82E-6	0.00E+0	-2.73E-7
	CC3	-0.0002	0.0002	-0.1034	3.82E-6	0.00E+0	-2.73E-7
	CC4	-0.0002	0.0002	-0.1009	3.38E-6	0.00E+0	-2.48E-7
	CC5	-0.0002	0.0002	-0.1009	3.38E-6	0.00E+0	-2.48E-7
	CC6	0.0043	0.0065	-0.1149	1.50E-4	2.91E-29	-2.09E-5
	CC7	0.0045	0.0058	-0.1139	1.35E-4	2.91E-29	-1.86E-5
	CC8	0.0046	0.0003	-0.1028	8.39E-6	1.15E-29	-6.87E-6
	CC9	0.0047	-0.0004	-0.1018	-6.85E-6	1.15E-29	-4.56E-6
	CC10	-0.0052	0.0007	-0.0982	1.33E-5	-1.15E-29	4.08E-6
	CC11	-0.0050	0.0000	-0.0972	-1.92E-6	-1.15E-29	6.38E-6
	CC12	-0.0049	-0.0055	-0.0861	-1.28E-4	-2.91E-29	1.81E-5

	CC13	-0.0048	-0.0062	-0.0851	-1.43E-4	-2.91E-29	2.04E-5
	CC14	0.0006	0.0124	-0.1243	2.85E-4	3.54E-29	-3.12E-5
	CC15	0.0011	0.0102	-0.1210	2.34E-4	3.54E-29	-2.36E-5
	CC16	-0.0023	0.0107	-0.1193	2.44E-4	2.32E-29	-2.37E-5
	CC17	-0.0018	0.0085	-0.1160	1.93E-4	2.32E-29	-1.61E-5
	CC18	0.0014	-0.0082	-0.0840	-1.87E-4	-2.32E-29	1.56E-5
	CC19	0.0019	-0.0103	-0.0807	-2.37E-4	-2.32E-29	2.33E-5
	CC20	-0.0015	-0.0099	-0.0790	-2.28E-4	-3.54E-29	2.31E-5
	CC21	-0.0010	-0.0121	-0.0757	-2.78E-4	-3.54E-29	3.08E-5
571	CC1	0.0003	0.0002	-0.1032	3.95E-6	0.00E+0	1.16E-7
	CC2	0.0003	0.0002	-0.1032	3.95E-6	0.00E+0	1.16E-7
	CC3	0.0003	0.0002	-0.1032	3.95E-6	0.00E+0	1.16E-7
	CC4	0.0003	0.0002	-0.1007	3.41E-6	0.00E+0	1.02E-7
	CC5	0.0003	0.0002	-0.1007	3.41E-6	0.00E+0	1.02E-7
	CC6	0.0055	0.0061	-0.1191	1.37E-4	8.28E-3	7.74E-6
	CC7	0.0056	0.0055	-0.1183	1.23E-4	8.28E-3	7.43E-6
	CC8	0.0055	0.0001	-0.1069	-5.58E-8	3.28E-3	-4.09E-6
	CC9	0.0057	-0.0005	-0.1060	-1.37E-5	3.28E-3	-4.40E-6
	CC10	-0.0051	0.0008	-0.0936	2.01E-5	-3.28E-3	4.59E-6
	CC11	-0.0049	0.0002	-0.0928	6.52E-6	-3.28E-3	4.29E-6
	CC12	-0.0050	-0.0052	-0.0814	-1.17E-4	-8.28E-3	-7.24E-6
	CC13	-0.0048	-0.0058	-0.0806	-1.30E-4	-8.28E-3	-7.54E-6
	CC14	0.0015	0.0119	-0.1254	2.71E-4	1.01E-29	2.08E-5
	CC15	0.0020	0.0099	-0.1227	2.26E-4	1.01E-29	1.98E-5
	CC16	-0.0017	0.0103	-0.1177	2.36E-4	6.59E-3	1.98E-5
	CC17	-0.0012	0.0083	-0.1150	1.91E-4	6.59E-3	1.88E-5
	CC18	0.0018	-0.0080	-0.0846	-1.85E-4	-6.59E-3	-1.86E-5
	CC19	0.0023	-0.0100	-0.0819	-2.30E-4	-6.59E-3	-1.96E-5
	CC20	-0.0014	-0.0096	-0.0770	-2.19E-4	-1.01E-29	-1.96E-5
	CC21	-0.0009	-0.0116	-0.0743	-2.65E-4	-1.01E-29	-2.06E-5
572	CC1	0.0003	0.0004	-0.1055	-1.65E-7	0.00E+0	-1.70E-7
	CC2	0.0003	0.0004	-0.1055	-1.65E-7	0.00E+0	-1.70E-7
	CC3	0.0003	0.0004	-0.1055	-1.65E-7	0.00E+0	-1.70E-7
	CC4	0.0003	0.0003	-0.1029	-3.79E-7	0.00E+0	-1.35E-7
	CC5	0.0003	0.0003	-0.1029	-3.79E-7	0.00E+0	-1.35E-7
	CC6	0.0152	0.0208	-0.1228	1.96E-4	2.57E-29	-7.48E-6
	CC7	0.0157	0.0187	-0.1220	1.76E-4	2.57E-29	-6.20E-6
	CC8	0.0158	-0.0003	-0.1099	-1.08E-5	1.02E-29	-1.76E-5
	CC9	0.0162	-0.0024	-0.1091	-3.07E-5	1.02E-29	-1.63E-5
	CC10	-0.0157	0.0030	-0.0950	2.98E-5	-1.02E-29	1.61E-5
	CC11	-0.0152	0.0009	-0.0941	9.87E-6	-1.02E-29	1.73E-5
	CC12	-0.0152	-0.0181	-0.0821	-1.77E-4	-2.57E-29	5.95E-6
	CC13	-0.0147	-0.0202	-0.0812	-1.97E-4	-2.57E-29	7.24E-6
	CC14	0.0032	0.0416	-0.1291	4.02E-4	3.11E-29	1.11E-5
	CC15	0.0048	0.0347	-0.1263	3.36E-4	3.11E-29	1.53E-5
	CC16	-0.0061	0.0363	-0.1207	3.52E-4	2.03E-29	1.81E-5
	CC17	-0.0045	0.0293	-0.1180	2.86E-4	2.03E-29	2.24E-5
	CC18	0.0050	-0.0287	-0.0861	-2.87E-4	-2.03E-29	-2.26E-5
	CC19	0.0066	-0.0357	-0.0833	-3.53E-4	-2.03E-29	-1.84E-5
	CC20	-0.0042	-0.0341	-0.0777	-3.37E-4	-3.11E-29	-1.56E-5
	CC21	-0.0027	-0.0410	-0.0750	-4.03E-4	-3.11E-29	-1.13E-5
573	CC1	0.0003	-0.0001	-0.1079	-1.23E-5	0.00E+0	-5.51E-7
	CC2	0.0003	-0.0001	-0.1079	-1.23E-5	0.00E+0	-5.51E-7
	CC3	0.0003	-0.0001	-0.1079	-1.23E-5	0.00E+0	-5.51E-7
	CC4	0.0003	-0.0002	-0.1052	-1.13E-5	0.00E+0	-4.76E-7
	CC5	0.0003	-0.0002	-0.1052	-1.13E-5	0.00E+0	-4.76E-7
	CC6	0.0270	0.0374	-0.1240	1.80E-4	2.18E-29	-2.16E-5
	CC7	0.0278	0.0335	-0.1231	1.61E-4	2.18E-29	-1.85E-5
	CC8	0.0282	-0.0015	-0.1104	-1.90E-5	8.77E-3	-2.81E-5
	CC9	0.0291	-0.0054	-0.1095	-3.83E-5	8.77E-3	-2.50E-5
	CC10	-0.0284	0.0050	-0.0993	1.62E-5	-8.77E-3	2.41E-5
	CC11	-0.0275	0.0012	-0.0983	-3.02E-6	-8.77E-3	2.71E-5
	CC12	-0.0272	-0.0339	-0.0856	-1.83E-4	-2.18E-29	1.76E-5
	CC13	-0.0263	-0.0377	-0.0847	-2.02E-4	-2.18E-29	2.07E-5
	CC14	0.0052	0.0758	-0.1324	3.78E-4	2.63E-29	-1.60E-6
	CC15	0.0080	0.0632	-0.1293	3.14E-4	2.63E-29	8.61E-6
	CC16	-0.0114	0.0661	-0.1249	3.29E-4	1.71E-29	1.21E-5
	CC17	-0.0086	0.0534	-0.1218	2.65E-4	1.71E-29	2.23E-5
	CC18	0.0093	-0.0538	-0.0869	-2.87E-4	-1.71E-29	-2.32E-5
	CC19	0.0121	-0.0665	-0.0838	-3.51E-4	-1.71E-29	-1.30E-5
	CC20	-0.0073	-0.0635	-0.0795	-3.36E-4	-2.63E-29	-9.51E-6
	CC21	-0.0045	-0.0762	-0.0764	-4.00E-4	-2.63E-29	6.95E-7

574	CC1	0.0000	0.0002	-0.1034	4.22E-6	0.00E+0	-2.78E-7
	CC2	0.0000	0.0002	-0.1034	4.22E-6	0.00E+0	-2.78E-7
	CC3	0.0000	0.0002	-0.1034	4.22E-6	0.00E+0	-2.78E-7
	CC4	0.0000	0.0002	-0.1009	3.75E-6	0.00E+0	-2.59E-7
	CC5	0.0000	0.0002	-0.1009	3.75E-6	0.00E+0	-2.59E-7
	CC6	0.0045	0.0074	-0.1187	1.66E-4	1.55E-29	-1.06E-5
	CC7	0.0046	0.0067	-0.1179	1.49E-4	1.55E-29	-9.36E-6
	CC8	0.0047	0.0007	-0.1069	1.58E-5	6.16E-3	-6.16E-6
	CC9	0.0048	-0.0001	-0.1060	-1.25E-6	6.16E-3	-4.95E-6
	CC10	-0.0047	0.0004	-0.0941	8.43E-6	-6.16E-3	4.45E-6
	CC11	-0.0046	-0.0004	-0.0933	-8.59E-6	-6.16E-3	5.66E-6
	CC12	-0.0046	-0.0063	-0.0822	-1.41E-4	-1.55E-29	8.86E-6
	CC13	-0.0044	-0.0071	-0.0814	-1.58E-4	-1.55E-29	1.01E-5
	CC14	0.0009	0.0137	-0.1250	3.05E-4	1.88E-29	-1.19E-5
	CC15	0.0014	0.0112	-0.1221	2.49E-4	1.88E-29	-7.85E-6
	CC16	-0.0019	0.0116	-0.1176	2.58E-4	1.23E-29	-7.36E-6
	CC17	-0.0014	0.0091	-0.1148	2.02E-4	1.23E-29	-3.34E-6
	CC18	0.0015	-0.0087	-0.0854	-1.94E-4	-1.23E-29	2.84E-6
	CC19	0.0020	-0.0113	-0.0826	-2.51E-4	-1.23E-29	6.85E-6
	CC20	-0.0013	-0.0108	-0.0780	-2.42E-4	-1.88E-29	7.34E-6
	CC21	-0.0008	-0.0134	-0.0752	-2.98E-4	-1.88E-29	1.14E-5
575	CC1	0.0003	0.0004	-0.1058	5.54E-7	0.00E+0	-8.46E-7
	CC2	0.0003	0.0004	-0.1058	5.54E-7	0.00E+0	-8.46E-7
	CC3	0.0003	0.0004	-0.1058	5.54E-7	0.00E+0	-8.46E-7
	CC4	0.0003	0.0004	-0.1033	3.47E-7	0.00E+0	-7.93E-7
	CC5	0.0003	0.0004	-0.1033	3.47E-7	0.00E+0	-7.93E-7
	CC6	0.0143	0.0248	-0.1230	2.31E-4	3.36E-29	-2.92E-5
	CC7	0.0147	0.0222	-0.1222	2.07E-4	3.36E-29	-2.58E-5
	CC8	0.0148	0.0022	-0.1107	1.71E-5	1.32E-29	-1.74E-5
	CC9	0.0153	-0.0004	-0.1099	-7.19E-6	1.32E-29	-1.41E-5
	CC10	-0.0147	0.0011	-0.0949	7.74E-6	-1.32E-29	1.26E-5
	CC11	-0.0142	-0.0015	-0.0941	-1.66E-5	-1.32E-29	1.59E-5
	CC12	-0.0141	-0.0215	-0.0826	-2.06E-4	-3.36E-29	2.43E-5
	CC13	-0.0136	-0.0241	-0.0818	-2.31E-4	-3.36E-29	2.76E-5
	CC14	0.0029	0.0459	-0.1286	4.31E-4	4.10E-29	-3.21E-5
	CC15	0.0044	0.0373	-0.1257	3.50E-4	4.10E-29	-2.11E-5
	CC16	-0.0058	0.0387	-0.1201	3.64E-4	2.70E-29	-1.96E-5
	CC17	-0.0043	0.0302	-0.1173	2.83E-4	2.70E-29	-8.56E-6
	CC18	0.0049	-0.0295	-0.0875	-2.83E-4	-2.70E-29	7.01E-6
	CC19	0.0064	-0.0381	-0.0847	-3.63E-4	-2.70E-29	1.80E-5
	CC20	-0.0038	-0.0367	-0.0791	-3.50E-4	-4.10E-29	1.95E-5
	CC21	-0.0023	-0.0452	-0.0762	-4.30E-4	-4.10E-29	3.05E-5
576	CC1	0.0006	0.0000	-0.1082	-1.05E-5	0.00E+0	-1.80E-6
	CC2	0.0006	0.0000	-0.1082	-1.05E-5	0.00E+0	-1.80E-6
	CC3	0.0006	0.0000	-0.1082	-1.05E-5	0.00E+0	-1.80E-6
	CC4	0.0006	0.0000	-0.1056	-9.79E-6	0.00E+0	-1.68E-6
	CC5	0.0006	0.0000	-0.1056	-9.79E-6	0.00E+0	-1.68E-6
	CC6	0.0265	0.0437	-0.1280	2.01E-4	4.38E-29	-4.82E-5
	CC7	0.0273	0.0391	-0.1272	1.79E-4	4.38E-29	-4.28E-5
	CC8	0.0278	0.0030	-0.1153	1.53E-6	1.77E-29	-2.90E-5
	CC9	0.0286	-0.0016	-0.1145	-2.05E-5	1.77E-29	-2.36E-5
	CC10	-0.0273	0.0015	-0.0950	1.37E-6	-1.77E-29	2.03E-5
	CC11	-0.0265	-0.0031	-0.0941	-2.06E-5	-1.77E-29	2.58E-5
	CC12	-0.0261	-0.0392	-0.0822	-1.99E-4	-4.38E-29	3.95E-5
	CC13	-0.0252	-0.0438	-0.0814	-2.21E-4	-4.38E-29	4.49E-5
	CC14	0.0053	0.0817	-0.1323	3.90E-4	5.28E-29	-5.28E-5
	CC15	0.0080	0.0665	-0.1295	3.17E-4	5.28E-29	-3.48E-5
	CC16	-0.0109	0.0691	-0.1224	3.30E-4	3.43E-29	-3.22E-5
	CC17	-0.0082	0.0539	-0.1196	2.57E-4	3.43E-29	-1.43E-5
	CC18	0.0094	-0.0539	-0.0898	-2.76E-4	-3.43E-29	1.10E-5
	CC19	0.0122	-0.0692	-0.0871	-3.49E-4	-3.43E-29	2.90E-5
	CC20	-0.0067	-0.0666	-0.0799	-3.36E-4	-5.28E-29	3.15E-5
	CC21	-0.0040	-0.0818	-0.0771	-4.09E-4	-5.28E-29	4.95E-5
577	CC1	0.0001	0.0002	-0.1031	4.18E-6	0.00E+0	1.64E-7
	CC2	0.0001	0.0002	-0.1031	4.18E-6	0.00E+0	1.64E-7
	CC3	0.0001	0.0002	-0.1031	4.18E-6	0.00E+0	1.64E-7
	CC4	0.0001	0.0002	-0.1006	3.62E-6	0.00E+0	1.56E-7
	CC5	0.0001	0.0002	-0.1006	3.62E-6	0.00E+0	1.56E-7
	CC6	0.0050	0.0061	-0.1148	1.36E-4	1.15E-29	-3.19E-6
	CC7	0.0051	0.0055	-0.1139	1.23E-4	1.15E-29	-2.67E-6
	CC8	0.0051	-0.0003	-0.1024	-6.29E-6	4.61E-3	-6.15E-6
	CC9	0.0053	-0.0009	-0.1015	-1.96E-5	4.61E-3	-5.63E-6

	CC10	-0.0051	0.0012	-0.0980	2.65E-5	-4.61E-3	5.94E-6
	CC11	-0.0050	0.0006	-0.0971	1.32E-5	-4.61E-3	6.46E-6
	CC12	-0.0050	-0.0052	-0.0856	-1.16E-4	-1.15E-29	2.98E-6
	CC13	-0.0048	-0.0058	-0.0846	-1.29E-4	-1.15E-29	3.50E-6
	CC14	0.0011	0.0125	-0.1245	2.79E-4	1.39E-29	2.86E-6
	CC15	0.0016	0.0105	-0.1214	2.35E-4	1.39E-29	4.57E-6
	CC16	-0.0020	0.0110	-0.1195	2.46E-4	9.05E-3	5.59E-6
	CC17	-0.0015	0.0091	-0.1163	2.02E-4	9.05E-3	7.31E-6
	CC18	0.0016	-0.0087	-0.0832	-1.95E-4	-9.05E-3	-7.01E-6
	CC19	0.0021	-0.0107	-0.0800	-2.39E-4	-9.05E-3	-5.29E-6
	CC20	-0.0015	-0.0102	-0.0781	-2.28E-4	-1.39E-29	-4.27E-6
	CC21	-0.0009	-0.0122	-0.0750	-2.72E-4	-1.39E-29	-2.55E-6
578	CC1	0.0000	0.0004	-0.1054	-2.84E-9	0.00E+0	4.71E-7
	CC2	0.0000	0.0004	-0.1054	-2.84E-9	0.00E+0	4.71E-7
	CC3	0.0000	0.0004	-0.1054	-2.84E-9	0.00E+0	4.71E-7
	CC4	0.0000	0.0003	-0.1028	-2.19E-7	0.00E+0	4.49E-7
	CC5	0.0000	0.0003	-0.1028	-2.19E-7	0.00E+0	4.49E-7
	CC6	0.0150	0.0203	-0.1166	1.90E-4	1.94E-29	-1.04E-5
	CC7	0.0155	0.0183	-0.1156	1.71E-4	1.94E-29	-8.81E-6
	CC8	0.0157	-0.0013	-0.1033	-1.67E-5	7.56E-3	-1.68E-5
	CC9	0.0161	-0.0033	-0.1023	-3.58E-5	7.56E-3	-1.52E-5
	CC10	-0.0161	0.0039	-0.1016	3.52E-5	-7.56E-3	1.60E-5
	CC11	-0.0156	0.0019	-0.1006	1.61E-5	-7.56E-3	1.77E-5
	CC12	-0.0155	-0.0177	-0.0884	-1.72E-4	-1.94E-29	9.69E-6
	CC13	-0.0150	-0.0197	-0.0873	-1.91E-4	-1.94E-29	1.13E-5
	CC14	0.0028	0.0421	-0.1280	3.99E-4	2.37E-29	4.36E-6
	CC15	0.0044	0.0354	-0.1246	3.36E-4	2.37E-29	9.75E-6
	CC16	-0.0065	0.0372	-0.1235	3.53E-4	1.57E-29	1.23E-5
	CC17	-0.0049	0.0305	-0.1201	2.89E-4	1.57E-29	1.77E-5
	CC18	0.0050	-0.0299	-0.0838	-2.90E-4	-1.57E-29	-1.68E-5
	CC19	0.0065	-0.0366	-0.0804	-3.53E-4	-1.57E-29	-1.14E-5
	CC20	-0.0044	-0.0348	-0.0793	-3.36E-4	-2.37E-29	-8.86E-6
	CC21	-0.0028	-0.0415	-0.0759	-4.00E-4	-2.37E-29	-3.48E-6
579	CC1	0.0001	-0.0001	-0.1077	-1.21E-5	0.00E+0	1.03E-6
	CC2	0.0001	-0.0001	-0.1077	-1.21E-5	0.00E+0	1.03E-6
	CC3	0.0001	-0.0001	-0.1077	-1.21E-5	0.00E+0	1.03E-6
	CC4	0.0001	-0.0002	-0.1051	-1.11E-5	0.00E+0	9.57E-7
	CC5	0.0001	-0.0002	-0.1051	-1.11E-5	0.00E+0	9.57E-7
	CC6	0.0270	0.0362	-0.1178	1.76E-4	4.55E-29	-1.77E-5
	CC7	0.0279	0.0326	-0.1166	1.57E-4	4.55E-29	-1.49E-5
	CC8	0.0284	-0.0032	-0.1036	-2.46E-5	1.82E-29	-2.69E-5
	CC9	0.0292	-0.0068	-0.1025	-4.32E-5	1.82E-29	-2.41E-5
	CC10	-0.0290	0.0065	-0.1059	2.16E-5	-1.82E-29	2.60E-5
	CC11	-0.0282	0.0028	-0.1047	3.00E-6	-1.82E-29	2.88E-5
	CC12	-0.0277	-0.0329	-0.0917	-1.79E-4	-4.55E-29	1.68E-5
	CC13	-0.0268	-0.0365	-0.0906	-1.97E-4	-4.55E-29	1.96E-5
	CC14	0.0049	0.0760	-0.1314	3.77E-4	5.50E-29	5.18E-6
	CC15	0.0077	0.0639	-0.1276	3.16E-4	5.50E-29	1.43E-5
	CC16	-0.0119	0.0670	-0.1279	3.31E-4	3.59E-29	1.83E-5
	CC17	-0.0091	0.0550	-0.1240	2.69E-4	3.59E-29	2.75E-5
	CC18	0.0093	-0.0553	-0.0843	-2.91E-4	-3.59E-29	-2.56E-5
	CC19	0.0121	-0.0674	-0.0805	-3.53E-4	-3.59E-29	-1.64E-5
	CC20	-0.0075	-0.0642	-0.0807	-3.37E-4	-5.50E-29	-1.25E-5
	CC21	-0.0047	-0.0763	-0.0769	-3.99E-4	-5.50E-29	-3.31E-6
580	CC1	0.0005	-0.0001	-0.1028	0.00E+0	-1.17E-5	1.19E-7
	CC2	0.0005	-0.0001	-0.1028	0.00E+0	-1.17E-5	1.19E-7
	CC3	0.0005	-0.0001	-0.1028	0.00E+0	-1.17E-5	1.19E-7
	CC4	0.0005	-0.0001	-0.1004	0.00E+0	-1.12E-5	1.87E-7
	CC5	0.0005	-0.0001	-0.1004	0.00E+0	-1.12E-5	1.87E-7
	CC6	0.0056	0.0115	-0.1123	1.86E-29	-1.26E-4	9.64E-6
	CC7	0.0055	0.0102	-0.1122	1.86E-29	-1.24E-4	9.61E-6
	CC8	0.0056	0.0030	-0.1104	7.40E-3	-1.24E-4	8.51E-6
	CC9	0.0054	0.0017	-0.1103	7.40E-3	-1.22E-4	8.48E-6
	CC10	-0.0045	-0.0018	-0.0890	-7.40E-3	1.00E-4	-8.07E-6
	CC11	-0.0046	-0.0031	-0.0889	-7.40E-3	1.02E-4	-8.09E-6
	CC12	-0.0045	-0.0103	-0.0871	-1.86E-29	1.02E-4	-9.19E-6
	CC13	-0.0046	-0.0116	-0.0870	-1.86E-29	1.04E-4	-9.22E-6
	CC14	0.0023	0.0182	-0.1065	2.25E-29	-5.16E-5	4.78E-6
	CC15	0.0019	0.0140	-0.1062	2.25E-29	-4.40E-5	4.69E-6
	CC16	-0.0007	0.0142	-0.0995	1.47E-29	1.62E-5	-5.28E-7
	CC17	-0.0011	0.0100	-0.0992	1.47E-29	2.38E-5	-6.16E-7
	CC18	0.0021	-0.0101	-0.1001	-1.47E-29	-4.59E-5	1.03E-6

	CC19	0.0017	-0.0144	-0.0998	-1.47E-29	-3.83E-5	9.46E-7
	CC20	-0.0009	-0.0141	-0.0931	-2.25E-29	2.19E-5	-4.28E-6
	CC21	-0.0013	-0.0184	-0.0928	-2.25E-29	2.95E-5	-4.36E-6
581	CC1	0.0006	-0.0002	-0.1030	0.00E+0	-1.32E-5	-1.68E-6
	CC2	0.0006	-0.0002	-0.1030	0.00E+0	-1.32E-5	-1.68E-6
	CC3	0.0006	-0.0002	-0.1030	0.00E+0	-1.32E-5	-1.68E-6
	CC4	0.0006	-0.0002	-0.1007	0.00E+0	-1.25E-5	-1.56E-6
	CC5	0.0006	-0.0002	-0.1007	0.00E+0	-1.25E-5	-1.56E-6
	CC6	0.0055	0.0114	-0.1079	2.77E-29	-1.24E-4	-6.90E-6
	CC7	0.0053	0.0101	-0.1085	2.77E-29	-1.21E-4	-6.76E-6
	CC8	0.0056	0.0029	-0.1127	1.11E-29	-1.27E-4	-9.28E-6
	CC9	0.0055	0.0016	-0.1134	1.11E-29	-1.24E-4	-9.14E-6
	CC10	-0.0044	-0.0019	-0.0864	-1.11E-29	9.98E-5	6.10E-6
	CC11	-0.0045	-0.0032	-0.0870	-1.11E-29	1.03E-4	6.24E-6
	CC12	-0.0042	-0.0105	-0.0913	-2.77E-29	9.67E-5	3.72E-6
	CC13	-0.0043	-0.0118	-0.0919	-2.77E-29	9.95E-5	3.86E-6
	CC14	0.0019	0.0181	-0.0939	3.35E-29	-4.54E-5	2.71E-7
	CC15	0.0016	0.0139	-0.0961	3.35E-29	-3.59E-5	7.24E-7
	CC16	-0.0010	0.0141	-0.0875	2.19E-29	2.18E-5	4.17E-6
	CC17	-0.0014	0.0099	-0.0896	2.19E-29	3.13E-5	4.62E-6
	CC18	0.0025	-0.0102	-0.1102	-2.19E-29	-5.58E-5	-7.66E-6
	CC19	0.0021	-0.0145	-0.1123	-2.19E-29	-4.63E-5	-7.21E-6
	CC20	-0.0005	-0.0142	-0.1037	-3.35E-29	1.13E-5	-3.76E-6
	CC21	-0.0008	-0.0185	-0.1059	-3.35E-29	2.08E-5	-3.31E-6
582	CC1	0.0024	-0.0011	-0.1062	0.00E+0	-6.07E-6	-2.11E-6
	CC2	0.0024	-0.0011	-0.1062	0.00E+0	-6.07E-6	-2.11E-6
	CC3	0.0024	-0.0011	-0.1062	0.00E+0	-6.07E-6	-2.11E-6
	CC4	0.0023	-0.0010	-0.1038	0.00E+0	-6.00E-6	-1.81E-6
	CC5	0.0023	-0.0010	-0.1038	0.00E+0	-6.00E-6	-1.81E-6
	CC6	0.0323	0.0518	-0.1170	2.01E-29	-1.60E-4	-2.80E-5
	CC7	0.0317	0.0459	-0.1166	2.01E-29	-1.57E-4	-2.47E-5
	CC8	0.0329	0.0128	-0.1128	7.89E-3	-1.63E-4	-2.42E-5
	CC9	0.0323	0.0070	-0.1123	7.89E-3	-1.59E-4	-2.09E-5
	CC10	-0.0277	-0.0089	-0.0937	-7.89E-3	1.47E-4	1.75E-5
	CC11	-0.0283	-0.0148	-0.0933	-7.89E-3	1.51E-4	2.08E-5
	CC12	-0.0271	-0.0479	-0.0894	-2.01E-29	1.45E-4	2.13E-5
	CC13	-0.0277	-0.0538	-0.0890	-2.01E-29	1.49E-4	2.46E-5
	CC14	0.0113	0.0828	-0.1143	2.46E-29	-5.40E-5	-2.02E-5
	CC15	0.0093	0.0634	-0.1129	2.46E-29	-4.28E-5	-9.40E-6
	CC16	-0.0067	0.0646	-0.1073	1.62E-29	3.84E-5	-6.56E-6
	CC17	-0.0087	0.0452	-0.1059	1.62E-29	4.96E-5	4.25E-6
	CC18	0.0133	-0.0472	-0.1001	-1.62E-29	-6.15E-5	-7.67E-6
	CC19	0.0113	-0.0665	-0.0987	-1.62E-29	-5.03E-5	3.15E-6
	CC20	-0.0047	-0.0654	-0.0931	-2.46E-29	3.08E-5	5.99E-6
	CC21	-0.0067	-0.0848	-0.0917	-2.46E-29	4.20E-5	1.68E-5
583	CC1	0.0016	-0.0005	-0.1046	0.00E+0	-1.27E-5	-1.44E-6
	CC2	0.0016	-0.0005	-0.1046	0.00E+0	-1.27E-5	-1.44E-6
	CC3	0.0016	-0.0005	-0.1046	0.00E+0	-1.27E-5	-1.44E-6
	CC4	0.0015	-0.0004	-0.1022	0.00E+0	-1.22E-5	-1.18E-6
	CC5	0.0015	-0.0004	-0.1022	0.00E+0	-1.22E-5	-1.18E-6
	CC6	0.0182	0.0296	-0.1147	7.11E-3	-1.64E-4	8.66E-6
	CC7	0.0179	0.0263	-0.1144	7.11E-3	-1.62E-4	9.89E-6
	CC8	0.0185	0.0075	-0.1116	2.82E-3	-1.68E-4	9.03E-6
	CC9	0.0182	0.0041	-0.1113	2.82E-3	-1.66E-4	1.03E-5
	CC10	-0.0151	-0.0050	-0.0915	-2.82E-3	1.41E-4	-1.25E-5
	CC11	-0.0155	-0.0083	-0.0912	-2.82E-3	1.44E-4	-1.12E-5
	CC12	-0.0148	-0.0271	-0.0884	-7.11E-3	1.37E-4	-1.21E-5
	CC13	-0.0152	-0.0305	-0.0881	-7.11E-3	1.40E-4	-1.09E-5
	CC14	0.0066	0.0472	-0.1106	8.64E-3	-5.60E-5	-6.00E-7
	CC15	0.0054	0.0361	-0.1097	8.64E-3	-4.65E-5	3.49E-6
	CC16	-0.0034	0.0368	-0.1036	5.66E-3	3.57E-5	-6.94E-6
	CC17	-0.0046	0.0257	-0.1027	5.66E-3	4.52E-5	-2.85E-6
	CC18	0.0076	-0.0266	-0.1001	-5.66E-3	-6.93E-5	6.54E-7
	CC19	0.0065	-0.0377	-0.0992	-5.66E-3	-5.98E-5	4.74E-6
	CC20	-0.0024	-0.0370	-0.0931	-8.64E-3	2.24E-5	-5.68E-6
	CC21	-0.0035	-0.0480	-0.0922	-8.64E-3	3.19E-5	-1.60E-6
584	CC1	0.0018	-0.0006	-0.1050	0.00E+0	-1.39E-5	-2.38E-6
	CC2	0.0018	-0.0006	-0.1050	0.00E+0	-1.39E-5	-2.38E-6
	CC3	0.0018	-0.0006	-0.1050	0.00E+0	-1.39E-5	-2.38E-6
	CC4	0.0017	-0.0005	-0.1026	0.00E+0	-1.33E-5	-2.17E-6
	CC5	0.0017	-0.0005	-0.1026	0.00E+0	-1.33E-5	-2.17E-6
	CC6	0.0184	0.0295	-0.1084	3.33E-29	-1.74E-4	-1.35E-5

	CC7	0.0180	0.0262	-0.1093	3.33E-29	-1.69E-4	-1.20E-5
	CC8	0.0187	0.0074	-0.1150	1.32E-29	-1.71E-4	-1.41E-5
	CC9	0.0183	0.0041	-0.1159	1.32E-29	-1.66E-4	-1.26E-5
	CC10	-0.0149	-0.0051	-0.0877	-1.32E-29	1.40E-4	8.34E-6
	CC11	-0.0154	-0.0084	-0.0886	-1.32E-29	1.45E-4	9.85E-6
	CC12	-0.0146	-0.0272	-0.0943	-3.33E-29	1.43E-4	7.76E-6
	CC13	-0.0151	-0.0305	-0.0952	-3.33E-29	1.48E-4	9.26E-6
	CC14	0.0069	0.0471	-0.0925	4.04E-29	-7.30E-5	-6.89E-6
	CC15	0.0054	0.0360	-0.0955	4.04E-29	-5.63E-5	-1.91E-6
	CC16	-0.0031	0.0367	-0.0863	2.65E-29	2.11E-5	-3.45E-7
	CC17	-0.0046	0.0256	-0.0893	2.65E-29	3.78E-5	4.63E-6
	CC18	0.0079	-0.0267	-0.1143	-2.65E-29	-6.39E-5	-8.84E-6
	CC19	0.0064	-0.0377	-0.1174	-2.65E-29	-4.72E-5	-3.86E-6
	CC20	-0.0021	-0.0370	-0.1081	-4.04E-29	3.03E-5	-2.30E-6
	CC21	-0.0036	-0.0481	-0.1112	-4.04E-29	4.69E-5	2.68E-6
585	CC1	0.0026	-0.0011	-0.1069	0.00E+0	-5.25E-6	-2.18E-6
	CC2	0.0026	-0.0011	-0.1069	0.00E+0	-5.25E-6	-2.18E-6
	CC3	0.0026	-0.0011	-0.1069	0.00E+0	-5.25E-6	-2.18E-6
	CC4	0.0025	-0.0010	-0.1044	0.00E+0	-5.23E-6	-1.93E-6
	CC5	0.0025	-0.0010	-0.1044	0.00E+0	-5.23E-6	-1.93E-6
	CC6	0.0336	0.0518	-0.1098	1.66E-29	-1.70E-4	-2.92E-5
	CC7	0.0327	0.0459	-0.1110	1.66E-29	-1.65E-4	-2.57E-5
	CC8	0.0333	0.0128	-0.1179	6.49E-3	-1.67E-4	-2.57E-5
	CC9	0.0324	0.0070	-0.1191	6.49E-3	-1.62E-4	-2.22E-5
	CC10	-0.0274	-0.0089	-0.0881	-6.49E-3	1.51E-4	1.85E-5
	CC11	-0.0283	-0.0148	-0.0892	-6.49E-3	1.57E-4	2.20E-5
	CC12	-0.0278	-0.0479	-0.0962	-1.66E-29	1.54E-4	2.20E-5
	CC13	-0.0287	-0.0537	-0.0974	-1.66E-29	1.60E-4	2.55E-5
	CC14	0.0137	0.0827	-0.0914	2.02E-29	-6.75E-5	-2.06E-5
	CC15	0.0107	0.0634	-0.0952	2.02E-29	-4.90E-5	-9.12E-6
	CC16	-0.0046	0.0645	-0.0848	1.33E-29	2.90E-5	-6.28E-6
	CC17	-0.0077	0.0452	-0.0887	1.33E-29	4.75E-5	5.20E-6
	CC18	0.0126	-0.0471	-0.1185	-1.33E-29	-5.80E-5	-8.89E-6
	CC19	0.0095	-0.0665	-0.1223	-1.33E-29	-3.94E-5	-2.59E-6
	CC20	-0.0057	-0.0653	-0.1120	-2.02E-29	3.85E-5	5.43E-6
	CC21	-0.0088	-0.0847	-0.1158	-2.02E-29	5.71E-5	1.69E-5
586	CC1	0.0013	-0.0004	-0.1044	-4.17E-6	4.77E-7	7.46E-7
	CC2	0.0013	-0.0004	-0.1044	-4.17E-6	4.77E-7	7.46E-7
	CC3	0.0013	-0.0004	-0.1044	-4.17E-6	4.77E-7	7.46E-7
	CC4	0.0012	-0.0004	-0.1020	-3.81E-6	4.36E-7	5.57E-7
	CC5	0.0012	-0.0004	-0.1020	-3.81E-6	4.36E-7	5.57E-7
	CC6	0.0081	0.0152	-0.1100	2.08E-4	-2.38E-5	-1.02E-4
	CC7	0.0079	0.0134	-0.1118	1.85E-4	-2.11E-5	-8.97E-5
	CC8	0.0092	0.0049	-0.1245	6.08E-5	-6.95E-6	-4.70E-5
	CC9	0.0090	0.0031	-0.1263	3.70E-5	-4.24E-6	-3.49E-5
	CC10	-0.0066	-0.0039	-0.0760	-4.44E-5	5.08E-6	3.59E-5
	CC11	-0.0068	-0.0056	-0.0779	-6.82E-5	7.79E-6	4.80E-5
	CC12	-0.0055	-0.0142	-0.0906	-1.92E-4	2.19E-5	9.07E-5
	CC13	-0.0057	-0.0160	-0.0924	-2.16E-4	2.47E-5	1.03E-4
	CC14	0.0018	0.0226	-0.0790	3.19E-4	-3.65E-5	-1.32E-4
	CC15	0.0013	0.0167	-0.0850	2.41E-4	-2.75E-5	-9.15E-5
	CC16	-0.0026	0.0169	-0.0689	2.44E-4	-2.78E-5	-9.03E-5
	CC17	-0.0031	0.0110	-0.0748	1.65E-4	-1.89E-5	-5.02E-5
	CC18	0.0055	-0.0118	-0.1275	-1.72E-4	1.97E-5	5.12E-5
	CC19	0.0049	-0.0177	-0.1335	-2.51E-4	2.87E-5	9.13E-5
	CC20	0.0011	-0.0175	-0.1173	-2.48E-4	2.84E-5	9.25E-5
	CC21	0.0006	-0.0234	-0.1233	-3.27E-4	3.74E-5	1.33E-4
587	CC1	0.0022	-0.0009	-0.1063	-3.51E-6	4.01E-7	1.39E-6
	CC2	0.0022	-0.0009	-0.1063	-3.51E-6	4.01E-7	1.39E-6
	CC3	0.0022	-0.0009	-0.1063	-3.51E-6	4.01E-7	1.39E-6
	CC4	0.0021	-0.0008	-0.1038	-3.08E-6	3.52E-7	1.10E-6
	CC5	0.0021	-0.0008	-0.1038	-3.08E-6	3.52E-7	1.10E-6
	CC6	0.0200	0.0349	-0.1115	2.46E-4	-2.81E-5	-7.90E-5
	CC7	0.0194	0.0309	-0.1139	2.18E-4	-2.49E-5	-6.94E-5
	CC8	0.0209	0.0102	-0.1307	7.05E-5	-8.05E-6	-4.22E-5
	CC9	0.0203	0.0062	-0.1331	4.27E-5	-4.88E-6	-3.26E-5
	CC10	-0.0161	-0.0078	-0.0729	-4.86E-5	5.55E-6	3.46E-5
	CC11	-0.0167	-0.0118	-0.0753	-7.63E-5	8.73E-6	4.42E-5
	CC12	-0.0152	-0.0324	-0.0921	-2.24E-4	2.56E-5	7.14E-5
	CC13	-0.0158	-0.0365	-0.0946	-2.52E-4	2.88E-5	8.10E-5
	CC14	0.0071	0.0534	-0.0727	3.80E-4	-4.34E-5	-9.32E-5
	CC15	0.0050	0.0401	-0.0807	2.88E-4	-3.29E-5	-6.15E-5

	CC16	-0.0038	0.0405	-0.0612	2.91E-4	-3.33E-5	-5.91E-5
	CC17	-0.0059	0.0273	-0.0691	1.99E-4	-2.28E-5	-2.75E-5
	CC18	0.0101	-0.0288	-0.1369	-2.05E-4	2.35E-5	2.95E-5
	CC19	0.0080	-0.0421	-0.1449	-2.97E-4	3.40E-5	6.11E-5
	CC20	-0.0008	-0.0416	-0.1253	-2.94E-4	3.36E-5	6.35E-5
	CC21	-0.0029	-0.0549	-0.1333	-3.86E-4	4.41E-5	9.52E-5
588	CC1	0.0027	-0.0014	-0.1080	-7.54E-6	8.62E-7	4.80E-6
	CC2	0.0027	-0.0014	-0.1080	-7.54E-6	8.62E-7	4.80E-6
	CC3	0.0027	-0.0014	-0.1080	-7.54E-6	8.62E-7	4.80E-6
	CC4	0.0026	-0.0013	-0.1055	-6.89E-6	7.87E-7	4.39E-6
	CC5	0.0026	-0.0013	-0.1055	-6.89E-6	7.87E-7	4.39E-6
	CC6	0.0345	0.0558	-0.1134	2.43E-4	-2.78E-5	-3.62E-5
	CC7	0.0333	0.0494	-0.1164	2.16E-4	-2.46E-5	-3.10E-5
	CC8	0.0341	0.0157	-0.1370	6.65E-5	-7.60E-6	-2.91E-5
	CC9	0.0328	0.0093	-0.1400	3.86E-5	-4.42E-6	-2.40E-5
	CC10	-0.0277	-0.0119	-0.0693	-5.20E-5	5.94E-6	3.25E-5
	CC11	-0.0289	-0.0182	-0.0723	-7.98E-5	9.12E-6	3.77E-5
	CC12	-0.0281	-0.0519	-0.0929	-2.29E-4	2.62E-5	3.95E-5
	CC13	-0.0293	-0.0583	-0.0958	-2.57E-4	2.94E-5	4.47E-5
	CC14	0.0147	0.0862	-0.0671	3.79E-4	-4.33E-5	-2.63E-5
	CC15	0.0106	0.0651	-0.0768	2.87E-4	-3.28E-5	-9.23E-6
	CC16	-0.0039	0.0659	-0.0538	2.90E-4	-3.32E-5	-5.65E-6
	CC17	-0.0081	0.0448	-0.0636	1.98E-4	-2.26E-5	1.14E-5
	CC18	0.0132	-0.0473	-0.1457	-2.11E-4	2.41E-5	-2.85E-6
	CC19	0.0091	-0.0685	-0.1554	-3.03E-4	3.47E-5	1.42E-5
	CC20	-0.0054	-0.0676	-0.1324	-3.00E-4	3.43E-5	1.78E-5
	CC21	-0.0095	-0.0887	-0.1422	-3.92E-4	4.48E-5	3.48E-5
589	CC1	0.0010	-0.0003	-0.1034	-2.49E-6	2.55E-7	3.26E-6
	CC2	0.0010	-0.0003	-0.1034	-2.49E-6	2.55E-7	3.26E-6
	CC3	0.0010	-0.0003	-0.1034	-2.49E-6	2.55E-7	3.26E-6
	CC4	0.0010	-0.0002	-0.1011	-2.18E-6	2.22E-7	3.03E-6
	CC5	0.0010	-0.0002	-0.1011	-2.18E-6	2.22E-7	3.03E-6
	CC6	0.0093	0.0152	-0.1278	2.03E-4	-2.08E-5	-9.17E-5
	CC7	0.0091	0.0135	-0.1264	1.80E-4	-1.84E-5	-8.05E-5
	CC8	0.0084	0.0050	-0.1188	5.82E-5	-5.95E-6	-3.99E-5
	CC9	0.0082	0.0032	-0.1175	3.52E-5	-3.60E-6	-2.87E-5
	CC10	-0.0061	-0.0037	-0.0832	-3.94E-5	4.03E-6	3.46E-5
	CC11	-0.0064	-0.0054	-0.0818	-6.23E-5	6.37E-6	4.58E-5
	CC12	-0.0071	-0.0139	-0.0743	-1.84E-4	1.89E-5	8.64E-5
	CC13	-0.0073	-0.0157	-0.0729	-2.07E-4	2.12E-5	9.76E-5
	CC14	0.0052	0.0226	-0.1242	3.14E-4	-3.21E-5	-1.21E-4
	CC15	0.0045	0.0168	-0.1196	2.38E-4	-2.43E-5	-8.38E-5
	CC16	0.0006	0.0169	-0.1109	2.41E-4	-2.47E-5	-8.29E-5
	CC17	-0.0002	0.0111	-0.1063	1.65E-4	-1.69E-5	-4.59E-5
	CC18	0.0022	-0.0116	-0.0944	-1.69E-4	1.73E-5	5.18E-5
	CC19	0.0014	-0.0174	-0.0898	-2.45E-4	2.51E-5	8.88E-5
	CC20	-0.0025	-0.0172	-0.0810	-2.42E-4	2.48E-5	8.97E-5
	CC21	-0.0032	-0.0231	-0.0765	-3.18E-4	3.25E-5	1.27E-4
590	CC1	0.0019	-0.0007	-0.1049	-4.77E-6	4.88E-7	5.25E-6
	CC2	0.0019	-0.0007	-0.1049	-4.77E-6	4.88E-7	5.25E-6
	CC3	0.0019	-0.0007	-0.1049	-4.77E-6	4.88E-7	5.25E-6
	CC4	0.0018	-0.0006	-0.1026	-4.28E-6	4.38E-7	4.91E-6
	CC5	0.0018	-0.0006	-0.1026	-4.28E-6	4.38E-7	4.91E-6
	CC6	0.0203	0.0350	-0.1341	2.46E-4	-2.52E-5	-7.02E-5
	CC7	0.0199	0.0310	-0.1322	2.18E-4	-2.23E-5	-6.13E-5
	CC8	0.0195	0.0104	-0.1216	6.87E-5	-7.02E-6	-3.54E-5
	CC9	0.0191	0.0064	-0.1197	4.08E-5	-4.17E-6	-2.65E-5
	CC10	-0.0155	-0.0076	-0.0839	-4.90E-5	5.01E-6	3.61E-5
	CC11	-0.0159	-0.0116	-0.0820	-7.69E-5	7.87E-6	4.50E-5
	CC12	-0.0163	-0.0322	-0.0714	-2.26E-4	2.31E-5	7.09E-5
	CC13	-0.0167	-0.0362	-0.0695	-2.54E-4	2.60E-5	7.98E-5
	CC14	0.0091	0.0534	-0.1333	3.82E-4	-3.90E-5	-8.39E-5
	CC15	0.0080	0.0401	-0.1270	2.89E-4	-2.96E-5	-5.43E-5
	CC16	-0.0016	0.0406	-0.1183	2.93E-4	-3.00E-5	-5.20E-5
	CC17	-0.0028	0.0274	-0.1119	2.01E-4	-2.06E-5	-2.24E-5
	CC18	0.0064	-0.0285	-0.0917	-2.09E-4	2.14E-5	3.20E-5
	CC19	0.0052	-0.0418	-0.0853	-3.01E-4	3.08E-5	6.16E-5
	CC20	-0.0044	-0.0413	-0.0766	-2.98E-4	3.04E-5	6.39E-5
	CC21	-0.0055	-0.0546	-0.0703	-3.90E-4	3.99E-5	9.35E-5
591	CC1	0.0024	-0.0012	-0.1062	-5.40E-6	5.53E-7	1.68E-6
	CC2	0.0024	-0.0012	-0.1062	-5.40E-6	5.53E-7	1.68E-6
	CC3	0.0024	-0.0012	-0.1062	-5.40E-6	5.53E-7	1.68E-6

	CC4	0.0023	-0.0010	-0.1039	-4.80E-6	4.91E-7	1.40E-6
	CC5	0.0023	-0.0010	-0.1039	-4.80E-6	4.91E-7	1.40E-6
	CC6	0.0323	0.0564	-0.1393	2.44E-4	-2.50E-5	-4.09E-5
	CC7	0.0319	0.0500	-0.1369	2.17E-4	-2.22E-5	-3.56E-5
	CC8	0.0320	0.0162	-0.1234	6.66E-5	-6.81E-6	-3.27E-5
	CC9	0.0316	0.0098	-0.1210	3.90E-5	-3.99E-6	-2.74E-5
	CC10	-0.0269	-0.0118	-0.0851	-4.82E-5	4.93E-6	3.00E-5
	CC11	-0.0273	-0.0182	-0.0827	-7.58E-5	7.75E-6	3.53E-5
	CC12	-0.0273	-0.0520	-0.0693	-2.26E-4	2.31E-5	3.82E-5
	CC13	-0.0277	-0.0584	-0.0668	-2.53E-4	2.59E-5	4.35E-5
	CC14	0.0125	0.0869	-0.1417	3.81E-4	-3.90E-5	-3.18E-5
	CC15	0.0111	0.0656	-0.1337	2.90E-4	-2.96E-5	-1.42E-5
	CC16	-0.0053	0.0664	-0.1254	2.93E-4	-3.00E-5	-1.06E-5
	CC17	-0.0067	0.0451	-0.1174	2.02E-4	-2.07E-5	7.09E-6
	CC18	0.0113	-0.0472	-0.0887	-2.11E-4	2.16E-5	-4.49E-6
	CC19	0.0100	-0.0685	-0.0807	-3.03E-4	3.09E-5	1.32E-5
	CC20	-0.0065	-0.0676	-0.0724	-2.99E-4	3.06E-5	1.68E-5
	CC21	-0.0078	-0.0889	-0.0645	-3.90E-4	3.99E-5	3.44E-5
592	CC1	-0.0004	-0.0008	-0.0916	-1.38E-5	0.00E+0	-6.03E-6
	CC2	-0.0004	-0.0008	-0.0916	-1.38E-5	0.00E+0	-6.03E-6
	CC3	-0.0004	-0.0008	-0.0916	-1.38E-5	0.00E+0	-6.03E-6
	CC4	-0.0003	-0.0007	-0.0889	-1.28E-5	0.00E+0	-5.65E-6
	CC5	-0.0003	-0.0007	-0.0889	-1.28E-5	0.00E+0	-5.65E-6
	CC6	0.0267	0.0236	-0.0831	4.63E-5	2.84E-29	-3.76E-5
	CC7	0.0274	0.0233	-0.0825	4.42E-5	2.84E-29	-3.39E-5
	CC8	0.0271	-0.0092	-0.0704	-1.52E-4	1.12E-29	-2.07E-5
	CC9	0.0279	-0.0095	-0.0699	-1.54E-4	1.12E-29	-1.71E-5
	CC10	-0.0285	0.0080	-0.1062	1.29E-4	-1.12E-29	6.02E-6
	CC11	-0.0277	0.0077	-0.1057	1.27E-4	-1.12E-29	9.70E-6
	CC12	-0.0280	-0.0248	-0.0936	-6.91E-5	-2.84E-29	2.28E-5
	CC13	-0.0273	-0.0251	-0.0930	-7.12E-5	-2.84E-29	2.65E-5
	CC14	0.0059	0.0568	-0.1066	3.09E-4	3.45E-29	-4.62E-5
	CC15	0.0085	0.0558	-0.1047	3.01E-4	3.45E-29	-3.40E-5
	CC16	-0.0106	0.0521	-0.1135	3.33E-4	2.26E-29	-3.31E-5
	CC17	-0.0081	0.0511	-0.1116	3.26E-4	2.26E-29	-2.09E-5
	CC18	0.0075	-0.0525	-0.0644	-3.51E-4	-2.26E-29	9.86E-6
	CC19	0.0100	-0.0535	-0.0626	-3.58E-4	-2.26E-29	2.20E-5
	CC20	-0.0091	-0.0572	-0.0714	-3.26E-4	-3.45E-29	2.29E-5
	CC21	-0.0065	-0.0582	-0.0695	-3.33E-4	-3.45E-29	3.51E-5
593	CC1	-0.0004	-0.0002	-0.0906	-2.27E-6	0.00E+0	-1.55E-6
	CC2	-0.0004	-0.0002	-0.0906	-2.27E-6	0.00E+0	-1.55E-6
	CC3	-0.0004	-0.0002	-0.0906	-2.27E-6	0.00E+0	-1.55E-6
	CC4	-0.0003	-0.0002	-0.0879	-2.03E-6	0.00E+0	-1.40E-6
	CC5	-0.0003	-0.0002	-0.0879	-2.03E-6	0.00E+0	-1.40E-6
	CC6	0.0168	0.0123	-0.0827	1.28E-4	9.79E-3	-1.48E-5
	CC7	0.0173	0.0121	-0.0822	1.27E-4	9.79E-3	-1.31E-5
	CC8	0.0162	-0.0040	-0.0722	-4.79E-5	3.83E-3	-1.34E-5
	CC9	0.0167	-0.0042	-0.0717	-4.96E-5	3.83E-3	-1.17E-5
	CC10	-0.0173	0.0039	-0.1025	4.57E-5	-3.83E-3	8.97E-6
	CC11	-0.0168	0.0037	-0.1019	4.40E-5	-3.83E-3	1.07E-5
	CC12	-0.0179	-0.0124	-0.0919	-1.31E-4	-9.79E-3	1.04E-5
	CC13	-0.0174	-0.0126	-0.0914	-1.32E-4	-9.79E-3	1.21E-5
	CC14	0.0050	0.0285	-0.1026	3.07E-4	1.20E-29	-1.01E-5
	CC15	0.0066	0.0281	-0.1008	3.01E-4	1.20E-29	-4.40E-6
	CC16	-0.0052	0.0260	-0.1085	2.82E-4	7.89E-3	-2.94E-6
	CC17	-0.0036	0.0256	-0.1068	2.77E-4	7.89E-3	2.73E-6
	CC18	0.0030	-0.0259	-0.0674	-2.80E-4	-7.89E-3	-5.44E-6
	CC19	0.0046	-0.0263	-0.0657	-2.86E-4	-7.89E-3	2.25E-7
	CC20	-0.0072	-0.0284	-0.0733	-3.05E-4	-1.20E-29	1.69E-6
	CC21	-0.0056	-0.0288	-0.0716	-3.11E-4	-1.20E-29	7.35E-6
594	CC1	-0.0002	0.0000	-0.0895	-8.34E-7	0.00E+0	-7.41E-8
	CC2	-0.0002	0.0000	-0.0895	-8.34E-7	0.00E+0	-7.41E-8
	CC3	-0.0002	0.0000	-0.0895	-8.34E-7	0.00E+0	-7.41E-8
	CC4	-0.0002	0.0000	-0.0869	-7.79E-7	0.00E+0	-3.44E-8
	CC5	-0.0002	0.0000	-0.0869	-7.79E-7	0.00E+0	-3.44E-8
	CC6	0.0079	0.0034	-0.0823	7.63E-5	6.72E-3	-3.18E-6
	CC7	0.0081	0.0034	-0.0819	7.56E-5	6.72E-3	-2.71E-6
	CC8	0.0071	-0.0010	-0.0740	-2.26E-5	2.66E-3	-5.15E-6
	CC9	0.0073	-0.0010	-0.0735	-2.33E-5	2.66E-3	-4.67E-6
	CC10	-0.0078	0.0010	-0.0985	2.18E-5	-2.66E-3	4.63E-6
	CC11	-0.0075	0.0009	-0.0981	2.11E-5	-2.66E-3	5.10E-6
	CC12	-0.0085	-0.0034	-0.0902	-7.71E-5	-6.72E-3	2.66E-6

	CC13	-0.0083	-0.0034	-0.0897	-7.78E-5	-6.72E-3	3.14E-6
	CC14	0.0030	0.0077	-0.0983	1.73E-4	8.18E-3	1.30E-6
	CC15	0.0038	0.0076	-0.0967	1.71E-4	8.18E-3	2.87E-6
	CC16	-0.0017	0.0069	-0.1031	1.57E-4	5.37E-3	3.65E-6
	CC17	-0.0009	0.0069	-0.1016	1.55E-4	5.37E-3	5.21E-6
	CC18	0.0005	-0.0069	-0.0705	-1.56E-4	-5.37E-3	-5.26E-6
	CC19	0.0013	-0.0070	-0.0689	-1.58E-4	-5.37E-3	-3.69E-6
	CC20	-0.0042	-0.0076	-0.0753	-1.73E-4	-8.18E-3	-2.91E-6
	CC21	-0.0034	-0.0077	-0.0738	-1.75E-4	-8.18E-3	-1.35E-6
595	CC1	-0.0003	0.0000	-0.0894	-9.68E-7	0.00E+0	-4.69E-7
	CC2	-0.0003	0.0000	-0.0894	-9.68E-7	0.00E+0	-4.69E-7
	CC3	-0.0003	0.0000	-0.0894	-9.68E-7	0.00E+0	-4.69E-7
	CC4	-0.0003	0.0000	-0.0868	-8.43E-7	0.00E+0	-4.13E-7
	CC5	-0.0003	0.0000	-0.0868	-8.43E-7	0.00E+0	-4.13E-7
	CC6	0.0078	0.0007	-0.0802	1.68E-5	1.41E-29	-3.62E-6
	CC7	0.0081	0.0007	-0.0797	1.70E-5	1.41E-29	-3.18E-6
	CC8	0.0070	-0.0038	-0.0713	-8.67E-5	5.60E-3	-3.87E-6
	CC9	0.0072	-0.0038	-0.0708	-8.65E-5	5.60E-3	-3.43E-6
	CC10	-0.0077	0.0037	-0.1012	8.49E-5	-5.60E-3	2.64E-6
	CC11	-0.0075	0.0037	-0.1007	8.51E-5	-5.60E-3	3.08E-6
	CC12	-0.0086	-0.0008	-0.0923	-1.86E-5	-1.41E-29	2.39E-6
	CC13	-0.0084	-0.0008	-0.0917	-1.85E-5	-1.41E-29	2.83E-6
	CC14	0.0032	0.0070	-0.0986	1.61E-4	1.70E-29	-1.66E-6
	CC15	0.0039	0.0070	-0.0968	1.62E-4	1.70E-29	-1.85E-7
	CC16	-0.0015	0.0079	-0.1049	1.82E-4	1.11E-29	2.19E-7
	CC17	-0.0007	0.0079	-0.1031	1.82E-4	1.11E-29	1.69E-6
	CC18	0.0002	-0.0080	-0.0688	-1.84E-4	-1.11E-29	-2.48E-6
	CC19	0.0010	-0.0080	-0.0671	-1.83E-4	-1.11E-29	-1.01E-6
	CC20	-0.0045	-0.0071	-0.0751	-1.63E-4	-1.70E-29	-6.05E-7
	CC21	-0.0037	-0.0071	-0.0734	-1.63E-4	-1.70E-29	8.69E-7
596	CC1	-0.0003	0.0000	-0.0894	-1.13E-6	0.00E+0	8.88E-7
	CC2	-0.0003	0.0000	-0.0894	-1.13E-6	0.00E+0	8.88E-7
	CC3	-0.0003	0.0000	-0.0894	-1.13E-6	0.00E+0	8.88E-7
	CC4	-0.0003	0.0000	-0.0868	-8.99E-7	0.00E+0	9.35E-7
	CC5	-0.0003	0.0000	-0.0868	-8.99E-7	0.00E+0	9.35E-7
	CC6	0.0078	0.0005	-0.0779	1.07E-5	2.72E-29	-1.14E-6
	CC7	0.0080	0.0006	-0.0774	1.21E-5	2.72E-29	-3.31E-7
	CC8	0.0069	-0.0048	-0.0683	-1.07E-4	1.08E-29	-2.19E-5
	CC9	0.0071	-0.0047	-0.0677	-1.06E-4	1.08E-29	-2.11E-5
	CC10	-0.0078	0.0047	-0.1042	1.04E-4	-1.08E-29	2.30E-5
	CC11	-0.0075	0.0047	-0.1037	1.06E-4	-1.08E-29	2.38E-5
	CC12	-0.0086	-0.0006	-0.0946	-1.38E-5	-2.72E-29	2.23E-6
	CC13	-0.0084	-0.0006	-0.0940	-1.24E-5	-2.72E-29	3.04E-6
	CC14	0.0030	0.0080	-0.0991	1.80E-4	3.29E-29	3.05E-5
	CC15	0.0038	0.0082	-0.0972	1.84E-4	3.29E-29	3.32E-5
	CC16	-0.0016	0.0093	-0.1070	2.08E-4	2.15E-29	3.78E-5
	CC17	-0.0008	0.0095	-0.1051	2.13E-4	2.15E-29	4.04E-5
	CC18	0.0002	-0.0095	-0.0669	-2.14E-4	-2.15E-29	-3.85E-5
	CC19	0.0010	-0.0093	-0.0649	-2.10E-4	-2.15E-29	-3.59E-5
	CC20	-0.0044	-0.0083	-0.0748	-1.86E-4	-3.29E-29	-3.13E-5
	CC21	-0.0036	-0.0081	-0.0728	-1.82E-4	-3.29E-29	-2.86E-5
597	CC1	-0.0005	-0.0012	-0.0913	-1.27E-5	0.00E+0	-1.97E-6
	CC2	-0.0005	-0.0012	-0.0913	-1.27E-5	0.00E+0	-1.97E-6
	CC3	-0.0005	-0.0012	-0.0913	-1.27E-5	0.00E+0	-1.97E-6
	CC4	-0.0004	-0.0011	-0.0887	-1.18E-5	0.00E+0	-1.77E-6
	CC5	-0.0004	-0.0011	-0.0887	-1.18E-5	0.00E+0	-1.77E-6
	CC6	0.0268	0.0052	-0.0797	3.65E-5	1.41E-29	-2.77E-5
	CC7	0.0276	0.0052	-0.0790	3.58E-5	1.41E-29	-2.43E-5
	CC8	0.0271	-0.0269	-0.0648	-1.61E-4	5.60E-3	-2.91E-5
	CC9	0.0279	-0.0269	-0.0641	-1.62E-4	5.60E-3	-2.58E-5
	CC10	-0.0287	0.0249	-0.1115	1.39E-4	-5.60E-3	2.24E-5
	CC11	-0.0279	0.0249	-0.1108	1.38E-4	-5.60E-3	2.57E-5
	CC12	-0.0283	-0.0073	-0.0965	-5.89E-5	-1.41E-29	2.09E-5
	CC13	-0.0275	-0.0073	-0.0959	-5.96E-5	-1.41E-29	2.43E-5
	CC14	0.0060	0.0496	-0.1090	3.04E-4	1.71E-29	-1.23E-5
	CC15	0.0086	0.0496	-0.1069	3.02E-4	1.71E-29	-1.10E-6
	CC16	-0.0106	0.0555	-0.1186	3.35E-4	1.12E-29	2.67E-6
	CC17	-0.0080	0.0555	-0.1164	3.33E-4	1.12E-29	1.39E-5
	CC18	0.0073	-0.0576	-0.0592	-3.56E-4	-1.12E-29	-1.73E-5
	CC19	0.0098	-0.0575	-0.0570	-3.58E-4	-1.12E-29	-6.07E-6
	CC20	-0.0094	-0.0517	-0.0687	-3.25E-4	-1.71E-29	-2.30E-6
	CC21	-0.0068	-0.0516	-0.0665	-3.27E-4	-1.71E-29	8.93E-6

598	CC1	-0.0004	-0.0003	-0.0904	-6.03E-6	0.00E+0	-1.72E-6
	CC2	-0.0004	-0.0003	-0.0904	-6.03E-6	0.00E+0	-1.72E-6
	CC3	-0.0004	-0.0003	-0.0904	-6.03E-6	0.00E+0	-1.72E-6
	CC4	-0.0004	-0.0003	-0.0878	-5.55E-6	0.00E+0	-1.52E-6
	CC5	-0.0004	-0.0003	-0.0878	-5.55E-6	0.00E+0	-1.52E-6
	CC6	0.0169	0.0132	-0.0800	1.30E-4	1.49E-29	-1.44E-5
	CC7	0.0174	0.0132	-0.0794	1.30E-4	1.49E-29	-1.26E-5
	CC8	0.0161	-0.0032	-0.0679	-3.64E-5	5.88E-3	-1.92E-5
	CC9	0.0166	-0.0032	-0.0673	-3.62E-5	5.88E-3	-1.74E-5
	CC10	-0.0174	0.0026	-0.1065	2.54E-5	-5.88E-3	1.44E-5
	CC11	-0.0169	0.0026	-0.1059	2.56E-5	-5.88E-3	1.63E-5
	CC12	-0.0182	-0.0138	-0.0945	-1.41E-4	-1.49E-29	9.70E-6
	CC13	-0.0177	-0.0138	-0.0939	-1.41E-4	-1.49E-29	1.15E-5
	CC14	0.0052	0.0285	-0.1040	2.88E-4	1.82E-29	-8.89E-7
	CC15	0.0068	0.0286	-0.1020	2.88E-4	1.82E-29	5.16E-6
	CC16	-0.0051	0.0254	-0.1120	2.56E-4	1.19E-29	7.77E-6
	CC17	-0.0035	0.0255	-0.1100	2.57E-4	1.19E-29	1.38E-5
	CC18	0.0027	-0.0260	-0.0638	-2.68E-4	-1.19E-29	-1.67E-5
	CC19	0.0043	-0.0259	-0.0619	-2.67E-4	-1.19E-29	-1.07E-5
	CC20	-0.0076	-0.0292	-0.0718	-2.99E-4	-1.82E-29	-8.07E-6
	CC21	-0.0060	-0.0291	-0.0698	-2.98E-4	-1.82E-29	-2.02E-6
599	CC1	-0.0005	-0.0004	-0.0903	-7.02E-6	0.00E+0	3.11E-7
	CC2	-0.0005	-0.0004	-0.0903	-7.02E-6	0.00E+0	3.11E-7
	CC3	-0.0005	-0.0004	-0.0903	-7.02E-6	0.00E+0	3.11E-7
	CC4	-0.0005	-0.0003	-0.0877	-6.47E-6	0.00E+0	4.22E-7
	CC5	-0.0005	-0.0003	-0.0877	-6.47E-6	0.00E+0	4.22E-7
	CC6	0.0170	0.0016	-0.0768	1.40E-5	2.09E-29	-9.58E-6
	CC7	0.0175	0.0018	-0.0761	1.55E-5	2.09E-29	-7.72E-6
	CC8	0.0164	-0.0160	-0.0627	-1.49E-4	8.22E-3	-3.00E-5
	CC9	0.0169	-0.0158	-0.0620	-1.47E-4	8.22E-3	-2.82E-5
	CC10	-0.0179	0.0152	-0.1117	1.35E-4	-8.22E-3	2.91E-5
	CC11	-0.0174	0.0154	-0.1110	1.36E-4	-8.22E-3	3.10E-5
	CC12	-0.0185	-0.0024	-0.0976	-2.81E-5	-2.09E-29	8.64E-6
	CC13	-0.0180	-0.0022	-0.0969	-2.66E-5	-2.09E-29	1.05E-5
	CC14	0.0049	0.0267	-0.1062	2.44E-4	2.54E-29	2.57E-5
	CC15	0.0065	0.0273	-0.1040	2.49E-4	2.54E-29	3.18E-5
	CC16	-0.0056	0.0308	-0.1167	2.80E-4	1.67E-29	3.73E-5
	CC17	-0.0039	0.0314	-0.1144	2.85E-4	1.67E-29	4.34E-5
	CC18	0.0030	-0.0320	-0.0592	-2.98E-4	-1.67E-29	-4.25E-5
	CC19	0.0046	-0.0314	-0.0570	-2.93E-4	-1.67E-29	-3.64E-5
	CC20	-0.0075	-0.0279	-0.0697	-2.62E-4	-2.54E-29	-3.09E-5
	CC21	-0.0058	-0.0273	-0.0674	-2.57E-4	-2.54E-29	-2.48E-5
600	CC1	-0.0006	-0.0013	-0.0911	-1.31E-5	0.00E+0	-9.26E-8
	CC2	-0.0006	-0.0013	-0.0911	-1.31E-5	0.00E+0	-9.26E-8
	CC3	-0.0006	-0.0013	-0.0911	-1.31E-5	0.00E+0	-9.26E-8
	CC4	-0.0005	-0.0012	-0.0885	-1.22E-5	0.00E+0	2.66E-8
	CC5	-0.0005	-0.0012	-0.0885	-1.22E-5	0.00E+0	2.66E-8
	CC6	0.0269	0.0031	-0.0759	2.05E-5	1.16E-3	-2.02E-5
	CC7	0.0277	0.0034	-0.0751	2.14E-5	1.16E-3	-1.71E-5
	CC8	0.0273	-0.0296	-0.0578	-1.62E-4	4.55E-31	-3.05E-5
	CC9	0.0281	-0.0293	-0.0570	-1.61E-4	4.55E-31	-2.75E-5
	CC10	-0.0291	0.0270	-0.1182	1.37E-4	-4.55E-31	2.76E-5
	CC11	-0.0283	0.0273	-0.1175	1.38E-4	-4.55E-31	3.07E-5
	CC12	-0.0286	-0.0056	-0.1001	-4.53E-5	-1.16E-3	1.73E-5
	CC13	-0.0278	-0.0053	-0.0993	-4.44E-5	-1.16E-3	2.03E-5
	CC14	0.0059	0.0492	-0.1128	2.73E-4	1.42E-3	5.16E-6
	CC15	0.0085	0.0502	-0.1102	2.76E-4	1.42E-3	1.52E-5
	CC16	-0.0109	0.0564	-0.1255	3.08E-4	9.39E-31	1.95E-5
	CC17	-0.0083	0.0574	-0.1229	3.11E-4	9.39E-31	2.95E-5
	CC18	0.0074	-0.0596	-0.0523	-3.35E-4	-9.39E-31	-2.94E-5
	CC19	0.0100	-0.0586	-0.0497	-3.32E-4	-9.39E-31	-1.94E-5
	CC20	-0.0094	-0.0524	-0.0650	-3.00E-4	-1.42E-3	-1.50E-5
	CC21	-0.0068	-0.0514	-0.0624	-2.97E-4	-1.42E-3	-5.03E-6
601	CC1	-0.0011	-0.0003	-0.0872	0.00E+0	9.48E-6	4.07E-6
	CC2	-0.0011	-0.0003	-0.0872	0.00E+0	9.48E-6	4.07E-6
	CC3	-0.0011	-0.0003	-0.0872	0.00E+0	9.48E-6	4.07E-6
	CC4	-0.0011	-0.0002	-0.0852	0.00E+0	9.03E-6	3.81E-6
	CC5	-0.0011	-0.0002	-0.0852	0.00E+0	9.03E-6	3.81E-6
	CC6	0.0077	-0.0229	-0.0657	1.74E-29	-9.12E-5	5.10E-5
	CC7	0.0071	-0.0198	-0.0678	1.74E-29	-8.78E-5	4.43E-5
	CC8	0.0090	-0.0325	-0.0593	6.92E-3	-9.67E-5	7.59E-5
	CC9	0.0084	-0.0293	-0.0614	6.92E-3	-9.33E-5	6.92E-5

	CC10	-0.0105	0.0289	-0.1076	-6.92E-3	1.11E-4	-6.17E-5
	CC11	-0.0111	0.0321	-0.1097	-6.92E-3	1.14E-4	-6.84E-5
	CC12	-0.0092	0.0193	-0.1012	-1.74E-29	1.06E-4	-3.69E-5
	CC13	-0.0098	0.0225	-0.1033	-1.74E-29	1.09E-4	-4.35E-5
	CC14	0.0005	0.0027	-0.0855	2.12E-29	-1.80E-5	-9.77E-6
	CC15	-0.0015	0.0132	-0.0923	2.12E-29	-6.77E-6	-3.19E-5
	CC16	-0.0049	0.0183	-0.0981	1.39E-29	4.27E-5	-4.36E-5
	CC17	-0.0070	0.0287	-0.1049	1.39E-29	5.39E-5	-6.57E-5
	CC18	0.0049	-0.0292	-0.0641	-1.39E-29	-3.61E-5	7.32E-5
	CC19	0.0028	-0.0187	-0.0709	-1.39E-29	-2.49E-5	5.10E-5
	CC20	-0.0006	-0.0136	-0.0767	-2.12E-29	2.45E-5	3.93E-5
	CC21	-0.0027	-0.0032	-0.0835	-2.12E-29	3.57E-5	1.72E-5
602	CC1	-0.0015	-0.0003	-0.0877	0.00E+0	1.35E-5	2.64E-6
	CC2	-0.0015	-0.0003	-0.0877	0.00E+0	1.35E-5	2.64E-6
	CC3	-0.0015	-0.0003	-0.0877	0.00E+0	1.35E-5	2.64E-6
	CC4	-0.0014	-0.0003	-0.0857	0.00E+0	1.26E-5	2.34E-6
	CC5	-0.0014	-0.0003	-0.0857	0.00E+0	1.26E-5	2.34E-6
	CC6	0.0068	-0.0230	-0.0694	1.81E-29	-9.10E-5	4.22E-5
	CC7	0.0068	-0.0199	-0.0697	1.81E-29	-8.79E-5	3.64E-5
	CC8	0.0058	-0.0326	-0.0697	7.10E-3	-8.87E-5	6.31E-5
	CC9	0.0058	-0.0294	-0.0700	7.10E-3	-8.55E-5	5.73E-5
	CC10	-0.0085	0.0289	-0.1000	-7.10E-3	1.10E-4	-5.28E-5
	CC11	-0.0085	0.0320	-0.1003	-7.10E-3	1.13E-4	-5.86E-5
	CC12	-0.0095	0.0193	-0.1004	-1.81E-29	1.13E-4	-3.19E-5
	CC13	-0.0095	0.0225	-0.1006	-1.81E-29	1.16E-4	-3.77E-5
	CC14	0.0026	0.0026	-0.0794	2.21E-29	-2.70E-5	-8.79E-6
	CC15	0.0026	0.0131	-0.0803	2.21E-29	-1.66E-5	-2.80E-5
	CC16	-0.0020	0.0182	-0.0886	1.46E-29	3.34E-5	-3.73E-5
	CC17	-0.0020	0.0287	-0.0895	1.46E-29	4.38E-5	-5.65E-5
	CC18	-0.0007	-0.0293	-0.0805	-1.46E-29	-1.91E-5	6.10E-5
	CC19	-0.0007	-0.0188	-0.0814	-1.46E-29	-8.63E-6	4.18E-5
	CC20	-0.0053	-0.0137	-0.0897	-2.21E-29	4.13E-5	3.25E-5
	CC21	-0.0053	-0.0032	-0.0906	-2.21E-29	5.18E-5	1.33E-5
603	CC1	-0.0021	-0.0015	-0.0886	0.00E+0	2.05E-6	6.75E-6
	CC2	-0.0021	-0.0015	-0.0886	0.00E+0	2.05E-6	6.75E-6
	CC3	-0.0021	-0.0015	-0.0886	0.00E+0	2.05E-6	6.75E-6
	CC4	-0.0020	-0.0014	-0.0866	0.00E+0	1.96E-6	6.22E-6
	CC5	-0.0020	-0.0014	-0.0866	0.00E+0	1.96E-6	6.22E-6
	CC6	0.0279	-0.0624	-0.0635	2.86E-29	-1.46E-4	-3.59E-6
	CC7	0.0271	-0.0536	-0.0660	2.86E-29	-1.45E-4	-2.84E-6
	CC8	0.0288	-0.0908	-0.0555	1.14E-29	-1.38E-4	7.60E-6
	CC9	0.0279	-0.0821	-0.0580	1.14E-29	-1.37E-4	8.35E-6
	CC10	-0.0319	0.0794	-0.1138	-1.14E-29	1.41E-4	3.73E-6
	CC11	-0.0327	0.0881	-0.1164	-1.14E-29	1.42E-4	4.47E-6
	CC12	-0.0310	0.0509	-0.1059	-2.86E-29	1.49E-4	1.49E-5
	CC13	-0.0319	0.0597	-0.1084	-2.86E-29	1.50E-4	1.57E-5
	CC14	0.0070	0.0104	-0.0875	3.47E-29	-5.61E-5	-1.50E-5
	CC15	0.0042	0.0393	-0.0958	3.47E-29	-5.28E-5	-1.25E-5
	CC16	-0.0109	0.0529	-0.1026	2.27E-29	3.01E-5	-1.28E-5
	CC17	-0.0138	0.0818	-0.1110	2.27E-29	3.34E-5	-1.03E-5
	CC18	0.0098	-0.0845	-0.0609	-2.27E-29	-2.95E-5	2.24E-5
	CC19	0.0070	-0.0556	-0.0692	-2.27E-29	-2.63E-5	2.48E-5
	CC20	-0.0081	-0.0420	-0.0760	-3.47E-29	5.67E-5	2.46E-5
	CC21	-0.0110	-0.0131	-0.0843	-3.47E-29	6.00E-5	2.70E-5
604	CC1	-0.0018	-0.0008	-0.0879	0.00E+0	5.72E-6	6.76E-6
	CC2	-0.0018	-0.0008	-0.0879	0.00E+0	5.72E-6	6.76E-6
	CC3	-0.0018	-0.0008	-0.0879	0.00E+0	5.72E-6	6.76E-6
	CC4	-0.0017	-0.0007	-0.0859	0.00E+0	5.37E-6	6.28E-6
	CC5	-0.0017	-0.0007	-0.0859	0.00E+0	5.37E-6	6.28E-6
	CC6	0.0166	-0.0411	-0.0647	1.01E-29	-1.19E-4	2.97E-5
	CC7	0.0158	-0.0354	-0.0669	1.01E-29	-1.18E-4	2.61E-5
	CC8	0.0179	-0.0592	-0.0575	4.00E-3	-1.14E-4	4.96E-5
	CC9	0.0171	-0.0535	-0.0598	4.00E-3	-1.13E-4	4.60E-5
	CC10	-0.0204	0.0521	-0.1107	-4.00E-3	1.23E-4	-3.38E-5
	CC11	-0.0212	0.0578	-0.1130	-4.00E-3	1.24E-4	-3.73E-5
	CC12	-0.0191	0.0340	-0.1035	-1.01E-29	1.29E-4	-1.39E-5
	CC13	-0.0199	0.0397	-0.1058	-1.01E-29	1.30E-4	-1.74E-5
	CC14	0.0031	0.0061	-0.0865	1.23E-29	-4.23E-5	-1.17E-5
	CC15	0.0004	0.0250	-0.0941	1.23E-29	-3.87E-5	-2.34E-5
	CC16	-0.0080	0.0340	-0.1003	8.09E-3	3.05E-5	-3.07E-5
	CC17	-0.0106	0.0530	-0.1079	8.09E-3	3.41E-5	-4.24E-5
	CC18	0.0073	-0.0544	-0.0626	-8.09E-3	-2.36E-5	5.47E-5

	CC19	0.0047	-0.0354	-0.0701	-8.09E-3	-2.00E-5	4.29E-5
	CC20	-0.0038	-0.0264	-0.0764	-1.23E-29	4.92E-5	3.56E-5
	CC21	-0.0064	-0.0075	-0.0840	-1.23E-29	5.28E-5	2.39E-5
605	CC1	-0.0024	-0.0009	-0.0887	0.00E+0	7.97E-6	5.63E-6
	CC2	-0.0024	-0.0009	-0.0887	0.00E+0	7.97E-6	5.63E-6
	CC3	-0.0024	-0.0009	-0.0887	0.00E+0	7.97E-6	5.63E-6
	CC4	-0.0023	-0.0008	-0.0866	0.00E+0	7.43E-6	5.07E-6
	CC5	-0.0023	-0.0008	-0.0866	0.00E+0	7.43E-6	5.07E-6
	CC6	0.0161	-0.0412	-0.0692	2.53E-29	-1.26E-4	2.31E-5
	CC7	0.0157	-0.0355	-0.0692	2.53E-29	-1.20E-4	2.02E-5
	CC8	0.0154	-0.0594	-0.0705	1.02E-29	-1.32E-4	4.01E-5
	CC9	0.0149	-0.0537	-0.0705	1.02E-29	-1.26E-4	3.72E-5
	CC10	-0.0193	0.0521	-0.1013	-1.02E-29	1.41E-4	-2.74E-5
	CC11	-0.0198	0.0578	-0.1014	-1.02E-29	1.47E-4	-3.03E-5
	CC12	-0.0201	0.0339	-0.1026	-2.53E-29	1.35E-4	-1.04E-5
	CC13	-0.0205	0.0396	-0.1027	-2.53E-29	1.41E-4	-1.33E-5
	CC14	0.0051	0.0060	-0.0789	3.04E-29	-3.32E-5	-1.10E-5
	CC15	0.0037	0.0249	-0.0790	3.04E-29	-1.27E-5	-2.06E-5
	CC16	-0.0055	0.0340	-0.0885	1.98E-29	4.69E-5	-2.61E-5
	CC17	-0.0070	0.0529	-0.0887	1.98E-29	6.73E-5	-3.58E-5
	CC18	0.0026	-0.0545	-0.0832	-1.98E-29	-5.28E-5	4.56E-5
	CC19	0.0011	-0.0356	-0.0833	-1.98E-29	-3.24E-5	3.59E-5
	CC20	-0.0081	-0.0265	-0.0928	-3.04E-29	2.72E-5	3.04E-5
	CC21	-0.0095	-0.0076	-0.0930	-3.04E-29	4.77E-5	2.08E-5
606	CC1	-0.0028	-0.0016	-0.0896	0.00E+0	2.15E-6	7.98E-6
	CC2	-0.0028	-0.0016	-0.0896	0.00E+0	2.15E-6	7.98E-6
	CC3	-0.0028	-0.0016	-0.0896	0.00E+0	2.15E-6	7.98E-6
	CC4	-0.0027	-0.0015	-0.0875	0.00E+0	2.07E-6	7.29E-6
	CC5	-0.0027	-0.0015	-0.0875	0.00E+0	2.07E-6	7.29E-6
	CC6	0.0283	-0.0625	-0.0689	2.76E-29	-1.53E-4	-5.38E-6
	CC7	0.0274	-0.0538	-0.0687	2.76E-29	-1.47E-4	-4.03E-6
	CC8	0.0278	-0.0911	-0.0712	1.10E-29	-1.57E-4	3.76E-6
	CC9	0.0269	-0.0823	-0.0710	1.10E-29	-1.51E-4	5.10E-6
	CC10	-0.0321	0.0794	-0.1025	-1.10E-29	1.55E-4	9.03E-6
	CC11	-0.0331	0.0881	-0.1024	-1.10E-29	1.61E-4	1.04E-5
	CC12	-0.0326	0.0509	-0.1049	-2.76E-29	1.51E-4	1.82E-5
	CC13	-0.0336	0.0596	-0.1047	-2.76E-29	1.57E-4	1.95E-5
	CC14	0.0089	0.0103	-0.0782	3.34E-29	-4.71E-5	-1.25E-5
	CC15	0.0056	0.0392	-0.0775	3.34E-29	-2.74E-5	-8.09E-6
	CC16	-0.0093	0.0529	-0.0883	2.18E-29	4.53E-5	-8.23E-6
	CC17	-0.0125	0.0818	-0.0877	2.18E-29	6.51E-5	-3.77E-6
	CC18	0.0073	-0.0847	-0.0859	-2.18E-29	-6.10E-5	1.79E-5
	CC19	0.0040	-0.0558	-0.0853	-2.18E-29	-4.12E-5	2.24E-5
	CC20	-0.0109	-0.0421	-0.0960	-3.34E-29	3.15E-5	2.22E-5
	CC21	-0.0141	-0.0133	-0.0954	-3.34E-29	5.12E-5	2.67E-5
607	CC1	0.0030	-0.0017	-0.1078	2.63E-6	1.12E-5	1.10E-6
	CC2	0.0030	-0.0017	-0.1078	2.63E-6	1.12E-5	1.10E-6
	CC3	0.0030	-0.0017	-0.1078	2.63E-6	1.12E-5	1.10E-6
	CC4	0.0029	-0.0015	-0.1054	2.57E-6	1.09E-5	1.27E-6
	CC5	0.0029	-0.0015	-0.1054	2.57E-6	1.09E-5	1.27E-6
	CC6	0.0332	0.0603	-0.1246	2.54E-5	-1.18E-4	2.57E-5
	CC7	0.0324	0.0533	-0.1263	2.34E-5	-1.15E-4	3.11E-5
	CC8	0.0355	0.0187	-0.1423	3.30E-6	-1.25E-4	4.39E-5
	CC9	0.0347	0.0117	-0.1440	1.34E-6	-1.22E-4	4.92E-5
	CC10	-0.0290	-0.0146	-0.0651	3.75E-6	1.43E-4	-4.65E-5
	CC11	-0.0298	-0.0216	-0.0668	1.79E-6	1.47E-4	-4.12E-5
	CC12	-0.0267	-0.0562	-0.0828	-1.83E-5	1.36E-4	-2.84E-5
	CC13	-0.0275	-0.0632	-0.0845	-2.03E-5	1.40E-4	-2.31E-5
	CC14	0.0097	0.0906	-0.0811	4.58E-5	-2.32E-5	-2.69E-5
	CC15	0.0070	0.0676	-0.0868	3.93E-5	-1.07E-5	-9.25E-6
	CC16	-0.0090	0.0681	-0.0632	3.93E-5	5.53E-5	-4.86E-5
	CC17	-0.0116	0.0451	-0.0689	3.28E-5	6.77E-5	-3.09E-5
	CC18	0.0173	-0.0481	-0.1402	-2.77E-5	-4.62E-5	3.36E-5
	CC19	0.0147	-0.0711	-0.1459	-3.42E-5	-3.38E-5	5.12E-5
	CC20	-0.0014	-0.0705	-0.1223	-3.42E-5	3.22E-5	1.19E-5
	CC21	-0.0040	-0.0936	-0.1280	-4.07E-5	4.47E-5	2.95E-5
608	CC1	0.0033	-0.0012	-0.1066	-3.36E-7	-4.77E-6	1.64E-5
	CC2	0.0033	-0.0012	-0.1066	-3.36E-7	-4.77E-6	1.64E-5
	CC3	0.0033	-0.0012	-0.1066	-3.36E-7	-4.77E-6	1.64E-5
	CC4	0.0032	-0.0011	-0.1042	-3.18E-7	-4.53E-6	1.63E-5
	CC5	0.0032	-0.0011	-0.1042	-3.18E-7	-4.53E-6	1.63E-5
	CC6	0.0220	0.0413	-0.1233	-8.56E-6	-1.22E-4	6.36E-5

	CC7	0.0216	0.0364	-0.1247	-8.41E-6	-1.20E-4	6.27E-5
	CC8	0.0243	0.0136	-0.1384	-9.46E-6	-1.35E-4	5.75E-5
	CC9	0.0239	0.0088	-0.1399	-9.31E-6	-1.32E-4	5.66E-5
	CC10	-0.0176	-0.0109	-0.0669	8.68E-6	1.24E-4	-2.40E-5
	CC11	-0.0180	-0.0157	-0.0684	8.84E-6	1.26E-4	-2.49E-5
	CC12	-0.0153	-0.0385	-0.0820	7.78E-6	1.11E-4	-3.01E-5
	CC13	-0.0157	-0.0434	-0.0835	7.94E-6	1.13E-4	-3.10E-5
	CC14	0.0059	0.0609	-0.0842	-1.65E-6	-2.36E-5	4.11E-5
	CC15	0.0047	0.0449	-0.0890	-1.14E-6	-1.63E-5	3.81E-5
	CC16	-0.0059	0.0452	-0.0673	3.52E-6	5.01E-5	1.48E-5
	CC17	-0.0072	0.0293	-0.0721	4.03E-6	5.73E-5	1.18E-5
	CC18	0.0135	-0.0314	-0.1346	-4.66E-6	-6.62E-5	2.08E-5
	CC19	0.0123	-0.0473	-0.1395	-4.15E-6	-5.90E-5	1.78E-5
	CC20	0.0017	-0.0470	-0.1177	5.16E-7	7.39E-6	-5.51E-6
	CC21	0.0004	-0.0629	-0.1226	1.03E-6	1.47E-5	-8.49E-6
609	CC1	0.0021	-0.0006	-0.1054	1.94E-5	-2.51E-5	9.80E-6
	CC2	0.0021	-0.0006	-0.1054	1.94E-5	-2.51E-5	9.80E-6
	CC3	0.0021	-0.0006	-0.1054	1.94E-5	-2.51E-5	9.80E-6
	CC4	0.0021	-0.0006	-0.1030	1.86E-5	-2.41E-5	9.83E-6
	CC5	0.0021	-0.0006	-0.1030	1.86E-5	-2.41E-5	9.83E-6
	CC6	0.0104	0.0245	-0.1216	-1.60E-5	-1.29E-4	6.56E-5
	CC7	0.0104	0.0216	-0.1229	-1.85E-5	-1.26E-4	6.09E-5
	CC8	0.0125	0.0090	-0.1347	-2.49E-5	-1.40E-4	4.20E-5
	CC9	0.0124	0.0061	-0.1360	-2.75E-5	-1.38E-4	3.73E-5
	CC10	-0.0083	-0.0072	-0.0684	6.42E-5	9.00E-5	-1.76E-5
	CC11	-0.0084	-0.0101	-0.0696	6.16E-5	9.26E-5	-2.23E-5
	CC12	-0.0063	-0.0227	-0.0815	5.53E-5	7.86E-5	-4.12E-5
	CC13	-0.0063	-0.0256	-0.0827	5.27E-5	8.12E-5	-4.59E-5
	CC14	0.0015	0.0348	-0.0862	2.55E-5	-4.20E-5	6.95E-5
	CC15	0.0014	0.0252	-0.0904	1.70E-5	-3.34E-5	5.38E-5
	CC16	-0.0041	0.0253	-0.0703	4.96E-5	2.37E-5	4.45E-5
	CC17	-0.0043	0.0157	-0.0745	4.11E-5	3.22E-5	2.88E-5
	CC18	0.0084	-0.0169	-0.1299	-4.31E-6	-7.99E-5	-9.16E-6
	CC19	0.0082	-0.0265	-0.1341	-1.28E-5	-7.14E-5	-2.48E-5
	CC20	0.0027	-0.0264	-0.1139	1.97E-5	-1.42E-5	-3.41E-5
	CC21	0.0026	-0.0360	-0.1181	1.12E-5	-5.72E-6	-4.98E-5
610	CC1	0.0026	-0.0005	-0.1051	5.22E-5	-3.65E-5	1.57E-6
	CC2	0.0026	-0.0005	-0.1051	5.22E-5	-3.65E-5	1.57E-6
	CC3	0.0026	-0.0005	-0.1051	5.22E-5	-3.65E-5	1.57E-6
	CC4	0.0025	-0.0005	-0.1027	5.15E-5	-3.56E-5	1.75E-6
	CC5	0.0025	-0.0005	-0.1027	5.15E-5	-3.56E-5	1.75E-6
	CC6	0.0144	0.0244	-0.1277	2.58E-4	-1.86E-4	4.94E-5
	CC7	0.0140	0.0215	-0.1279	2.34E-4	-1.80E-4	4.42E-5
	CC8	0.0140	0.0090	-0.1336	1.36E-4	-1.79E-4	1.48E-5
	CC9	0.0136	0.0061	-0.1338	1.12E-4	-1.73E-4	9.59E-6
	CC10	-0.0086	-0.0071	-0.0701	-9.70E-6	1.02E-4	-5.96E-6
	CC11	-0.0090	-0.0100	-0.0703	-3.37E-5	1.08E-4	-1.12E-5
	CC12	-0.0089	-0.0225	-0.0760	-1.32E-4	1.10E-4	-4.06E-5
	CC13	-0.0093	-0.0254	-0.0762	-1.56E-4	1.16E-4	-4.58E-5
	CC14	0.0072	0.0347	-0.1003	3.35E-4	-1.01E-4	7.64E-5
	CC15	0.0059	0.0251	-0.1010	2.56E-4	-8.16E-5	5.92E-5
	CC16	0.0003	0.0252	-0.0831	2.55E-4	-1.45E-5	5.98E-5
	CC17	-0.0010	0.0157	-0.0838	1.75E-4	4.93E-6	4.26E-5
	CC18	0.0060	-0.0167	-0.1201	-7.27E-5	-7.54E-5	-3.89E-5
	CC19	0.0047	-0.0262	-0.1208	-1.52E-4	-5.60E-5	-5.62E-5
	CC20	-0.0008	-0.0261	-0.1028	-1.53E-4	1.11E-5	-5.56E-5
	CC21	-0.0022	-0.0357	-0.1035	-2.33E-4	3.05E-5	-7.28E-5
611	CC1	0.0022	-0.0004	-0.1048	-1.83E-5	-2.43E-5	-1.52E-5
	CC2	0.0022	-0.0004	-0.1048	-1.83E-5	-2.43E-5	-1.52E-5
	CC3	0.0022	-0.0004	-0.1048	-1.83E-5	-2.43E-5	-1.52E-5
	CC4	0.0021	-0.0004	-0.1025	-1.76E-5	-2.37E-5	-1.48E-5
	CC5	0.0021	-0.0004	-0.1025	-1.76E-5	-2.37E-5	-1.48E-5
	CC6	0.0150	0.0245	-0.1353	1.27E-4	-1.57E-4	-2.83E-5
	CC7	0.0144	0.0216	-0.1344	1.11E-4	-1.53E-4	-2.97E-5
	CC8	0.0127	0.0091	-0.1314	3.09E-5	-1.44E-4	-5.19E-5
	CC9	0.0121	0.0062	-0.1304	1.47E-5	-1.40E-4	-5.32E-5
	CC10	-0.0079	-0.0070	-0.0729	-4.95E-5	9.27E-5	2.38E-5
	CC11	-0.0085	-0.0099	-0.0720	-6.58E-5	9.73E-5	2.24E-5
	CC12	-0.0102	-0.0224	-0.0690	-1.46E-4	1.06E-4	2.61E-7
	CC13	-0.0108	-0.0253	-0.0680	-1.62E-4	1.10E-4	-1.11E-6
	CC14	0.0105	0.0348	-0.1192	1.97E-4	-9.02E-5	1.90E-5
	CC15	0.0083	0.0252	-0.1160	1.43E-4	-7.49E-5	1.44E-5

	CC16	0.0036	0.0253	-0.1005	1.44E-4	-1.52E-5	3.46E-5
	CC17	0.0014	0.0158	-0.0973	8.99E-5	7.31E-8	3.01E-5
	CC18	0.0028	-0.0165	-0.1060	-1.25E-4	-4.72E-5	-5.95E-5
	CC19	0.0006	-0.0261	-0.1028	-1.79E-4	-3.20E-5	-6.41E-5
	CC20	-0.0041	-0.0260	-0.0873	-1.78E-4	2.78E-5	-4.39E-5
	CC21	-0.0063	-0.0355	-0.0841	-2.32E-4	4.31E-5	-4.84E-5
612	CC1	0.0030	-0.0015	-0.1074	-1.32E-5	2.61E-5	7.98E-7
	CC2	0.0030	-0.0015	-0.1074	-1.32E-5	2.61E-5	7.98E-7
	CC3	0.0030	-0.0015	-0.1074	-1.32E-5	2.61E-5	7.98E-7
	CC4	0.0030	-0.0014	-0.1049	-1.27E-5	2.55E-5	1.10E-6
	CC5	0.0030	-0.0014	-0.1049	-1.27E-5	2.55E-5	1.10E-6
	CC6	0.0342	0.0604	-0.1325	1.13E-4	-6.91E-5	2.76E-5
	CC7	0.0336	0.0534	-0.1327	9.99E-5	-6.89E-5	2.69E-5
	CC8	0.0363	0.0189	-0.1393	2.60E-5	-9.16E-5	7.10E-6
	CC9	0.0356	0.0119	-0.1395	1.24E-5	-9.14E-5	6.47E-6
	CC10	-0.0298	-0.0146	-0.0687	-3.73E-5	1.42E-4	-4.08E-6
	CC11	-0.0304	-0.0215	-0.0689	-5.09E-5	1.42E-4	-4.70E-6
	CC12	-0.0278	-0.0561	-0.0756	-1.25E-4	1.20E-4	-2.46E-5
	CC13	-0.0284	-0.0630	-0.0758	-1.38E-4	1.20E-4	-2.52E-5
	CC14	0.0102	0.0906	-0.1020	1.78E-4	3.08E-5	4.11E-5
	CC15	0.0081	0.0676	-0.1027	1.33E-4	3.15E-5	3.90E-5
	CC16	-0.0090	0.0681	-0.0828	1.33E-4	9.41E-5	3.16E-5
	CC17	-0.0111	0.0451	-0.0835	8.82E-5	9.48E-5	2.95E-5
	CC18	0.0170	-0.0478	-0.1247	-1.13E-4	-4.41E-5	-2.71E-5
	CC19	0.0149	-0.0708	-0.1254	-1.58E-4	-4.34E-5	-2.92E-5
	CC20	-0.0022	-0.0702	-0.1056	-1.58E-4	1.92E-5	-3.66E-5
	CC21	-0.0043	-0.0933	-0.1063	-2.03E-4	1.99E-5	-3.87E-5
613	CC1	0.0041	-0.0011	-0.1063	-1.50E-7	-2.15E-6	3.25E-6
	CC2	0.0041	-0.0011	-0.1063	-1.50E-7	-2.15E-6	3.25E-6
	CC3	0.0041	-0.0011	-0.1063	-1.50E-7	-2.15E-6	3.25E-6
	CC4	0.0040	-0.0010	-0.1039	-1.37E-7	-1.95E-6	3.55E-6
	CC5	0.0040	-0.0010	-0.1039	-1.37E-7	-1.95E-6	3.55E-6
	CC6	0.0262	0.0411	-0.1301	-6.85E-6	-9.74E-5	5.44E-5
	CC7	0.0256	0.0363	-0.1303	-7.00E-6	-9.95E-5	4.93E-5
	CC8	0.0269	0.0137	-0.1365	-8.76E-6	-1.25E-4	1.38E-5
	CC9	0.0263	0.0089	-0.1367	-8.91E-6	-1.27E-4	8.68E-6
	CC10	-0.0185	-0.0108	-0.0694	8.64E-6	1.23E-4	-1.38E-6
	CC11	-0.0191	-0.0156	-0.0697	8.49E-6	1.21E-4	-6.50E-6
	CC12	-0.0178	-0.0382	-0.0758	6.73E-6	9.58E-5	-4.20E-5
	CC13	-0.0184	-0.0430	-0.0760	6.58E-6	9.36E-5	-4.71E-5
	CC14	0.0105	0.0605	-0.1012	9.73E-7	1.38E-5	8.82E-5
	CC15	0.0084	0.0447	-0.1019	4.82E-7	6.80E-6	7.13E-5
	CC16	-0.0029	0.0449	-0.0830	5.62E-6	7.99E-5	7.15E-5
	CC17	-0.0050	0.0291	-0.0837	5.13E-6	7.29E-5	5.45E-5
	CC18	0.0128	-0.0310	-0.1225	-5.39E-6	-7.67E-5	-4.72E-5
	CC19	0.0108	-0.0469	-0.1232	-5.88E-6	-8.36E-5	-6.42E-5
	CC20	-0.0006	-0.0466	-0.1043	-7.46E-7	-1.06E-5	-6.40E-5
	CC21	-0.0026	-0.0624	-0.1050	-1.24E-6	-1.75E-5	-8.09E-5
614	CC1	0.0033	-0.0009	-0.1059	-2.94E-7	-4.20E-6	-2.22E-5
	CC2	0.0033	-0.0009	-0.1059	-2.94E-7	-4.20E-6	-2.22E-5
	CC3	0.0033	-0.0009	-0.1059	-2.94E-7	-4.20E-6	-2.22E-5
	CC4	0.0033	-0.0008	-0.1035	-2.84E-7	-4.05E-6	-2.16E-5
	CC5	0.0033	-0.0008	-0.1035	-2.84E-7	-4.05E-6	-2.16E-5
	CC6	0.0266	0.0412	-0.1388	-7.30E-6	-1.04E-4	-4.63E-5
	CC7	0.0257	0.0364	-0.1377	-7.49E-6	-1.07E-4	-4.67E-5
	CC8	0.0245	0.0139	-0.1342	-9.37E-6	-1.33E-4	-6.77E-5
	CC9	0.0237	0.0091	-0.1331	-9.56E-6	-1.36E-4	-6.81E-5
	CC10	-0.0172	-0.0106	-0.0724	9.00E-6	1.28E-4	2.54E-5
	CC11	-0.0180	-0.0154	-0.0713	8.81E-6	1.25E-4	2.50E-5
	CC12	-0.0192	-0.0380	-0.0678	6.93E-6	9.86E-5	3.87E-6
	CC13	-0.0201	-0.0428	-0.0667	6.74E-6	9.60E-5	3.46E-6
	CC14	0.0146	0.0605	-0.1222	1.03E-6	1.45E-5	4.35E-6
	CC15	0.0119	0.0447	-0.1185	4.02E-7	5.63E-6	3.00E-6
	CC16	0.0015	0.0450	-0.1022	5.92E-6	8.41E-5	2.58E-5
	CC17	-0.0013	0.0291	-0.0986	5.29E-6	7.52E-5	2.45E-5
	CC18	0.0078	-0.0306	-0.1069	-5.85E-6	-8.32E-5	-6.73E-5
	CC19	0.0050	-0.0465	-0.1033	-6.48E-6	-9.21E-5	-6.86E-5
	CC20	-0.0054	-0.0462	-0.0870	-9.62E-7	-1.36E-5	-4.58E-5
	CC21	-0.0081	-0.0620	-0.0834	-1.59E-6	-2.25E-5	-4.71E-5
615	CC1	0.0028	-0.0014	-0.1069	-1.30E-5	1.79E-5	-7.68E-6
	CC2	0.0028	-0.0014	-0.1069	-1.30E-5	1.79E-5	-7.68E-6
	CC3	0.0028	-0.0014	-0.1069	-1.30E-5	1.79E-5	-7.68E-6

	CC4	0.0027	-0.0013	-0.1045	-1.25E-5	1.75E-5	-7.34E-6
	CC5	0.0027	-0.0013	-0.1045	-1.25E-5	1.75E-5	-7.34E-6
	CC6	0.0351	0.0605	-0.1425	1.18E-4	-7.91E-5	-1.60E-5
	CC7	0.0344	0.0536	-0.1412	1.05E-4	-8.11E-5	-1.66E-5
	CC8	0.0348	0.0191	-0.1368	8.72E-6	-1.06E-4	-4.29E-5
	CC9	0.0340	0.0121	-0.1355	-4.04E-6	-1.08E-4	-4.35E-5
	CC10	-0.0286	-0.0146	-0.0720	-2.05E-5	1.42E-4	2.91E-5
	CC11	-0.0293	-0.0215	-0.0707	-3.32E-5	1.40E-4	2.85E-5
	CC12	-0.0289	-0.0560	-0.0662	-1.29E-4	1.16E-4	2.16E-6
	CC13	-0.0297	-0.0630	-0.0649	-1.42E-4	1.14E-4	1.58E-6
	CC14	0.0141	0.0906	-0.1261	2.11E-4	3.17E-5	3.18E-5
	CC15	0.0117	0.0676	-0.1218	1.69E-4	2.49E-5	2.99E-5
	CC16	-0.0051	0.0681	-0.1049	1.70E-4	9.81E-5	4.53E-5
	CC17	-0.0074	0.0450	-0.1006	1.27E-4	9.14E-5	4.34E-5
	CC18	0.0129	-0.0475	-0.1069	-1.52E-4	-5.66E-5	-5.79E-5
	CC19	0.0105	-0.0705	-0.1025	-1.94E-4	-6.33E-5	-5.98E-5
	CC20	-0.0062	-0.0700	-0.0857	-1.93E-4	9.89E-6	-4.44E-5
	CC21	-0.0086	-0.0931	-0.0814	-2.36E-4	3.16E-6	-4.63E-5
616	CC1	-0.0016	-0.0032	-0.0905	0.00E+0	-4.85E-6	4.38E-6
	CC2	-0.0016	-0.0032	-0.0905	0.00E+0	-4.85E-6	4.38E-6
	CC3	-0.0016	-0.0032	-0.0905	0.00E+0	-4.85E-6	4.38E-6
	CC4	-0.0015	-0.0030	-0.0884	0.00E+0	-4.61E-6	4.16E-6
	CC5	-0.0015	-0.0030	-0.0884	0.00E+0	-4.61E-6	4.16E-6
	CC6	0.0554	-0.1059	-0.0674	8.86E-3	-1.69E-4	-4.62E-5
	CC7	0.0541	-0.0908	-0.0704	8.86E-3	-1.65E-4	-3.98E-5
	CC8	0.0565	-0.1611	-0.0560	3.49E-3	-1.77E-4	-4.03E-5
	CC9	0.0553	-0.1460	-0.0590	3.49E-3	-1.72E-4	-3.38E-5
	CC10	-0.0583	0.1401	-0.1165	-3.49E-3	1.63E-4	4.20E-5
	CC11	-0.0596	0.1552	-0.1195	-3.49E-3	1.68E-4	4.85E-5
	CC12	-0.0571	0.0849	-0.1051	-8.86E-3	1.56E-4	4.79E-5
	CC13	-0.0584	0.1000	-0.1081	-8.86E-3	1.60E-4	5.44E-5
	CC14	0.0157	0.0272	-0.0944	1.08E-29	-4.96E-5	-2.97E-5
	CC15	0.0115	0.0771	-0.1045	1.08E-29	-3.52E-5	-8.32E-6
	CC16	-0.0184	0.1010	-0.1091	7.10E-3	5.02E-5	-3.25E-6
	CC17	-0.0226	0.1509	-0.1192	7.10E-3	6.46E-5	1.82E-5
	CC18	0.0196	-0.1568	-0.0563	-7.10E-3	-7.36E-5	-9.99E-6
	CC19	0.0153	-0.1069	-0.0664	-7.10E-3	-5.92E-5	1.14E-5
	CC20	-0.0145	-0.0830	-0.0710	-1.08E-29	2.62E-5	1.65E-5
	CC21	-0.0188	-0.0331	-0.0811	-1.08E-29	4.06E-5	3.79E-5
617	CC1	-0.0019	-0.0034	-0.0920	0.00E+0	-4.39E-6	2.24E-6
	CC2	-0.0019	-0.0034	-0.0920	0.00E+0	-4.39E-6	2.24E-6
	CC3	-0.0019	-0.0034	-0.0920	0.00E+0	-4.39E-6	2.24E-6
	CC4	-0.0018	-0.0032	-0.0898	0.00E+0	-4.20E-6	2.08E-6
	CC5	-0.0018	-0.0032	-0.0898	0.00E+0	-4.20E-6	2.08E-6
	CC6	0.0575	-0.1058	-0.0863	8.18E-3	-1.78E-4	-4.76E-5
	CC7	0.0556	-0.0907	-0.0860	8.18E-3	-1.71E-4	-4.13E-5
	CC8	0.0568	-0.1608	-0.0873	3.20E-3	-1.84E-4	-4.13E-5
	CC9	0.0549	-0.1457	-0.0870	3.20E-3	-1.77E-4	-3.50E-5
	CC10	-0.0585	0.1395	-0.0911	-3.20E-3	1.69E-4	3.91E-5
	CC11	-0.0604	0.1546	-0.0909	-3.20E-3	1.75E-4	4.54E-5
	CC12	-0.0592	0.0845	-0.0921	-8.18E-3	1.63E-4	4.54E-5
	CC13	-0.0611	0.0996	-0.0919	-8.18E-3	1.70E-4	5.17E-5
	CC14	0.0200	0.0269	-0.0870	1.00E-29	-5.74E-5	-3.20E-5
	CC15	0.0137	0.0768	-0.0863	1.00E-29	-3.54E-5	-1.11E-5
	CC16	-0.0148	0.1005	-0.0885	6.59E-3	4.66E-5	-5.96E-6
	CC17	-0.0211	0.1503	-0.0877	6.59E-3	6.86E-5	1.49E-5
	CC18	0.0175	-0.1566	-0.0904	-6.59E-3	-7.69E-5	-1.08E-5
	CC19	0.0112	-0.1067	-0.0896	-6.59E-3	-5.49E-5	1.00E-5
	CC20	-0.0173	-0.0830	-0.0918	-1.00E-29	2.71E-5	1.52E-5
	CC21	-0.0236	-0.0331	-0.0911	-1.00E-29	4.91E-5	3.60E-5
618	CC1	-0.0003	-0.0061	-0.0920	0.00E+0	-1.26E-5	2.58E-6
	CC2	-0.0003	-0.0061	-0.0920	0.00E+0	-1.26E-5	2.58E-6
	CC3	-0.0003	-0.0061	-0.0920	0.00E+0	-1.26E-5	2.58E-6
	CC4	-0.0003	-0.0057	-0.0899	0.00E+0	-1.19E-5	2.43E-6
	CC5	-0.0003	-0.0057	-0.0899	0.00E+0	-1.19E-5	2.43E-6
	CC6	0.0856	-0.1612	-0.0665	3.22E-3	-1.75E-4	-8.07E-5
	CC7	0.0835	-0.1380	-0.0699	3.22E-3	-1.70E-4	-7.00E-5
	CC8	0.0881	-0.2488	-0.0535	1.28E-3	-1.83E-4	-6.97E-5
	CC9	0.0861	-0.2256	-0.0569	1.28E-3	-1.79E-4	-5.91E-5
	CC10	-0.0867	0.2145	-0.1214	-1.28E-3	1.55E-4	6.38E-5
	CC11	-0.0888	0.2377	-0.1248	-1.28E-3	1.60E-4	7.45E-5
	CC12	-0.0841	0.1268	-0.1084	-3.22E-3	1.47E-4	7.48E-5

	CC13	-0.0862	0.1501	-0.1118	-3.22E-3	1.52E-4	8.54E-5
	CC14	0.0247	0.0457	-0.0969	3.90E-3	-5.50E-5	-5.52E-5
	CC15	0.0178	0.1226	-0.1082	3.90E-3	-4.03E-5	-1.99E-5
	CC16	-0.0270	0.1584	-0.1134	2.55E-3	4.40E-5	-1.18E-5
	CC17	-0.0339	0.2353	-0.1246	2.55E-3	5.87E-5	2.34E-5
	CC18	0.0332	-0.2464	-0.0537	-2.55E-3	-8.21E-5	-1.87E-5
	CC19	0.0263	-0.1695	-0.0649	-2.55E-3	-6.74E-5	1.66E-5
	CC20	-0.0184	-0.1337	-0.0701	-3.90E-3	1.70E-5	2.47E-5
	CC21	-0.0253	-0.0568	-0.0814	-3.90E-3	3.17E-5	5.99E-5
619	CC1	-0.0011	-0.0046	-0.0913	0.00E+0	-5.94E-6	4.20E-6
	CC2	-0.0011	-0.0046	-0.0913	0.00E+0	-5.94E-6	4.20E-6
	CC3	-0.0011	-0.0046	-0.0913	0.00E+0	-5.94E-6	4.20E-6
	CC4	-0.0011	-0.0043	-0.0892	0.00E+0	-5.71E-6	3.93E-6
	CC5	-0.0011	-0.0043	-0.0892	0.00E+0	-5.71E-6	3.93E-6
	CC6	0.0705	-0.1329	-0.0668	2.92E-29	-1.73E-4	-6.35E-5
	CC7	0.0688	-0.1138	-0.0700	2.92E-29	-1.68E-4	-5.49E-5
	CC8	0.0723	-0.2038	-0.0545	1.13E-29	-1.82E-4	-5.55E-5
	CC9	0.0706	-0.1848	-0.0577	1.13E-29	-1.77E-4	-4.69E-5
	CC10	-0.0728	0.1764	-0.1193	-1.13E-29	1.66E-4	5.45E-5
	CC11	-0.0745	0.1955	-0.1225	-1.13E-29	1.71E-4	6.32E-5
	CC12	-0.0709	0.1055	-0.1070	-2.92E-29	1.57E-4	6.25E-5
	CC13	-0.0726	0.1245	-0.1102	-2.92E-29	1.62E-4	7.12E-5
	CC14	0.0201	0.0362	-0.0958	3.59E-29	-4.98E-5	-4.16E-5
	CC15	0.0145	0.0992	-0.1065	3.59E-29	-3.43E-5	-1.28E-5
	CC16	-0.0229	0.1290	-0.1115	2.37E-29	5.19E-5	-6.13E-6
	CC17	-0.0284	0.1920	-0.1223	2.37E-29	6.74E-5	2.26E-5
	CC18	0.0263	-0.2004	-0.0547	-2.37E-29	-7.86E-5	-1.49E-5
	CC19	0.0207	-0.1373	-0.0655	-2.37E-29	-6.32E-5	1.38E-5
	CC20	-0.0167	-0.1076	-0.0705	-3.59E-29	2.31E-5	2.05E-5
	CC21	-0.0223	-0.0445	-0.0812	-3.59E-29	3.85E-5	4.92E-5
620	CC1	-0.0016	-0.0046	-0.0930	0.00E+0	-3.43E-6	4.75E-6
	CC2	-0.0016	-0.0046	-0.0930	0.00E+0	-3.43E-6	4.75E-6
	CC3	-0.0016	-0.0046	-0.0930	0.00E+0	-3.43E-6	4.75E-6
	CC4	-0.0015	-0.0043	-0.0908	0.00E+0	-3.47E-6	4.39E-6
	CC5	-0.0015	-0.0043	-0.0908	0.00E+0	-3.47E-6	4.39E-6
	CC6	0.0727	-0.1330	-0.0864	2.46E-29	-1.84E-4	-6.35E-5
	CC7	0.0702	-0.1139	-0.0861	2.46E-29	-1.77E-4	-5.49E-5
	CC8	0.0740	-0.2040	-0.0878	9.73E-3	-1.91E-4	-5.57E-5
	CC9	0.0715	-0.1849	-0.0875	9.73E-3	-1.84E-4	-4.71E-5
	CC10	-0.0744	0.1764	-0.0925	-9.73E-3	1.77E-4	5.56E-5
	CC11	-0.0770	0.1955	-0.0922	-9.73E-3	1.84E-4	6.43E-5
	CC12	-0.0732	0.1054	-0.0940	-2.46E-29	1.70E-4	6.35E-5
	CC13	-0.0757	0.1245	-0.0936	-2.46E-29	1.77E-4	7.21E-5
	CC14	0.0227	0.0361	-0.0873	2.99E-29	-5.83E-5	-4.09E-5
	CC15	0.0143	0.0992	-0.0862	2.99E-29	-3.38E-5	-1.23E-5
	CC16	-0.0215	0.1289	-0.0891	1.96E-29	4.99E-5	-5.15E-6
	CC17	-0.0298	0.1920	-0.0880	1.96E-29	7.43E-5	2.34E-5
	CC18	0.0268	-0.2005	-0.0920	-1.96E-29	-8.13E-5	-1.49E-5
	CC19	0.0185	-0.1374	-0.0909	-1.96E-29	-5.68E-5	1.37E-5
	CC20	-0.0173	-0.1077	-0.0939	-2.99E-29	2.69E-5	2.09E-5
	CC21	-0.0256	-0.0446	-0.0928	-2.99E-29	5.13E-5	4.95E-5
621	CC1	-0.0008	-0.0061	-0.0938	0.00E+0	-1.47E-5	7.21E-6
	CC2	-0.0008	-0.0061	-0.0938	0.00E+0	-1.47E-5	7.21E-6
	CC3	-0.0008	-0.0061	-0.0938	0.00E+0	-1.47E-5	7.21E-6
	CC4	-0.0008	-0.0057	-0.0916	0.00E+0	-1.37E-5	6.65E-6
	CC5	-0.0008	-0.0057	-0.0916	0.00E+0	-1.37E-5	6.65E-6
	CC6	0.0887	-0.1615	-0.0860	2.50E-29	-1.84E-4	-7.90E-5
	CC7	0.0856	-0.1382	-0.0856	2.50E-29	-1.77E-4	-6.80E-5
	CC8	0.0904	-0.2494	-0.0880	1.01E-29	-1.88E-4	-6.92E-5
	CC9	0.0873	-0.2261	-0.0876	1.01E-29	-1.82E-4	-5.83E-5
	CC10	-0.0888	0.2150	-0.0941	-1.01E-29	1.55E-4	7.12E-5
	CC11	-0.0920	0.2383	-0.0936	-1.01E-29	1.61E-4	8.21E-5
	CC12	-0.0871	0.1272	-0.0961	-2.50E-29	1.50E-4	8.09E-5
	CC13	-0.0903	0.1504	-0.0956	-2.50E-29	1.57E-4	9.19E-5
	CC14	0.0282	0.0459	-0.0870	3.00E-29	-6.76E-5	-5.04E-5
	CC15	0.0179	0.1229	-0.0855	3.00E-29	-4.67E-5	-1.41E-5
	CC16	-0.0251	0.1588	-0.0895	1.95E-29	3.38E-5	-5.40E-6
	CC17	-0.0354	0.2359	-0.0879	1.95E-29	5.48E-5	3.09E-5
	CC18	0.0339	-0.2470	-0.0937	-1.95E-29	-8.16E-5	-1.80E-5
	CC19	0.0235	-0.1699	-0.0922	-1.95E-29	-6.07E-5	1.83E-5
	CC20	-0.0194	-0.1340	-0.0961	-3.00E-29	1.99E-5	2.71E-5
	CC21	-0.0297	-0.0569	-0.0946	-3.00E-29	4.08E-5	6.34E-5

622	CC1	-0.0024	-0.0037	-0.0929	-1.51E-5	-2.32E-6	2.72E-7
	CC2	-0.0024	-0.0037	-0.0929	-1.51E-5	-2.32E-6	2.72E-7
	CC3	-0.0024	-0.0037	-0.0929	-1.51E-5	-2.32E-6	2.72E-7
	CC4	-0.0023	-0.0035	-0.0907	-1.41E-5	-2.17E-6	3.88E-7
	CC5	-0.0023	-0.0035	-0.0907	-1.41E-5	-2.17E-6	3.88E-7
	CC6	0.0591	-0.1097	-0.0523	-3.08E-4	-4.75E-5	-6.43E-5
	CC7	0.0565	-0.0942	-0.0485	-2.64E-4	-4.07E-5	-5.57E-5
	CC8	0.0582	-0.1644	-0.0677	-4.76E-4	-7.33E-5	-6.72E-5
	CC9	0.0556	-0.1489	-0.0640	-4.32E-4	-6.65E-5	-5.85E-5
	CC10	-0.0601	0.1421	-0.1159	4.04E-4	6.23E-5	5.94E-5
	CC11	-0.0627	0.1576	-0.1121	4.48E-4	6.91E-5	6.81E-5
	CC12	-0.0610	0.0874	-0.1313	2.36E-4	3.64E-5	5.65E-5
	CC13	-0.0636	0.1029	-0.1275	2.81E-4	4.32E-5	6.52E-5
	CC14	0.0214	0.0243	-0.0609	8.57E-5	1.32E-5	-2.77E-5
	CC15	0.0129	0.0757	-0.0484	2.32E-4	3.57E-5	1.02E-6
	CC16	-0.0144	0.0998	-0.0800	2.99E-4	4.61E-5	9.38E-6
	CC17	-0.0229	0.1512	-0.0675	4.46E-4	6.87E-5	3.81E-5
	CC18	0.0184	-0.1580	-0.1123	-4.73E-4	-7.29E-5	-3.73E-5
	CC19	0.0099	-0.1066	-0.0999	-3.27E-4	-5.04E-5	-8.52E-6
	CC20	-0.0173	-0.0825	-0.1314	-2.60E-4	-4.00E-5	-1.69E-7
	CC21	-0.0259	-0.0311	-0.1189	-1.13E-4	-1.75E-5	2.86E-5
623	CC1	-0.0019	-0.0049	-0.0939	-1.25E-5	-1.93E-6	-3.08E-6
	CC2	-0.0019	-0.0049	-0.0939	-1.25E-5	-1.93E-6	-3.08E-6
	CC3	-0.0019	-0.0049	-0.0939	-1.25E-5	-1.93E-6	-3.08E-6
	CC4	-0.0018	-0.0046	-0.0917	-1.16E-5	-1.79E-6	-2.84E-6
	CC5	-0.0018	-0.0046	-0.0917	-1.16E-5	-1.79E-6	-2.84E-6
	CC6	0.0756	-0.1379	-0.1197	-3.42E-4	-5.27E-5	-6.58E-5
	CC7	0.0722	-0.1183	-0.1154	-2.92E-4	-4.50E-5	-5.79E-5
	CC8	0.0748	-0.2086	-0.1372	-5.32E-4	-8.19E-5	-5.51E-5
	CC9	0.0714	-0.1889	-0.1330	-4.82E-4	-7.42E-5	-4.72E-5
	CC10	-0.0751	0.1800	-0.0489	4.59E-4	7.07E-5	4.16E-5
	CC11	-0.0784	0.1997	-0.0446	5.09E-4	7.84E-5	4.96E-5
	CC12	-0.0759	0.1093	-0.0664	2.70E-4	4.15E-5	5.24E-5
	CC13	-0.0792	0.1290	-0.0621	3.20E-4	4.92E-5	6.03E-5
	CC14	0.0277	0.0331	-0.0793	1.02E-4	1.57E-5	-4.99E-5
	CC15	0.0166	0.0982	-0.0653	2.67E-4	4.12E-5	-2.37E-5
	CC16	-0.0175	0.1284	-0.0581	3.42E-4	5.27E-5	-1.77E-5
	CC17	-0.0286	0.1935	-0.0441	5.08E-4	7.82E-5	8.57E-6
	CC18	0.0250	-0.2024	-0.1378	-5.30E-4	-8.17E-5	-1.41E-5
	CC19	0.0138	-0.1374	-0.1237	-3.65E-4	-5.62E-5	1.22E-5
	CC20	-0.0202	-0.1071	-0.1165	-2.90E-4	-4.47E-5	1.82E-5
	CC21	-0.0314	-0.0420	-0.1025	-1.24E-4	-1.92E-5	4.44E-5
624	CC1	-0.0011	-0.0062	-0.0948	-1.97E-5	-3.04E-6	-6.87E-6
	CC2	-0.0011	-0.0062	-0.0948	-1.97E-5	-3.04E-6	-6.87E-6
	CC3	-0.0011	-0.0062	-0.0948	-1.97E-5	-3.04E-6	-6.87E-6
	CC4	-0.0010	-0.0058	-0.0925	-1.85E-5	-2.84E-6	-6.50E-6
	CC5	-0.0010	-0.0058	-0.0925	-1.85E-5	-2.84E-6	-6.50E-6
	CC6	0.0925	-0.1677	-0.1226	-3.47E-4	-5.35E-5	-6.89E-5
	CC7	0.0883	-0.1437	-0.1180	-2.97E-4	-4.58E-5	-6.15E-5
	CC8	0.0918	-0.2553	-0.1417	-5.37E-4	-8.28E-5	-4.60E-5
	CC9	0.0876	-0.2312	-0.1371	-4.87E-4	-7.50E-5	-3.87E-5
	CC10	-0.0897	0.2200	-0.0463	4.51E-4	6.95E-5	2.59E-5
	CC11	-0.0938	0.2440	-0.0417	5.01E-4	7.72E-5	3.33E-5
	CC12	-0.0904	0.1324	-0.0654	2.61E-4	4.02E-5	4.88E-5
	CC13	-0.0945	0.1565	-0.0608	3.11E-4	4.79E-5	5.61E-5
	CC14	0.0344	0.0423	-0.0789	9.61E-5	1.48E-5	-7.08E-5
	CC15	0.0206	0.1220	-0.0637	2.62E-4	4.03E-5	-4.65E-5
	CC16	-0.0203	0.1586	-0.0560	3.36E-4	5.17E-5	-4.24E-5
	CC17	-0.0341	0.2384	-0.0408	5.01E-4	7.72E-5	-1.81E-5
	CC18	0.0321	-0.2496	-0.1426	-5.37E-4	-8.28E-5	5.32E-6
	CC19	0.0183	-0.1699	-0.1274	-3.72E-4	-5.73E-5	2.96E-5
	CC20	-0.0226	-0.1333	-0.1198	-2.98E-4	-4.59E-5	3.38E-5
	CC21	-0.0364	-0.0536	-0.1045	-1.32E-4	-2.04E-5	5.81E-5
625	CC1	-0.0015	-0.0033	-0.0888	-1.47E-5	-2.25E-6	-3.31E-6
	CC2	-0.0015	-0.0033	-0.0888	-1.47E-5	-2.25E-6	-3.31E-6
	CC3	-0.0015	-0.0033	-0.0888	-1.47E-5	-2.25E-6	-3.31E-6
	CC4	-0.0014	-0.0031	-0.0868	-1.37E-5	-2.11E-6	-3.00E-6
	CC5	-0.0014	-0.0031	-0.0868	-1.37E-5	-2.11E-6	-3.00E-6
	CC6	0.0538	-0.1099	-0.0436	-3.02E-4	-4.64E-5	-5.88E-5
	CC7	0.0530	-0.0943	-0.0500	-2.59E-4	-3.97E-5	-5.15E-5
	CC8	0.0556	-0.1648	-0.0201	-4.72E-4	-7.24E-5	-5.62E-5
	CC9	0.0548	-0.1492	-0.0265	-4.28E-4	-6.57E-5	-4.89E-5

	CC10	-0.0576	0.1432	-0.1458	4.01E-4	6.16E-5	4.32E-5
	CC11	-0.0584	0.1588	-0.1522	4.45E-4	6.83E-5	5.05E-5
	CC12	-0.0558	0.0883	-0.1223	2.32E-4	3.56E-5	4.57E-5
	CC13	-0.0566	0.1039	-0.1287	2.75E-4	4.23E-5	5.30E-5
	CC14	0.0136	0.0248	-0.0995	9.12E-5	1.40E-5	-3.45E-5
	CC15	0.0111	0.0765	-0.1207	2.35E-4	3.61E-5	-1.03E-5
	CC16	-0.0198	0.1008	-0.1301	3.02E-4	4.64E-5	-3.93E-6
	CC17	-0.0223	0.1524	-0.1513	4.46E-4	6.85E-5	2.02E-5
	CC18	0.0195	-0.1584	-0.0210	-4.73E-4	-7.26E-5	-2.60E-5
	CC19	0.0170	-0.1068	-0.0422	-3.29E-4	-5.05E-5	-1.85E-6
	CC20	-0.0139	-0.0825	-0.0516	-2.62E-4	-4.02E-5	4.55E-6
	CC21	-0.0164	-0.0308	-0.0729	-1.18E-4	-1.81E-5	2.87E-5
626	CC1	-0.0010	-0.0046	-0.0893	-1.64E-5	-2.53E-6	-3.07E-6
	CC2	-0.0010	-0.0046	-0.0893	-1.64E-5	-2.53E-6	-3.07E-6
	CC3	-0.0010	-0.0046	-0.0893	-1.64E-5	-2.53E-6	-3.07E-6
	CC4	-0.0009	-0.0043	-0.0873	-1.54E-5	-2.37E-6	-2.81E-6
	CC5	-0.0009	-0.0043	-0.0873	-1.54E-5	-2.37E-6	-2.81E-6
	CC6	0.0681	-0.1376	-0.0410	-3.24E-4	-4.97E-5	-6.86E-5
	CC7	0.0671	-0.1179	-0.0479	-2.77E-4	-4.25E-5	-6.02E-5
	CC8	0.0708	-0.2082	-0.0153	-5.07E-4	-7.78E-5	-5.98E-5
	CC9	0.0698	-0.1885	-0.0222	-4.60E-4	-7.06E-5	-5.13E-5
	CC10	-0.0717	0.1801	-0.1510	4.30E-4	6.60E-5	4.59E-5
	CC11	-0.0727	0.1997	-0.1579	4.77E-4	7.32E-5	5.43E-5
	CC12	-0.0690	0.1095	-0.1254	2.47E-4	3.79E-5	5.48E-5
	CC13	-0.0700	0.1292	-0.1323	2.94E-4	4.51E-5	6.32E-5
	CC14	0.0172	0.0332	-0.1015	9.92E-5	1.52E-5	-4.86E-5
	CC15	0.0139	0.0983	-0.1243	2.54E-4	3.90E-5	-2.08E-5
	CC16	-0.0247	0.1285	-0.1345	3.25E-4	5.00E-5	-1.43E-5
	CC17	-0.0280	0.1936	-0.1573	4.80E-4	7.38E-5	1.36E-5
	CC18	0.0262	-0.2020	-0.0159	-5.11E-4	-7.84E-5	-1.90E-5
	CC19	0.0229	-0.1370	-0.0388	-3.56E-4	-5.46E-5	8.84E-6
	CC20	-0.0158	-0.1067	-0.0490	-2.84E-4	-4.37E-5	1.53E-5
	CC21	-0.0190	-0.0417	-0.0718	-1.29E-4	-1.99E-5	4.32E-5
627	CC1	-0.0002	-0.0061	-0.0897	-1.95E-5	-2.99E-6	-2.16E-6
	CC2	-0.0002	-0.0061	-0.0897	-1.95E-5	-2.99E-6	-2.16E-6
	CC3	-0.0002	-0.0061	-0.0897	-1.95E-5	-2.99E-6	-2.16E-6
	CC4	-0.0002	-0.0057	-0.0877	-1.83E-5	-2.81E-6	-1.99E-6
	CC5	-0.0002	-0.0057	-0.0877	-1.83E-5	-2.81E-6	-1.99E-6
	CC6	0.0827	-0.1669	-0.0391	-3.40E-4	-5.22E-5	-8.03E-5
	CC7	0.0815	-0.1429	-0.0463	-2.91E-4	-4.46E-5	-7.04E-5
	CC8	0.0863	-0.2540	-0.0118	-5.32E-4	-8.16E-5	-6.67E-5
	CC9	0.0851	-0.2301	-0.0190	-4.82E-4	-7.41E-5	-5.68E-5
	CC10	-0.0854	0.2189	-0.1550	4.47E-4	6.86E-5	5.29E-5
	CC11	-0.0867	0.2428	-0.1622	4.96E-4	7.61E-5	6.28E-5
	CC12	-0.0818	0.1318	-0.1277	2.55E-4	3.91E-5	6.65E-5
	CC13	-0.0830	0.1557	-0.1349	3.04E-4	4.67E-5	7.64E-5
	CC14	0.0210	0.0421	-0.1031	1.02E-4	1.57E-5	-6.09E-5
	CC15	0.0170	0.1214	-0.1271	2.65E-4	4.07E-5	-2.82E-5
	CC16	-0.0294	0.1578	-0.1378	3.38E-4	5.19E-5	-2.10E-5
	CC17	-0.0334	0.2371	-0.1619	5.01E-4	7.69E-5	1.18E-5
	CC18	0.0331	-0.2483	-0.0121	-5.37E-4	-8.24E-5	-1.57E-5
	CC19	0.0290	-0.1690	-0.0361	-3.74E-4	-5.74E-5	1.71E-5
	CC20	-0.0174	-0.1326	-0.0469	-3.01E-4	-4.62E-5	2.43E-5
	CC21	-0.0214	-0.0533	-0.0709	-1.38E-4	-2.12E-5	5.71E-5
628	CC1	0.0006	-0.0072	-0.1131	-1.89E-5	0.00E+0	2.26E-6
	CC2	0.0006	-0.0072	-0.1131	-1.89E-5	0.00E+0	2.26E-6
	CC3	0.0006	-0.0072	-0.1131	-1.89E-5	0.00E+0	2.26E-6
	CC4	0.0006	-0.0067	-0.1088	-1.76E-5	0.00E+0	2.25E-6
	CC5	0.0006	-0.0067	-0.1088	-1.76E-5	0.00E+0	2.25E-6
	CC6	0.0964	-0.0074	-0.0828	4.84E-6	1.96E-29	-7.82E-5
	CC7	0.0922	-0.0038	-0.0832	1.10E-5	1.96E-29	-6.79E-5
	CC8	0.0958	-0.1186	-0.0862	-2.53E-4	7.67E-3	-6.69E-5
	CC9	0.0916	-0.1150	-0.0867	-2.47E-4	7.67E-3	-5.66E-5
	CC10	-0.0904	0.1018	-0.1281	2.13E-4	-7.67E-3	6.11E-5
	CC11	-0.0946	0.1054	-0.1286	2.19E-4	-7.67E-3	7.14E-5
	CC12	-0.0910	-0.0093	-0.1315	-4.52E-5	-1.96E-29	7.24E-5
	CC13	-0.0952	-0.0057	-0.1320	-3.90E-5	-1.96E-29	8.27E-5
	CC14	0.0366	0.1563	-0.0941	3.71E-4	2.40E-29	-5.45E-5
	CC15	0.0227	0.1682	-0.0957	3.92E-4	2.40E-29	-2.05E-5
	CC16	-0.0195	0.1891	-0.1077	4.33E-4	1.58E-29	-1.28E-5
	CC17	-0.0333	0.2010	-0.1093	4.54E-4	1.58E-29	2.13E-5
	CC18	0.0345	-0.2142	-0.1055	-4.88E-4	-1.58E-29	-1.68E-5

	CC19	0.0207	-0.2023	-0.1071	-4.68E-4	-1.58E-29	1.73E-5
	CC20	-0.0215	-0.1814	-0.1191	-4.26E-4	-2.40E-29	2.50E-5
	CC21	-0.0354	-0.1695	-0.1207	-4.05E-4	-2.40E-29	5.90E-5
629	CC1	-0.0002	-0.0057	-0.1117	-1.54E-5	0.00E+0	2.22E-6
	CC2	-0.0002	-0.0057	-0.1117	-1.54E-5	0.00E+0	2.22E-6
	CC3	-0.0002	-0.0057	-0.1117	-1.54E-5	0.00E+0	2.22E-6
	CC4	-0.0001	-0.0053	-0.1075	-1.44E-5	0.00E+0	2.19E-6
	CC5	-0.0001	-0.0053	-0.1075	-1.44E-5	0.00E+0	2.19E-6
	CC6	0.0774	-0.0086	-0.0851	8.32E-6	8.79E-3	-6.35E-5
	CC7	0.0741	-0.0055	-0.0854	1.34E-5	8.79E-3	-5.51E-5
	CC8	0.0767	-0.0980	-0.0884	-2.36E-4	3.47E-3	-5.43E-5
	CC9	0.0734	-0.0948	-0.0887	-2.31E-4	3.47E-3	-4.58E-5
	CC10	-0.0737	0.0844	-0.1234	2.02E-4	-3.47E-3	5.02E-5
	CC11	-0.0770	0.0876	-0.1238	2.07E-4	-3.47E-3	5.86E-5
	CC12	-0.0743	-0.0049	-0.1267	-4.17E-5	-8.79E-3	5.94E-5
	CC13	-0.0776	-0.0018	-0.1271	-3.65E-5	-8.79E-3	6.79E-5
	CC14	0.0291	0.1246	-0.0943	3.55E-4	1.07E-29	-4.42E-5
	CC15	0.0181	0.1350	-0.0954	3.72E-4	1.07E-29	-1.63E-5
	CC16	-0.0162	0.1525	-0.1058	4.13E-4	7.02E-3	-1.01E-5
	CC17	-0.0272	0.1629	-0.1069	4.30E-4	7.02E-3	1.78E-5
	CC18	0.0269	-0.1733	-0.1053	-4.58E-4	-7.02E-3	-1.35E-5
	CC19	0.0160	-0.1629	-0.1064	-4.41E-4	-7.02E-3	1.45E-5
	CC20	-0.0184	-0.1454	-0.1168	-4.00E-4	-1.07E-29	2.06E-5
	CC21	-0.0294	-0.1350	-0.1179	-3.83E-4	-1.07E-29	4.86E-5
630	CC1	-0.0010	-0.0042	-0.1097	-1.71E-5	0.00E+0	2.02E-6
	CC2	-0.0010	-0.0042	-0.1097	-1.71E-5	0.00E+0	2.02E-6
	CC3	-0.0010	-0.0042	-0.1097	-1.71E-5	0.00E+0	2.02E-6
	CC4	-0.0009	-0.0040	-0.1056	-1.61E-5	0.00E+0	1.96E-6
	CC5	-0.0009	-0.0040	-0.1056	-1.61E-5	0.00E+0	1.96E-6
	CC6	0.0580	-0.0094	-0.0837	-1.15E-6	9.33E-3	-4.85E-5
	CC7	0.0555	-0.0067	-0.0840	4.26E-6	9.33E-3	-4.20E-5
	CC8	0.0573	-0.0778	-0.0869	-2.32E-4	3.71E-3	-4.26E-5
	CC9	0.0549	-0.0751	-0.0872	-2.27E-4	3.71E-3	-3.60E-5
	CC10	-0.0566	0.0673	-0.1213	1.96E-4	-3.71E-3	3.99E-5
	CC11	-0.0590	0.0700	-0.1216	2.01E-4	-3.71E-3	4.64E-5
	CC12	-0.0573	-0.0011	-0.1245	-3.57E-5	-9.33E-3	4.58E-5
	CC13	-0.0597	0.0016	-0.1248	-3.03E-5	-9.33E-3	5.24E-5
	CC14	0.0215	0.0942	-0.0928	3.31E-4	1.13E-29	-3.20E-5
	CC15	0.0134	0.1031	-0.0938	3.49E-4	1.13E-29	-1.04E-5
	CC16	-0.0129	0.1172	-0.1040	3.90E-4	7.42E-3	-5.45E-6
	CC17	-0.0210	0.1261	-0.1051	4.08E-4	7.42E-3	1.61E-5
	CC18	0.0192	-0.1339	-0.1034	-4.40E-4	-7.42E-3	-1.22E-5
	CC19	0.0112	-0.1250	-0.1045	-4.22E-4	-7.42E-3	9.33E-6
	CC20	-0.0151	-0.1109	-0.1147	-3.81E-4	-1.13E-29	1.43E-5
	CC21	-0.0232	-0.1020	-0.1157	-3.63E-4	-1.13E-29	3.59E-5
631	CC1	-0.0011	-0.0044	-0.1074	-1.77E-5	0.00E+0	1.84E-6
	CC2	-0.0011	-0.0044	-0.1074	-1.77E-5	0.00E+0	1.84E-6
	CC3	-0.0011	-0.0044	-0.1074	-1.77E-5	0.00E+0	1.84E-6
	CC4	-0.0010	-0.0041	-0.1035	-1.66E-5	0.00E+0	1.69E-6
	CC5	-0.0010	-0.0041	-0.1035	-1.66E-5	0.00E+0	1.69E-6
	CC6	0.0594	-0.0036	-0.0622	1.88E-5	1.37E-29	-5.29E-5
	CC7	0.0569	-0.0017	-0.0635	2.15E-5	1.37E-29	-4.61E-5
	CC8	0.0587	-0.0729	-0.0655	-2.17E-4	5.46E-3	-4.55E-5
	CC9	0.0562	-0.0710	-0.0668	-2.15E-4	5.46E-3	-3.88E-5
	CC10	-0.0582	0.0630	-0.1377	1.82E-4	-5.46E-3	4.21E-5
	CC11	-0.0607	0.0649	-0.1390	1.85E-4	-5.46E-3	4.88E-5
	CC12	-0.0589	-0.0063	-0.1410	-5.41E-5	-1.37E-29	4.94E-5
	CC13	-0.0614	-0.0044	-0.1423	-5.13E-5	-1.37E-29	5.62E-5
	CC14	0.0220	0.0983	-0.0833	3.48E-4	1.66E-29	-3.60E-5
	CC15	0.0136	0.1046	-0.0875	3.57E-4	1.66E-29	-1.37E-5
	CC16	-0.0133	0.1182	-0.1060	3.97E-4	1.09E-29	-7.53E-6
	CC17	-0.0217	0.1246	-0.1102	4.06E-4	1.09E-29	1.48E-5
	CC18	0.0197	-0.1326	-0.0943	-4.39E-4	-1.09E-29	-1.15E-5
	CC19	0.0113	-0.1263	-0.0985	-4.30E-4	-1.09E-29	1.08E-5
	CC20	-0.0156	-0.1126	-0.1170	-3.90E-4	-1.66E-29	1.70E-5
	CC21	-0.0239	-0.1063	-0.1211	-3.81E-4	-1.66E-29	3.93E-5
632	CC1	-0.0009	-0.0059	-0.1085	-1.80E-5	0.00E+0	2.51E-6
	CC2	-0.0009	-0.0059	-0.1085	-1.80E-5	0.00E+0	2.51E-6
	CC3	-0.0009	-0.0059	-0.1085	-1.80E-5	0.00E+0	2.51E-6
	CC4	-0.0008	-0.0056	-0.1046	-1.69E-5	0.00E+0	2.34E-6
	CC5	-0.0008	-0.0056	-0.1046	-1.69E-5	0.00E+0	2.34E-6
	CC6	0.0759	-0.0014	-0.0594	2.85E-5	1.46E-29	-6.53E-5

	CC7	0.0727	0.0008	-0.0608	3.08E-5	1.46E-29	-5.70E-5
	CC8	0.0753	-0.0918	-0.0628	-2.18E-4	5.78E-3	-5.52E-5
	CC9	0.0720	-0.0897	-0.0642	-2.15E-4	5.78E-3	-4.69E-5
	CC10	-0.0735	0.0788	-0.1424	1.82E-4	-5.78E-3	5.14E-5
	CC11	-0.0768	0.0809	-0.1438	1.85E-4	-5.78E-3	5.97E-5
	CC12	-0.0742	-0.0117	-0.1458	-6.38E-5	-1.46E-29	6.15E-5
	CC13	-0.0775	-0.0095	-0.1472	-6.16E-5	-1.46E-29	6.99E-5
	CC14	0.0282	0.1298	-0.0828	3.67E-4	1.77E-29	-4.59E-5
	CC15	0.0173	0.1369	-0.0875	3.74E-4	1.77E-29	-1.84E-5
	CC16	-0.0167	0.1538	-0.1077	4.13E-4	1.16E-29	-1.09E-5
	CC17	-0.0275	0.1609	-0.1124	4.21E-4	1.16E-29	1.66E-5
	CC18	0.0260	-0.1718	-0.0942	-4.54E-4	-1.16E-29	-1.21E-5
	CC19	0.0151	-0.1647	-0.0989	-4.46E-4	-1.16E-29	1.54E-5
	CC20	-0.0189	-0.1478	-0.1191	-4.07E-4	-1.77E-29	2.29E-5
	CC21	-0.0298	-0.1407	-0.1238	-4.00E-4	-1.77E-29	5.04E-5
633	CC1	-0.0005	-0.0076	-0.1099	-2.00E-5	0.00E+0	3.40E-6
	CC2	-0.0005	-0.0076	-0.1099	-2.00E-5	0.00E+0	3.40E-6
	CC3	-0.0005	-0.0076	-0.1099	-2.00E-5	0.00E+0	3.40E-6
	CC4	-0.0004	-0.0071	-0.1059	-1.86E-5	0.00E+0	3.20E-6
	CC5	-0.0004	-0.0071	-0.1059	-1.86E-5	0.00E+0	3.20E-6
	CC6	0.0935	0.0016	-0.0607	3.08E-5	2.19E-29	-7.68E-5
	CC7	0.0894	0.0040	-0.0621	3.38E-5	2.19E-29	-6.69E-5
	CC8	0.0929	-0.1109	-0.0642	-2.34E-4	8.77E-3	-6.42E-5
	CC9	0.0888	-0.1085	-0.0656	-2.31E-4	8.77E-3	-5.43E-5
	CC10	-0.0896	0.0946	-0.1434	1.94E-4	-8.77E-3	6.05E-5
	CC11	-0.0937	0.0969	-0.1448	1.97E-4	-8.77E-3	7.05E-5
	CC12	-0.0902	-0.0179	-0.1470	-7.02E-5	-2.19E-29	7.31E-5
	CC13	-0.0943	-0.0155	-0.1484	-6.72E-5	-2.19E-29	8.31E-5
	CC14	0.0349	0.1626	-0.0838	3.93E-4	2.65E-29	-5.50E-5
	CC15	0.0214	0.1705	-0.0885	4.03E-4	2.65E-29	-2.20E-5
	CC16	-0.0200	0.1905	-0.1087	4.42E-4	1.73E-29	-1.38E-5
	CC17	-0.0336	0.1984	-0.1133	4.52E-4	1.73E-29	1.93E-5
	CC18	0.0328	-0.2123	-0.0957	-4.88E-4	-1.73E-29	-1.30E-5
	CC19	0.0193	-0.2044	-0.1004	-4.78E-4	-1.73E-29	2.00E-5
	CC20	-0.0221	-0.1844	-0.1205	-4.39E-4	-2.65E-29	2.82E-5
	CC21	-0.0356	-0.1765	-0.1252	-4.29E-4	-2.65E-29	6.13E-5
634	CC1	-0.0009	-0.0046	-0.1073	-1.85E-5	0.00E+0	1.82E-6
	CC2	-0.0009	-0.0046	-0.1073	-1.85E-5	0.00E+0	1.82E-6
	CC3	-0.0009	-0.0046	-0.1073	-1.85E-5	0.00E+0	1.82E-6
	CC4	-0.0008	-0.0043	-0.1035	-1.75E-5	0.00E+0	1.66E-6
	CC5	-0.0008	-0.0043	-0.1035	-1.75E-5	0.00E+0	1.66E-6
	CC6	0.0595	0.0030	-0.0788	3.76E-5	1.94E-29	-5.03E-5
	CC7	0.0570	0.0040	-0.0793	3.80E-5	1.94E-29	-4.37E-5
	CC8	0.0588	-0.0670	-0.0822	-2.01E-4	7.64E-3	-4.55E-5
	CC9	0.0563	-0.0660	-0.0827	-2.01E-4	7.64E-3	-3.89E-5
	CC10	-0.0578	0.0575	-0.1216	1.67E-4	-7.64E-3	4.21E-5
	CC11	-0.0603	0.0586	-0.1221	1.67E-4	-7.64E-3	4.87E-5
	CC12	-0.0585	-0.0125	-0.1250	-7.22E-5	-1.94E-29	4.69E-5
	CC13	-0.0610	-0.0114	-0.1255	-7.18E-5	-1.94E-29	5.35E-5
	CC14	0.0221	0.1025	-0.0893	3.61E-4	2.36E-29	-3.12E-5
	CC15	0.0138	0.1060	-0.0910	3.62E-4	2.36E-29	-9.42E-6
	CC16	-0.0130	0.1189	-0.1021	4.00E-4	1.55E-29	-3.44E-6
	CC17	-0.0213	0.1224	-0.1038	4.01E-4	1.55E-29	1.83E-5
	CC18	0.0199	-0.1308	-0.1005	-4.35E-4	-1.55E-29	-1.51E-5
	CC19	0.0115	-0.1273	-0.1022	-4.34E-4	-1.55E-29	6.65E-6
	CC20	-0.0153	-0.1144	-0.1134	-3.96E-4	-2.36E-29	1.26E-5
	CC21	-0.0236	-0.1110	-0.1151	-3.95E-4	-2.36E-29	3.44E-5
635	CC1	-0.0010	-0.0045	-0.1074	-1.79E-5	0.00E+0	1.78E-6
	CC2	-0.0010	-0.0045	-0.1074	-1.79E-5	0.00E+0	1.78E-6
	CC3	-0.0010	-0.0045	-0.1074	-1.79E-5	0.00E+0	1.78E-6
	CC4	-0.0009	-0.0042	-0.1035	-1.69E-5	0.00E+0	1.63E-6
	CC5	-0.0009	-0.0042	-0.1035	-1.69E-5	0.00E+0	1.63E-6
	CC6	0.0589	-0.0007	-0.0702	2.47E-5	1.78E-29	-5.06E-5
	CC7	0.0565	0.0008	-0.0711	2.67E-5	1.78E-29	-4.41E-5
	CC8	0.0583	-0.0703	-0.0735	-2.12E-4	7.06E-3	-4.48E-5
	CC9	0.0558	-0.0688	-0.0744	-2.10E-4	7.06E-3	-3.82E-5
	CC10	-0.0576	0.0606	-0.1300	1.77E-4	-7.06E-3	4.14E-5
	CC11	-0.0601	0.0621	-0.1309	1.79E-4	-7.06E-3	4.80E-5
	CC12	-0.0582	-0.0090	-0.1334	-5.98E-5	-1.78E-29	4.72E-5
	CC13	-0.0607	-0.0075	-0.1343	-5.78E-5	-1.78E-29	5.38E-5
	CC14	0.0218	0.1002	-0.0862	3.52E-4	2.17E-29	-3.28E-5
	CC15	0.0136	0.1053	-0.0892	3.59E-4	2.17E-29	-1.10E-5

	CC16	-0.0131	0.1186	-0.1042	3.98E-4	1.42E-29	-5.21E-6
	CC17	-0.0214	0.1237	-0.1071	4.05E-4	1.42E-29	1.66E-5
	CC18	0.0196	-0.1319	-0.0973	-4.38E-4	-1.42E-29	-1.34E-5
	CC19	0.0113	-0.1268	-0.1003	-4.31E-4	-1.42E-29	8.38E-6
	CC20	-0.0154	-0.1135	-0.1153	-3.92E-4	-2.17E-29	1.42E-5
	CC21	-0.0236	-0.1084	-0.1182	-3.85E-4	-2.17E-29	3.60E-5
636	CC1	-0.0004	-0.0080	-0.1099	-2.12E-5	0.00E+0	2.13E-6
	CC2	-0.0004	-0.0080	-0.1099	-2.12E-5	0.00E+0	2.13E-6
	CC3	-0.0004	-0.0080	-0.1099	-2.12E-5	0.00E+0	2.13E-6
	CC4	-0.0003	-0.0075	-0.1059	-1.98E-5	0.00E+0	1.97E-6
	CC5	-0.0003	-0.0075	-0.1059	-1.98E-5	0.00E+0	1.97E-6
	CC6	0.0927	0.0121	-0.0794	4.94E-5	3.94E-3	-7.83E-5
	CC7	0.0886	0.0131	-0.0800	4.98E-5	3.94E-3	-6.82E-5
	CC8	0.0920	-0.1019	-0.0831	-2.18E-4	1.55E-3	-6.71E-5
	CC9	0.0880	-0.1009	-0.0837	-2.18E-4	1.55E-3	-5.70E-5
	CC10	-0.0885	0.0863	-0.1255	1.79E-4	-1.55E-3	6.08E-5
	CC11	-0.0925	0.0873	-0.1261	1.80E-4	-1.55E-3	7.10E-5
	CC12	-0.0891	-0.0278	-0.1292	-8.85E-5	-3.94E-3	7.20E-5
	CC13	-0.0932	-0.0267	-0.1298	-8.81E-5	-3.94E-3	8.21E-5
	CC14	0.0347	0.1699	-0.0905	4.07E-4	4.80E-3	-5.43E-5
	CC15	0.0213	0.1733	-0.0924	4.08E-4	4.80E-3	-2.08E-5
	CC16	-0.0197	0.1921	-0.1044	4.46E-4	3.16E-3	-1.26E-5
	CC17	-0.0331	0.1955	-0.1063	4.47E-4	3.16E-3	2.09E-5
	CC18	0.0326	-0.2102	-0.1029	-4.86E-4	-3.16E-3	-1.71E-5
	CC19	0.0192	-0.2068	-0.1048	-4.84E-4	-3.16E-3	1.64E-5
	CC20	-0.0218	-0.1879	-0.1167	-4.47E-4	-4.80E-3	2.46E-5
	CC21	-0.0352	-0.1845	-0.1186	-4.45E-4	-4.80E-3	5.81E-5
637	CC1	-0.0007	-0.0062	-0.1087	-1.84E-5	0.00E+0	1.78E-6
	CC2	-0.0007	-0.0062	-0.1087	-1.84E-5	0.00E+0	1.78E-6
	CC3	-0.0007	-0.0062	-0.1087	-1.84E-5	0.00E+0	1.78E-6
	CC4	-0.0006	-0.0059	-0.1048	-1.73E-5	0.00E+0	1.63E-6
	CC5	-0.0006	-0.0059	-0.1048	-1.73E-5	0.00E+0	1.63E-6
	CC6	0.0759	0.0073	-0.0795	4.83E-5	3.97E-29	-6.49E-5
	CC7	0.0727	0.0083	-0.0800	4.80E-5	3.97E-29	-5.65E-5
	CC8	0.0753	-0.0842	-0.0830	-2.02E-4	1.56E-29	-5.75E-5
	CC9	0.0720	-0.0832	-0.0836	-2.03E-4	1.56E-29	-4.92E-5
	CC10	-0.0731	0.0718	-0.1233	1.69E-4	-1.56E-29	5.23E-5
	CC11	-0.0764	0.0728	-0.1239	1.68E-4	-1.56E-29	6.06E-5
	CC12	-0.0738	-0.0198	-0.1269	-8.18E-5	-3.97E-29	5.97E-5
	CC13	-0.0770	-0.0188	-0.1274	-8.21E-5	-3.97E-29	6.80E-5
	CC14	0.0283	0.1355	-0.0901	3.83E-4	4.85E-29	-4.21E-5
	CC15	0.0175	0.1389	-0.0918	3.82E-4	4.85E-29	-1.45E-5
	CC16	-0.0164	0.1548	-0.1032	4.19E-4	3.19E-29	-6.96E-6
	CC17	-0.0272	0.1582	-0.1050	4.18E-4	3.19E-29	2.07E-5
	CC18	0.0261	-0.1697	-0.1019	-4.52E-4	-3.19E-29	-1.75E-5
	CC19	0.0153	-0.1663	-0.1036	-4.53E-4	-3.19E-29	1.01E-5
	CC20	-0.0186	-0.1504	-0.1150	-4.16E-4	-4.85E-29	1.77E-5
	CC21	-0.0294	-0.1470	-0.1168	-4.17E-4	-4.85E-29	4.53E-5
638	CC1	-0.0008	-0.0061	-0.1087	-1.83E-5	0.00E+0	2.35E-6
	CC2	-0.0008	-0.0061	-0.1087	-1.83E-5	0.00E+0	2.35E-6
	CC3	-0.0008	-0.0061	-0.1087	-1.83E-5	0.00E+0	2.35E-6
	CC4	-0.0007	-0.0057	-0.1047	-1.72E-5	0.00E+0	2.18E-6
	CC5	-0.0007	-0.0057	-0.1047	-1.72E-5	0.00E+0	2.18E-6
	CC6	0.0759	0.0029	-0.0704	3.73E-5	3.76E-29	-6.46E-5
	CC7	0.0727	0.0045	-0.0714	3.84E-5	3.76E-29	-5.63E-5
	CC8	0.0753	-0.0882	-0.0739	-2.11E-4	1.49E-29	-5.62E-5
	CC9	0.0720	-0.0866	-0.0749	-2.10E-4	1.49E-29	-4.79E-5
	CC10	-0.0733	0.0754	-0.1320	1.76E-4	-1.49E-29	5.21E-5
	CC11	-0.0766	0.0770	-0.1329	1.77E-4	-1.49E-29	6.05E-5
	CC12	-0.0740	-0.0157	-0.1355	-7.21E-5	-3.76E-29	6.05E-5
	CC13	-0.0773	-0.0141	-0.1364	-7.10E-5	-3.76E-29	6.89E-5
	CC14	0.0283	0.1326	-0.0868	3.74E-4	4.58E-29	-4.32E-5
	CC15	0.0174	0.1379	-0.0899	3.78E-4	4.58E-29	-1.56E-5
	CC16	-0.0165	0.1544	-0.1053	4.16E-4	3.01E-29	-8.14E-6
	CC17	-0.0274	0.1597	-0.1084	4.20E-4	3.01E-29	1.94E-5
	CC18	0.0260	-0.1709	-0.0985	-4.53E-4	-3.01E-29	-1.52E-5
	CC19	0.0152	-0.1656	-0.1016	-4.50E-4	-3.01E-29	1.24E-5
	CC20	-0.0187	-0.1491	-0.1169	-4.12E-4	-4.58E-29	1.98E-5
	CC21	-0.0296	-0.1438	-0.1200	-4.08E-4	-4.58E-29	4.74E-5
639	CC1	-0.0004	-0.0078	-0.1100	-2.06E-5	0.00E+0	2.86E-6
	CC2	-0.0004	-0.0078	-0.1100	-2.06E-5	0.00E+0	2.86E-6
	CC3	-0.0004	-0.0078	-0.1100	-2.06E-5	0.00E+0	2.86E-6

	CC4	-0.0003	-0.0073	-0.1060	-1.92E-5	0.00E+0	2.70E-6
	CC5	-0.0003	-0.0073	-0.1060	-1.92E-5	0.00E+0	2.70E-6
	CC6	0.0934	0.0068	-0.0711	3.83E-5	3.49E-29	-7.77E-5
	CC7	0.0894	0.0085	-0.0721	4.02E-5	3.49E-29	-6.76E-5
	CC8	0.0928	-0.1065	-0.0748	-2.27E-4	1.40E-29	-6.66E-5
	CC9	0.0887	-0.1048	-0.0757	-2.25E-4	1.40E-29	-5.65E-5
	CC10	-0.0893	0.0904	-0.1336	1.87E-4	-1.40E-29	6.18E-5
	CC11	-0.0933	0.0921	-0.1345	1.89E-4	-1.40E-29	7.19E-5
	CC12	-0.0899	-0.0228	-0.1372	-7.77E-5	-3.49E-29	7.29E-5
	CC13	-0.0940	-0.0211	-0.1382	-7.58E-5	-3.49E-29	8.30E-5
	CC14	0.0349	0.1662	-0.0877	3.98E-4	4.22E-29	-5.35E-5
	CC15	0.0214	0.1719	-0.0908	4.04E-4	4.22E-29	-2.00E-5
	CC16	-0.0199	0.1913	-0.1064	4.42E-4	2.75E-29	-1.17E-5
	CC17	-0.0334	0.1970	-0.1095	4.49E-4	2.75E-29	2.18E-5
	CC18	0.0329	-0.2113	-0.0998	-4.86E-4	-2.75E-29	-1.65E-5
	CC19	0.0194	-0.2056	-0.1029	-4.80E-4	-2.75E-29	1.70E-5
	CC20	-0.0220	-0.1862	-0.1185	-4.41E-4	-4.22E-29	2.53E-5
	CC21	-0.0355	-0.1806	-0.1217	-4.35E-4	-4.22E-29	5.88E-5
640	CC1	-0.0004	-0.0078	-0.1113	-2.51E-5	-1.66E-7	-3.19E-6
	CC2	-0.0004	-0.0078	-0.1113	-2.51E-5	-1.66E-7	-3.19E-6
	CC3	-0.0004	-0.0078	-0.1113	-2.51E-5	-1.66E-7	-3.19E-6
	CC4	-0.0003	-0.0073	-0.1073	-2.33E-5	-1.54E-7	-3.27E-6
	CC5	-0.0003	-0.0073	-0.1073	-2.33E-5	-1.54E-7	-3.27E-6
	CC6	0.0923	0.0394	-0.1236	9.86E-5	6.51E-7	-8.34E-5
	CC7	0.0883	0.0370	-0.1224	9.21E-5	6.08E-7	-7.34E-5
	CC8	0.0917	-0.0790	-0.1270	-1.78E-4	-1.18E-6	-7.06E-5
	CC9	0.0877	-0.0814	-0.1258	-1.85E-4	-1.22E-6	-6.06E-5
	CC10	-0.0882	0.0673	-0.0860	1.39E-4	9.19E-7	5.40E-5
	CC11	-0.0922	0.0649	-0.0848	1.33E-4	8.77E-7	6.41E-5
	CC12	-0.0888	-0.0512	-0.0894	-1.37E-4	-9.07E-7	6.68E-5
	CC13	-0.0928	-0.0536	-0.0883	-1.44E-4	-9.50E-7	7.68E-5
	CC14	0.0345	0.1901	-0.1078	4.43E-4	2.93E-6	-6.19E-5
	CC15	0.0212	0.1821	-0.1039	4.22E-4	2.78E-6	-2.86E-5
	CC16	-0.0197	0.1985	-0.0965	4.56E-4	3.01E-6	-2.06E-5
	CC17	-0.0329	0.1905	-0.0926	4.34E-4	2.86E-6	1.26E-5
	CC18	0.0324	-0.2046	-0.1192	-4.79E-4	-3.16E-6	-1.92E-5
	CC19	0.0191	-0.2126	-0.1153	-5.01E-4	-3.31E-6	1.40E-5
	CC20	-0.0217	-0.1963	-0.1079	-4.67E-4	-3.08E-6	2.20E-5
	CC21	-0.0350	-0.2042	-0.1040	-4.89E-4	-3.23E-6	5.53E-5
641	CC1	-0.0004	-0.0058	-0.1099	-2.02E-5	-1.33E-7	-2.70E-6
	CC2	-0.0004	-0.0058	-0.1099	-2.02E-5	-1.33E-7	-2.70E-6
	CC3	-0.0004	-0.0058	-0.1099	-2.02E-5	-1.33E-7	-2.70E-6
	CC4	-0.0003	-0.0054	-0.1060	-1.88E-5	-1.24E-7	-2.74E-6
	CC5	-0.0003	-0.0054	-0.1060	-1.88E-5	-1.24E-7	-2.74E-6
	CC6	0.0763	0.0303	-0.1207	9.97E-5	6.58E-7	-6.87E-5
	CC7	0.0730	0.0285	-0.1196	9.28E-5	6.13E-7	-6.05E-5
	CC8	0.0757	-0.0647	-0.1240	-1.63E-4	-1.07E-6	-6.04E-5
	CC9	0.0724	-0.0666	-0.1229	-1.69E-4	-1.12E-6	-5.21E-5
	CC10	-0.0730	0.0560	-0.0864	1.33E-4	8.77E-7	4.66E-5
	CC11	-0.0763	0.0542	-0.0853	1.26E-4	8.31E-7	5.48E-5
	CC12	-0.0736	-0.0390	-0.0897	-1.29E-4	-8.54E-7	5.49E-5
	CC13	-0.0769	-0.0408	-0.0886	-1.36E-4	-9.00E-7	6.32E-5
	CC14	0.0286	0.1523	-0.1061	4.25E-4	2.81E-6	-4.77E-5
	CC15	0.0177	0.1463	-0.1025	4.02E-4	2.66E-6	-2.03E-5
	CC16	-0.0162	0.1600	-0.0959	4.35E-4	2.87E-6	-1.32E-5
	CC17	-0.0270	0.1540	-0.0922	4.12E-4	2.72E-6	1.43E-5
	CC18	0.0264	-0.1645	-0.1171	-4.49E-4	-2.96E-6	-1.98E-5
	CC19	0.0156	-0.1705	-0.1134	-4.72E-4	-3.11E-6	7.64E-6
	CC20	-0.0183	-0.1568	-0.1068	-4.39E-4	-2.90E-6	1.48E-5
	CC21	-0.0292	-0.1628	-0.1032	-4.62E-4	-3.05E-6	4.22E-5
642	CC1	-0.0003	-0.0041	-0.1084	-1.89E-5	-1.25E-7	-1.65E-6
	CC2	-0.0003	-0.0041	-0.1084	-1.89E-5	-1.25E-7	-1.65E-6
	CC3	-0.0003	-0.0041	-0.1084	-1.89E-5	-1.25E-7	-1.65E-6
	CC4	-0.0003	-0.0038	-0.1045	-1.76E-5	-1.16E-7	-1.69E-6
	CC5	-0.0003	-0.0038	-0.1045	-1.76E-5	-1.16E-7	-1.69E-6
	CC6	0.0606	0.0448	-0.1174	9.21E-5	6.08E-7	-5.33E-5
	CC7	0.0581	0.0436	-0.1163	8.58E-5	5.66E-7	-4.67E-5
	CC8	0.0599	-0.0276	-0.1205	-1.59E-4	-1.05E-6	-4.85E-5
	CC9	0.0574	-0.0288	-0.1195	-1.65E-4	-1.09E-6	-4.20E-5
	CC10	-0.0579	0.0214	-0.0869	1.31E-4	8.64E-7	3.86E-5
	CC11	-0.0604	0.0202	-0.0859	1.25E-4	8.22E-7	4.51E-5
	CC12	-0.0585	-0.0510	-0.0901	-1.20E-4	-7.93E-7	4.33E-5

	CC13	-0.0611	-0.0522	-0.0891	-1.26E-4	-8.35E-7	4.98E-5
	CC14	0.0228	0.1226	-0.1042	4.06E-4	2.68E-6	-3.42E-5
	CC15	0.0144	0.1185	-0.1008	3.85E-4	2.54E-6	-1.25E-5
	CC16	-0.0127	0.1155	-0.0951	4.18E-4	2.76E-6	-6.64E-6
	CC17	-0.0211	0.1115	-0.0917	3.97E-4	2.62E-6	1.50E-5
	CC18	0.0206	-0.1189	-0.1148	-4.31E-4	-2.85E-6	-1.85E-5
	CC19	0.0122	-0.1229	-0.1114	-4.52E-4	-2.98E-6	3.22E-6
	CC20	-0.0149	-0.1259	-0.1056	-4.19E-4	-2.77E-6	9.08E-6
	CC21	-0.0233	-0.1300	-0.1022	-4.40E-4	-2.91E-6	3.08E-5
643	CC1	-0.0005	-0.0043	-0.1081	-1.91E-5	-1.26E-7	-2.96E-6
	CC2	-0.0005	-0.0043	-0.1081	-1.91E-5	-1.26E-7	-2.96E-6
	CC3	-0.0005	-0.0043	-0.1081	-1.91E-5	-1.26E-7	-2.96E-6
	CC4	-0.0004	-0.0040	-0.1042	-1.79E-5	-1.18E-7	-2.90E-6
	CC5	-0.0004	-0.0040	-0.1042	-1.79E-5	-1.18E-7	-2.90E-6
	CC6	0.0603	0.0166	-0.1080	7.74E-5	5.11E-7	-5.52E-5
	CC7	0.0577	0.0159	-0.1074	7.29E-5	4.81E-7	-4.86E-5
	CC8	0.0596	-0.0554	-0.1113	-1.71E-4	-1.13E-6	-4.82E-5
	CC9	0.0571	-0.0560	-0.1106	-1.76E-4	-1.16E-6	-4.16E-5
	CC10	-0.0579	0.0482	-0.0952	1.41E-4	9.28E-7	3.58E-5
	CC11	-0.0604	0.0475	-0.0945	1.36E-4	8.98E-7	4.24E-5
	CC12	-0.0585	-0.0238	-0.0984	-1.08E-4	-7.12E-7	4.29E-5
	CC13	-0.0610	-0.0244	-0.0978	-1.12E-4	-7.42E-7	4.95E-5
	CC14	0.0226	0.1122	-0.1005	3.95E-4	2.60E-6	-3.92E-5
	CC15	0.0142	0.1102	-0.0984	3.80E-4	2.51E-6	-1.74E-5
	CC16	-0.0128	0.1217	-0.0966	4.14E-4	2.73E-6	-1.19E-5
	CC17	-0.0212	0.1196	-0.0945	3.99E-4	2.63E-6	9.92E-6
	CC18	0.0204	-0.1275	-0.1113	-4.34E-4	-2.86E-6	-1.57E-5
	CC19	0.0120	-0.1295	-0.1092	-4.49E-4	-2.96E-6	6.17E-6
	CC20	-0.0150	-0.1180	-0.1075	-4.15E-4	-2.74E-6	1.16E-5
	CC21	-0.0234	-0.1201	-0.1054	-4.30E-4	-2.84E-6	3.35E-5
644	CC1	-0.0006	-0.0046	-0.1077	-1.92E-5	-1.26E-7	-2.95E-6
	CC2	-0.0006	-0.0046	-0.1077	-1.92E-5	-1.26E-7	-2.95E-6
	CC3	-0.0006	-0.0046	-0.1077	-1.92E-5	-1.26E-7	-2.95E-6
	CC4	-0.0005	-0.0043	-0.1038	-1.80E-5	-1.19E-7	-2.86E-6
	CC5	-0.0005	-0.0043	-0.1038	-1.80E-5	-1.19E-7	-2.86E-6
	CC6	0.0601	0.0115	-0.0961	6.29E-5	4.15E-7	-5.59E-5
	CC7	0.0576	0.0115	-0.0959	6.01E-5	3.97E-7	-4.92E-5
	CC8	0.0594	-0.0596	-0.0995	-1.81E-4	-1.19E-6	-4.64E-5
	CC9	0.0569	-0.0596	-0.0992	-1.84E-4	-1.21E-6	-3.98E-5
	CC10	-0.0579	0.0513	-0.1059	1.49E-4	9.81E-7	3.41E-5
	CC11	-0.0604	0.0513	-0.1056	1.46E-4	9.62E-7	4.08E-5
	CC12	-0.0585	-0.0199	-0.1092	-9.53E-5	-6.29E-7	4.36E-5
	CC13	-0.0611	-0.0199	-0.1090	-9.81E-5	-6.47E-7	5.03E-5
	CC14	0.0225	0.1085	-0.0959	3.81E-4	2.51E-6	-4.31E-5
	CC15	0.0141	0.1084	-0.0951	3.71E-4	2.45E-6	-2.11E-5
	CC16	-0.0129	0.1204	-0.0989	4.06E-4	2.68E-6	-1.61E-5
	CC17	-0.0213	0.1203	-0.0980	3.97E-4	2.62E-6	5.91E-6
	CC18	0.0203	-0.1287	-0.1071	-4.32E-4	-2.85E-6	-1.16E-5
	CC19	0.0119	-0.1288	-0.1062	-4.42E-4	-2.91E-6	1.05E-5
	CC20	-0.0151	-0.1168	-0.1100	-4.07E-4	-2.68E-6	1.55E-5
	CC21	-0.0235	-0.1169	-0.1092	-4.16E-4	-2.74E-6	3.75E-5
645	CC1	-0.0003	-0.0080	-0.1108	-2.41E-5	-1.59E-7	-1.91E-6
	CC2	-0.0003	-0.0080	-0.1108	-2.41E-5	-1.59E-7	-1.91E-6
	CC3	-0.0003	-0.0080	-0.1108	-2.41E-5	-1.59E-7	-1.91E-6
	CC4	-0.0002	-0.0075	-0.1067	-2.24E-5	-1.48E-7	-2.08E-6
	CC5	-0.0002	-0.0075	-0.1067	-2.24E-5	-1.48E-7	-2.08E-6
	CC6	0.0919	0.0320	-0.1123	8.55E-5	5.64E-7	-8.24E-5
	CC7	0.0879	0.0305	-0.1116	8.09E-5	5.34E-7	-7.23E-5
	CC8	0.0913	-0.0853	-0.1159	-1.88E-4	-1.24E-6	-6.91E-5
	CC9	0.0873	-0.0868	-0.1152	-1.93E-4	-1.27E-6	-5.90E-5
	CC10	-0.0877	0.0721	-0.0957	1.49E-4	9.86E-7	5.47E-5
	CC11	-0.0917	0.0706	-0.0950	1.45E-4	9.55E-7	6.48E-5
	CC12	-0.0883	-0.0451	-0.0992	-1.25E-4	-8.22E-7	6.81E-5
	CC13	-0.0923	-0.0466	-0.0985	-1.29E-4	-8.52E-7	7.81E-5
	CC14	0.0344	0.1845	-0.1032	4.33E-4	2.86E-6	-6.16E-5
	CC15	0.0211	0.1796	-0.1008	4.18E-4	2.76E-6	-2.82E-5
	CC16	-0.0195	0.1966	-0.0982	4.52E-4	2.98E-6	-2.04E-5
	CC17	-0.0327	0.1916	-0.0958	4.37E-4	2.88E-6	1.29E-5
	CC18	0.0323	-0.2063	-0.1150	-4.80E-4	-3.17E-6	-1.72E-5
	CC19	0.0191	-0.2112	-0.1126	-4.95E-4	-3.27E-6	1.61E-5
	CC20	-0.0216	-0.1942	-0.1100	-4.61E-4	-3.04E-6	2.39E-5
	CC21	-0.0348	-0.1992	-0.1076	-4.76E-4	-3.14E-6	5.73E-5

646	CC1	-0.0005	-0.0061	-0.1095	-2.09E-5	-1.38E-7	-2.82E-6
	CC2	-0.0005	-0.0061	-0.1095	-2.09E-5	-1.38E-7	-2.82E-6
	CC3	-0.0005	-0.0061	-0.1095	-2.09E-5	-1.38E-7	-2.82E-6
	CC4	-0.0004	-0.0057	-0.1055	-1.95E-5	-1.29E-7	-2.85E-6
	CC5	-0.0004	-0.0057	-0.1055	-1.95E-5	-1.29E-7	-2.85E-6
	CC6	0.0759	0.0241	-0.1103	8.46E-5	5.59E-7	-6.93E-5
	CC7	0.0726	0.0230	-0.1096	7.95E-5	5.25E-7	-6.10E-5
	CC8	0.0752	-0.0701	-0.1137	-1.73E-4	-1.14E-6	-5.87E-5
	CC9	0.0720	-0.0712	-0.1130	-1.78E-4	-1.18E-6	-5.04E-5
	CC10	-0.0727	0.0601	-0.0954	1.40E-4	9.27E-7	4.47E-5
	CC11	-0.0759	0.0591	-0.0948	1.35E-4	8.93E-7	5.30E-5
	CC12	-0.0733	-0.0341	-0.0988	-1.18E-4	-7.76E-7	5.52E-5
	CC13	-0.0766	-0.0351	-0.0981	-1.23E-4	-8.10E-7	6.35E-5
	CC14	0.0284	0.1479	-0.1019	4.11E-4	2.71E-6	-5.13E-5
	CC15	0.0176	0.1444	-0.0997	3.94E-4	2.60E-6	-2.38E-5
	CC16	-0.0162	0.1587	-0.0975	4.28E-4	2.82E-6	-1.71E-5
	CC17	-0.0270	0.1552	-0.0952	4.11E-4	2.71E-6	1.03E-5
	CC18	0.0263	-0.1662	-0.1132	-4.49E-4	-2.96E-6	-1.60E-5
	CC19	0.0155	-0.1697	-0.1110	-4.66E-4	-3.07E-6	1.14E-5
	CC20	-0.0183	-0.1554	-0.1088	-4.32E-4	-2.85E-6	1.81E-5
	CC21	-0.0291	-0.1589	-0.1065	-4.49E-4	-2.96E-6	4.56E-5
647	CC1	-0.0005	-0.0063	-0.1090	-1.97E-5	-1.30E-7	-1.86E-6
	CC2	-0.0005	-0.0063	-0.1090	-1.97E-5	-1.30E-7	-1.86E-6
	CC3	-0.0005	-0.0063	-0.1090	-1.97E-5	-1.30E-7	-1.86E-6
	CC4	-0.0004	-0.0059	-0.1051	-1.85E-5	-1.22E-7	-1.90E-6
	CC5	-0.0004	-0.0059	-0.1051	-1.85E-5	-1.22E-7	-1.90E-6
	CC6	0.0757	0.0179	-0.0972	7.18E-5	4.74E-7	-6.88E-5
	CC7	0.0725	0.0176	-0.0970	6.85E-5	4.52E-7	-6.05E-5
	CC8	0.0751	-0.0753	-0.1007	-1.84E-4	-1.21E-6	-5.58E-5
	CC9	0.0718	-0.0756	-0.1005	-1.87E-4	-1.23E-6	-4.75E-5
	CC10	-0.0726	0.0641	-0.1071	1.51E-4	9.95E-7	4.37E-5
	CC11	-0.0759	0.0638	-0.1069	1.47E-4	9.73E-7	5.20E-5
	CC12	-0.0733	-0.0290	-0.1106	-1.05E-4	-6.91E-7	5.66E-5
	CC13	-0.0765	-0.0293	-0.1104	-1.08E-4	-7.13E-7	6.50E-5
	CC14	0.0283	0.1431	-0.0969	4.01E-4	2.65E-6	-5.42E-5
	CC15	0.0175	0.1421	-0.0961	3.90E-4	2.57E-6	-2.66E-5
	CC16	-0.0162	0.1570	-0.0999	4.25E-4	2.80E-6	-2.05E-5
	CC17	-0.0270	0.1559	-0.0990	4.14E-4	2.73E-6	7.18E-6
	CC18	0.0262	-0.1674	-0.1086	-4.50E-4	-2.97E-6	-1.10E-5
	CC19	0.0154	-0.1684	-0.1077	-4.61E-4	-3.04E-6	1.66E-5
	CC20	-0.0183	-0.1536	-0.1116	-4.26E-4	-2.81E-6	2.27E-5
	CC21	-0.0291	-0.1546	-0.1107	-4.37E-4	-2.89E-6	5.04E-5
648	CC1	-0.0003	-0.0081	-0.1103	-2.27E-5	-1.50E-7	-4.22E-7
	CC2	-0.0003	-0.0081	-0.1103	-2.27E-5	-1.50E-7	-4.22E-7
	CC3	-0.0003	-0.0081	-0.1103	-2.27E-5	-1.50E-7	-4.22E-7
	CC4	-0.0003	-0.0076	-0.1063	-2.12E-5	-1.40E-7	-6.27E-7
	CC5	-0.0003	-0.0076	-0.1063	-2.12E-5	-1.40E-7	-6.27E-7
	CC6	0.0919	0.0246	-0.0983	7.25E-5	4.79E-7	-8.10E-5
	CC7	0.0879	0.0240	-0.0980	6.98E-5	4.61E-7	-7.09E-5
	CC8	0.0913	-0.0914	-0.1019	-2.00E-4	-1.32E-6	-6.70E-5
	CC9	0.0873	-0.0920	-0.1016	-2.02E-4	-1.34E-6	-5.69E-5
	CC10	-0.0877	0.0771	-0.1083	1.61E-4	1.06E-6	5.55E-5
	CC11	-0.0917	0.0765	-0.1080	1.58E-4	1.04E-6	6.56E-5
	CC12	-0.0883	-0.0389	-0.1119	-1.11E-4	-7.33E-7	6.95E-5
	CC13	-0.0923	-0.0395	-0.1117	-1.14E-4	-7.52E-7	7.96E-5
	CC14	0.0344	0.1790	-0.0979	4.24E-4	2.80E-6	-6.12E-5
	CC15	0.0211	0.1771	-0.0970	4.15E-4	2.74E-6	-2.78E-5
	CC16	-0.0195	0.1947	-0.1009	4.51E-4	2.97E-6	-2.02E-5
	CC17	-0.0328	0.1928	-0.1000	4.42E-4	2.91E-6	1.32E-5
	CC18	0.0323	-0.2077	-0.1100	-4.83E-4	-3.19E-6	-1.46E-5
	CC19	0.0191	-0.2096	-0.1091	-4.92E-4	-3.25E-6	1.88E-5
	CC20	-0.0216	-0.1920	-0.1130	-4.56E-4	-3.01E-6	2.64E-5
	CC21	-0.0348	-0.1939	-0.1121	-4.65E-4	-3.07E-6	5.98E-5
649	CC1	0.0006	-0.0080	-0.0945	4.02E-7	-4.32E-6	4.12E-6
	CC2	0.0006	-0.0080	-0.0945	4.02E-7	-4.32E-6	4.12E-6
	CC3	0.0006	-0.0080	-0.0945	4.02E-7	-4.32E-6	4.12E-6
	CC4	0.0006	-0.0075	-0.0917	3.90E-7	-4.20E-6	3.95E-6
	CC5	0.0006	-0.0075	-0.0917	3.90E-7	-4.20E-6	3.95E-6
	CC6	0.0771	0.0160	-0.0705	1.40E-5	-1.50E-4	-7.82E-5
	CC7	0.0785	0.0166	-0.0695	1.42E-5	-1.52E-4	-6.79E-5
	CC8	0.0830	-0.0986	-0.0508	1.34E-5	-1.44E-4	-6.40E-5
	CC9	0.0844	-0.0981	-0.0498	1.36E-5	-1.46E-4	-5.37E-5

	CC10	-0.0831	0.0834	-0.1318	-1.28E-5	1.38E-4	6.15E-5
	CC11	-0.0817	0.0840	-0.1308	-1.26E-5	1.35E-4	7.18E-5
	CC12	-0.0772	-0.0312	-0.1121	-1.34E-5	1.44E-4	7.57E-5
	CC13	-0.0758	-0.0306	-0.1111	-1.32E-5	1.42E-4	8.60E-5
	CC14	0.0126	0.1727	-0.1161	4.99E-6	-5.36E-5	-5.79E-5
	CC15	0.0172	0.1746	-0.1128	5.74E-6	-6.17E-5	-2.37E-5
	CC16	-0.0355	0.1929	-0.1345	-3.04E-6	3.27E-5	-1.60E-5
	CC17	-0.0309	0.1948	-0.1312	-2.30E-6	2.47E-5	1.82E-5
	CC18	0.0322	-0.2094	-0.0504	3.07E-6	-3.30E-5	-1.04E-5
	CC19	0.0368	-0.2075	-0.0471	3.82E-6	-4.10E-5	2.37E-5
	CC20	-0.0159	-0.1892	-0.0688	-4.97E-6	5.34E-5	3.15E-5
	CC21	-0.0113	-0.1873	-0.0655	-4.22E-6	4.53E-5	6.56E-5
650	CC1	0.0000	-0.0059	-0.0940	3.66E-7	-3.94E-6	4.00E-6
	CC2	0.0000	-0.0059	-0.0940	3.66E-7	-3.94E-6	4.00E-6
	CC3	0.0000	-0.0059	-0.0940	3.66E-7	-3.94E-6	4.00E-6
	CC4	0.0001	-0.0055	-0.0913	3.69E-7	-3.97E-6	3.86E-6
	CC5	0.0001	-0.0055	-0.0913	3.69E-7	-3.97E-6	3.86E-6
	CC6	0.0644	0.0115	-0.0704	1.44E-5	-1.55E-4	-6.44E-5
	CC7	0.0656	0.0121	-0.0693	1.46E-5	-1.57E-4	-5.59E-5
	CC8	0.0688	-0.0802	-0.0519	1.37E-5	-1.47E-4	-5.31E-5
	CC9	0.0700	-0.0796	-0.0509	1.39E-5	-1.50E-4	-4.45E-5
	CC10	-0.0697	0.0687	-0.1299	-1.32E-5	1.42E-4	5.22E-5
	CC11	-0.0685	0.0693	-0.1289	-1.30E-5	1.39E-4	6.07E-5
	CC12	-0.0654	-0.0229	-0.1114	-1.39E-5	1.49E-4	6.35E-5
	CC13	-0.0642	-0.0223	-0.1104	-1.36E-5	1.47E-4	7.21E-5
	CC14	0.0110	0.1377	-0.1139	5.28E-6	-5.67E-5	-4.68E-5
	CC15	0.0149	0.1397	-0.1106	6.04E-6	-6.49E-5	-1.83E-5
	CC16	-0.0292	0.1549	-0.1318	-2.99E-6	3.21E-5	-1.18E-5
	CC17	-0.0253	0.1569	-0.1284	-2.23E-6	2.40E-5	1.66E-5
	CC18	0.0256	-0.1677	-0.0524	2.97E-6	-3.19E-5	-9.01E-6
	CC19	0.0295	-0.1657	-0.0490	3.73E-6	-4.01E-5	1.94E-5
	CC20	-0.0147	-0.1506	-0.0702	-5.30E-6	5.69E-5	2.60E-5
	CC21	-0.0108	-0.1486	-0.0668	-4.54E-6	4.88E-5	5.44E-5
651	CC1	-0.0004	-0.0042	-0.0935	2.27E-7	-2.44E-6	4.03E-6
	CC2	-0.0004	-0.0042	-0.0935	2.27E-7	-2.44E-6	4.03E-6
	CC3	-0.0004	-0.0042	-0.0935	2.27E-7	-2.44E-6	4.03E-6
	CC4	-0.0004	-0.0039	-0.0908	2.38E-7	-2.56E-6	3.91E-6
	CC5	-0.0004	-0.0039	-0.0908	2.38E-7	-2.56E-6	3.91E-6
	CC6	0.0512	0.0069	-0.0705	1.48E-5	-1.59E-4	-5.05E-5
	CC7	0.0522	0.0075	-0.0695	1.51E-5	-1.62E-4	-4.37E-5
	CC8	0.0542	-0.0629	-0.0535	1.41E-5	-1.52E-4	-4.11E-5
	CC9	0.0551	-0.0623	-0.0525	1.44E-5	-1.54E-4	-3.43E-5
	CC10	-0.0558	0.0547	-0.1273	-1.39E-5	1.49E-4	4.20E-5
	CC11	-0.0549	0.0553	-0.1263	-1.36E-5	1.46E-4	4.89E-5
	CC12	-0.0528	-0.0151	-0.1103	-1.46E-5	1.57E-4	5.14E-5
	CC13	-0.0519	-0.0145	-0.1093	-1.43E-5	1.54E-4	5.82E-5
	CC14	0.0092	0.1043	-0.1114	5.34E-6	-5.73E-5	-3.69E-5
	CC15	0.0123	0.1065	-0.1081	6.19E-6	-6.65E-5	-1.43E-5
	CC16	-0.0229	0.1186	-0.1284	-3.28E-6	3.52E-5	-9.13E-6
	CC17	-0.0198	0.1208	-0.1251	-2.42E-6	2.60E-5	1.34E-5
	CC18	0.0192	-0.1284	-0.0547	2.91E-6	-3.12E-5	-5.69E-6
	CC19	0.0223	-0.1262	-0.0514	3.76E-6	-4.04E-5	1.69E-5
	CC20	-0.0130	-0.1140	-0.0718	-5.71E-6	6.13E-5	2.21E-5
	CC21	-0.0098	-0.1119	-0.0684	-4.85E-6	5.21E-5	4.46E-5
652	CC1	-0.0007	-0.0043	-0.0951	2.64E-7	-2.83E-6	3.54E-6
	CC2	-0.0007	-0.0043	-0.0951	2.64E-7	-2.83E-6	3.54E-6
	CC3	-0.0007	-0.0043	-0.0951	2.64E-7	-2.83E-6	3.54E-6
	CC4	-0.0007	-0.0040	-0.0923	2.74E-7	-2.94E-6	3.47E-6
	CC5	-0.0007	-0.0040	-0.0923	2.74E-7	-2.94E-6	3.47E-6
	CC6	0.0524	0.0072	-0.0699	1.53E-5	-1.64E-4	-4.90E-5
	CC7	0.0528	0.0078	-0.0689	1.53E-5	-1.65E-4	-4.23E-5
	CC8	0.0548	-0.0626	-0.0659	1.42E-5	-1.53E-4	-4.28E-5
	CC9	0.0552	-0.0620	-0.0650	1.43E-5	-1.54E-4	-3.62E-5
	CC10	-0.0565	0.0543	-0.1178	-1.37E-5	1.48E-4	4.31E-5
	CC11	-0.0561	0.0549	-0.1168	-1.37E-5	1.47E-4	4.97E-5
	CC12	-0.0541	-0.0155	-0.1138	-1.48E-5	1.59E-4	4.92E-5
	CC13	-0.0537	-0.0149	-0.1128	-1.47E-5	1.58E-4	5.59E-5
	CC14	0.0110	0.1044	-0.0924	6.22E-6	-6.68E-5	-3.17E-5
	CC15	0.0123	0.1064	-0.0892	6.50E-6	-6.98E-5	-9.68E-6
	CC16	-0.0217	0.1185	-0.1067	-2.48E-6	2.67E-5	-4.05E-6
	CC17	-0.0204	0.1205	-0.1036	-2.20E-6	2.37E-5	1.79E-5
	CC18	0.0191	-0.1282	-0.0791	2.76E-6	-2.96E-5	-1.10E-5

	CC19	0.0204	-0.1262	-0.0760	3.04E-6	-3.26E-5	1.09E-5
	CC20	-0.0136	-0.1141	-0.0935	-5.94E-6	6.39E-5	1.66E-5
	CC21	-0.0122	-0.1121	-0.0904	-5.67E-6	6.09E-5	3.86E-5
653	CC1	-0.0009	-0.0044	-0.0966	2.76E-7	-2.97E-6	1.69E-6
	CC2	-0.0009	-0.0044	-0.0966	2.76E-7	-2.97E-6	1.69E-6
	CC3	-0.0009	-0.0044	-0.0966	2.76E-7	-2.97E-6	1.69E-6
	CC4	-0.0009	-0.0041	-0.0937	2.85E-7	-3.06E-6	1.72E-6
	CC5	-0.0009	-0.0041	-0.0937	2.85E-7	-3.06E-6	1.72E-6
	CC6	0.0531	0.0074	-0.0681	1.56E-5	-1.67E-4	-5.17E-5
	CC7	0.0529	0.0079	-0.0672	1.55E-5	-1.67E-4	-4.51E-5
	CC8	0.0551	-0.0624	-0.0777	1.44E-5	-1.55E-4	-4.70E-5
	CC9	0.0550	-0.0619	-0.0768	1.43E-5	-1.54E-4	-4.03E-5
	CC10	-0.0567	0.0539	-0.1087	-1.37E-5	1.48E-4	4.38E-5
	CC11	-0.0568	0.0545	-0.1078	-1.38E-5	1.48E-4	5.04E-5
	CC12	-0.0546	-0.0159	-0.1184	-1.49E-5	1.60E-4	4.85E-5
	CC13	-0.0547	-0.0153	-0.1175	-1.50E-5	1.61E-4	5.51E-5
	CC14	0.0124	0.1044	-0.0721	6.80E-6	-7.30E-5	-3.14E-5
	CC15	0.0120	0.1063	-0.0691	6.55E-6	-7.04E-5	-9.55E-6
	CC16	-0.0205	0.1184	-0.0843	-1.99E-6	2.14E-5	-2.78E-6
	CC17	-0.0209	0.1202	-0.0813	-2.24E-6	2.41E-5	1.91E-5
	CC18	0.0192	-0.1282	-0.1043	2.81E-6	-3.02E-5	-1.56E-5
	CC19	0.0188	-0.1263	-0.1012	2.57E-6	-2.76E-5	6.23E-6
	CC20	-0.0137	-0.1142	-0.1165	-5.98E-6	6.42E-5	1.30E-5
	CC21	-0.0141	-0.1124	-0.1134	-6.22E-6	6.68E-5	3.49E-5
654	CC1	0.0003	-0.0081	-0.0965	3.36E-7	-3.61E-6	3.55E-6
	CC2	0.0003	-0.0081	-0.0965	3.36E-7	-3.61E-6	3.55E-6
	CC3	0.0003	-0.0081	-0.0965	3.36E-7	-3.61E-6	3.55E-6
	CC4	0.0003	-0.0075	-0.0936	3.33E-7	-3.58E-6	3.41E-6
	CC5	0.0003	-0.0075	-0.0936	3.33E-7	-3.58E-6	3.41E-6
	CC6	0.0790	0.0165	-0.0692	1.40E-5	-1.50E-4	-7.83E-5
	CC7	0.0796	0.0170	-0.0682	1.40E-5	-1.51E-4	-6.79E-5
	CC8	0.0841	-0.0982	-0.0651	1.34E-5	-1.44E-4	-6.80E-5
	CC9	0.0846	-0.0977	-0.0641	1.34E-5	-1.44E-4	-5.77E-5
	CC10	-0.0839	0.0830	-0.1212	-1.28E-5	1.37E-4	6.44E-5
	CC11	-0.0833	0.0835	-0.1202	-1.27E-5	1.36E-4	7.48E-5
	CC12	-0.0789	-0.0317	-0.1171	-1.34E-5	1.44E-4	7.47E-5
	CC13	-0.0783	-0.0312	-0.1161	-1.33E-5	1.43E-4	8.50E-5
	CC14	0.0155	0.1730	-0.0934	5.21E-6	-5.60E-5	-5.23E-5
	CC15	0.0174	0.1746	-0.0900	5.45E-6	-5.85E-5	-1.80E-5
	CC16	-0.0334	0.1929	-0.1090	-2.81E-6	3.01E-5	-9.53E-6
	CC17	-0.0315	0.1946	-0.1057	-2.57E-6	2.77E-5	2.49E-5
	CC18	0.0323	-0.2093	-0.0797	3.24E-6	-3.48E-5	-1.81E-5
	CC19	0.0341	-0.2076	-0.0763	3.47E-6	-3.73E-5	1.63E-5
	CC20	-0.0166	-0.1894	-0.0953	-4.78E-6	5.14E-5	2.47E-5
	CC21	-0.0148	-0.1877	-0.0919	-4.55E-6	4.89E-5	5.91E-5
655	CC1	-0.0003	-0.0060	-0.0958	3.79E-7	-4.07E-6	3.07E-6
	CC2	-0.0003	-0.0060	-0.0958	3.79E-7	-4.07E-6	3.07E-6
	CC3	-0.0003	-0.0060	-0.0958	3.79E-7	-4.07E-6	3.07E-6
	CC4	-0.0002	-0.0056	-0.0930	3.83E-7	-4.11E-6	3.00E-6
	CC5	-0.0002	-0.0056	-0.0930	3.83E-7	-4.11E-6	3.00E-6
	CC6	0.0661	0.0118	-0.0695	1.51E-5	-1.62E-4	-6.52E-5
	CC7	0.0666	0.0124	-0.0685	1.51E-5	-1.63E-4	-5.66E-5
	CC8	0.0697	-0.0798	-0.0654	1.41E-5	-1.52E-4	-5.57E-5
	CC9	0.0702	-0.0793	-0.0644	1.42E-5	-1.53E-4	-4.71E-5
	CC10	-0.0705	0.0683	-0.1197	-1.35E-5	1.45E-4	5.31E-5
	CC11	-0.0700	0.0688	-0.1187	-1.34E-5	1.44E-4	6.17E-5
	CC12	-0.0669	-0.0233	-0.1156	-1.44E-5	1.55E-4	6.26E-5
	CC13	-0.0664	-0.0228	-0.1146	-1.43E-5	1.54E-4	7.12E-5
	CC14	0.0135	0.1379	-0.0929	6.09E-6	-6.54E-5	-4.48E-5
	CC15	0.0151	0.1396	-0.0897	6.34E-6	-6.81E-5	-1.64E-5
	CC16	-0.0275	0.1548	-0.1080	-2.47E-6	2.65E-5	-9.28E-6
	CC17	-0.0259	0.1566	-0.1047	-2.22E-6	2.39E-5	1.91E-5
	CC18	0.0255	-0.1676	-0.0794	2.99E-6	-3.21E-5	-1.31E-5
	CC19	0.0271	-0.1658	-0.0761	3.24E-6	-3.48E-5	1.52E-5
	CC20	-0.0155	-0.1506	-0.0944	-5.57E-6	5.98E-5	2.24E-5
	CC21	-0.0139	-0.1488	-0.0912	-5.32E-6	5.72E-5	5.07E-5
656	CC1	-0.0005	-0.0061	-0.0976	4.00E-7	-4.30E-6	2.14E-6
	CC2	-0.0005	-0.0061	-0.0976	4.00E-7	-4.30E-6	2.14E-6
	CC3	-0.0005	-0.0061	-0.0976	4.00E-7	-4.30E-6	2.14E-6
	CC4	-0.0004	-0.0057	-0.0947	4.10E-7	-4.41E-6	2.09E-6
	CC5	-0.0004	-0.0057	-0.0947	4.10E-7	-4.41E-6	2.09E-6
	CC6	0.0675	0.0122	-0.0674	1.63E-5	-1.75E-4	-6.59E-5

	CC7	0.0673	0.0127	-0.0664	1.62E-5	-1.74E-4	-5.75E-5
	CC8	0.0705	-0.0796	-0.0783	1.50E-5	-1.62E-4	-5.81E-5
	CC9	0.0703	-0.0791	-0.0774	1.50E-5	-1.61E-4	-4.96E-5
	CC10	-0.0710	0.0680	-0.1101	-1.41E-5	1.52E-4	5.37E-5
	CC11	-0.0712	0.0684	-0.1091	-1.42E-5	1.53E-4	6.22E-5
	CC12	-0.0680	-0.0239	-0.1211	-1.53E-5	1.65E-4	6.16E-5
	CC13	-0.0682	-0.0234	-0.1201	-1.54E-5	1.66E-4	7.01E-5
	CC14	0.0158	0.1383	-0.0706	7.16E-6	-7.69E-5	-4.30E-5
	CC15	0.0151	0.1399	-0.0674	6.87E-6	-7.37E-5	-1.49E-5
	CC16	-0.0257	0.1550	-0.0834	-1.96E-6	2.11E-5	-7.12E-6
	CC17	-0.0264	0.1566	-0.0802	-2.25E-6	2.42E-5	2.10E-5
	CC18	0.0257	-0.1678	-0.1072	3.08E-6	-3.31E-5	-1.68E-5
	CC19	0.0250	-0.1662	-0.1040	2.79E-6	-3.00E-5	1.13E-5
	CC20	-0.0158	-0.1510	-0.1200	-6.04E-6	6.49E-5	1.91E-5
	CC21	-0.0165	-0.1494	-0.1168	-6.33E-6	6.80E-5	4.72E-5
657	CC1	0.0000	-0.0081	-0.0985	2.69E-7	-2.89E-6	2.02E-6
	CC2	0.0000	-0.0081	-0.0985	2.69E-7	-2.89E-6	2.02E-6
	CC3	0.0000	-0.0081	-0.0985	2.69E-7	-2.89E-6	2.02E-6
	CC4	0.0001	-0.0076	-0.0956	2.73E-7	-2.93E-6	1.89E-6
	CC5	0.0001	-0.0076	-0.0956	2.73E-7	-2.93E-6	1.89E-6
	CC6	0.0813	0.0170	-0.0669	1.45E-5	-1.56E-4	-7.99E-5
	CC7	0.0810	0.0175	-0.0659	1.44E-5	-1.55E-4	-6.96E-5
	CC8	0.0854	-0.0979	-0.0789	1.37E-5	-1.47E-4	-6.71E-5
	CC9	0.0851	-0.0975	-0.0779	1.36E-5	-1.46E-4	-5.68E-5
	CC10	-0.0848	0.0826	-0.1113	-1.30E-5	1.40E-4	6.05E-5
	CC11	-0.0851	0.0831	-0.1103	-1.31E-5	1.41E-4	7.08E-5
	CC12	-0.0807	-0.0323	-0.1233	-1.39E-5	1.49E-4	7.33E-5
	CC13	-0.0810	-0.0319	-0.1223	-1.39E-5	1.50E-4	8.36E-5
	CC14	0.0186	0.1736	-0.0695	5.92E-6	-6.36E-5	-5.76E-5
	CC15	0.0177	0.1750	-0.0662	5.66E-6	-6.08E-5	-2.35E-5
	CC16	-0.0312	0.1933	-0.0829	-2.34E-6	2.51E-5	-1.55E-5
	CC17	-0.0321	0.1947	-0.0795	-2.60E-6	2.79E-5	1.86E-5
	CC18	0.0325	-0.2096	-0.1096	3.14E-6	-3.38E-5	-1.49E-5
	CC19	0.0315	-0.2082	-0.1063	2.89E-6	-3.10E-5	1.92E-5
	CC20	-0.0174	-0.1899	-0.1230	-5.11E-6	5.49E-5	2.72E-5
	CC21	-0.0183	-0.1885	-0.1196	-5.37E-6	5.77E-5	6.13E-5
658	CC1	0.0012	-0.0038	-0.0972	-3.44E-5	-1.91E-6	-1.70E-5
	CC2	0.0012	-0.0038	-0.0972	-3.44E-5	-1.91E-6	-1.70E-5
	CC3	0.0012	-0.0038	-0.0972	-3.44E-5	-1.91E-6	-1.70E-5
	CC4	0.0013	-0.0034	-0.0945	-3.22E-5	-1.79E-6	-1.63E-5
	CC5	0.0013	-0.0034	-0.0945	-3.22E-5	-1.79E-6	-1.63E-5
	CC6	0.0740	0.0718	-0.1118	7.99E-5	4.44E-6	-1.20E-4
	CC7	0.0764	0.0660	-0.1117	6.66E-5	3.69E-6	-1.08E-4
	CC8	0.0815	-0.0536	-0.0981	-1.96E-4	-1.09E-5	-7.73E-5
	CC9	0.0838	-0.0594	-0.0979	-2.10E-4	-1.16E-5	-6.56E-5
	CC10	-0.0812	0.0530	-0.0893	1.47E-4	8.15E-6	3.35E-5
	CC11	-0.0789	0.0472	-0.0891	1.33E-4	7.40E-6	4.52E-5
	CC12	-0.0738	-0.0725	-0.0755	-1.29E-4	-7.19E-6	7.59E-5
	CC13	-0.0715	-0.0783	-0.0753	-1.43E-4	-7.93E-6	8.76E-5
	CC14	0.0084	0.2183	-0.1202	4.41E-4	2.45E-5	-1.29E-4
	CC15	0.0161	0.1991	-0.1196	3.97E-4	2.20E-5	-9.04E-5
	CC16	-0.0382	0.2126	-0.1134	4.61E-4	2.56E-5	-8.31E-5
	CC17	-0.0305	0.1935	-0.1128	4.17E-4	2.31E-5	-4.44E-5
	CC18	0.0331	-0.1999	-0.0743	-4.80E-4	-2.66E-5	1.23E-5
	CC19	0.0408	-0.2191	-0.0737	-5.24E-4	-2.91E-5	5.10E-5
	CC20	-0.0135	-0.2056	-0.0675	-4.60E-4	-2.55E-5	5.83E-5
	CC21	-0.0058	-0.2248	-0.0669	-5.04E-4	-2.80E-5	9.69E-5
659	CC1	0.0008	-0.0018	-0.0961	-1.31E-5	-7.30E-7	-1.39E-5
	CC2	0.0008	-0.0018	-0.0961	-1.31E-5	-7.30E-7	-1.39E-5
	CC3	0.0008	-0.0018	-0.0961	-1.31E-5	-7.30E-7	-1.39E-5
	CC4	0.0008	-0.0015	-0.0934	-1.19E-5	-6.62E-7	-1.34E-5
	CC5	0.0008	-0.0015	-0.0934	-1.19E-5	-6.62E-7	-1.34E-5
	CC6	0.0615	0.0571	-0.1096	1.12E-4	6.20E-6	-7.93E-5
	CC7	0.0634	0.0526	-0.1094	9.53E-5	5.29E-6	-7.12E-5
	CC8	0.0669	-0.0421	-0.0962	-2.12E-4	-1.18E-5	-6.99E-5
	CC9	0.0688	-0.0465	-0.0960	-2.28E-4	-1.27E-5	-6.18E-5
	CC10	-0.0671	0.0438	-0.0891	2.05E-4	1.14E-5	3.53E-5
	CC11	-0.0652	0.0393	-0.0888	1.89E-4	1.05E-5	4.33E-5
	CC12	-0.0618	-0.0554	-0.0757	-1.18E-4	-6.57E-6	4.47E-5
	CC13	-0.0599	-0.0599	-0.0754	-1.35E-4	-7.48E-6	5.27E-5
	CC14	0.0081	0.1733	-0.1183	5.41E-4	3.00E-5	-5.94E-5
	CC15	0.0144	0.1585	-0.1176	4.87E-4	2.70E-5	-3.28E-5

	CC16	-0.0305	0.1693	-0.1121	5.69E-4	3.16E-5	-2.51E-5
	CC17	-0.0242	0.1545	-0.1114	5.15E-4	2.86E-5	1.59E-6
	CC18	0.0259	-0.1572	-0.0736	-5.38E-4	-2.99E-5	-2.81E-5
	CC19	0.0322	-0.1721	-0.0729	-5.92E-4	-3.29E-5	-1.46E-6
	CC20	-0.0127	-0.1612	-0.0675	-5.10E-4	-2.83E-5	6.25E-6
	CC21	-0.0064	-0.1761	-0.0668	-5.64E-4	-3.13E-5	3.29E-5
660	CC1	0.0005	-0.0012	-0.0949	-1.35E-6	-7.52E-8	-7.53E-6
	CC2	0.0005	-0.0012	-0.0949	-1.35E-6	-7.52E-8	-7.53E-6
	CC3	0.0005	-0.0012	-0.0949	-1.35E-6	-7.52E-8	-7.53E-6
	CC4	0.0005	-0.0010	-0.0923	-6.78E-7	-3.76E-8	-7.33E-6
	CC5	0.0005	-0.0010	-0.0923	-6.78E-7	-3.76E-8	-7.33E-6
	CC6	0.0493	0.0434	-0.1069	1.70E-4	9.42E-6	-3.37E-5
	CC7	0.0508	0.0402	-0.1066	1.57E-4	8.71E-6	-2.93E-5
	CC8	0.0527	-0.0295	-0.0940	-1.01E-4	-5.58E-6	-6.27E-5
	CC9	0.0542	-0.0327	-0.0937	-1.13E-4	-6.29E-6	-5.84E-5
	CC10	-0.0532	0.0310	-0.0890	1.12E-4	6.24E-6	4.38E-5
	CC11	-0.0517	0.0278	-0.0888	9.96E-5	5.53E-6	4.82E-5
	CC12	-0.0498	-0.0419	-0.0761	-1.58E-4	-8.76E-6	1.48E-5
	CC13	-0.0483	-0.0451	-0.0758	-1.71E-4	-9.47E-6	1.92E-5
	CC14	0.0077	0.1278	-0.1160	4.80E-4	2.66E-5	2.23E-5
	CC15	0.0127	0.1172	-0.1152	4.37E-4	2.43E-5	3.67E-5
	CC16	-0.0231	0.1241	-0.1107	4.62E-4	2.57E-5	4.55E-5
	CC17	-0.0181	0.1134	-0.1098	4.20E-4	2.33E-5	6.00E-5
	CC18	0.0191	-0.1152	-0.0729	-4.21E-4	-2.34E-5	-7.45E-5
	CC19	0.0241	-0.1258	-0.0721	-4.63E-4	-2.57E-5	-6.01E-5
	CC20	-0.0116	-0.1189	-0.0675	-4.38E-4	-2.43E-5	-5.13E-5
	CC21	-0.0067	-0.1295	-0.0667	-4.81E-4	-2.67E-5	-3.68E-5
661	CC1	0.0003	-0.0020	-0.0946	-8.61E-6	-4.78E-7	-1.07E-5
	CC2	0.0003	-0.0020	-0.0946	-8.61E-6	-4.78E-7	-1.07E-5
	CC3	0.0003	-0.0020	-0.0946	-8.61E-6	-4.78E-7	-1.07E-5
	CC4	0.0004	-0.0017	-0.0919	-7.61E-6	-4.22E-7	-1.04E-5
	CC5	0.0004	-0.0017	-0.0919	-7.61E-6	-4.22E-7	-1.04E-5
	CC6	0.0491	0.0409	-0.1001	1.16E-4	6.43E-6	-5.61E-5
	CC7	0.0505	0.0382	-0.0998	1.04E-4	5.80E-6	-5.01E-5
	CC8	0.0525	-0.0330	-0.0875	-1.55E-4	-8.61E-6	-5.80E-5
	CC9	0.0540	-0.0357	-0.0872	-1.66E-4	-9.24E-6	-5.19E-5
	CC10	-0.0532	0.0323	-0.0948	1.52E-4	8.43E-6	3.13E-5
	CC11	-0.0518	0.0296	-0.0944	1.41E-4	7.80E-6	3.73E-5
	CC12	-0.0498	-0.0415	-0.0822	-1.19E-4	-6.60E-6	2.95E-5
	CC13	-0.0483	-0.0442	-0.0819	-1.30E-4	-7.23E-6	3.55E-5
	CC14	0.0075	0.1272	-0.1133	4.58E-4	2.54E-5	-3.04E-5
	CC15	0.0124	0.1182	-0.1122	4.20E-4	2.33E-5	-1.04E-5
	CC16	-0.0232	0.1246	-0.1117	4.68E-4	2.60E-5	-4.13E-6
	CC17	-0.0183	0.1156	-0.1106	4.31E-4	2.39E-5	1.58E-5
	CC18	0.0191	-0.1189	-0.0714	-4.45E-4	-2.47E-5	-3.64E-5
	CC19	0.0240	-0.1279	-0.0702	-4.83E-4	-2.68E-5	-1.65E-5
	CC20	-0.0116	-0.1215	-0.0698	-4.35E-4	-2.41E-5	-1.02E-5
	CC21	-0.0067	-0.1305	-0.0686	-4.72E-4	-2.62E-5	9.70E-6
662	CC1	0.0003	-0.0031	-0.0942	-1.55E-5	-8.62E-7	-1.40E-5
	CC2	0.0003	-0.0031	-0.0942	-1.55E-5	-8.62E-7	-1.40E-5
	CC3	0.0003	-0.0031	-0.0942	-1.55E-5	-8.62E-7	-1.40E-5
	CC4	0.0003	-0.0028	-0.0915	-1.42E-5	-7.87E-7	-1.35E-5
	CC5	0.0003	-0.0028	-0.0915	-1.42E-5	-7.87E-7	-1.35E-5
	CC6	0.0491	0.0401	-0.0930	1.07E-4	5.94E-6	-6.88E-5
	CC7	0.0505	0.0380	-0.0925	9.77E-5	5.42E-6	-6.21E-5
	CC8	0.0524	-0.0326	-0.0803	-1.51E-4	-8.37E-6	-5.21E-5
	CC9	0.0539	-0.0347	-0.0798	-1.60E-4	-8.89E-6	-4.54E-5
	CC10	-0.0533	0.0292	-0.1014	1.33E-4	7.37E-6	1.87E-5
	CC11	-0.0518	0.0271	-0.1009	1.23E-4	6.85E-6	2.54E-5
	CC12	-0.0499	-0.0435	-0.0886	-1.25E-4	-6.95E-6	3.54E-5
	CC13	-0.0484	-0.0456	-0.0881	-1.35E-4	-7.47E-6	4.21E-5
	CC14	0.0076	0.1235	-0.1113	4.28E-4	2.37E-5	-6.54E-5
	CC15	0.0124	0.1165	-0.1098	3.97E-4	2.20E-5	-4.32E-5
	CC16	-0.0231	0.1203	-0.1138	4.35E-4	2.42E-5	-3.91E-5
	CC17	-0.0183	0.1132	-0.1123	4.04E-4	2.25E-5	-1.70E-5
	CC18	0.0189	-0.1187	-0.0688	-4.32E-4	-2.40E-5	-9.76E-6
	CC19	0.0237	-0.1258	-0.0673	-4.63E-4	-2.57E-5	1.24E-5
	CC20	-0.0118	-0.1220	-0.0713	-4.24E-4	-2.35E-5	1.65E-5
	CC21	-0.0070	-0.1290	-0.0698	-4.55E-4	-2.53E-5	3.86E-5
663	CC1	0.0012	-0.0052	-0.0965	-2.96E-5	-1.64E-6	-1.44E-5
	CC2	0.0012	-0.0052	-0.0965	-2.96E-5	-1.64E-6	-1.44E-5
	CC3	0.0012	-0.0052	-0.0965	-2.96E-5	-1.64E-6	-1.44E-5

	CC4	0.0012	-0.0047	-0.0938	-2.76E-5	-1.53E-6	-1.39E-5
	CC5	0.0012	-0.0047	-0.0938	-2.76E-5	-1.53E-6	-1.39E-5
	CC6	0.0738	0.0633	-0.1034	9.58E-5	5.32E-6	-9.25E-5
	CC7	0.0760	0.0585	-0.1030	8.42E-5	4.67E-6	-8.25E-5
	CC8	0.0810	-0.0595	-0.0896	-1.84E-4	-1.02E-5	-8.39E-5
	CC9	0.0833	-0.0643	-0.0893	-1.96E-4	-1.09E-5	-7.39E-5
	CC10	-0.0808	0.0552	-0.0965	1.42E-4	7.88E-6	4.64E-5
	CC11	-0.0785	0.0504	-0.0961	1.30E-4	7.24E-6	5.64E-5
	CC12	-0.0735	-0.0676	-0.0827	-1.38E-4	-7.66E-6	5.50E-5
	CC13	-0.0713	-0.0724	-0.0824	-1.50E-4	-8.30E-6	6.50E-5
	CC14	0.0086	0.2092	-0.1174	4.52E-4	2.51E-5	-6.54E-5
	CC15	0.0161	0.1934	-0.1162	4.14E-4	2.30E-5	-3.24E-5
	CC16	-0.0377	0.2068	-0.1154	4.66E-4	2.59E-5	-2.37E-5
	CC17	-0.0302	0.1909	-0.1142	4.27E-4	2.37E-5	9.30E-6
	CC18	0.0327	-0.2000	-0.0716	-4.81E-4	-2.67E-5	-3.68E-5
	CC19	0.0402	-0.2159	-0.0704	-5.20E-4	-2.88E-5	-3.78E-6
	CC20	-0.0136	-0.2025	-0.0695	-4.67E-4	-2.59E-5	4.89E-6
	CC21	-0.0061	-0.2183	-0.0683	-5.06E-4	-2.81E-5	3.79E-5
664	CC1	0.0007	-0.0031	-0.0956	-1.77E-5	-9.85E-7	-1.51E-5
	CC2	0.0007	-0.0031	-0.0956	-1.77E-5	-9.85E-7	-1.51E-5
	CC3	0.0007	-0.0031	-0.0956	-1.77E-5	-9.85E-7	-1.51E-5
	CC4	0.0007	-0.0028	-0.0929	-1.63E-5	-9.05E-7	-1.46E-5
	CC5	0.0007	-0.0028	-0.0929	-1.63E-5	-9.05E-7	-1.46E-5
	CC6	0.0612	0.0525	-0.1019	1.08E-4	6.01E-6	-7.73E-5
	CC7	0.0630	0.0487	-0.1016	9.58E-5	5.32E-6	-6.94E-5
	CC8	0.0664	-0.0458	-0.0887	-1.76E-4	-9.79E-6	-7.22E-5
	CC9	0.0683	-0.0495	-0.0883	-1.89E-4	-1.05E-5	-6.43E-5
	CC10	-0.0668	0.0442	-0.0957	1.57E-4	8.73E-6	3.55E-5
	CC11	-0.0649	0.0405	-0.0953	1.45E-4	8.04E-6	4.34E-5
	CC12	-0.0615	-0.0541	-0.0824	-1.27E-4	-7.08E-6	4.06E-5
	CC13	-0.0597	-0.0578	-0.0820	-1.40E-4	-7.76E-6	4.85E-5
	CC14	0.0081	0.1686	-0.1156	4.72E-4	2.62E-5	-5.29E-5
	CC15	0.0143	0.1562	-0.1144	4.31E-4	2.39E-5	-2.67E-5
	CC16	-0.0303	0.1661	-0.1137	4.87E-4	2.70E-5	-1.91E-5
	CC17	-0.0241	0.1537	-0.1125	4.45E-4	2.47E-5	7.12E-6
	CC18	0.0256	-0.1590	-0.0714	-4.77E-4	-2.65E-5	-3.59E-5
	CC19	0.0318	-0.1714	-0.0702	-5.18E-4	-2.88E-5	-9.73E-6
	CC20	-0.0128	-0.1615	-0.0695	-4.62E-4	-2.57E-5	-2.09E-6
	CC21	-0.0066	-0.1739	-0.0683	-5.03E-4	-2.79E-5	2.41E-5
665	CC1	0.0006	-0.0043	-0.0951	-1.27E-5	-7.04E-7	-1.15E-5
	CC2	0.0006	-0.0043	-0.0951	-1.27E-5	-7.04E-7	-1.15E-5
	CC3	0.0006	-0.0043	-0.0951	-1.27E-5	-7.04E-7	-1.15E-5
	CC4	0.0007	-0.0039	-0.0924	-1.15E-5	-6.39E-7	-1.11E-5
	CC5	0.0007	-0.0039	-0.0924	-1.15E-5	-6.39E-7	-1.11E-5
	CC6	0.0611	0.0514	-0.0938	1.30E-4	7.23E-6	-7.39E-5
	CC7	0.0629	0.0484	-0.0933	1.19E-4	6.62E-6	-6.58E-5
	CC8	0.0663	-0.0461	-0.0803	-1.71E-4	-9.48E-6	-6.80E-5
	CC9	0.0681	-0.0491	-0.0798	-1.82E-4	-1.01E-5	-6.00E-5
	CC10	-0.0667	0.0415	-0.1031	1.59E-4	8.85E-6	3.80E-5
	CC11	-0.0649	0.0385	-0.1026	1.48E-4	8.24E-6	4.60E-5
	CC12	-0.0616	-0.0559	-0.0896	-1.42E-4	-7.86E-6	4.39E-5
	CC13	-0.0597	-0.0590	-0.0891	-1.53E-4	-8.47E-6	5.19E-5
	CC14	0.0083	0.1651	-0.1134	5.04E-4	2.80E-5	-5.08E-5
	CC15	0.0143	0.1551	-0.1118	4.68E-4	2.60E-5	-2.43E-5
	CC16	-0.0301	0.1622	-0.1162	5.13E-4	2.85E-5	-1.73E-5
	CC17	-0.0240	0.1522	-0.1146	4.77E-4	2.65E-5	9.23E-6
	CC18	0.0254	-0.1597	-0.0683	-4.99E-4	-2.77E-5	-3.12E-5
	CC19	0.0315	-0.1697	-0.0667	-5.35E-4	-2.97E-5	-4.69E-6
	CC20	-0.0129	-0.1627	-0.0711	-4.90E-4	-2.72E-5	2.36E-6
	CC21	-0.0069	-0.1727	-0.0695	-5.27E-4	-2.92E-5	2.89E-5
666	CC1	0.0011	-0.0061	-0.0959	-3.11E-5	-1.72E-6	-6.50E-6
	CC2	0.0011	-0.0061	-0.0959	-3.11E-5	-1.72E-6	-6.50E-6
	CC3	0.0011	-0.0061	-0.0959	-3.11E-5	-1.72E-6	-6.50E-6
	CC4	0.0012	-0.0056	-0.0932	-2.89E-5	-1.61E-6	-6.40E-6
	CC5	0.0012	-0.0056	-0.0932	-2.89E-5	-1.61E-6	-6.40E-6
	CC6	0.0737	0.0622	-0.0943	9.18E-5	5.10E-6	-7.36E-5
	CC7	0.0759	0.0583	-0.0938	8.25E-5	4.58E-6	-6.42E-5
	CC8	0.0809	-0.0603	-0.0802	-1.78E-4	-9.86E-6	-8.58E-5
	CC9	0.0831	-0.0642	-0.0797	-1.87E-4	-1.04E-5	-7.64E-5
	CC10	-0.0807	0.0533	-0.1048	1.31E-4	7.25E-6	6.37E-5
	CC11	-0.0784	0.0494	-0.1042	1.21E-4	6.73E-6	7.31E-5
	CC12	-0.0735	-0.0691	-0.0907	-1.39E-4	-7.71E-6	5.14E-5

	CC13	-0.0713	-0.0730	-0.0902	-1.48E-4	-8.23E-6	6.08E-5
	CC14	0.0087	0.2064	-0.1150	4.31E-4	2.39E-5	-2.21E-5
	CC15	0.0161	0.1935	-0.1133	4.00E-4	2.22E-5	8.99E-6
	CC16	-0.0376	0.2037	-0.1182	4.42E-4	2.45E-5	1.91E-5
	CC17	-0.0302	0.1908	-0.1164	4.11E-4	2.28E-5	5.02E-5
	CC18	0.0327	-0.2017	-0.0681	-4.68E-4	-2.60E-5	-6.29E-5
	CC19	0.0400	-0.2146	-0.0663	-4.99E-4	-2.77E-5	-3.18E-5
	CC20	-0.0136	-0.2043	-0.0712	-4.56E-4	-2.53E-5	-2.17E-5
	CC21	-0.0063	-0.2173	-0.0695	-4.87E-4	-2.70E-5	9.34E-6
667	CC1	0.0012	-0.0038	-0.1128	-4.06E-6	0.00E+0	1.70E-6
	CC2	0.0012	-0.0038	-0.1128	-4.06E-6	0.00E+0	1.70E-6
	CC3	0.0012	-0.0038	-0.1128	-4.06E-6	0.00E+0	1.70E-6
	CC4	0.0013	-0.0034	-0.1100	-3.48E-6	0.00E+0	1.70E-6
	CC5	0.0013	-0.0034	-0.1100	-3.48E-6	0.00E+0	1.70E-6
	CC6	0.0616	0.0935	-0.1252	3.27E-4	4.35E-29	-6.15E-5
	CC7	0.0635	0.0841	-0.1238	2.96E-4	4.35E-29	-5.35E-5
	CC8	0.0672	-0.0119	-0.1093	-3.88E-5	1.75E-29	-5.62E-5
	CC9	0.0692	-0.0213	-0.1079	-6.95E-5	1.75E-29	-4.82E-5
	CC10	-0.0666	0.0146	-0.1102	6.29E-5	-1.75E-29	5.16E-5
	CC11	-0.0647	0.0053	-0.1088	3.22E-5	-1.75E-29	5.96E-5
	CC12	-0.0610	-0.0908	-0.0942	-3.03E-4	-4.35E-29	5.69E-5
	CC13	-0.0590	-0.1001	-0.0928	-3.34E-4	-4.35E-29	6.49E-5
	CC14	0.0079	0.1996	-0.1402	6.97E-4	5.25E-29	-3.75E-5
	CC15	0.0143	0.1687	-0.1355	5.95E-4	5.25E-29	-1.09E-5
	CC16	-0.0306	0.1760	-0.1356	6.18E-4	3.42E-29	-3.53E-6
	CC17	-0.0241	0.1450	-0.1310	5.16E-4	3.42E-29	2.30E-5
	CC18	0.0267	-0.1517	-0.0870	-5.22E-4	-3.42E-29	-1.96E-5
	CC19	0.0332	-0.1826	-0.0824	-6.24E-4	-3.42E-29	6.93E-6
	CC20	-0.0118	-0.1753	-0.0825	-6.02E-4	-5.25E-29	1.43E-5
	CC21	-0.0053	-0.2063	-0.0779	-7.03E-4	-5.25E-29	4.09E-5
668	CC1	0.0013	-0.0039	-0.1131	-6.62E-6	0.00E+0	7.90E-7
	CC2	0.0013	-0.0039	-0.1131	-6.62E-6	0.00E+0	7.90E-7
	CC3	0.0013	-0.0039	-0.1131	-6.62E-6	0.00E+0	7.90E-7
	CC4	0.0013	-0.0035	-0.1103	-5.82E-6	0.00E+0	8.36E-7
	CC5	0.0013	-0.0035	-0.1103	-5.82E-6	0.00E+0	8.36E-7
	CC6	0.0615	0.0979	-0.1260	3.33E-4	1.34E-29	-6.35E-5
	CC7	0.0635	0.0879	-0.1248	3.01E-4	1.34E-29	-5.54E-5
	CC8	0.0672	-0.0079	-0.1109	-2.69E-5	5.39E-3	-5.72E-5
	CC9	0.0691	-0.0179	-0.1097	-5.89E-5	5.39E-3	-4.90E-5
	CC10	-0.0664	0.0110	-0.1090	4.78E-5	-5.39E-3	5.07E-5
	CC11	-0.0645	0.0011	-0.1078	1.58E-5	-5.39E-3	5.89E-5
	CC12	-0.0608	-0.0948	-0.0939	-3.12E-4	-1.34E-29	5.71E-5
	CC13	-0.0588	-0.1047	-0.0927	-3.44E-4	-1.34E-29	6.52E-5
	CC14	0.0079	0.2023	-0.1391	6.90E-4	1.62E-29	-4.04E-5
	CC15	0.0144	0.1695	-0.1351	5.84E-4	1.62E-29	-1.34E-5
	CC16	-0.0305	0.1763	-0.1339	6.04E-4	1.06E-29	-6.12E-6
	CC17	-0.0240	0.1434	-0.1300	4.99E-4	1.06E-29	2.09E-5
	CC18	0.0267	-0.1503	-0.0887	-5.10E-4	-1.06E-29	-1.92E-5
	CC19	0.0332	-0.1831	-0.0847	-6.16E-4	-1.06E-29	7.82E-6
	CC20	-0.0117	-0.1763	-0.0835	-5.95E-4	-1.62E-29	1.51E-5
	CC21	-0.0052	-0.2092	-0.0796	-7.01E-4	-1.62E-29	4.21E-5
669	CC1	0.0013	-0.0039	-0.1133	-7.17E-6	0.00E+0	-3.02E-7
	CC2	0.0013	-0.0039	-0.1133	-7.17E-6	0.00E+0	-3.02E-7
	CC3	0.0013	-0.0039	-0.1133	-7.17E-6	0.00E+0	-3.02E-7
	CC4	0.0014	-0.0035	-0.1105	-6.30E-6	0.00E+0	-2.00E-7
	CC5	0.0014	-0.0035	-0.1105	-6.30E-6	0.00E+0	-2.00E-7
	CC6	0.0617	0.1025	-0.1323	3.52E-4	3.38E-29	-6.87E-5
	CC7	0.0636	0.0920	-0.1313	3.17E-4	3.38E-29	-6.01E-5
	CC8	0.0674	-0.0039	-0.1179	-1.37E-5	1.34E-29	-5.83E-5
	CC9	0.0693	-0.0144	-0.1170	-4.80E-5	1.34E-29	-4.97E-5
	CC10	-0.0665	0.0075	-0.1023	3.60E-5	-1.34E-29	4.94E-5
	CC11	-0.0646	-0.0030	-0.1013	1.66E-6	-1.34E-29	5.80E-5
	CC12	-0.0609	-0.0989	-0.0879	-3.29E-4	-3.38E-29	5.97E-5
	CC13	-0.0589	-0.1094	-0.0869	-3.64E-4	-3.38E-29	6.83E-5
	CC14	0.0079	0.2055	-0.1397	7.07E-4	4.12E-29	-4.94E-5
	CC15	0.0144	0.1707	-0.1365	5.93E-4	4.12E-29	-2.09E-5
	CC16	-0.0306	0.1770	-0.1306	6.12E-4	2.70E-29	-1.40E-5
	CC17	-0.0241	0.1422	-0.1275	4.99E-4	2.70E-29	1.45E-5
	CC18	0.0269	-0.1491	-0.0918	-5.11E-4	-2.70E-29	-1.48E-5
	CC19	0.0334	-0.1839	-0.0886	-6.24E-4	-2.70E-29	1.36E-5
	CC20	-0.0116	-0.1776	-0.0828	-6.05E-4	-4.12E-29	2.06E-5
	CC21	-0.0051	-0.2124	-0.0796	-7.19E-4	-4.12E-29	4.90E-5

670	CC1	0.0014	-0.0038	-0.1135	-5.96E-6	0.00E+0	-1.07E-6
	CC2	0.0014	-0.0038	-0.1135	-5.96E-6	0.00E+0	-1.07E-6
	CC3	0.0014	-0.0038	-0.1135	-5.96E-6	0.00E+0	-1.07E-6
	CC4	0.0015	-0.0035	-0.1108	-5.16E-6	0.00E+0	-9.23E-7
	CC5	0.0015	-0.0035	-0.1108	-5.16E-6	0.00E+0	-9.23E-7
	CC6	0.0621	0.1075	-0.1393	3.85E-4	1.13E-29	-7.22E-5
	CC7	0.0640	0.0963	-0.1386	3.47E-4	1.13E-29	-6.33E-5
	CC8	0.0678	0.0003	-0.1257	2.08E-6	4.51E-3	-5.87E-5
	CC9	0.0698	-0.0109	-0.1250	-3.58E-5	4.51E-3	-4.98E-5
	CC10	-0.0668	0.0041	-0.0947	2.60E-5	-4.51E-3	4.80E-5
	CC11	-0.0649	-0.0071	-0.0940	-1.19E-5	-4.51E-3	5.70E-5
	CC12	-0.0611	-0.1031	-0.0811	-3.57E-4	-1.13E-29	6.16E-5
	CC13	-0.0591	-0.1143	-0.0804	-3.95E-4	-1.13E-29	7.05E-5
	CC14	0.0080	0.2093	-0.1404	7.50E-4	1.37E-29	-5.62E-5
	CC15	0.0145	0.1724	-0.1380	6.24E-4	1.37E-29	-2.67E-5
	CC16	-0.0307	0.1783	-0.1270	6.42E-4	8.96E-3	-2.02E-5
	CC17	-0.0242	0.1414	-0.1246	5.17E-4	8.96E-3	9.41E-6
	CC18	0.0271	-0.1482	-0.0951	-5.26E-4	-8.96E-3	-1.12E-5
	CC19	0.0336	-0.1851	-0.0926	-6.52E-4	-8.96E-3	1.84E-5
	CC20	-0.0116	-0.1792	-0.0817	-6.34E-4	-1.37E-29	2.49E-5
	CC21	-0.0051	-0.2161	-0.0793	-7.60E-4	-1.37E-29	5.45E-5
671	CC1	0.0019	-0.0057	-0.1149	-2.73E-5	0.00E+0	-2.08E-6
	CC2	0.0019	-0.0057	-0.1149	-2.73E-5	0.00E+0	-2.08E-6
	CC3	0.0019	-0.0057	-0.1149	-2.73E-5	0.00E+0	-2.08E-6
	CC4	0.0019	-0.0052	-0.1121	-2.49E-5	0.00E+0	-1.98E-6
	CC5	0.0019	-0.0052	-0.1121	-2.49E-5	0.00E+0	-1.98E-6
	CC6	0.0786	0.1363	-0.1324	2.32E-4	3.78E-29	-9.31E-5
	CC7	0.0811	0.1223	-0.1313	2.08E-4	3.78E-29	-8.17E-5
	CC8	0.0868	-0.0083	-0.1174	-3.81E-5	1.48E-29	-7.81E-5
	CC9	0.0893	-0.0222	-0.1164	-6.27E-5	1.48E-29	-6.67E-5
	CC10	-0.0853	0.0122	-0.1060	1.44E-5	-1.48E-29	6.28E-5
	CC11	-0.0828	-0.0018	-0.1049	-1.02E-5	-1.48E-29	7.42E-5
	CC12	-0.0771	-0.1324	-0.0910	-2.56E-4	-3.78E-29	7.78E-5
	CC13	-0.0746	-0.1463	-0.0900	-2.81E-4	-3.78E-29	8.93E-5
	CC14	0.0087	0.2775	-0.1418	5.00E-4	4.62E-29	-6.93E-5
	CC15	0.0171	0.2315	-0.1383	4.19E-4	4.62E-29	-3.15E-5
	CC16	-0.0405	0.2403	-0.1339	4.35E-4	3.04E-29	-2.25E-5
	CC17	-0.0321	0.1943	-0.1304	3.53E-4	3.04E-29	1.53E-5
	CC18	0.0360	-0.2044	-0.0919	-4.01E-4	-3.04E-29	-1.92E-5
	CC19	0.0444	-0.2504	-0.0885	-4.83E-4	-3.04E-29	1.86E-5
	CC20	-0.0131	-0.2416	-0.0840	-4.67E-4	-4.62E-29	2.76E-5
	CC21	-0.0048	-0.2876	-0.0805	-5.48E-4	-4.62E-29	6.54E-5
672	CC1	0.0016	-0.0045	-0.1141	-1.42E-5	0.00E+0	-4.57E-7
	CC2	0.0016	-0.0045	-0.1141	-1.42E-5	0.00E+0	-4.57E-7
	CC3	0.0016	-0.0045	-0.1141	-1.42E-5	0.00E+0	-4.57E-7
	CC4	0.0017	-0.0041	-0.1113	-1.28E-5	0.00E+0	-3.83E-7
	CC5	0.0017	-0.0041	-0.1113	-1.28E-5	0.00E+0	-3.83E-7
	CC6	0.0701	0.1212	-0.1324	3.14E-4	4.44E-29	-8.33E-5
	CC7	0.0724	0.1089	-0.1314	2.82E-4	4.44E-29	-7.29E-5
	CC8	0.0771	-0.0058	-0.1178	-2.40E-5	1.79E-29	-6.91E-5
	CC9	0.0794	-0.0181	-0.1168	-5.55E-5	1.79E-29	-5.88E-5
	CC10	-0.0760	0.0102	-0.1040	3.09E-5	-1.79E-29	5.81E-5
	CC11	-0.0738	-0.0022	-0.1030	-6.44E-7	-1.79E-29	6.84E-5
	CC12	-0.0690	-0.1168	-0.0894	-3.07E-4	-4.44E-29	7.22E-5
	CC13	-0.0668	-0.1292	-0.0884	-3.38E-4	-4.44E-29	8.26E-5
	CC14	0.0083	0.2448	-0.1408	6.45E-4	5.34E-29	-6.23E-5
	CC15	0.0157	0.2039	-0.1375	5.41E-4	5.34E-29	-2.80E-5
	CC16	-0.0356	0.2115	-0.1322	5.60E-4	3.48E-29	-1.99E-5
	CC17	-0.0282	0.1706	-0.1289	4.56E-4	3.48E-29	1.44E-5
	CC18	0.0315	-0.1785	-0.0919	-4.81E-4	-3.48E-29	-1.51E-5
	CC19	0.0389	-0.2194	-0.0886	-5.85E-4	-3.48E-29	1.92E-5
	CC20	-0.0123	-0.2118	-0.0834	-5.65E-4	-5.34E-29	2.73E-5
	CC21	-0.0049	-0.2527	-0.0801	-6.70E-4	-5.34E-29	6.16E-5
673	CC1	0.0017	-0.0044	-0.1144	-1.24E-5	0.00E+0	-2.57E-6
	CC2	0.0017	-0.0044	-0.1144	-1.24E-5	0.00E+0	-2.57E-6
	CC3	0.0017	-0.0044	-0.1144	-1.24E-5	0.00E+0	-2.57E-6
	CC4	0.0017	-0.0040	-0.1116	-1.11E-5	0.00E+0	-2.34E-6
	CC5	0.0017	-0.0040	-0.1116	-1.11E-5	0.00E+0	-2.34E-6
	CC6	0.0705	0.1283	-0.1404	3.38E-4	2.75E-29	-9.97E-5
	CC7	0.0728	0.1150	-0.1397	3.04E-4	2.75E-29	-8.80E-5
	CC8	0.0776	-0.0004	-0.1266	-9.34E-6	1.10E-29	-7.16E-5
	CC9	0.0799	-0.0136	-0.1259	-4.35E-5	1.10E-29	-5.99E-5

	CC10	-0.0764	0.0059	-0.0956	2.21E-5	-1.10E-29	5.54E-5
	CC11	-0.0741	-0.0074	-0.0948	-1.20E-5	-1.10E-29	6.71E-5
	CC12	-0.0693	-0.1228	-0.0817	-3.25E-4	-2.75E-29	8.34E-5
	CC13	-0.0671	-0.1360	-0.0810	-3.59E-4	-2.75E-29	9.52E-5
	CC14	0.0083	0.2507	-0.1417	6.72E-4	3.31E-29	-9.17E-5
	CC15	0.0157	0.2070	-0.1392	5.59E-4	3.31E-29	-5.29E-5
	CC16	-0.0358	0.2140	-0.1282	5.77E-4	2.16E-29	-4.52E-5
	CC17	-0.0283	0.1703	-0.1258	4.64E-4	2.16E-29	-6.33E-6
	CC18	0.0318	-0.1780	-0.0956	-4.85E-4	-2.16E-29	1.80E-6
	CC19	0.0393	-0.2217	-0.0932	-5.98E-4	-2.16E-29	4.07E-5
	CC20	-0.0123	-0.2147	-0.0822	-5.80E-4	-3.31E-29	4.83E-5
	CC21	-0.0048	-0.2585	-0.0797	-6.93E-4	-3.31E-29	8.72E-5
674	CC1	0.0019	-0.0054	-0.1153	-2.36E-5	0.00E+0	-4.57E-6
	CC2	0.0019	-0.0054	-0.1153	-2.36E-5	0.00E+0	-4.57E-6
	CC3	0.0019	-0.0054	-0.1153	-2.36E-5	0.00E+0	-4.57E-6
	CC4	0.0020	-0.0049	-0.1125	-2.13E-5	0.00E+0	-4.26E-6
	CC5	0.0020	-0.0049	-0.1125	-2.13E-5	0.00E+0	-4.26E-6
	CC6	0.0789	0.1449	-0.1414	2.52E-4	2.27E-29	-1.13E-4
	CC7	0.0814	0.1300	-0.1406	2.25E-4	2.27E-29	-9.98E-5
	CC8	0.0872	-0.0017	-0.1273	-2.54E-5	9.11E-3	-8.10E-5
	CC9	0.0897	-0.0166	-0.1266	-5.20E-5	9.11E-3	-6.78E-5
	CC10	-0.0857	0.0070	-0.0965	1.08E-5	-9.11E-3	5.95E-5
	CC11	-0.0831	-0.0079	-0.0957	-1.58E-5	-9.11E-3	7.27E-5
	CC12	-0.0774	-0.1396	-0.0824	-2.67E-4	-2.27E-29	9.15E-5
	CC13	-0.0748	-0.1545	-0.0817	-2.93E-4	-2.27E-29	1.05E-4
	CC14	0.0087	0.2850	-0.1429	5.22E-4	2.74E-29	-1.05E-4
	CC15	0.0171	0.2355	-0.1404	4.34E-4	2.74E-29	-6.16E-5
	CC16	-0.0407	0.2436	-0.1294	4.49E-4	1.78E-29	-5.34E-5
	CC17	-0.0323	0.1941	-0.1269	3.62E-4	1.78E-29	-9.83E-6
	CC18	0.0363	-0.2037	-0.0961	-4.03E-4	-1.78E-29	1.52E-6
	CC19	0.0448	-0.2532	-0.0937	-4.91E-4	-1.78E-29	4.51E-5
	CC20	-0.0130	-0.2451	-0.0827	-4.75E-4	-2.74E-29	5.33E-5
	CC21	-0.0046	-0.2945	-0.0802	-5.63E-4	-2.74E-29	9.69E-5
675	CC1	0.0010	-0.0032	-0.1120	-9.65E-6	0.00E+0	5.13E-7
	CC2	0.0010	-0.0032	-0.1120	-9.65E-6	0.00E+0	5.13E-7
	CC3	0.0010	-0.0032	-0.1120	-9.65E-6	0.00E+0	5.13E-7
	CC4	0.0011	-0.0029	-0.1093	-8.64E-6	0.00E+0	5.27E-7
	CC5	0.0011	-0.0029	-0.1093	-8.64E-6	0.00E+0	5.27E-7
	CC6	0.0496	0.0764	-0.1365	3.20E-4	2.46E-29	-3.55E-5
	CC7	0.0512	0.0683	-0.1357	2.89E-4	2.46E-29	-3.06E-5
	CC8	0.0534	0.0005	-0.1231	-3.03E-6	9.93E-3	-4.18E-5
	CC9	0.0550	-0.0076	-0.1224	-3.44E-5	9.93E-3	-3.69E-5
	CC10	-0.0528	0.0019	-0.0945	1.78E-5	-9.93E-3	3.79E-5
	CC11	-0.0513	-0.0062	-0.0937	-1.36E-5	-9.93E-3	4.29E-5
	CC12	-0.0490	-0.0740	-0.0811	-3.05E-4	-2.46E-29	3.16E-5
	CC13	-0.0475	-0.0820	-0.0804	-3.37E-4	-2.46E-29	3.66E-5
	CC14	0.0076	0.1481	-0.1382	6.28E-4	2.97E-29	-8.22E-6
	CC15	0.0127	0.1214	-0.1357	5.24E-4	2.97E-29	8.21E-6
	CC16	-0.0232	0.1258	-0.1256	5.37E-4	1.93E-29	1.38E-5
	CC17	-0.0180	0.0990	-0.1231	4.33E-4	1.93E-29	3.03E-5
	CC18	0.0202	-0.1047	-0.0937	-4.50E-4	-1.93E-29	-2.92E-5
	CC19	0.0253	-0.1315	-0.0912	-5.53E-4	-1.93E-29	-1.27E-5
	CC20	-0.0105	-0.1271	-0.0811	-5.40E-4	-2.97E-29	-7.15E-6
	CC21	-0.0054	-0.1538	-0.0786	-6.44E-4	-2.97E-29	9.29E-6
676	CC1	0.0010	-0.0031	-0.1120	-1.00E-5	0.00E+0	-2.50E-7
	CC2	0.0010	-0.0031	-0.1120	-1.00E-5	0.00E+0	-2.50E-7
	CC3	0.0010	-0.0031	-0.1120	-1.00E-5	0.00E+0	-2.50E-7
	CC4	0.0010	-0.0029	-0.1093	-8.93E-6	0.00E+0	-1.58E-7
	CC5	0.0010	-0.0029	-0.1093	-8.93E-6	0.00E+0	-1.58E-7
	CC6	0.0492	0.0737	-0.1300	2.99E-4	3.50E-29	-4.16E-5
	CC7	0.0508	0.0660	-0.1291	2.70E-4	3.50E-29	-3.61E-5
	CC8	0.0530	-0.0025	-0.1159	-1.49E-5	1.38E-29	-4.28E-5
	CC9	0.0546	-0.0102	-0.1150	-4.39E-5	1.38E-29	-3.73E-5
	CC10	-0.0525	0.0046	-0.1018	2.68E-5	-1.38E-29	3.70E-5
	CC11	-0.0510	-0.0031	-0.1008	-2.19E-6	-1.38E-29	4.26E-5
	CC12	-0.0488	-0.0716	-0.0877	-2.87E-4	-3.50E-29	3.58E-5
	CC13	-0.0472	-0.0793	-0.0867	-3.16E-4	-3.50E-29	4.13E-5
	CC14	0.0074	0.1473	-0.1377	6.03E-4	4.26E-29	-1.90E-5
	CC15	0.0125	0.1218	-0.1345	5.07E-4	4.26E-29	-7.48E-7
	CC16	-0.0231	0.1265	-0.1292	5.21E-4	2.80E-29	4.61E-6
	CC17	-0.0180	0.1011	-0.1260	4.25E-4	2.80E-29	2.28E-5
	CC18	0.0200	-0.1067	-0.0907	-4.42E-4	-2.80E-29	-2.31E-5

	CC19	0.0252	-0.1322	-0.0875	-5.38E-4	-2.80E-29	-4.86E-6
	CC20	-0.0105	-0.1274	-0.0822	-5.24E-4	-4.26E-29	4.92E-7
	CC21	-0.0054	-0.1529	-0.0790	-6.20E-4	-4.26E-29	1.87E-5
677	CC1	0.0009	-0.0032	-0.1118	-8.66E-6	0.00E+0	-1.54E-6
	CC2	0.0009	-0.0032	-0.1118	-8.66E-6	0.00E+0	-1.54E-6
	CC3	0.0009	-0.0032	-0.1118	-8.66E-6	0.00E+0	-1.54E-6
	CC4	0.0010	-0.0030	-0.1090	-7.65E-6	0.00E+0	-1.32E-6
	CC5	0.0010	-0.0030	-0.1090	-7.65E-6	0.00E+0	-1.32E-6
	CC6	0.0490	0.0702	-0.1243	2.85E-4	9.88E-32	-5.27E-5
	CC7	0.0506	0.0629	-0.1231	2.58E-4	9.88E-32	-4.64E-5
	CC8	0.0528	-0.0057	-0.1095	-2.59E-5	3.97E-32	-4.38E-5
	CC9	0.0543	-0.0130	-0.1083	-5.31E-5	3.97E-32	-3.74E-5
	CC10	-0.0524	0.0072	-0.1079	3.84E-5	-3.97E-32	3.49E-5
	CC11	-0.0509	0.0000	-0.1067	1.12E-5	-3.97E-32	4.13E-5
	CC12	-0.0486	-0.0687	-0.0931	-2.73E-4	-9.88E-32	4.39E-5
	CC13	-0.0471	-0.0760	-0.0919	-3.00E-4	-9.88E-32	5.02E-5
	CC14	0.0074	0.1451	-0.1372	5.93E-4	1.19E-31	-3.99E-5
	CC15	0.0125	0.1211	-0.1333	5.03E-4	1.19E-31	-1.88E-5
	CC16	-0.0231	0.1262	-0.1323	5.19E-4	7.78E-32	-1.36E-5
	CC17	-0.0180	0.1022	-0.1284	4.29E-4	7.78E-32	7.50E-6
	CC18	0.0199	-0.1080	-0.0878	-4.44E-4	-7.78E-32	-1.00E-5
	CC19	0.0250	-0.1320	-0.0840	-5.34E-4	-7.78E-32	1.11E-5
	CC20	-0.0105	-0.1268	-0.0829	-5.18E-4	-1.19E-31	1.63E-5
	CC21	-0.0054	-0.1509	-0.0790	-6.08E-4	-1.19E-31	3.74E-5
678	CC1	0.0009	-0.0034	-0.1114	-6.17E-6	0.00E+0	-2.00E-6
	CC2	0.0009	-0.0034	-0.1114	-6.17E-6	0.00E+0	-2.00E-6
	CC3	0.0009	-0.0034	-0.1114	-6.17E-6	0.00E+0	-2.00E-6
	CC4	0.0009	-0.0031	-0.1086	-5.32E-6	0.00E+0	-1.72E-6
	CC5	0.0009	-0.0031	-0.1086	-5.32E-6	0.00E+0	-1.72E-6
	CC6	0.0490	0.0664	-0.1232	2.81E-4	1.85E-29	-5.75E-5
	CC7	0.0505	0.0596	-0.1219	2.54E-4	1.85E-29	-5.06E-5
	CC8	0.0527	-0.0087	-0.1077	-3.48E-5	7.37E-3	-4.38E-5
	CC9	0.0542	-0.0155	-0.1064	-6.10E-5	7.37E-3	-3.70E-5
	CC10	-0.0524	0.0095	-0.1090	5.09E-5	-7.37E-3	3.38E-5
	CC11	-0.0508	0.0027	-0.1077	2.48E-5	-7.37E-3	4.06E-5
	CC12	-0.0487	-0.0656	-0.0935	-2.64E-4	-1.85E-29	4.74E-5
	CC13	-0.0471	-0.0724	-0.0922	-2.91E-4	-1.85E-29	5.42E-5
	CC14	0.0074	0.1420	-0.1379	5.98E-4	2.25E-29	-4.93E-5
	CC15	0.0125	0.1195	-0.1334	5.12E-4	2.25E-29	-2.68E-5
	CC16	-0.0230	0.1249	-0.1336	5.29E-4	1.47E-29	-2.19E-5
	CC17	-0.0179	0.1024	-0.1292	4.43E-4	1.47E-29	5.99E-7
	CC18	0.0198	-0.1084	-0.0862	-4.53E-4	-1.47E-29	-3.86E-6
	CC19	0.0249	-0.1309	-0.0818	-5.39E-4	-1.47E-29	1.87E-5
	CC20	-0.0106	-0.1255	-0.0820	-5.22E-4	-2.25E-29	2.35E-5
	CC21	-0.0055	-0.1480	-0.0775	-6.08E-4	-2.25E-29	4.60E-5
679	CC1	0.0015	-0.0044	-0.1139	-1.37E-5	0.00E+0	1.78E-6
	CC2	0.0015	-0.0044	-0.1139	-1.37E-5	0.00E+0	1.78E-6
	CC3	0.0015	-0.0044	-0.1139	-1.37E-5	0.00E+0	1.78E-6
	CC4	0.0016	-0.0040	-0.1110	-1.25E-5	0.00E+0	1.71E-6
	CC5	0.0016	-0.0040	-0.1110	-1.25E-5	0.00E+0	1.71E-6
	CC6	0.0699	0.1153	-0.1259	3.03E-4	9.18E-3	-7.23E-5
	CC7	0.0722	0.1037	-0.1247	2.73E-4	9.18E-3	-6.29E-5
	CC8	0.0769	-0.0105	-0.1104	-3.63E-5	3.60E-3	-6.67E-5
	CC9	0.0791	-0.0222	-0.1092	-6.62E-5	3.60E-3	-5.72E-5
	CC10	-0.0759	0.0144	-0.1110	4.22E-5	-3.60E-3	6.06E-5
	CC11	-0.0736	0.0028	-0.1098	1.22E-5	-3.60E-3	7.01E-5
	CC12	-0.0690	-0.1115	-0.0955	-2.97E-4	-9.18E-3	6.63E-5
	CC13	-0.0667	-0.1231	-0.0943	-3.27E-4	-9.18E-3	7.57E-5
	CC14	0.0083	0.2403	-0.1402	6.42E-4	1.12E-29	-4.33E-5
	CC15	0.0156	0.2018	-0.1361	5.43E-4	1.12E-29	-1.20E-5
	CC16	-0.0355	0.2100	-0.1357	5.64E-4	7.37E-3	-3.43E-6
	CC17	-0.0281	0.1715	-0.1316	4.65E-4	7.37E-3	2.78E-5
	CC18	0.0313	-0.1793	-0.0886	-4.89E-4	-7.37E-3	-2.45E-5
	CC19	0.0387	-0.2178	-0.0845	-5.88E-4	-7.37E-3	6.82E-6
	CC20	-0.0124	-0.2096	-0.0841	-5.67E-4	-1.12E-29	1.54E-5
	CC21	-0.0050	-0.2480	-0.0800	-6.66E-4	-1.12E-29	4.67E-5
680	CC1	0.0018	-0.0055	-0.1145	-3.02E-5	0.00E+0	2.88E-6
	CC2	0.0018	-0.0055	-0.1145	-3.02E-5	0.00E+0	2.88E-6
	CC3	0.0018	-0.0055	-0.1145	-3.02E-5	0.00E+0	2.88E-6
	CC4	0.0018	-0.0050	-0.1117	-2.78E-5	0.00E+0	2.69E-6
	CC5	0.0018	-0.0050	-0.1117	-2.78E-5	0.00E+0	2.69E-6
	CC6	0.0778	0.1272	-0.1266	2.24E-4	1.17E-29	-7.54E-5

	CC7	0.0803	0.1145	-0.1252	2.01E-4	1.17E-29	-6.54E-5
	CC8	0.0858	-0.0150	-0.1105	-4.98E-5	4.76E-3	-7.31E-5
	CC9	0.0883	-0.0278	-0.1092	-7.36E-5	4.76E-3	-6.30E-5
	CC10	-0.0846	0.0181	-0.1123	1.95E-5	-4.76E-3	6.82E-5
	CC11	-0.0821	0.0054	-0.1109	-4.25E-6	-4.76E-3	7.83E-5
	CC12	-0.0766	-0.1241	-0.0962	-2.55E-4	-1.17E-29	7.06E-5
	CC13	-0.0741	-0.1369	-0.0948	-2.79E-4	-1.17E-29	8.07E-5
	CC14	0.0086	0.2697	-0.1420	5.00E-4	1.41E-29	-3.95E-5
	CC15	0.0169	0.2275	-0.1374	4.21E-4	1.41E-29	-6.21E-6
	CC16	-0.0401	0.2370	-0.1377	4.39E-4	9.14E-3	3.57E-6
	CC17	-0.0318	0.1948	-0.1331	3.60E-4	9.14E-3	3.69E-5
	CC18	0.0355	-0.2044	-0.0883	-4.14E-4	-9.14E-3	-3.16E-5
	CC19	0.0438	-0.2467	-0.0838	-4.93E-4	-9.14E-3	1.67E-6
	CC20	-0.0132	-0.2371	-0.0840	-4.76E-4	-1.41E-29	1.15E-5
	CC21	-0.0049	-0.2794	-0.0795	-5.54E-4	-1.41E-29	4.48E-5
681	CC1	0.0014	-0.0041	-0.1135	-1.17E-5	0.00E+0	3.69E-6
	CC2	0.0014	-0.0041	-0.1135	-1.17E-5	0.00E+0	3.69E-6
	CC3	0.0014	-0.0041	-0.1135	-1.17E-5	0.00E+0	3.69E-6
	CC4	0.0015	-0.0037	-0.1106	-1.06E-5	0.00E+0	3.52E-6
	CC5	0.0015	-0.0037	-0.1106	-1.06E-5	0.00E+0	3.52E-6
	CC6	0.0688	0.1084	-0.1106	3.00E-4	2.06E-29	-6.18E-5
	CC7	0.0710	0.0976	-0.1091	2.71E-4	2.06E-29	-5.32E-5
	CC8	0.0756	-0.0143	-0.0943	-4.51E-5	8.10E-3	-6.51E-5
	CC9	0.0778	-0.0251	-0.0929	-7.42E-5	8.10E-3	-5.64E-5
	CC10	-0.0748	0.0178	-0.1265	5.37E-5	-8.10E-3	6.33E-5
	CC11	-0.0726	0.0070	-0.1251	2.47E-5	-8.10E-3	7.20E-5
	CC12	-0.0680	-0.1048	-0.1103	-2.92E-4	-2.06E-29	6.01E-5
	CC13	-0.0658	-0.1156	-0.1088	-3.21E-4	-2.06E-29	6.88E-5
	CC14	0.0081	0.2322	-0.1368	6.50E-4	2.51E-29	-2.43E-5
	CC15	0.0154	0.1965	-0.1320	5.54E-4	2.51E-29	4.49E-6
	CC16	-0.0349	0.2050	-0.1416	5.76E-4	1.65E-29	1.33E-5
	CC17	-0.0277	0.1694	-0.1368	4.80E-4	1.65E-29	4.20E-5
	CC18	0.0307	-0.1766	-0.0826	-5.01E-4	-1.65E-29	-3.51E-5
	CC19	0.0379	-0.2123	-0.0778	-5.97E-4	-1.65E-29	-6.38E-6
	CC20	-0.0124	-0.2038	-0.0874	-5.75E-4	-2.51E-29	2.43E-6
	CC21	-0.0051	-0.2395	-0.0826	-6.71E-4	-2.51E-29	3.12E-5
682	CC1	0.0022	-0.0045	-0.1131	0.00E+0	6.19E-6	2.07E-6
	CC2	0.0022	-0.0045	-0.1131	0.00E+0	6.19E-6	2.07E-6
	CC3	0.0022	-0.0045	-0.1131	0.00E+0	6.19E-6	2.07E-6
	CC4	0.0022	-0.0041	-0.1104	0.00E+0	5.57E-6	1.99E-6
	CC5	0.0022	-0.0041	-0.1104	0.00E+0	5.57E-6	1.99E-6
	CC6	0.0919	0.1739	-0.1173	1.53E-29	-1.67E-4	-8.15E-5
	CC7	0.0888	0.1550	-0.1181	1.53E-29	-1.60E-4	-7.11E-5
	CC8	0.0931	0.0338	-0.1208	6.09E-3	-1.75E-4	-6.65E-5
	CC9	0.0899	0.0149	-0.1216	6.09E-3	-1.68E-4	-5.60E-5
	CC10	-0.0855	-0.0227	-0.0974	-6.09E-3	1.79E-4	5.99E-5
	CC11	-0.0886	-0.0417	-0.0983	-6.09E-3	1.85E-4	7.04E-5
	CC12	-0.0843	-0.1629	-0.1010	-1.53E-29	1.71E-4	7.50E-5
	CC13	-0.0875	-0.1818	-0.1018	-1.53E-29	1.78E-4	8.55E-5
	CC14	0.0322	0.2904	-0.1053	1.85E-29	-4.44E-5	-6.17E-5
	CC15	0.0218	0.2279	-0.1080	1.85E-29	-2.31E-5	-2.70E-5
	CC16	-0.0210	0.2314	-0.0993	1.21E-29	5.93E-5	-1.92E-5
	CC17	-0.0315	0.1689	-0.1020	1.21E-29	8.06E-5	1.54E-5
	CC18	0.0359	-0.1767	-0.1170	-1.21E-29	-6.99E-5	-1.15E-5
	CC19	0.0255	-0.2393	-0.1197	-1.21E-29	-4.86E-5	2.31E-5
	CC20	-0.0173	-0.2357	-0.1111	-1.85E-29	3.38E-5	3.09E-5
	CC21	-0.0277	-0.2983	-0.1138	-1.85E-29	5.51E-5	6.56E-5
683	CC1	0.0022	-0.0038	-0.1119	0.00E+0	-3.98E-6	1.60E-6
	CC2	0.0022	-0.0038	-0.1119	0.00E+0	-3.98E-6	1.60E-6
	CC3	0.0022	-0.0038	-0.1119	0.00E+0	-3.98E-6	1.60E-6
	CC4	0.0022	-0.0034	-0.1093	0.00E+0	-3.81E-6	1.55E-6
	CC5	0.0022	-0.0034	-0.1093	0.00E+0	-3.81E-6	1.55E-6
	CC6	0.0763	0.1375	-0.1186	9.30E-3	-1.88E-4	-6.72E-5
	CC7	0.0738	0.1225	-0.1191	9.30E-3	-1.80E-4	-5.86E-5
	CC8	0.0771	0.0281	-0.1170	3.68E-3	-1.89E-4	-5.61E-5
	CC9	0.0745	0.0130	-0.1175	3.68E-3	-1.82E-4	-4.75E-5
	CC10	-0.0701	-0.0196	-0.0993	-3.68E-3	1.74E-4	5.05E-5
	CC11	-0.0727	-0.0347	-0.0998	-3.68E-3	1.82E-4	5.92E-5
	CC12	-0.0694	-0.1291	-0.0977	-9.30E-3	1.73E-4	6.17E-5
	CC13	-0.0719	-0.1442	-0.0982	-9.30E-3	1.81E-4	7.03E-5
	CC14	0.0271	0.2277	-0.1132	1.13E-29	-6.88E-5	-4.90E-5
	CC15	0.0187	0.1777	-0.1148	1.13E-29	-4.33E-5	-2.04E-5

	CC16	-0.0168	0.1805	-0.1074	7.42E-3	4.00E-5	-1.37E-5
	CC17	-0.0252	0.1306	-0.1090	7.42E-3	6.55E-5	1.50E-5
	CC18	0.0296	-0.1372	-0.1078	-7.42E-3	-7.30E-5	-1.19E-5
	CC19	0.0212	-0.1871	-0.1094	-7.42E-3	-4.75E-5	1.67E-5
	CC20	-0.0143	-0.1843	-0.1020	-1.13E-29	3.58E-5	2.34E-5
	CC21	-0.0227	-0.2343	-0.1036	-1.13E-29	6.13E-5	5.20E-5
684	CC1	0.0020	-0.0031	-0.1103	0.00E+0	1.63E-7	1.04E-6
	CC2	0.0020	-0.0031	-0.1103	0.00E+0	1.63E-7	1.04E-6
	CC3	0.0020	-0.0031	-0.1103	0.00E+0	1.63E-7	1.04E-6
	CC4	0.0020	-0.0028	-0.1078	0.00E+0	-1.12E-7	1.03E-6
	CC5	0.0020	-0.0028	-0.1078	0.00E+0	-1.12E-7	1.03E-6
	CC6	0.0609	0.1025	-0.1148	6.94E-3	-1.73E-4	-5.23E-5
	CC7	0.0590	0.0911	-0.1155	6.94E-3	-1.66E-4	-4.56E-5
	CC8	0.0603	0.0225	-0.1177	2.78E-3	-1.74E-4	-4.55E-5
	CC9	0.0584	0.0111	-0.1184	2.78E-3	-1.67E-4	-3.88E-5
	CC10	-0.0545	-0.0166	-0.0954	-2.78E-3	1.67E-4	4.08E-5
	CC11	-0.0564	-0.0280	-0.0961	-2.78E-3	1.74E-4	4.76E-5
	CC12	-0.0551	-0.0965	-0.0983	-6.94E-3	1.66E-4	4.76E-5
	CC13	-0.0570	-0.1079	-0.0990	-6.94E-3	1.73E-4	5.44E-5
	CC14	0.0235	0.1673	-0.1038	8.39E-3	-6.10E-5	-3.55E-5
	CC15	0.0172	0.1295	-0.1061	8.39E-3	-3.81E-5	-1.30E-5
	CC16	-0.0111	0.1316	-0.0980	5.48E-3	4.10E-5	-7.55E-6
	CC17	-0.0174	0.0938	-0.1003	5.48E-3	6.39E-5	1.49E-5
	CC18	0.0213	-0.0992	-0.1136	-5.48E-3	-6.43E-5	-1.28E-5
	CC19	0.0150	-0.1370	-0.1158	-5.48E-3	-4.14E-5	9.61E-6
	CC20	-0.0133	-0.1349	-0.1077	-8.39E-3	3.77E-5	1.51E-5
	CC21	-0.0196	-0.1727	-0.1100	-8.39E-3	6.06E-5	3.76E-5
685	CC1	0.0023	-0.0027	-0.1095	0.00E+0	-2.32E-6	6.15E-7
	CC2	0.0023	-0.0027	-0.1095	0.00E+0	-2.32E-6	6.15E-7
	CC3	0.0023	-0.0027	-0.1095	0.00E+0	-2.32E-6	6.15E-7
	CC4	0.0023	-0.0025	-0.1070	0.00E+0	-2.46E-6	5.84E-7
	CC5	0.0023	-0.0025	-0.1070	0.00E+0	-2.46E-6	5.84E-7
	CC6	0.0585	0.1028	-0.1150	7.35E-3	-1.61E-4	-5.32E-5
	CC7	0.0572	0.0914	-0.1153	7.35E-3	-1.57E-4	-4.64E-5
	CC8	0.0597	0.0229	-0.1191	2.90E-3	-1.73E-4	-4.47E-5
	CC9	0.0584	0.0115	-0.1193	2.90E-3	-1.69E-4	-3.80E-5
	CC10	-0.0539	-0.0162	-0.0930	-2.90E-3	1.64E-4	3.91E-5
	CC11	-0.0552	-0.0277	-0.0933	-2.90E-3	1.68E-4	4.59E-5
	CC12	-0.0527	-0.0962	-0.0971	-7.35E-3	1.52E-4	4.76E-5
	CC13	-0.0540	-0.1076	-0.0974	-7.35E-3	1.56E-4	5.43E-5
	CC14	0.0193	0.1676	-0.1022	8.95E-3	-3.72E-5	-3.85E-5
	CC15	0.0150	0.1298	-0.1031	8.95E-3	-2.55E-5	-1.61E-5
	CC16	-0.0144	0.1318	-0.0956	5.87E-3	6.04E-5	-1.08E-5
	CC17	-0.0187	0.0941	-0.0965	5.87E-3	7.21E-5	1.16E-5
	CC18	0.0232	-0.0988	-0.1158	-5.87E-3	-7.71E-5	-1.04E-5
	CC19	0.0189	-0.1366	-0.1167	-5.87E-3	-6.55E-5	1.20E-5
	CC20	-0.0105	-0.1345	-0.1092	-8.95E-3	2.05E-5	1.73E-5
	CC21	-0.0148	-0.1723	-0.1101	-8.95E-3	3.22E-5	3.97E-5
686	CC1	0.0026	-0.0039	-0.1110	0.00E+0	-2.64E-6	5.26E-8
	CC2	0.0026	-0.0039	-0.1110	0.00E+0	-2.64E-6	5.26E-8
	CC3	0.0026	-0.0039	-0.1110	0.00E+0	-2.64E-6	5.26E-8
	CC4	0.0026	-0.0035	-0.1084	0.00E+0	-2.70E-6	7.56E-8
	CC5	0.0026	-0.0035	-0.1084	0.00E+0	-2.70E-6	7.56E-8
	CC6	0.0734	0.1377	-0.1150	3.77E-31	-1.71E-4	-6.84E-5
	CC7	0.0718	0.1225	-0.1155	3.77E-31	-1.68E-4	-5.98E-5
	CC8	0.0758	0.0280	-0.1215	1.52E-31	-1.86E-4	-5.72E-5
	CC9	0.0741	0.0129	-0.1220	1.52E-31	-1.83E-4	-4.87E-5
	CC10	-0.0690	-0.0197	-0.0932	-1.52E-31	1.77E-4	4.88E-5
	CC11	-0.0707	-0.0349	-0.0937	-1.52E-31	1.81E-4	5.74E-5
	CC12	-0.0667	-0.1294	-0.0997	-3.77E-31	1.62E-4	5.99E-5
	CC13	-0.0683	-0.1445	-0.1002	-3.77E-31	1.66E-4	6.85E-5
	CC14	0.0226	0.2279	-0.0991	4.55E-31	-3.57E-5	-5.03E-5
	CC15	0.0172	0.1779	-0.1009	4.55E-31	-2.42E-5	-2.18E-5
	CC16	-0.0201	0.1807	-0.0926	2.96E-31	6.89E-5	-1.51E-5
	CC17	-0.0255	0.1307	-0.0944	2.96E-31	8.04E-5	1.33E-5
	CC18	0.0306	-0.1375	-0.1208	-2.96E-31	-8.58E-5	-1.32E-5
	CC19	0.0252	-0.1875	-0.1226	-2.96E-31	-7.43E-5	1.53E-5
	CC20	-0.0121	-0.1847	-0.1142	-4.55E-31	1.88E-5	2.20E-5
	CC21	-0.0175	-0.2347	-0.1160	-4.55E-31	3.03E-5	5.04E-5
687	CC1	0.0025	-0.0051	-0.1121	0.00E+0	6.26E-6	5.24E-7
	CC2	0.0025	-0.0051	-0.1121	0.00E+0	6.26E-6	5.24E-7
	CC3	0.0025	-0.0051	-0.1121	0.00E+0	6.26E-6	5.24E-7

	CC4	0.0025	-0.0047	-0.1095	0.00E+0	5.69E-6	5.47E-7
	CC5	0.0025	-0.0047	-0.1095	0.00E+0	5.69E-6	5.47E-7
	CC6	0.0881	0.1737	-0.1176	2.04E-31	-1.61E-4	-8.23E-5
	CC7	0.0861	0.1548	-0.1178	2.04E-31	-1.57E-4	-7.19E-5
	CC8	0.0914	0.0333	-0.1217	8.21E-32	-1.66E-4	-6.86E-5
	CC9	0.0894	0.0143	-0.1219	8.21E-32	-1.62E-4	-5.82E-5
	CC10	-0.0844	-0.0234	-0.0954	-8.21E-32	1.73E-4	5.93E-5
	CC11	-0.0864	-0.0423	-0.0956	-8.21E-32	1.77E-4	6.97E-5
	CC12	-0.0812	-0.1638	-0.0995	-2.04E-31	1.68E-4	7.30E-5
	CC13	-0.0832	-0.1827	-0.0997	-2.04E-31	1.72E-4	8.34E-5
	CC14	0.0262	0.2904	-0.1048	2.47E-31	-4.34E-5	-6.07E-5
	CC15	0.0196	0.2278	-0.1056	2.47E-31	-2.88E-5	-2.63E-5
	CC16	-0.0255	0.2313	-0.0981	1.61E-31	5.67E-5	-1.83E-5
	CC17	-0.0321	0.1686	-0.0989	1.61E-31	7.13E-5	1.62E-5
	CC18	0.0371	-0.1777	-0.1184	-1.61E-31	-6.03E-5	-1.51E-5
	CC19	0.0305	-0.2403	-0.1192	-1.61E-31	-4.57E-5	1.94E-5
	CC20	-0.0147	-0.2368	-0.1117	-2.47E-31	3.98E-5	2.74E-5
	CC21	-0.0213	-0.2995	-0.1125	-2.47E-31	5.44E-5	6.18E-5
688	CC1	0.0023	-0.0033	-0.1110	-9.49E-6	1.09E-6	-3.21E-6
	CC2	0.0023	-0.0033	-0.1110	-9.49E-6	1.09E-6	-3.21E-6
	CC3	0.0023	-0.0033	-0.1110	-9.49E-6	1.09E-6	-3.21E-6
	CC4	0.0023	-0.0030	-0.1084	-8.55E-6	9.77E-7	-3.21E-6
	CC5	0.0023	-0.0030	-0.1084	-8.55E-6	9.77E-7	-3.21E-6
	CC6	0.0636	0.1082	-0.1168	3.84E-4	-4.39E-5	-8.64E-5
	CC7	0.0610	0.0961	-0.1206	3.43E-4	-3.92E-5	-7.66E-5
	CC8	0.0628	0.0266	-0.1475	7.41E-5	-8.47E-6	-5.27E-5
	CC9	0.0602	0.0144	-0.1513	3.33E-5	-3.81E-6	-4.29E-5
	CC10	-0.0556	-0.0203	-0.0637	-4.98E-5	5.69E-6	3.64E-5
	CC11	-0.0582	-0.0324	-0.0675	-9.06E-5	1.04E-5	4.62E-5
	CC12	-0.0565	-0.1019	-0.0944	-3.59E-4	4.11E-5	7.01E-5
	CC13	-0.0591	-0.1141	-0.0982	-4.00E-4	4.57E-5	8.00E-5
	CC14	0.0258	0.1726	-0.0580	6.40E-4	-7.32E-5	-9.41E-5
	CC15	0.0172	0.1324	-0.0706	5.05E-4	-5.78E-5	-6.16E-5
	CC16	-0.0099	0.1340	-0.0421	5.10E-4	-5.83E-5	-5.72E-5
	CC17	-0.0186	0.0938	-0.0547	3.75E-4	-4.29E-5	-2.47E-5
	CC18	0.0231	-0.0997	-0.1603	-3.92E-4	4.48E-5	1.83E-5
	CC19	0.0145	-0.1399	-0.1729	-5.27E-4	6.02E-5	5.08E-5
	CC20	-0.0127	-0.1382	-0.1444	-5.22E-4	5.97E-5	5.51E-5
	CC21	-0.0213	-0.1784	-0.1570	-6.57E-4	7.51E-5	8.76E-5
689	CC1	0.0023	-0.0040	-0.1123	-6.43E-6	7.35E-7	-1.62E-6
	CC2	0.0023	-0.0040	-0.1123	-6.43E-6	7.35E-7	-1.62E-6
	CC3	0.0023	-0.0040	-0.1123	-6.43E-6	7.35E-7	-1.62E-6
	CC4	0.0023	-0.0036	-0.1096	-5.53E-6	6.32E-7	-1.61E-6
	CC5	0.0023	-0.0036	-0.1096	-5.53E-6	6.32E-7	-1.61E-6
	CC6	0.0796	0.1439	-0.1183	4.25E-4	-4.85E-5	-7.33E-5
	CC7	0.0762	0.1280	-0.1224	3.80E-4	-4.34E-5	-6.44E-5
	CC8	0.0786	0.0330	-0.1517	8.19E-5	-9.36E-6	-5.81E-5
	CC9	0.0752	0.0171	-0.1558	3.70E-5	-4.24E-6	-4.92E-5
	CC10	-0.0707	-0.0241	-0.0617	-4.75E-5	5.43E-6	4.60E-5
	CC11	-0.0741	-0.0400	-0.0658	-9.24E-5	1.06E-5	5.49E-5
	CC12	-0.0716	-0.1350	-0.0951	-3.90E-4	4.46E-5	6.12E-5
	CC13	-0.0750	-0.1509	-0.0992	-4.35E-4	4.97E-5	7.01E-5
	CC14	0.0320	0.2328	-0.0548	7.11E-4	-8.13E-5	-5.95E-5
	CC15	0.0208	0.1802	-0.0684	5.63E-4	-6.43E-5	-3.01E-5
	CC16	-0.0131	0.1824	-0.0378	5.69E-4	-6.51E-5	-2.37E-5
	CC17	-0.0243	0.1298	-0.0514	4.21E-4	-4.81E-5	5.71E-6
	CC18	0.0288	-0.1368	-0.1661	-4.31E-4	4.93E-5	-8.93E-6
	CC19	0.0176	-0.1894	-0.1797	-5.80E-4	6.63E-5	2.05E-5
	CC20	-0.0163	-0.1872	-0.1491	-5.73E-4	6.55E-5	2.69E-5
	CC21	-0.0274	-0.2398	-0.1627	-7.22E-4	8.25E-5	5.63E-5
690	CC1	0.0019	-0.0047	-0.1134	-1.21E-5	1.39E-6	1.52E-6
	CC2	0.0019	-0.0047	-0.1134	-1.21E-5	1.39E-6	1.52E-6
	CC3	0.0019	-0.0047	-0.1134	-1.21E-5	1.39E-6	1.52E-6
	CC4	0.0020	-0.0043	-0.1107	-1.10E-5	1.26E-6	1.51E-6
	CC5	0.0020	-0.0043	-0.1107	-1.10E-5	1.26E-6	1.51E-6
	CC6	0.0952	0.1804	-0.1197	4.04E-4	-4.62E-5	-5.43E-5
	CC7	0.0910	0.1606	-0.1240	3.60E-4	-4.12E-5	-4.67E-5
	CC8	0.0942	0.0395	-0.1549	7.52E-5	-8.60E-6	-6.22E-5
	CC9	0.0901	0.0197	-0.1592	3.17E-5	-3.63E-6	-5.46E-5
	CC10	-0.0861	-0.0280	-0.0604	-5.30E-5	6.05E-6	5.76E-5
	CC11	-0.0903	-0.0478	-0.0647	-9.65E-5	1.10E-5	6.53E-5
	CC12	-0.0871	-0.1689	-0.0956	-3.82E-4	4.36E-5	4.97E-5

	CC13	-0.0912	-0.1887	-0.0999	-4.25E-4	4.86E-5	5.74E-5
	CC14	0.0376	0.2946	-0.0529	6.78E-4	-7.75E-5	-1.48E-5
	CC15	0.0239	0.2293	-0.0672	5.34E-4	-6.10E-5	1.05E-5
	CC16	-0.0168	0.2321	-0.0351	5.41E-4	-6.18E-5	1.88E-5
	CC17	-0.0305	0.1667	-0.0494	3.97E-4	-4.53E-5	4.41E-5
	CC18	0.0345	-0.1751	-0.1702	-4.18E-4	4.78E-5	-4.11E-5
	CC19	0.0208	-0.2404	-0.1845	-5.62E-4	6.42E-5	-1.58E-5
	CC20	-0.0199	-0.2376	-0.1524	-5.55E-4	6.34E-5	-7.53E-6
	CC21	-0.0336	-0.3030	-0.1667	-6.99E-4	7.99E-5	1.78E-5
691	CC1	0.0027	-0.0026	-0.1085	-1.16E-5	1.19E-6	1.73E-6
	CC2	0.0027	-0.0026	-0.1085	-1.16E-5	1.19E-6	1.73E-6
	CC3	0.0027	-0.0026	-0.1085	-1.16E-5	1.19E-6	1.73E-6
	CC4	0.0026	-0.0024	-0.1061	-1.07E-5	1.09E-6	1.56E-6
	CC5	0.0026	-0.0024	-0.1061	-1.07E-5	1.09E-6	1.56E-6
	CC6	0.0572	0.1087	-0.1473	3.73E-4	-3.82E-5	-6.78E-5
	CC7	0.0565	0.0966	-0.1442	3.33E-4	-3.41E-5	-5.94E-5
	CC8	0.0593	0.0275	-0.1262	6.82E-5	-6.97E-6	-4.56E-5
	CC9	0.0586	0.0154	-0.1231	2.84E-5	-2.90E-6	-3.72E-5
	CC10	-0.0533	-0.0199	-0.0875	-4.91E-5	5.02E-6	4.03E-5
	CC11	-0.0540	-0.0321	-0.0843	-8.88E-5	9.09E-6	4.86E-5
	CC12	-0.0512	-0.1011	-0.0663	-3.54E-4	3.62E-5	6.24E-5
	CC13	-0.0519	-0.1132	-0.0632	-3.94E-4	4.03E-5	7.08E-5
	CC14	0.0170	0.1723	-0.1547	6.27E-4	-6.42E-5	-6.54E-5
	CC15	0.0146	0.1322	-0.1443	4.96E-4	-5.07E-5	-3.78E-5
	CC16	-0.0162	0.1338	-0.1367	5.01E-4	-5.12E-5	-3.30E-5
	CC17	-0.0185	0.0936	-0.1264	3.69E-4	-3.77E-5	-5.41E-6
	CC18	0.0238	-0.0982	-0.0842	-3.90E-4	3.98E-5	8.41E-6
	CC19	0.0215	-0.1383	-0.0738	-5.21E-4	5.33E-5	3.60E-5
	CC20	-0.0094	-0.1367	-0.0662	-5.16E-4	5.28E-5	4.08E-5
	CC21	-0.0117	-0.1769	-0.0558	-6.48E-4	6.63E-5	6.85E-5
692	CC1	0.0027	-0.0037	-0.1095	-1.32E-5	1.35E-6	9.01E-7
	CC2	0.0027	-0.0037	-0.1095	-1.32E-5	1.35E-6	9.01E-7
	CC3	0.0027	-0.0037	-0.1095	-1.32E-5	1.35E-6	9.01E-7
	CC4	0.0027	-0.0034	-0.1071	-1.21E-5	1.24E-6	8.80E-7
	CC5	0.0027	-0.0034	-0.1071	-1.21E-5	1.24E-6	8.80E-7
	CC6	0.0713	0.1444	-0.1506	4.26E-4	-4.36E-5	-6.34E-5
	CC7	0.0704	0.1285	-0.1472	3.81E-4	-3.89E-5	-5.54E-5
	CC8	0.0743	0.0337	-0.1276	7.41E-5	-7.58E-6	-5.45E-5
	CC9	0.0734	0.0178	-0.1242	2.86E-5	-2.92E-6	-4.64E-5
	CC10	-0.0680	-0.0244	-0.0884	-5.20E-5	5.32E-6	4.82E-5
	CC11	-0.0689	-0.0403	-0.0850	-9.76E-5	9.99E-6	5.63E-5
	CC12	-0.0649	-0.1351	-0.0654	-4.04E-4	4.13E-5	5.71E-5
	CC13	-0.0658	-0.1510	-0.0620	-4.50E-4	4.60E-5	6.52E-5
	CC14	0.0201	0.2329	-0.1595	7.22E-4	-7.39E-5	-4.41E-5
	CC15	0.0170	0.1802	-0.1483	5.71E-4	-5.84E-5	-1.74E-5
	CC16	-0.0217	0.1823	-0.1408	5.79E-4	-5.92E-5	-1.06E-5
	CC17	-0.0248	0.1295	-0.1296	4.28E-4	-4.38E-5	1.61E-5
	CC18	0.0302	-0.1361	-0.0829	-4.51E-4	4.62E-5	-1.43E-5
	CC19	0.0272	-0.1889	-0.0717	-6.02E-4	6.16E-5	1.24E-5
	CC20	-0.0116	-0.1868	-0.0643	-5.95E-4	6.08E-5	1.92E-5
	CC21	-0.0146	-0.2395	-0.0531	-7.46E-4	7.63E-5	4.59E-5
693	CC1	0.0025	-0.0048	-0.1103	-1.13E-5	1.16E-6	-3.49E-6
	CC2	0.0025	-0.0048	-0.1103	-1.13E-5	1.16E-6	-3.49E-6
	CC3	0.0025	-0.0048	-0.1103	-1.13E-5	1.16E-6	-3.49E-6
	CC4	0.0025	-0.0044	-0.1079	-1.02E-5	1.04E-6	-3.30E-6
	CC5	0.0025	-0.0044	-0.1079	-1.02E-5	1.04E-6	-3.30E-6
	CC6	0.0852	0.1814	-0.1528	4.03E-4	-4.12E-5	-6.31E-5
	CC7	0.0840	0.1616	-0.1493	3.60E-4	-3.68E-5	-5.51E-5
	CC8	0.0891	0.0401	-0.1285	7.27E-5	-7.43E-6	-6.78E-5
	CC9	0.0879	0.0202	-0.1249	2.94E-5	-3.01E-6	-5.97E-5
	CC10	-0.0829	-0.0287	-0.0893	-4.91E-5	5.02E-6	5.32E-5
	CC11	-0.0841	-0.0486	-0.0857	-9.23E-5	9.44E-6	6.13E-5
	CC12	-0.0791	-0.1700	-0.0649	-3.80E-4	3.88E-5	4.86E-5
	CC13	-0.0802	-0.1899	-0.0614	-4.23E-4	4.33E-5	5.67E-5
	CC14	0.0232	0.2957	-0.1631	6.81E-4	-6.96E-5	-2.63E-5
	CC15	0.0193	0.2299	-0.1513	5.37E-4	-5.50E-5	3.50E-7
	CC16	-0.0272	0.2327	-0.1440	5.45E-4	-5.57E-5	8.62E-6
	CC17	-0.0311	0.1669	-0.1323	4.02E-4	-4.11E-5	3.53E-5
	CC18	0.0361	-0.1753	-0.0820	-4.21E-4	4.31E-5	-4.17E-5
	CC19	0.0322	-0.2412	-0.0702	-5.65E-4	5.78E-5	-1.51E-5
	CC20	-0.0143	-0.2384	-0.0629	-5.57E-4	5.70E-5	-6.82E-6
	CC21	-0.0182	-0.3042	-0.0511	-7.00E-4	7.16E-5	1.98E-5

694	CC1	0.0010	-0.0073	-0.0947	-2.70E-5	0.00E+0	-9.99E-6
	CC2	0.0010	-0.0073	-0.0947	-2.70E-5	0.00E+0	-9.99E-6
	CC3	0.0010	-0.0073	-0.0947	-2.70E-5	0.00E+0	-9.99E-6
	CC4	0.0011	-0.0067	-0.0920	-2.51E-5	0.00E+0	-9.75E-6
	CC5	0.0011	-0.0067	-0.0920	-2.51E-5	0.00E+0	-9.75E-6
	CC6	0.0743	0.0400	-0.0828	9.08E-5	4.11E-29	-9.96E-5
	CC7	0.0765	0.0377	-0.0820	8.48E-5	4.11E-29	-8.89E-5
	CC8	0.0812	-0.0808	-0.0657	-1.77E-4	1.64E-29	-7.07E-5
	CC9	0.0834	-0.0831	-0.0650	-1.83E-4	1.64E-29	-5.99E-5
	CC10	-0.0812	0.0700	-0.1171	1.34E-4	-1.64E-29	4.06E-5
	CC11	-0.0790	0.0677	-0.1163	1.28E-4	-1.64E-29	5.14E-5
	CC12	-0.0743	-0.0508	-0.1000	-1.34E-4	-4.11E-29	6.95E-5
	CC13	-0.0721	-0.0531	-0.0993	-1.40E-4	-4.11E-29	8.03E-5
	CC14	0.0092	0.1941	-0.1157	4.26E-4	4.99E-29	-9.68E-5
	CC15	0.0165	0.1864	-0.1131	4.06E-4	4.99E-29	-6.11E-5
	CC16	-0.0374	0.2031	-0.1260	4.39E-4	3.26E-29	-5.47E-5
	CC17	-0.0302	0.1954	-0.1234	4.19E-4	3.26E-29	-1.90E-5
	CC18	0.0323	-0.2086	-0.0587	-4.68E-4	-3.26E-29	-2.86E-7
	CC19	0.0396	-0.2162	-0.0561	-4.88E-4	-3.26E-29	3.54E-5
	CC20	-0.0143	-0.1996	-0.0690	-4.55E-4	-4.99E-29	4.18E-5
	CC21	-0.0070	-0.2072	-0.0664	-4.75E-4	-4.99E-29	7.75E-5
695	CC1	0.0005	-0.0056	-0.0941	-1.34E-5	0.00E+0	-4.90E-6
	CC2	0.0005	-0.0056	-0.0941	-1.34E-5	0.00E+0	-4.90E-6
	CC3	0.0005	-0.0056	-0.0941	-1.34E-5	0.00E+0	-4.90E-6
	CC4	0.0005	-0.0052	-0.0913	-1.23E-5	0.00E+0	-4.86E-6
	CC5	0.0005	-0.0052	-0.0913	-1.23E-5	0.00E+0	-4.86E-6
	CC6	0.0619	0.0297	-0.0837	1.19E-4	2.53E-29	-7.17E-5
	CC7	0.0637	0.0280	-0.0830	1.11E-4	2.53E-29	-6.33E-5
	CC8	0.0667	-0.0663	-0.0668	-1.78E-4	1.02E-29	-6.34E-5
	CC9	0.0685	-0.0679	-0.0661	-1.85E-4	1.02E-29	-5.49E-5
	CC10	-0.0674	0.0578	-0.1147	1.61E-4	-1.02E-29	4.52E-5
	CC11	-0.0656	0.0561	-0.1140	1.54E-4	-1.02E-29	5.37E-5
	CC12	-0.0626	-0.0382	-0.0978	-1.35E-4	-2.53E-29	5.36E-5
	CC13	-0.0608	-0.0398	-0.0971	-1.43E-4	-2.53E-29	6.20E-5
	CC14	0.0089	0.1533	-0.1150	4.88E-4	3.06E-29	-5.04E-5
	CC15	0.0150	0.1479	-0.1126	4.63E-4	3.06E-29	-2.23E-5
	CC16	-0.0299	0.1618	-0.1243	5.00E-4	1.99E-29	-1.53E-5
	CC17	-0.0238	0.1563	-0.1219	4.76E-4	1.99E-29	1.28E-5
	CC18	0.0249	-0.1664	-0.0589	-5.00E-4	-1.99E-29	-2.24E-5
	CC19	0.0310	-0.1719	-0.0565	-5.24E-4	-1.99E-29	5.63E-6
	CC20	-0.0139	-0.1580	-0.0682	-4.87E-4	-3.06E-29	1.26E-5
	CC21	-0.0078	-0.1635	-0.0658	-5.12E-4	-3.06E-29	4.07E-5
696	CC1	0.0001	-0.0042	-0.0933	-2.08E-5	0.00E+0	1.79E-6
	CC2	0.0001	-0.0042	-0.0933	-2.08E-5	0.00E+0	1.79E-6
	CC3	0.0001	-0.0042	-0.0933	-2.08E-5	0.00E+0	1.79E-6
	CC4	0.0001	-0.0039	-0.0906	-1.92E-5	0.00E+0	1.57E-6
	CC5	0.0001	-0.0039	-0.0906	-1.92E-5	0.00E+0	1.57E-6
	CC6	0.0495	0.0197	-0.0837	8.86E-5	1.88E-29	-4.26E-5
	CC7	0.0510	0.0187	-0.0831	8.28E-5	1.88E-29	-3.65E-5
	CC8	0.0527	-0.0519	-0.0678	-1.63E-4	7.48E-3	-5.38E-5
	CC9	0.0541	-0.0530	-0.0671	-1.69E-4	7.48E-3	-4.77E-5
	CC10	-0.0538	0.0454	-0.1123	1.32E-4	-7.48E-3	5.06E-5
	CC11	-0.0523	0.0444	-0.1116	1.26E-4	-7.48E-3	5.68E-5
	CC12	-0.0507	-0.0262	-0.0963	-1.20E-4	-1.88E-29	3.95E-5
	CC13	-0.0492	-0.0272	-0.0957	-1.26E-4	-1.88E-29	4.56E-5
	CC14	0.0081	0.1134	-0.1131	4.04E-4	2.28E-29	-4.08E-6
	CC15	0.0129	0.1101	-0.1109	3.85E-4	2.28E-29	1.62E-5
	CC16	-0.0229	0.1211	-0.1216	4.17E-4	1.49E-29	2.39E-5
	CC17	-0.0181	0.1178	-0.1195	3.98E-4	1.49E-29	4.41E-5
	CC18	0.0184	-0.1253	-0.0599	-4.35E-4	-1.49E-29	-4.11E-5
	CC19	0.0233	-0.1287	-0.0578	-4.54E-4	-1.49E-29	-2.09E-5
	CC20	-0.0126	-0.1176	-0.0685	-4.22E-4	-2.28E-29	-1.32E-5
	CC21	-0.0077	-0.1210	-0.0663	-4.42E-4	-2.28E-29	7.08E-6
697	CC1	0.0010	-0.0078	-0.0941	-2.50E-5	0.00E+0	-5.89E-6
	CC2	0.0010	-0.0078	-0.0941	-2.50E-5	0.00E+0	-5.89E-6
	CC3	0.0010	-0.0078	-0.0941	-2.50E-5	0.00E+0	-5.89E-6
	CC4	0.0010	-0.0073	-0.0914	-2.33E-5	0.00E+0	-5.89E-6
	CC5	0.0010	-0.0073	-0.0914	-2.33E-5	0.00E+0	-5.89E-6
	CC6	0.0750	0.0337	-0.0801	8.31E-5	2.89E-29	-9.15E-5
	CC7	0.0772	0.0321	-0.0793	7.85E-5	2.89E-29	-8.09E-5
	CC8	0.0817	-0.0854	-0.0600	-1.87E-4	1.15E-29	-6.97E-5
	CC9	0.0839	-0.0870	-0.0591	-1.92E-4	1.15E-29	-5.91E-5

	CC10	-0.0818	0.0728	-0.1218	1.46E-4	-1.15E-29	4.73E-5
	CC11	-0.0796	0.0712	-0.1210	1.42E-4	-1.15E-29	5.79E-5
	CC12	-0.0751	-0.0463	-0.1016	-1.24E-4	-2.89E-29	6.91E-5
	CC13	-0.0729	-0.0479	-0.1008	-1.29E-4	-2.89E-29	7.97E-5
	CC14	0.0097	0.1881	-0.1192	4.26E-4	3.49E-29	-8.06E-5
	CC15	0.0171	0.1828	-0.1165	4.10E-4	3.49E-29	-4.56E-5
	CC16	-0.0373	0.1998	-0.1317	4.45E-4	2.28E-29	-3.89E-5
	CC17	-0.0299	0.1945	-0.1290	4.29E-4	2.28E-29	-3.94E-6
	CC18	0.0320	-0.2087	-0.0519	-4.75E-4	-2.28E-29	-7.84E-6
	CC19	0.0394	-0.2140	-0.0492	-4.90E-4	-2.28E-29	2.71E-5
	CC20	-0.0151	-0.1970	-0.0644	-4.56E-4	-3.49E-29	3.38E-5
	CC21	-0.0077	-0.2023	-0.0617	-4.71E-4	-3.49E-29	6.88E-5
698	CC1	0.0004	-0.0059	-0.0935	-2.07E-5	0.00E+0	-2.33E-6
	CC2	0.0004	-0.0059	-0.0935	-2.07E-5	0.00E+0	-2.33E-6
	CC3	0.0004	-0.0059	-0.0935	-2.07E-5	0.00E+0	-2.33E-6
	CC4	0.0005	-0.0055	-0.0908	-1.92E-5	0.00E+0	-2.41E-6
	CC5	0.0005	-0.0055	-0.0908	-1.92E-5	0.00E+0	-2.41E-6
	CC6	0.0624	0.0245	-0.0805	8.95E-5	1.87E-29	-6.82E-5
	CC7	0.0642	0.0235	-0.0797	8.43E-5	1.87E-29	-5.99E-5
	CC8	0.0670	-0.0707	-0.0604	-1.83E-4	7.35E-3	-5.72E-5
	CC9	0.0689	-0.0717	-0.0596	-1.88E-4	7.35E-3	-4.89E-5
	CC10	-0.0679	0.0611	-0.1202	1.51E-4	-7.35E-3	4.41E-5
	CC11	-0.0660	0.0600	-0.1194	1.45E-4	-7.35E-3	5.23E-5
	CC12	-0.0632	-0.0342	-0.1001	-1.22E-4	-1.87E-29	5.51E-5
	CC13	-0.0614	-0.0352	-0.0993	-1.27E-4	-1.87E-29	6.34E-5
	CC14	0.0092	0.1496	-0.1187	4.35E-4	2.28E-29	-5.14E-5
	CC15	0.0153	0.1462	-0.1162	4.18E-4	2.28E-29	-2.39E-5
	CC16	-0.0299	0.1606	-0.1307	4.53E-4	1.50E-29	-1.77E-5
	CC17	-0.0237	0.1572	-0.1281	4.36E-4	1.50E-29	9.78E-6
	CC18	0.0247	-0.1678	-0.0517	-4.74E-4	-1.50E-29	-1.46E-5
	CC19	0.0309	-0.1712	-0.0492	-4.91E-4	-1.50E-29	1.28E-5
	CC20	-0.0143	-0.1569	-0.0637	-4.55E-4	-2.28E-29	1.90E-5
	CC21	-0.0082	-0.1603	-0.0611	-4.72E-4	-2.28E-29	4.65E-5
699	CC1	0.0000	-0.0041	-0.0929	-1.95E-5	0.00E+0	-7.24E-7
	CC2	0.0000	-0.0041	-0.0929	-1.95E-5	0.00E+0	-7.24E-7
	CC3	0.0000	-0.0041	-0.0929	-1.95E-5	0.00E+0	-7.24E-7
	CC4	0.0001	-0.0038	-0.0902	-1.82E-5	0.00E+0	-7.76E-7
	CC5	0.0001	-0.0038	-0.0902	-1.82E-5	0.00E+0	-7.76E-7
	CC6	0.0498	0.0159	-0.0801	7.93E-5	2.41E-29	-5.15E-5
	CC7	0.0512	0.0154	-0.0794	7.50E-5	2.41E-29	-4.50E-5
	CC8	0.0529	-0.0559	-0.0610	-1.77E-4	9.83E-3	-4.56E-5
	CC9	0.0543	-0.0565	-0.0603	-1.81E-4	9.83E-3	-3.91E-5
	CC10	-0.0542	0.0490	-0.1183	1.46E-4	-9.83E-3	3.75E-5
	CC11	-0.0527	0.0485	-0.1175	1.41E-4	-9.83E-3	4.40E-5
	CC12	-0.0511	-0.0229	-0.0992	-1.10E-4	-2.41E-29	4.34E-5
	CC13	-0.0496	-0.0234	-0.0984	-1.15E-4	-2.41E-29	4.99E-5
	CC14	0.0081	0.1119	-0.1167	4.06E-4	2.89E-29	-3.47E-5
	CC15	0.0130	0.1102	-0.1142	3.92E-4	2.89E-29	-1.33E-5
	CC16	-0.0231	0.1218	-0.1281	4.26E-4	1.87E-29	-7.99E-6
	CC17	-0.0182	0.1202	-0.1256	4.12E-4	1.87E-29	1.34E-5
	CC18	0.0184	-0.1276	-0.0529	-4.47E-4	-1.87E-29	-1.50E-5
	CC19	0.0232	-0.1293	-0.0504	-4.62E-4	-1.87E-29	6.41E-6
	CC20	-0.0128	-0.1177	-0.0644	-4.27E-4	-2.89E-29	1.17E-5
	CC21	-0.0080	-0.1194	-0.0619	-4.42E-4	-2.89E-29	3.31E-5
700	CC1	0.0010	-0.0081	-0.0936	-2.60E-5	0.00E+0	-1.47E-6
	CC2	0.0010	-0.0081	-0.0936	-2.60E-5	0.00E+0	-1.47E-6
	CC3	0.0010	-0.0081	-0.0936	-2.60E-5	0.00E+0	-1.47E-6
	CC4	0.0010	-0.0076	-0.0909	-2.43E-5	0.00E+0	-1.69E-6
	CC5	0.0010	-0.0076	-0.0909	-2.43E-5	0.00E+0	-1.69E-6
	CC6	0.0753	0.0276	-0.0785	6.89E-5	2.83E-3	-8.26E-5
	CC7	0.0776	0.0267	-0.0777	6.59E-5	2.83E-3	-7.25E-5
	CC8	0.0819	-0.0901	-0.0537	-1.98E-4	1.12E-3	-6.55E-5
	CC9	0.0841	-0.0910	-0.0529	-2.01E-4	1.12E-3	-5.53E-5
	CC10	-0.0820	0.0762	-0.1270	1.53E-4	-1.12E-3	5.18E-5
	CC11	-0.0798	0.0754	-0.1262	1.50E-4	-1.12E-3	6.20E-5
	CC12	-0.0755	-0.0414	-0.1022	-1.13E-4	-2.83E-3	6.89E-5
	CC13	-0.0733	-0.0423	-0.1014	-1.16E-4	-2.83E-3	7.91E-5
	CC14	0.0100	0.1829	-0.1254	4.13E-4	3.44E-3	-6.73E-5
	CC15	0.0175	0.1800	-0.1226	4.03E-4	3.44E-3	-3.37E-5
	CC16	-0.0372	0.1975	-0.1400	4.38E-4	2.25E-3	-2.69E-5
	CC17	-0.0297	0.1946	-0.1372	4.28E-4	2.25E-3	6.65E-6
	CC18	0.0318	-0.2093	-0.0427	-4.76E-4	-2.25E-3	-1.02E-5

	CC19	0.0393	-0.2122	-0.0399	-4.86E-4	-2.25E-3	2.34E-5
	CC20	-0.0154	-0.1948	-0.0573	-4.51E-4	-3.44E-3	3.02E-5
	CC21	-0.0080	-0.1976	-0.0545	-4.60E-4	-3.44E-3	6.37E-5
701	CC1	0.0004	-0.0060	-0.0930	-2.22E-5	0.00E+0	-6.06E-7
	CC2	0.0004	-0.0060	-0.0930	-2.22E-5	0.00E+0	-6.06E-7
	CC3	0.0004	-0.0060	-0.0930	-2.22E-5	0.00E+0	-6.06E-7
	CC4	0.0004	-0.0056	-0.0903	-2.07E-5	0.00E+0	-7.37E-7
	CC5	0.0004	-0.0056	-0.0903	-2.07E-5	0.00E+0	-7.37E-7
	CC6	0.0626	0.0192	-0.0772	7.15E-5	5.98E-3	-6.68E-5
	CC7	0.0644	0.0188	-0.0763	6.83E-5	5.98E-3	-5.85E-5
	CC8	0.0673	-0.0750	-0.0524	-1.94E-4	2.40E-3	-5.08E-5
	CC9	0.0692	-0.0754	-0.0515	-1.97E-4	2.40E-3	-4.25E-5
	CC10	-0.0683	0.0644	-0.1273	1.56E-4	-2.40E-3	4.10E-5
	CC11	-0.0664	0.0641	-0.1264	1.53E-4	-2.40E-3	4.92E-5
	CC12	-0.0635	-0.0297	-0.1025	-1.09E-4	-5.98E-3	5.70E-5
	CC13	-0.0617	-0.0301	-0.1017	-1.12E-4	-5.98E-3	6.52E-5
	CC14	0.0090	0.1453	-0.1246	4.14E-4	7.22E-3	-5.73E-5
	CC15	0.0152	0.1441	-0.1217	4.03E-4	7.22E-3	-3.00E-5
	CC16	-0.0302	0.1588	-0.1396	4.40E-4	4.70E-3	-2.49E-5
	CC17	-0.0240	0.1576	-0.1368	4.29E-4	4.70E-3	2.34E-6
	CC18	0.0249	-0.1686	-0.0421	-4.69E-4	-4.70E-3	-3.90E-6
	CC19	0.0311	-0.1698	-0.0392	-4.80E-4	-4.70E-3	2.34E-5
	CC20	-0.0143	-0.1550	-0.0571	-4.44E-4	-7.22E-3	2.84E-5
	CC21	-0.0081	-0.1562	-0.0542	-4.55E-4	-7.22E-3	5.57E-5
702	CC1	-0.0001	-0.0042	-0.0924	-1.96E-5	0.00E+0	-3.54E-7
	CC2	-0.0001	-0.0042	-0.0924	-1.96E-5	0.00E+0	-3.54E-7
	CC3	-0.0001	-0.0042	-0.0924	-1.96E-5	0.00E+0	-3.54E-7
	CC4	0.0000	-0.0039	-0.0897	-1.84E-5	0.00E+0	-3.79E-7
	CC5	0.0000	-0.0039	-0.0897	-1.84E-5	0.00E+0	-3.79E-7
	CC6	0.0499	0.0113	-0.0759	6.46E-5	2.68E-29	-4.99E-5
	CC7	0.0514	0.0114	-0.0750	6.19E-5	2.68E-29	-4.37E-5
	CC8	0.0531	-0.0597	-0.0520	-1.84E-4	1.07E-29	-3.79E-5
	CC9	0.0546	-0.0596	-0.0512	-1.87E-4	1.07E-29	-3.16E-5
	CC10	-0.0546	0.0520	-0.1265	1.51E-4	-1.07E-29	3.09E-5
	CC11	-0.0531	0.0521	-0.1256	1.48E-4	-1.07E-29	3.71E-5
	CC12	-0.0514	-0.0190	-0.1027	-9.79E-5	-2.68E-29	4.29E-5
	CC13	-0.0499	-0.0189	-0.1018	-1.01E-4	-2.68E-29	4.91E-5
	CC14	0.0079	0.1083	-0.1224	3.88E-4	3.25E-29	-4.29E-5
	CC15	0.0128	0.1086	-0.1195	3.79E-4	3.25E-29	-2.22E-5
	CC16	-0.0235	0.1205	-0.1376	4.14E-4	2.13E-29	-1.86E-5
	CC17	-0.0186	0.1208	-0.1347	4.05E-4	2.13E-29	2.01E-6
	CC18	0.0186	-0.1284	-0.0430	-4.41E-4	-2.13E-29	-2.79E-6
	CC19	0.0235	-0.1281	-0.0401	-4.50E-4	-2.13E-29	1.79E-5
	CC20	-0.0128	-0.1162	-0.0582	-4.15E-4	-3.25E-29	2.14E-5
	CC21	-0.0079	-0.1159	-0.0553	-4.24E-4	-3.25E-29	4.21E-5
703	CC1	0.0009	-0.0081	-0.0932	-2.55E-5	0.00E+0	7.59E-7
	CC2	0.0009	-0.0081	-0.0932	-2.55E-5	0.00E+0	7.59E-7
	CC3	0.0009	-0.0081	-0.0932	-2.55E-5	0.00E+0	7.59E-7
	CC4	0.0010	-0.0076	-0.0905	-2.39E-5	0.00E+0	4.62E-7
	CC5	0.0010	-0.0076	-0.0905	-2.39E-5	0.00E+0	4.62E-7
	CC6	0.0750	0.0226	-0.0764	6.19E-5	4.69E-29	-8.04E-5
	CC7	0.0773	0.0223	-0.0755	5.99E-5	4.69E-29	-7.03E-5
	CC8	0.0818	-0.0940	-0.0470	-2.08E-4	1.90E-29	-6.17E-5
	CC9	0.0840	-0.0942	-0.0462	-2.10E-4	1.90E-29	-5.16E-5
	CC10	-0.0820	0.0794	-0.1330	1.63E-4	-1.90E-29	5.23E-5
	CC11	-0.0798	0.0792	-0.1321	1.61E-4	-1.90E-29	6.24E-5
	CC12	-0.0753	-0.0371	-0.1036	-1.07E-4	-4.69E-29	7.11E-5
	CC13	-0.0730	-0.0374	-0.1028	-1.09E-4	-4.69E-29	8.12E-5
	CC14	0.0096	0.1787	-0.1314	4.15E-4	5.63E-29	-6.75E-5
	CC15	0.0170	0.1779	-0.1285	4.08E-4	5.63E-29	-3.40E-5
	CC16	-0.0375	0.1958	-0.1484	4.45E-4	3.66E-29	-2.77E-5
	CC17	-0.0301	0.1950	-0.1454	4.39E-4	3.66E-29	5.80E-6
	CC18	0.0321	-0.2098	-0.0337	-4.85E-4	-3.66E-29	-5.07E-6
	CC19	0.0395	-0.2106	-0.0307	-4.92E-4	-3.66E-29	2.84E-5
	CC20	-0.0150	-0.1927	-0.0507	-4.55E-4	-5.63E-29	3.48E-5
	CC21	-0.0076	-0.1936	-0.0477	-4.61E-4	-5.63E-29	6.82E-5
704	CC1	0.0003	-0.0061	-0.0926	-2.24E-5	0.00E+0	1.11E-6
	CC2	0.0003	-0.0061	-0.0926	-2.24E-5	0.00E+0	1.11E-6
	CC3	0.0003	-0.0061	-0.0926	-2.24E-5	0.00E+0	1.11E-6
	CC4	0.0004	-0.0057	-0.0900	-2.11E-5	0.00E+0	9.59E-7
	CC5	0.0004	-0.0057	-0.0900	-2.11E-5	0.00E+0	9.59E-7
	CC6	0.0629	0.0152	-0.0741	5.61E-5	1.73E-29	-6.59E-5

	CC7	0.0648	0.0154	-0.0731	5.45E-5	1.73E-29	-5.75E-5
	CC8	0.0680	-0.0786	-0.0449	-1.97E-4	6.84E-3	-4.68E-5
	CC9	0.0698	-0.0784	-0.0440	-1.99E-4	6.84E-3	-3.85E-5
	CC10	-0.0690	0.0674	-0.1342	1.57E-4	-6.84E-3	4.03E-5
	CC11	-0.0671	0.0676	-0.1332	1.56E-4	-6.84E-3	4.86E-5
	CC12	-0.0639	-0.0264	-0.1050	-9.57E-5	-1.73E-29	5.94E-5
	CC13	-0.0620	-0.0263	-0.1041	-9.73E-5	-1.73E-29	6.77E-5
	CC14	0.0087	0.1428	-0.1302	3.89E-4	2.11E-29	-6.06E-5
	CC15	0.0149	0.1433	-0.1270	3.83E-4	2.11E-29	-3.30E-5
	CC16	-0.0309	0.1584	-0.1483	4.19E-4	1.39E-29	-2.88E-5
	CC17	-0.0247	0.1589	-0.1450	4.14E-4	1.39E-29	-1.18E-6
	CC18	0.0255	-0.1700	-0.0331	-4.55E-4	-1.39E-29	2.99E-6
	CC19	0.0318	-0.1695	-0.0299	-4.60E-4	-1.39E-29	3.06E-5
	CC20	-0.0140	-0.1543	-0.0511	-4.25E-4	-2.11E-29	3.48E-5
	CC21	-0.0078	-0.1538	-0.0479	-4.30E-4	-2.11E-29	6.24E-5
705	CC1	0.0010	-0.0083	-0.0929	-2.54E-5	0.00E+0	2.25E-6
	CC2	0.0010	-0.0083	-0.0929	-2.54E-5	0.00E+0	2.25E-6
	CC3	0.0010	-0.0083	-0.0929	-2.54E-5	0.00E+0	2.25E-6
	CC4	0.0010	-0.0078	-0.0902	-2.39E-5	0.00E+0	1.93E-6
	CC5	0.0010	-0.0078	-0.0902	-2.39E-5	0.00E+0	1.93E-6
	CC6	0.0761	0.0196	-0.0742	5.44E-5	1.76E-29	-8.18E-5
	CC7	0.0784	0.0198	-0.0733	5.33E-5	1.76E-29	-7.13E-5
	CC8	0.0834	-0.0987	-0.0414	-2.17E-4	7.02E-3	-6.12E-5
	CC9	0.0856	-0.0986	-0.0405	-2.18E-4	7.02E-3	-5.07E-5
	CC10	-0.0836	0.0834	-0.1381	1.71E-4	-7.02E-3	5.44E-5
	CC11	-0.0813	0.0836	-0.1372	1.70E-4	-7.02E-3	6.49E-5
	CC12	-0.0763	-0.0350	-0.1053	-1.00E-4	-1.76E-29	7.49E-5
	CC13	-0.0741	-0.0348	-0.1044	-1.01E-4	-1.76E-29	8.54E-5
	CC14	0.0091	0.1798	-0.1360	4.13E-4	2.14E-29	-7.02E-5
	CC15	0.0166	0.1804	-0.1328	4.09E-4	2.14E-29	-3.55E-5
	CC16	-0.0388	0.1989	-0.1551	4.48E-4	1.40E-29	-2.94E-5
	CC17	-0.0313	0.1995	-0.1520	4.44E-4	1.40E-29	5.40E-6
	CC18	0.0333	-0.2147	-0.0266	-4.91E-4	-1.40E-29	-1.75E-6
	CC19	0.0408	-0.2141	-0.0235	-4.95E-4	-1.40E-29	3.30E-5
	CC20	-0.0146	-0.1956	-0.0458	-4.56E-4	-2.14E-29	3.91E-5
	CC21	-0.0071	-0.1950	-0.0426	-4.60E-4	-2.14E-29	7.39E-5
706	CC1	0.0005	-0.0067	-0.0926	-2.32E-5	0.00E+0	1.95E-6
	CC2	0.0005	-0.0067	-0.0926	-2.32E-5	0.00E+0	1.95E-6
	CC3	0.0005	-0.0067	-0.0926	-2.32E-5	0.00E+0	1.95E-6
	CC4	0.0006	-0.0063	-0.0899	-2.18E-5	0.00E+0	1.74E-6
	CC5	0.0006	-0.0063	-0.0899	-2.18E-5	0.00E+0	1.74E-6
	CC6	0.0672	0.0153	-0.0729	5.29E-5	2.25E-29	-7.19E-5
	CC7	0.0692	0.0156	-0.0719	5.20E-5	2.25E-29	-6.28E-5
	CC8	0.0730	-0.0859	-0.0410	-2.10E-4	9.10E-3	-4.74E-5
	CC9	0.0750	-0.0855	-0.0400	-2.11E-4	9.10E-3	-3.83E-5
	CC10	-0.0738	0.0733	-0.1380	1.68E-4	-9.10E-3	4.16E-5
	CC11	-0.0718	0.0736	-0.1370	1.67E-4	-9.10E-3	5.07E-5
	CC12	-0.0680	-0.0279	-0.1062	-9.47E-5	-2.25E-29	6.62E-5
	CC13	-0.0660	-0.0275	-0.1052	-9.57E-5	-2.25E-29	7.52E-5
	CC14	0.0087	0.1531	-0.1341	4.00E-4	2.72E-29	-7.13E-5
	CC15	0.0153	0.1543	-0.1307	3.97E-4	2.72E-29	-4.13E-5
	CC16	-0.0336	0.1705	-0.1536	4.35E-4	1.77E-29	-3.73E-5
	CC17	-0.0270	0.1717	-0.1502	4.32E-4	1.77E-29	-7.24E-6
	CC18	0.0282	-0.1839	-0.0279	-4.74E-4	-1.77E-29	1.06E-5
	CC19	0.0348	-0.1828	-0.0245	-4.78E-4	-1.77E-29	4.06E-5
	CC20	-0.0141	-0.1665	-0.0474	-4.40E-4	-2.72E-29	4.46E-5
	CC21	-0.0075	-0.1654	-0.0440	-4.43E-4	-2.72E-29	7.47E-5
707	CC1	-0.0024	-0.0036	-0.0911	0.00E+0	-5.80E-6	4.61E-6
	CC2	-0.0024	-0.0036	-0.0911	0.00E+0	-5.80E-6	4.61E-6
	CC3	-0.0024	-0.0036	-0.0911	0.00E+0	-5.80E-6	4.61E-6
	CC4	-0.0022	-0.0034	-0.0889	0.00E+0	-5.42E-6	4.27E-6
	CC5	-0.0022	-0.0034	-0.0889	0.00E+0	-5.42E-6	4.27E-6
	CC6	0.0579	-0.1131	-0.0684	1.60E-29	-1.78E-4	-4.44E-5
	CC7	0.0559	-0.0971	-0.0678	1.60E-29	-1.72E-4	-3.84E-5
	CC8	0.0573	-0.1676	-0.0725	6.36E-3	-1.80E-4	-3.58E-5
	CC9	0.0553	-0.1516	-0.0719	6.36E-3	-1.74E-4	-2.98E-5
	CC10	-0.0597	0.1450	-0.1045	-6.36E-3	1.63E-4	3.81E-5
	CC11	-0.0617	0.1610	-0.1040	-6.36E-3	1.69E-4	4.41E-5
	CC12	-0.0603	0.0906	-0.1086	-1.60E-29	1.61E-4	4.67E-5
	CC13	-0.0623	0.1065	-0.1080	-1.60E-29	1.67E-4	5.27E-5
	CC14	0.0197	0.0223	-0.0769	1.94E-29	-6.32E-5	-3.24E-5
	CC15	0.0131	0.0752	-0.0751	1.94E-29	-4.25E-5	-1.25E-5

	CC16	-0.0155	0.0997	-0.0877	1.27E-29	3.91E-5	-7.63E-6
	CC17	-0.0222	0.1526	-0.0859	1.27E-29	5.98E-5	1.22E-5
	CC18	0.0178	-0.1592	-0.0906	-1.27E-29	-7.04E-5	-3.90E-6
	CC19	0.0111	-0.1063	-0.0887	-1.27E-29	-4.97E-5	1.60E-5
	CC20	-0.0175	-0.0818	-0.1014	-1.94E-29	3.19E-5	2.09E-5
	CC21	-0.0242	-0.0289	-0.0995	-1.94E-29	5.26E-5	4.07E-5
708	CC1	-0.0018	-0.0035	-0.0898	0.00E+0	-5.09E-6	6.22E-6
	CC2	-0.0018	-0.0035	-0.0898	0.00E+0	-5.09E-6	6.22E-6
	CC3	-0.0018	-0.0035	-0.0898	0.00E+0	-5.09E-6	6.22E-6
	CC4	-0.0017	-0.0033	-0.0877	0.00E+0	-4.79E-6	5.74E-6
	CC5	-0.0017	-0.0033	-0.0877	0.00E+0	-4.79E-6	5.74E-6
	CC6	0.0560	-0.1130	-0.0617	6.68E-3	-1.72E-4	-4.23E-5
	CC7	0.0545	-0.0971	-0.0646	6.68E-3	-1.66E-4	-3.63E-5
	CC8	0.0571	-0.1675	-0.0523	2.67E-3	-1.82E-4	-3.33E-5
	CC9	0.0557	-0.1515	-0.0552	2.67E-3	-1.76E-4	-2.73E-5
	CC10	-0.0592	0.1451	-0.1189	-2.67E-3	1.67E-4	3.85E-5
	CC11	-0.0606	0.1611	-0.1219	-2.67E-3	1.72E-4	4.44E-5
	CC12	-0.0580	0.0906	-0.1095	-6.68E-3	1.57E-4	4.75E-5
	CC13	-0.0594	0.1066	-0.1124	-6.68E-3	1.62E-4	5.34E-5
	CC14	0.0160	0.0224	-0.0894	8.09E-3	-4.78E-5	-3.14E-5
	CC15	0.0112	0.0753	-0.0990	8.09E-3	-2.95E-5	-1.17E-5
	CC16	-0.0186	0.0998	-0.1065	5.28E-3	5.37E-5	-7.14E-6
	CC17	-0.0233	0.1527	-0.1161	5.28E-3	7.20E-5	1.25E-5
	CC18	0.0199	-0.1591	-0.0580	-5.28E-3	-8.14E-5	-1.39E-6
	CC19	0.0151	-0.1062	-0.0676	-5.28E-3	-6.31E-5	1.83E-5
	CC20	-0.0147	-0.0817	-0.0751	-8.09E-3	2.01E-5	2.28E-5
	CC21	-0.0194	-0.0288	-0.0847	-8.09E-3	3.84E-5	4.25E-5
709	CC1	-0.0007	-0.0064	-0.0922	0.00E+0	-1.50E-5	5.47E-6
	CC2	-0.0007	-0.0064	-0.0922	0.00E+0	-1.50E-5	5.47E-6
	CC3	-0.0007	-0.0064	-0.0922	0.00E+0	-1.50E-5	5.47E-6
	CC4	-0.0007	-0.0060	-0.0900	0.00E+0	-1.40E-5	5.12E-6
	CC5	-0.0007	-0.0060	-0.0900	0.00E+0	-1.40E-5	5.12E-6
	CC6	0.0892	-0.1718	-0.0683	2.40E-29	-1.85E-4	-7.67E-5
	CC7	0.0859	-0.1472	-0.0675	2.40E-29	-1.78E-4	-6.64E-5
	CC8	0.0906	-0.2578	-0.0737	9.71E-3	-1.89E-4	-6.52E-5
	CC9	0.0873	-0.2332	-0.0729	9.71E-3	-1.82E-4	-5.49E-5
	CC10	-0.0887	0.2216	-0.1057	-9.71E-3	1.55E-4	6.49E-5
	CC11	-0.0920	0.2461	-0.1049	-9.71E-3	1.62E-4	7.52E-5
	CC12	-0.0873	0.1356	-0.1112	-2.40E-29	1.50E-4	7.64E-5
	CC13	-0.0906	0.1601	-0.1103	-2.40E-29	1.57E-4	8.67E-5
	CC14	0.0291	0.0379	-0.0760	2.90E-29	-6.85E-5	-5.25E-5
	CC15	0.0182	0.1191	-0.0733	2.90E-29	-4.51E-5	-1.83E-5
	CC16	-0.0243	0.1559	-0.0873	1.88E-29	3.34E-5	-9.98E-6
	CC17	-0.0352	0.2371	-0.0845	1.88E-29	5.68E-5	2.41E-5
	CC18	0.0338	-0.2488	-0.0941	-1.88E-29	-8.42E-5	-1.41E-5
	CC19	0.0229	-0.1675	-0.0914	-1.88E-29	-6.07E-5	2.00E-5
	CC20	-0.0196	-0.1307	-0.1053	-2.90E-29	1.77E-5	2.83E-5
	CC21	-0.0305	-0.0495	-0.1026	-2.90E-29	4.11E-5	6.25E-5
710	CC1	-0.0017	-0.0049	-0.0917	0.00E+0	-8.60E-6	5.34E-6
	CC2	-0.0017	-0.0049	-0.0917	0.00E+0	-8.60E-6	5.34E-6
	CC3	-0.0017	-0.0049	-0.0917	0.00E+0	-8.60E-6	5.34E-6
	CC4	-0.0017	-0.0046	-0.0895	0.00E+0	-8.09E-6	4.97E-6
	CC5	-0.0017	-0.0046	-0.0895	0.00E+0	-8.09E-6	4.97E-6
	CC6	0.0732	-0.1417	-0.0683	3.34E-3	-1.83E-4	-5.81E-5
	CC7	0.0706	-0.1216	-0.0676	3.34E-3	-1.75E-4	-5.03E-5
	CC8	0.0741	-0.2115	-0.0732	1.34E-3	-1.90E-4	-4.69E-5
	CC9	0.0715	-0.1914	-0.0724	1.34E-3	-1.82E-4	-3.91E-5
	CC10	-0.0748	0.1824	-0.1052	-1.34E-3	1.66E-4	4.88E-5
	CC11	-0.0774	0.2025	-0.1045	-1.34E-3	1.74E-4	5.65E-5
	CC12	-0.0738	0.1126	-0.1100	-3.34E-3	1.60E-4	6.00E-5
	CC13	-0.0765	0.1328	-0.1093	-3.34E-3	1.67E-4	6.78E-5
	CC14	0.0234	0.0298	-0.0764	4.03E-3	-6.18E-5	-4.28E-5
	CC15	0.0147	0.0965	-0.0740	4.03E-3	-3.63E-5	-1.71E-5
	CC16	-0.0210	0.1271	-0.0874	2.63E-3	4.30E-5	-1.07E-5
	CC17	-0.0297	0.1937	-0.0851	2.63E-3	6.85E-5	1.50E-5
	CC18	0.0265	-0.2027	-0.0926	-2.63E-3	-8.44E-5	-5.30E-6
	CC19	0.0177	-0.1360	-0.0902	-2.63E-3	-5.89E-5	2.04E-5
	CC20	-0.0179	-0.1054	-0.1036	-4.03E-3	2.05E-5	2.68E-5
	CC21	-0.0267	-0.0388	-0.1012	-4.03E-3	4.59E-5	5.25E-5
711	CC1	-0.0012	-0.0048	-0.0902	0.00E+0	-8.60E-6	5.03E-6
	CC2	-0.0012	-0.0048	-0.0902	0.00E+0	-8.60E-6	5.03E-6
	CC3	-0.0012	-0.0048	-0.0902	0.00E+0	-8.60E-6	5.03E-6

	CC4	-0.0012	-0.0045	-0.0882	0.00E+0	-8.12E-6	4.68E-6
	CC5	-0.0012	-0.0045	-0.0882	0.00E+0	-8.12E-6	4.68E-6
	CC6	0.0711	-0.1417	-0.0610	6.47E-3	-1.73E-4	-5.81E-5
	CC7	0.0692	-0.1215	-0.0641	6.47E-3	-1.68E-4	-5.03E-5
	CC8	0.0730	-0.2114	-0.0510	2.58E-3	-1.80E-4	-4.64E-5
	CC9	0.0711	-0.1913	-0.0541	2.58E-3	-1.75E-4	-3.87E-5
	CC10	-0.0735	0.1825	-0.1209	-2.58E-3	1.59E-4	4.78E-5
	CC11	-0.0754	0.2026	-0.1240	-2.58E-3	1.64E-4	5.56E-5
	CC12	-0.0716	0.1127	-0.1109	-6.47E-3	1.52E-4	5.94E-5
	CC13	-0.0735	0.1329	-0.1139	-6.47E-3	1.57E-4	6.72E-5
	CC14	0.0205	0.0299	-0.0902	7.85E-3	-5.41E-5	-4.36E-5
	CC15	0.0142	0.0965	-0.1003	7.85E-3	-3.80E-5	-1.78E-5
	CC16	-0.0229	0.1271	-0.1081	5.13E-3	4.55E-5	-1.18E-5
	CC17	-0.0292	0.1938	-0.1182	5.13E-3	6.15E-5	1.39E-5
	CC18	0.0268	-0.2026	-0.0567	-5.13E-3	-7.75E-5	-4.80E-6
	CC19	0.0206	-0.1359	-0.0669	-5.13E-3	-6.14E-5	2.10E-5
	CC20	-0.0165	-0.1053	-0.0747	-7.85E-3	2.21E-5	2.70E-5
	CC21	-0.0228	-0.0387	-0.0848	-7.85E-3	3.82E-5	5.27E-5
712	CC1	-0.0003	-0.0063	-0.0906	0.00E+0	-1.27E-5	3.08E-6
	CC2	-0.0003	-0.0063	-0.0906	0.00E+0	-1.27E-5	3.08E-6
	CC3	-0.0003	-0.0063	-0.0906	0.00E+0	-1.27E-5	3.08E-6
	CC4	-0.0003	-0.0059	-0.0885	0.00E+0	-1.20E-5	2.93E-6
	CC5	-0.0003	-0.0059	-0.0885	0.00E+0	-1.20E-5	2.93E-6
	CC6	0.0862	-0.1717	-0.0607	2.80E-29	-1.74E-4	-7.81E-5
	CC7	0.0839	-0.1472	-0.0638	2.80E-29	-1.70E-4	-6.79E-5
	CC8	0.0886	-0.2577	-0.0502	1.10E-29	-1.80E-4	-6.58E-5
	CC9	0.0863	-0.2332	-0.0534	1.10E-29	-1.76E-4	-5.56E-5
	CC10	-0.0869	0.2217	-0.1224	-1.10E-29	1.52E-4	6.13E-5
	CC11	-0.0892	0.2462	-0.1255	-1.10E-29	1.57E-4	7.15E-5
	CC12	-0.0845	0.1357	-0.1119	-2.80E-29	1.46E-4	7.36E-5
	CC13	-0.0868	0.1602	-0.1151	-2.80E-29	1.51E-4	8.39E-5
	CC14	0.0255	0.0380	-0.0908	3.42E-29	-5.81E-5	-5.55E-5
	CC15	0.0178	0.1192	-0.1013	3.42E-29	-4.35E-5	-2.17E-5
	CC16	-0.0265	0.1560	-0.1093	2.25E-29	3.98E-5	-1.36E-5
	CC17	-0.0341	0.2372	-0.1198	2.25E-29	5.44E-5	2.02E-5
	CC18	0.0335	-0.2487	-0.0559	-2.25E-29	-7.79E-5	-1.44E-5
	CC19	0.0259	-0.1674	-0.0664	-2.25E-29	-6.33E-5	1.94E-5
	CC20	-0.0184	-0.1306	-0.0744	-3.42E-29	2.00E-5	2.74E-5
	CC21	-0.0261	-0.0494	-0.0849	-3.42E-29	3.46E-5	6.12E-5
713	CC1	0.0021	-0.0047	-0.1120	-4.42E-6	1.57E-5	4.49E-6
	CC2	0.0021	-0.0047	-0.1120	-4.42E-6	1.57E-5	4.49E-6
	CC3	0.0021	-0.0047	-0.1120	-4.42E-6	1.57E-5	4.49E-6
	CC4	0.0022	-0.0043	-0.1094	-4.00E-6	1.48E-5	4.45E-6
	CC5	0.0022	-0.0043	-0.1094	-4.00E-6	1.48E-5	4.45E-6
	CC6	0.0926	0.1857	-0.1285	4.42E-5	-1.24E-4	-1.01E-4
	CC7	0.0891	0.1652	-0.1311	3.96E-5	-1.21E-4	-8.89E-5
	CC8	0.0943	0.0454	-0.1544	9.26E-6	-1.61E-4	-6.90E-5
	CC9	0.0908	0.0249	-0.1569	4.60E-6	-1.58E-4	-5.64E-5
	CC10	-0.0865	-0.0332	-0.0601	-1.23E-5	1.87E-4	6.53E-5
	CC11	-0.0899	-0.0537	-0.0626	-1.70E-5	1.90E-4	7.79E-5
	CC12	-0.0848	-0.1736	-0.0860	-4.73E-5	1.50E-4	9.77E-5
	CC13	-0.0882	-0.1941	-0.0885	-5.19E-5	1.53E-4	1.10E-4
	CC14	0.0319	0.2965	-0.0714	7.06E-5	2.49E-5	-9.55E-5
	CC15	0.0205	0.2287	-0.0798	5.52E-5	3.39E-5	-5.37E-5
	CC16	-0.0218	0.2308	-0.0509	5.36E-5	1.18E-4	-4.55E-5
	CC17	-0.0332	0.1630	-0.0593	3.82E-5	1.27E-4	-3.71E-6
	CC18	0.0376	-0.1714	-0.1577	-4.59E-5	-9.81E-5	1.26E-5
	CC19	0.0262	-0.2392	-0.1661	-6.13E-5	-8.91E-5	5.44E-5
	CC20	-0.0161	-0.2371	-0.1372	-6.29E-5	-4.74E-6	6.26E-5
	CC21	-0.0275	-0.3049	-0.1456	-7.83E-5	4.23E-6	1.04E-4
714	CC1	0.0030	-0.0039	-0.1111	1.41E-7	2.00E-6	1.25E-5
	CC2	0.0030	-0.0039	-0.1111	1.41E-7	2.00E-6	1.25E-5
	CC3	0.0030	-0.0039	-0.1111	1.41E-7	2.00E-6	1.25E-5
	CC4	0.0029	-0.0035	-0.1085	1.15E-7	1.63E-6	1.23E-5
	CC5	0.0029	-0.0035	-0.1085	1.15E-7	1.63E-6	1.23E-5
	CC6	0.0804	0.1493	-0.1277	-9.07E-6	-1.29E-4	5.82E-5
	CC7	0.0774	0.1327	-0.1301	-9.09E-6	-1.29E-4	6.24E-5
	CC8	0.0790	0.0380	-0.1521	-1.31E-5	-1.87E-4	4.03E-5
	CC9	0.0760	0.0214	-0.1544	-1.31E-5	-1.87E-4	4.45E-5
	CC10	-0.0701	-0.0282	-0.0609	1.34E-5	1.90E-4	-1.99E-5
	CC11	-0.0732	-0.0448	-0.0633	1.33E-5	1.90E-4	-1.57E-5
	CC12	-0.0715	-0.1395	-0.0853	9.31E-6	1.32E-4	-3.79E-5

	CC13	-0.0746	-0.1561	-0.0877	9.29E-6	1.32E-4	-3.37E-5
	CC14	0.0329	0.2363	-0.0731	3.53E-6	5.02E-5	4.70E-5
	CC15	0.0228	0.1814	-0.0810	3.47E-6	4.93E-5	6.09E-5
	CC16	-0.0122	0.1830	-0.0531	1.03E-5	1.46E-4	2.36E-5
	CC17	-0.0224	0.1281	-0.0610	1.02E-5	1.45E-4	3.74E-5
	CC18	0.0282	-0.1349	-0.1544	-9.99E-6	-1.42E-4	-1.29E-5
	CC19	0.0181	-0.1899	-0.1622	-1.01E-5	-1.43E-4	1.01E-6
	CC20	-0.0169	-0.1882	-0.1343	-3.26E-6	-4.63E-5	-3.63E-5
	CC21	-0.0270	-0.2431	-0.1422	-3.32E-6	-4.72E-5	-2.24E-5
715	CC1	0.0027	-0.0030	-0.1101	3.46E-6	-1.06E-5	1.85E-6
	CC2	0.0027	-0.0030	-0.1101	3.46E-6	-1.06E-5	1.85E-6
	CC3	0.0027	-0.0030	-0.1101	3.46E-6	-1.06E-5	1.85E-6
	CC4	0.0026	-0.0027	-0.1076	3.73E-6	-1.08E-5	1.87E-6
	CC5	0.0026	-0.0027	-0.1076	3.73E-6	-1.08E-5	1.87E-6
	CC6	0.0652	0.1144	-0.1269	1.89E-4	-1.92E-4	3.83E-5
	CC7	0.0627	0.1015	-0.1291	1.69E-4	-1.84E-4	3.66E-5
	CC8	0.0625	0.0309	-0.1492	5.15E-5	-1.97E-4	-1.49E-5
	CC9	0.0599	0.0181	-0.1513	3.17E-5	-1.90E-4	-1.66E-5
	CC10	-0.0548	-0.0233	-0.0621	-2.41E-5	1.68E-4	2.03E-5
	CC11	-0.0573	-0.0362	-0.0643	-4.39E-5	1.76E-4	1.86E-5
	CC12	-0.0575	-0.1068	-0.0844	-1.62E-4	1.63E-4	-3.28E-5
	CC13	-0.0600	-0.1196	-0.0865	-1.81E-4	1.70E-4	-3.45E-5
	CC14	0.0294	0.1784	-0.0758	2.98E-4	-6.73E-5	9.59E-5
	CC15	0.0208	0.1358	-0.0829	2.32E-4	-4.35E-5	9.03E-5
	CC16	-0.0066	0.1371	-0.0563	2.34E-4	4.08E-5	9.05E-5
	CC17	-0.0152	0.0945	-0.0635	1.68E-4	6.45E-5	8.50E-5
	CC18	0.0203	-0.0998	-0.1500	-1.61E-4	-8.61E-5	-8.12E-5
	CC19	0.0118	-0.1423	-0.1571	-2.26E-4	-6.24E-5	-8.68E-5
	CC20	-0.0156	-0.1411	-0.1305	-2.25E-4	2.19E-5	-8.66E-5
	CC21	-0.0242	-0.1836	-0.1377	-2.90E-4	4.56E-5	-9.22E-5
716	CC1	0.0029	-0.0029	-0.1095	3.67E-5	-2.59E-5	2.88E-6
	CC2	0.0029	-0.0029	-0.1095	3.67E-5	-2.59E-5	2.88E-6
	CC3	0.0029	-0.0029	-0.1095	3.67E-5	-2.59E-5	2.88E-6
	CC4	0.0028	-0.0026	-0.1070	3.66E-5	-2.58E-5	2.96E-6
	CC5	0.0028	-0.0026	-0.1070	3.66E-5	-2.58E-5	2.96E-6
	CC6	0.0659	0.1146	-0.1365	4.38E-4	-2.42E-4	-5.20E-5
	CC7	0.0635	0.1017	-0.1368	3.96E-4	-2.32E-4	-4.51E-5
	CC8	0.0615	0.0311	-0.1450	1.29E-4	-2.18E-4	-4.61E-5
	CC9	0.0591	0.0183	-0.1453	8.71E-5	-2.08E-4	-3.92E-5
	CC10	-0.0534	-0.0234	-0.0671	-1.41E-5	1.57E-4	4.51E-5
	CC11	-0.0558	-0.0362	-0.0674	-5.61E-5	1.67E-4	5.21E-5
	CC12	-0.0578	-0.1068	-0.0756	-3.23E-4	1.80E-4	5.10E-5
	CC13	-0.0603	-0.1197	-0.0759	-3.65E-4	1.90E-4	5.80E-5
	CC14	0.0321	0.1785	-0.1019	6.89E-4	-1.42E-4	-3.29E-5
	CC15	0.0241	0.1359	-0.1030	5.50E-4	-1.09E-4	-9.93E-6
	CC16	-0.0037	0.1371	-0.0811	5.53E-4	-2.24E-5	-3.75E-6
	CC17	-0.0117	0.0945	-0.0822	4.14E-4	1.08E-5	1.92E-5
	CC18	0.0174	-0.0996	-0.1303	-3.41E-4	-6.23E-5	-1.32E-5
	CC19	0.0094	-0.1422	-0.1313	-4.80E-4	-2.90E-5	9.72E-6
	CC20	-0.0184	-0.1410	-0.1094	-4.77E-4	5.73E-5	1.59E-5
	CC21	-0.0264	-0.1836	-0.1105	-6.16E-4	9.05E-5	3.89E-5
717	CC1	0.0030	-0.0028	-0.1089	-1.20E-5	-1.93E-5	-1.97E-6
	CC2	0.0030	-0.0028	-0.1089	-1.20E-5	-1.93E-5	-1.97E-6
	CC3	0.0030	-0.0028	-0.1089	-1.20E-5	-1.93E-5	-1.97E-6
	CC4	0.0030	-0.0026	-0.1065	-1.12E-5	-1.92E-5	-1.92E-6
	CC5	0.0030	-0.0026	-0.1065	-1.12E-5	-1.92E-5	-1.92E-6
	CC6	0.0623	0.1151	-0.1490	3.37E-4	-2.16E-4	-1.34E-4
	CC7	0.0607	0.1022	-0.1473	3.01E-4	-2.09E-4	-1.19E-4
	CC8	0.0604	0.0314	-0.1412	7.31E-5	-2.03E-4	-6.52E-5
	CC9	0.0589	0.0185	-0.1395	3.63E-5	-1.95E-4	-5.01E-5
	CC10	-0.0529	-0.0234	-0.0719	-5.82E-5	1.57E-4	4.63E-5
	CC11	-0.0545	-0.0364	-0.0702	-9.51E-5	1.64E-4	6.14E-5
	CC12	-0.0548	-0.1071	-0.0640	-3.23E-4	1.70E-4	1.15E-4
	CC13	-0.0563	-0.1201	-0.0623	-3.59E-4	1.78E-4	1.30E-4
	CC14	0.0259	0.1792	-0.1332	5.50E-4	-1.11E-4	-1.68E-4
	CC15	0.0207	0.1364	-0.1276	4.28E-4	-8.57E-5	-1.18E-4
	CC16	-0.0086	0.1376	-0.1100	4.31E-4	9.98E-7	-1.14E-4
	CC17	-0.0139	0.0949	-0.1044	3.09E-4	2.62E-5	-6.40E-5
	CC18	0.0198	-0.0998	-0.1069	-3.31E-4	-6.46E-5	6.02E-5
	CC19	0.0146	-0.1426	-0.1013	-4.53E-4	-3.94E-5	1.10E-4
	CC20	-0.0147	-0.1414	-0.0838	-4.50E-4	4.73E-5	1.14E-4
	CC21	-0.0200	-0.1842	-0.0782	-5.72E-4	7.25E-5	1.64E-4

718	CC1	0.0025	-0.0047	-0.1112	-1.10E-5	2.44E-5	5.34E-6
	CC2	0.0025	-0.0047	-0.1112	-1.10E-5	2.44E-5	5.34E-6
	CC3	0.0025	-0.0047	-0.1112	-1.10E-5	2.44E-5	5.34E-6
	CC4	0.0025	-0.0042	-0.1087	-1.02E-5	2.35E-5	5.18E-6
	CC5	0.0025	-0.0042	-0.1087	-1.02E-5	2.35E-5	5.18E-6
	CC6	0.0904	0.1861	-0.1398	2.20E-4	-1.13E-4	-8.49E-5
	CC7	0.0878	0.1656	-0.1402	1.95E-4	-1.09E-4	-7.39E-5
	CC8	0.0937	0.0458	-0.1488	4.81E-5	-1.36E-4	-6.39E-5
	CC9	0.0911	0.0253	-0.1491	2.40E-5	-1.33E-4	-5.29E-5
	CC10	-0.0861	-0.0335	-0.0665	-4.40E-5	1.79E-4	6.31E-5
	CC11	-0.0887	-0.0540	-0.0668	-6.81E-5	1.82E-4	7.41E-5
	CC12	-0.0828	-0.1738	-0.0755	-2.15E-4	1.56E-4	8.41E-5
	CC13	-0.0854	-0.1943	-0.0758	-2.40E-4	1.59E-4	9.52E-5
	CC14	0.0278	0.2967	-0.1033	3.55E-4	1.24E-5	-7.04E-5
	CC15	0.0192	0.2287	-0.1044	2.75E-4	2.40E-5	-3.39E-5
	CC16	-0.0252	0.2308	-0.0813	2.76E-4	9.99E-5	-2.60E-5
	CC17	-0.0338	0.1629	-0.0824	1.96E-4	1.12E-4	1.05E-5
	CC18	0.0388	-0.1710	-0.1333	-2.16E-4	-6.52E-5	-2.97E-7
	CC19	0.0302	-0.2390	-0.1343	-2.96E-4	-5.36E-5	3.62E-5
	CC20	-0.0141	-0.2369	-0.1113	-2.95E-4	2.23E-5	4.41E-5
	CC21	-0.0227	-0.3048	-0.1123	-3.75E-4	3.39E-5	8.06E-5
719	CC1	0.0037	-0.0038	-0.1104	2.12E-7	3.01E-6	7.90E-6
	CC2	0.0037	-0.0038	-0.1104	2.12E-7	3.01E-6	7.90E-6
	CC3	0.0037	-0.0038	-0.1104	2.12E-7	3.01E-6	7.90E-6
	CC4	0.0037	-0.0035	-0.1079	1.87E-7	2.66E-6	7.80E-6
	CC5	0.0037	-0.0035	-0.1079	1.87E-7	2.66E-6	7.80E-6
	CC6	0.0808	0.1495	-0.1382	-6.65E-6	-9.46E-5	-6.19E-5
	CC7	0.0782	0.1329	-0.1385	-7.16E-6	-1.02E-4	-5.32E-5
	CC8	0.0792	0.0383	-0.1471	-1.39E-5	-1.97E-4	-5.10E-5
	CC9	0.0766	0.0217	-0.1474	-1.44E-5	-2.05E-4	-4.24E-5
	CC10	-0.0692	-0.0283	-0.0667	1.48E-5	2.10E-4	5.79E-5
	CC11	-0.0718	-0.0450	-0.0670	1.42E-5	2.02E-4	6.65E-5
	CC12	-0.0708	-0.1396	-0.0756	7.52E-6	1.07E-4	6.88E-5
	CC13	-0.0734	-0.1562	-0.0759	7.00E-6	9.97E-5	7.74E-5
	CC14	0.0331	0.2363	-0.1024	9.87E-6	1.40E-4	-4.26E-5
	CC15	0.0246	0.1813	-0.1035	8.16E-6	1.16E-4	-1.40E-5
	CC16	-0.0118	0.1829	-0.0810	1.63E-5	2.32E-4	-6.69E-6
	CC17	-0.0204	0.1279	-0.0821	1.46E-5	2.07E-4	2.19E-5
	CC18	0.0278	-0.1346	-0.1320	-1.42E-5	-2.02E-4	-6.37E-6
	CC19	0.0192	-0.1896	-0.1331	-1.59E-5	-2.27E-4	2.22E-5
	CC20	-0.0172	-0.1879	-0.1106	-7.80E-6	-1.11E-4	2.96E-5
	CC21	-0.0258	-0.2429	-0.1117	-9.51E-6	-1.35E-4	5.82E-5
720	CC1	0.0036	-0.0037	-0.1097	2.42E-7	3.42E-6	-1.08E-5
	CC2	0.0036	-0.0037	-0.1097	2.42E-7	3.42E-6	-1.08E-5
	CC3	0.0036	-0.0037	-0.1097	2.42E-7	3.42E-6	-1.08E-5
	CC4	0.0036	-0.0033	-0.1073	2.21E-7	3.13E-6	-1.06E-5
	CC5	0.0036	-0.0033	-0.1073	2.21E-7	3.13E-6	-1.06E-5
	CC6	0.0767	0.1501	-0.1517	-7.46E-6	-1.06E-4	-1.07E-4
	CC7	0.0749	0.1335	-0.1499	-7.86E-6	-1.12E-4	-9.51E-5
	CC8	0.0776	0.0387	-0.1432	-1.32E-5	-1.88E-4	-7.56E-5
	CC9	0.0757	0.0221	-0.1414	-1.36E-5	-1.94E-4	-6.41E-5
	CC10	-0.0686	-0.0285	-0.0715	1.40E-5	2.00E-4	4.29E-5
	CC11	-0.0704	-0.0452	-0.0697	1.36E-5	1.94E-4	5.45E-5
	CC12	-0.0678	-0.1399	-0.0630	8.29E-6	1.18E-4	7.39E-5
	CC13	-0.0696	-0.1566	-0.0612	7.88E-6	1.12E-4	8.55E-5
	CC14	0.0270	0.2368	-0.1356	7.25E-6	1.03E-4	-1.04E-4
	CC15	0.0210	0.1816	-0.1296	5.91E-6	8.40E-5	-6.55E-5
	CC16	-0.0166	0.1832	-0.1115	1.37E-5	1.95E-4	-5.89E-5
	CC17	-0.0226	0.1280	-0.1056	1.24E-5	1.76E-4	-2.07E-5
	CC18	0.0297	-0.1345	-0.1073	-1.19E-5	-1.70E-4	-4.79E-7
	CC19	0.0237	-0.1897	-0.1014	-1.33E-5	-1.89E-4	3.78E-5
	CC20	-0.0138	-0.1881	-0.0833	-5.49E-6	-7.80E-5	4.44E-5
	CC21	-0.0198	-0.2433	-0.0773	-6.82E-6	-9.69E-5	8.27E-5
721	CC1	0.0026	-0.0046	-0.1104	-1.17E-5	1.93E-5	-1.36E-6
	CC2	0.0026	-0.0046	-0.1104	-1.17E-5	1.93E-5	-1.36E-6
	CC3	0.0026	-0.0046	-0.1104	-1.17E-5	1.93E-5	-1.36E-6
	CC4	0.0027	-0.0041	-0.1079	-1.09E-5	1.86E-5	-1.46E-6
	CC5	0.0027	-0.0041	-0.1079	-1.09E-5	1.86E-5	-1.46E-6
	CC6	0.0880	0.1869	-0.1539	9.26E-5	-1.25E-4	-7.39E-5
	CC7	0.0862	0.1663	-0.1520	8.26E-5	-1.22E-4	-6.45E-5
	CC8	0.0918	0.0464	-0.1446	1.60E-5	-1.49E-4	-6.87E-5
	CC9	0.0900	0.0258	-0.1427	5.94E-6	-1.46E-4	-5.93E-5

	CC10	-0.0846	-0.0338	-0.0716	-2.73E-5	1.83E-4	5.63E-5
	CC11	-0.0865	-0.0544	-0.0697	-3.73E-5	1.85E-4	6.57E-5
	CC12	-0.0808	-0.1743	-0.0622	-1.04E-4	1.59E-4	6.15E-5
	CC13	-0.0827	-0.1949	-0.0603	-1.14E-4	1.61E-4	7.09E-5
	CC14	0.0253	0.2974	-0.1382	1.52E-4	8.28E-6	-4.52E-5
	CC15	0.0191	0.2291	-0.1319	1.18E-4	1.66E-5	-1.40E-5
	CC16	-0.0265	0.2312	-0.1135	1.16E-4	1.01E-4	-6.17E-6
	CC17	-0.0327	0.1629	-0.1072	8.25E-5	1.09E-4	2.50E-5
	CC18	0.0380	-0.1709	-0.1071	-1.04E-4	-7.23E-5	-2.80E-5
	CC19	0.0318	-0.2392	-0.1007	-1.37E-4	-6.40E-5	3.18E-6
	CC20	-0.0138	-0.2372	-0.0824	-1.40E-4	2.00E-5	1.10E-5
	CC21	-0.0200	-0.3054	-0.0760	-1.73E-4	2.83E-5	4.22E-5
722	CC1	0.0028	-0.0097	-0.0931	0.00E+0	-1.77E-5	-2.29E-6
	CC2	0.0028	-0.0097	-0.0931	0.00E+0	-1.77E-5	-2.29E-6
	CC3	0.0028	-0.0097	-0.0931	0.00E+0	-1.77E-5	-2.29E-6
	CC4	0.0026	-0.0090	-0.0909	0.00E+0	-1.66E-5	-1.86E-6
	CC5	0.0026	-0.0090	-0.0909	0.00E+0	-1.66E-5	-1.86E-6
	CC6	0.1158	-0.2173	-0.0664	3.85E-3	-1.80E-4	-1.07E-4
	CC7	0.1131	-0.1858	-0.0700	3.85E-3	-1.77E-4	-9.34E-5
	CC8	0.1194	-0.3381	-0.0526	1.52E-3	-1.85E-4	-8.84E-5
	CC9	0.1166	-0.3066	-0.0562	1.52E-3	-1.82E-4	-7.51E-5
	CC10	-0.1116	0.2889	-0.1241	-1.52E-3	1.50E-4	7.17E-5
	CC11	-0.1144	0.3204	-0.1277	-1.52E-3	1.53E-4	8.50E-5
	CC12	-0.1081	0.1681	-0.1103	-3.85E-3	1.44E-4	8.99E-5
	CC13	-0.1108	0.1996	-0.1139	-3.85E-3	1.47E-4	1.03E-4
	CC14	0.0352	0.0643	-0.0986	4.68E-3	-6.16E-5	-8.09E-5
	CC15	0.0261	0.1688	-0.1105	4.68E-3	-5.16E-5	-3.69E-5
	CC16	-0.0330	0.2162	-0.1159	3.07E-3	3.72E-5	-2.74E-5
	CC17	-0.0421	0.3207	-0.1278	3.07E-3	4.72E-5	1.66E-5
	CC18	0.0471	-0.3383	-0.0525	-3.07E-3	-7.96E-5	-2.00E-5
	CC19	0.0380	-0.2339	-0.0644	-3.07E-3	-6.96E-5	2.40E-5
	CC20	-0.0211	-0.1865	-0.0698	-4.68E-3	1.92E-5	3.35E-5
	CC21	-0.0302	-0.0820	-0.0817	-4.68E-3	2.92E-5	7.75E-5
723	CC1	0.0032	-0.0098	-0.0952	0.00E+0	-2.06E-5	-5.89E-6
	CC2	0.0032	-0.0098	-0.0952	0.00E+0	-2.06E-5	-5.89E-6
	CC3	0.0032	-0.0098	-0.0952	0.00E+0	-2.06E-5	-5.89E-6
	CC4	0.0029	-0.0092	-0.0928	0.00E+0	-1.92E-5	-5.14E-6
	CC5	0.0029	-0.0092	-0.0928	0.00E+0	-1.92E-5	-5.14E-6
	CC6	0.1201	-0.2171	-0.0958	8.42E-3	-1.86E-4	-1.07E-4
	CC7	0.1161	-0.1856	-0.0952	8.42E-3	-1.81E-4	-9.47E-5
	CC8	0.1219	-0.3377	-0.0983	3.37E-3	-1.89E-4	-8.78E-5
	CC9	0.1179	-0.3062	-0.0977	3.37E-3	-1.84E-4	-7.50E-5
	CC10	-0.1122	0.2882	-0.0864	-3.37E-3	1.47E-4	6.52E-5
	CC11	-0.1162	0.3197	-0.0859	-3.37E-3	1.52E-4	7.80E-5
	CC12	-0.1104	0.1676	-0.0889	-8.42E-3	1.44E-4	8.49E-5
	CC13	-0.1144	0.1991	-0.0883	-8.42E-3	1.49E-4	9.77E-5
	CC14	0.0412	0.0640	-0.0903	1.02E-29	-7.13E-5	-8.47E-5
	CC15	0.0280	0.1683	-0.0884	1.02E-29	-5.58E-5	-4.24E-5
	CC16	-0.0285	0.2156	-0.0875	6.65E-3	2.85E-5	-3.29E-5
	CC17	-0.0417	0.3199	-0.0856	6.65E-3	4.41E-5	9.41E-6
	CC18	0.0473	-0.3379	-0.0986	-6.65E-3	-8.15E-5	-1.92E-5
	CC19	0.0341	-0.2336	-0.0967	-6.65E-3	-6.60E-5	2.31E-5
	CC20	-0.0224	-0.1863	-0.0957	-1.02E-29	1.84E-5	3.26E-5
	CC21	-0.0356	-0.0820	-0.0939	-1.02E-29	3.39E-5	7.49E-5
724	CC1	0.0059	-0.0136	-0.0936	0.00E+0	-2.15E-5	-9.02E-6
	CC2	0.0059	-0.0136	-0.0936	0.00E+0	-2.15E-5	-9.02E-6
	CC3	0.0059	-0.0136	-0.0936	0.00E+0	-2.15E-5	-9.02E-6
	CC4	0.0055	-0.0127	-0.0914	0.00E+0	-2.01E-5	-8.00E-6
	CC5	0.0055	-0.0127	-0.0914	0.00E+0	-2.01E-5	-8.00E-6
	CC6	0.1457	-0.2735	-0.0665	3.10E-29	-1.73E-4	-1.42E-4
	CC7	0.1424	-0.2337	-0.0702	3.10E-29	-1.70E-4	-1.25E-4
	CC8	0.1497	-0.4282	-0.0523	1.22E-29	-1.78E-4	-1.23E-4
	CC9	0.1465	-0.3884	-0.0560	1.22E-29	-1.75E-4	-1.05E-4
	CC10	-0.1357	0.3636	-0.1254	-1.22E-29	1.36E-4	9.00E-5
	CC11	-0.1389	0.4034	-0.1291	-1.22E-29	1.39E-4	1.07E-4
	CC12	-0.1317	0.2089	-0.1112	-3.10E-29	1.31E-4	1.10E-4
	CC13	-0.1349	0.2487	-0.1149	-3.10E-29	1.34E-4	1.27E-4
	CC14	0.0463	0.0839	-0.0994	3.77E-29	-6.25E-5	-1.04E-4
	CC15	0.0355	0.2157	-0.1116	3.77E-29	-5.27E-5	-4.68E-5
	CC16	-0.0381	0.2750	-0.1171	2.47E-29	3.03E-5	-3.40E-5
	CC17	-0.0489	0.4069	-0.1293	2.47E-29	4.01E-5	2.28E-5
	CC18	0.0597	-0.4317	-0.0521	-2.47E-29	-7.95E-5	-3.82E-5

	CC19	0.0489	-0.2998	-0.0643	-2.47E-29	-6.97E-5	1.86E-5
	CC20	-0.0247	-0.2406	-0.0698	-3.77E-29	1.34E-5	3.15E-5
	CC21	-0.0355	-0.1087	-0.0819	-3.77E-29	2.32E-5	8.83E-5
725	CC1	0.0042	-0.0116	-0.0934	0.00E+0	-1.63E-5	-5.42E-6
	CC2	0.0042	-0.0116	-0.0934	0.00E+0	-1.63E-5	-5.42E-6
	CC3	0.0042	-0.0116	-0.0934	0.00E+0	-1.63E-5	-5.42E-6
	CC4	0.0040	-0.0108	-0.0912	0.00E+0	-1.54E-5	-4.71E-6
	CC5	0.0040	-0.0108	-0.0912	0.00E+0	-1.54E-5	-4.71E-6
	CC6	0.1308	-0.2453	-0.0664	2.18E-29	-1.77E-4	-1.23E-4
	CC7	0.1278	-0.2096	-0.0700	2.18E-29	-1.74E-4	-1.08E-4
	CC8	0.1346	-0.3827	-0.0523	8.84E-3	-1.81E-4	-1.03E-4
	CC9	0.1316	-0.3470	-0.0559	8.84E-3	-1.78E-4	-8.84E-5
	CC10	-0.1239	0.3258	-0.1251	-8.84E-3	1.48E-4	7.94E-5
	CC11	-0.1269	0.3615	-0.1287	-8.84E-3	1.51E-4	9.45E-5
	CC12	-0.1201	0.1884	-0.1109	-2.18E-29	1.44E-4	9.88E-5
	CC13	-0.1231	0.2241	-0.1146	-2.18E-29	1.46E-4	1.14E-4
	CC14	0.0407	0.0737	-0.0992	2.62E-29	-6.07E-5	-9.22E-5
	CC15	0.0308	0.1918	-0.1113	2.62E-29	-5.16E-5	-4.22E-5
	CC16	-0.0357	0.2450	-0.1168	1.70E-29	3.68E-5	-3.15E-5
	CC17	-0.0456	0.3632	-0.1289	1.70E-29	4.58E-5	1.85E-5
	CC18	0.0534	-0.3843	-0.0521	-1.70E-29	-7.60E-5	-2.74E-5
	CC19	0.0434	-0.2662	-0.0642	-1.70E-29	-6.69E-5	2.26E-5
	CC20	-0.0230	-0.2130	-0.0697	-2.62E-29	2.15E-5	3.32E-5
	CC21	-0.0330	-0.0949	-0.0818	-2.62E-29	3.06E-5	8.33E-5
726	CC1	0.0048	-0.0116	-0.0956	0.00E+0	-1.59E-5	-4.69E-6
	CC2	0.0048	-0.0116	-0.0956	0.00E+0	-1.59E-5	-4.69E-6
	CC3	0.0048	-0.0116	-0.0956	0.00E+0	-1.59E-5	-4.69E-6
	CC4	0.0044	-0.0109	-0.0933	0.00E+0	-1.51E-5	-4.03E-6
	CC5	0.0044	-0.0109	-0.0933	0.00E+0	-1.51E-5	-4.03E-6
	CC6	0.1357	-0.2454	-0.0962	2.56E-29	-1.85E-4	-1.24E-4
	CC7	0.1313	-0.2097	-0.0956	2.56E-29	-1.80E-4	-1.09E-4
	CC8	0.1377	-0.3828	-0.0987	1.03E-29	-1.91E-4	-1.04E-4
	CC9	0.1333	-0.3471	-0.0981	1.03E-29	-1.86E-4	-8.92E-5
	CC10	-0.1247	0.3259	-0.0869	-1.03E-29	1.56E-4	8.16E-5
	CC11	-0.1292	0.3616	-0.0864	-1.03E-29	1.61E-4	9.67E-5
	CC12	-0.1227	0.1885	-0.0894	-2.56E-29	1.50E-4	1.01E-4
	CC13	-0.1272	0.2242	-0.0889	-2.56E-29	1.56E-4	1.16E-4
	CC14	0.0474	0.0737	-0.0907	3.09E-29	-6.54E-5	-9.20E-5
	CC15	0.0327	0.1919	-0.0888	3.09E-29	-4.75E-5	-4.21E-5
	CC16	-0.0307	0.2451	-0.0879	2.01E-29	3.70E-5	-3.04E-5
	CC17	-0.0455	0.3632	-0.0861	2.01E-29	5.49E-5	1.96E-5
	CC18	0.0540	-0.3845	-0.0990	-2.01E-29	-8.45E-5	-2.72E-5
	CC19	0.0393	-0.2663	-0.0971	-2.01E-29	-6.65E-5	2.27E-5
	CC20	-0.0241	-0.2131	-0.0962	-3.09E-29	1.80E-5	3.44E-5
	CC21	-0.0388	-0.0949	-0.0943	-3.09E-29	3.59E-5	8.44E-5
727	CC1	0.0065	-0.0135	-0.0958	0.00E+0	-2.47E-5	-4.19E-6
	CC2	0.0065	-0.0135	-0.0958	0.00E+0	-2.47E-5	-4.19E-6
	CC3	0.0065	-0.0135	-0.0958	0.00E+0	-2.47E-5	-4.19E-6
	CC4	0.0061	-0.0126	-0.0935	0.00E+0	-2.30E-5	-3.57E-6
	CC5	0.0061	-0.0126	-0.0935	0.00E+0	-2.30E-5	-3.57E-6
	CC6	0.1515	-0.2739	-0.0968	1.17E-29	-1.84E-4	-1.40E-4
	CC7	0.1466	-0.2340	-0.0961	1.17E-29	-1.79E-4	-1.23E-4
	CC8	0.1537	-0.4289	-0.0995	4.71E-3	-1.89E-4	-1.22E-4
	CC9	0.1487	-0.3890	-0.0989	4.71E-3	-1.84E-4	-1.04E-4
	CC10	-0.1369	0.3643	-0.0865	-4.71E-3	1.39E-4	9.76E-5
	CC11	-0.1418	0.4042	-0.0859	-4.71E-3	1.44E-4	1.15E-4
	CC12	-0.1347	0.2094	-0.0893	-1.17E-29	1.34E-4	1.16E-4
	CC13	-0.1396	0.2493	-0.0887	-1.17E-29	1.39E-4	1.34E-4
	CC14	0.0537	0.0842	-0.0907	1.42E-29	-7.16E-5	-9.91E-5
	CC15	0.0374	0.2163	-0.0886	1.42E-29	-5.50E-5	-4.15E-5
	CC16	-0.0329	0.2756	-0.0876	9.25E-3	2.52E-5	-2.77E-5
	CC17	-0.0491	0.4077	-0.0855	9.25E-3	4.18E-5	2.99E-5
	CC18	0.0609	-0.4324	-0.0999	-9.25E-3	-8.68E-5	-3.66E-5
	CC19	0.0447	-0.3003	-0.0978	-9.25E-3	-7.01E-5	2.10E-5
	CC20	-0.0256	-0.2409	-0.0969	-1.42E-29	1.00E-5	3.48E-5
	CC21	-0.0418	-0.1088	-0.0947	-1.42E-29	2.67E-5	9.24E-5
728	CC1	0.0031	-0.0099	-0.0960	-2.30E-5	-3.55E-6	6.71E-6
	CC2	0.0031	-0.0099	-0.0960	-2.30E-5	-3.55E-6	6.71E-6
	CC3	0.0031	-0.0099	-0.0960	-2.30E-5	-3.55E-6	6.71E-6
	CC4	0.0028	-0.0093	-0.0937	-2.16E-5	-3.32E-6	6.35E-6
	CC5	0.0028	-0.0093	-0.0937	-2.16E-5	-3.32E-6	6.35E-6
	CC6	0.1250	-0.2242	-0.1259	-3.26E-4	-5.02E-5	-1.16E-4

	CC7	0.1196	-0.1919	-0.1209	-2.79E-4	-4.30E-5	-9.99E-5
	CC8	0.1244	-0.3437	-0.1469	-5.11E-4	-7.87E-5	-1.08E-4
	CC9	0.1189	-0.3114	-0.1419	-4.64E-4	-7.15E-5	-9.18E-5
	CC10	-0.1135	0.2932	-0.0439	4.22E-4	6.50E-5	1.04E-4
	CC11	-0.1189	0.3256	-0.0390	4.69E-4	7.22E-5	1.20E-4
	CC12	-0.1141	0.1737	-0.0649	2.37E-4	3.65E-5	1.12E-4
	CC13	-0.1196	0.2061	-0.0599	2.84E-4	4.37E-5	1.28E-4
	CC14	0.0486	0.0589	-0.0785	9.76E-5	1.50E-5	-6.69E-5
	CC15	0.0307	0.1661	-0.0621	2.52E-4	3.88E-5	-1.38E-5
	CC16	-0.0230	0.2141	-0.0539	3.22E-4	4.96E-5	-8.59E-7
	CC17	-0.0409	0.3213	-0.0375	4.77E-4	7.34E-5	5.23E-5
	CC18	0.0464	-0.3395	-0.1484	-5.19E-4	-7.99E-5	-3.98E-5
	CC19	0.0284	-0.2322	-0.1319	-3.64E-4	-5.61E-5	1.33E-5
	CC20	-0.0252	-0.1842	-0.1238	-2.94E-4	-4.53E-5	2.63E-5
	CC21	-0.0431	-0.0770	-0.1073	-1.40E-4	-2.15E-5	7.94E-5
729	CC1	0.0048	-0.0115	-0.0965	-1.82E-5	-2.80E-6	3.28E-6
	CC2	0.0048	-0.0115	-0.0965	-1.82E-5	-2.80E-6	3.28E-6
	CC3	0.0048	-0.0115	-0.0965	-1.82E-5	-2.80E-6	3.28E-6
	CC4	0.0045	-0.0107	-0.0941	-1.69E-5	-2.60E-6	2.95E-6
	CC5	0.0045	-0.0107	-0.0941	-1.69E-5	-2.60E-6	2.95E-6
	CC6	0.1411	-0.2533	-0.1268	-3.45E-4	-5.31E-5	-1.16E-4
	CC7	0.1350	-0.2166	-0.1217	-2.94E-4	-4.53E-5	-1.01E-4
	CC8	0.1407	-0.3897	-0.1482	-5.45E-4	-8.40E-5	-9.63E-5
	CC9	0.1346	-0.3530	-0.1432	-4.94E-4	-7.62E-5	-8.12E-5
	CC10	-0.1260	0.3320	-0.0435	4.62E-4	7.11E-5	8.68E-5
	CC11	-0.1320	0.3687	-0.0384	5.12E-4	7.89E-5	1.02E-4
	CC12	-0.1264	0.1956	-0.0649	2.61E-4	4.02E-5	1.06E-4
	CC13	-0.1324	0.2323	-0.0599	3.12E-4	4.80E-5	1.22E-4
	CC14	0.0551	0.0683	-0.0785	1.13E-4	1.74E-5	-8.52E-5
	CC15	0.0351	0.1898	-0.0617	2.81E-4	4.33E-5	-3.51E-5
	CC16	-0.0250	0.2439	-0.0535	3.55E-4	5.47E-5	-2.44E-5
	CC17	-0.0451	0.3654	-0.0367	5.23E-4	8.06E-5	2.57E-5
	CC18	0.0537	-0.3864	-0.1499	-5.56E-4	-8.57E-5	-2.00E-5
	CC19	0.0337	-0.2648	-0.1332	-3.88E-4	-5.97E-5	3.01E-5
	CC20	-0.0264	-0.2108	-0.1249	-3.14E-4	-4.84E-5	4.08E-5
	CC21	-0.0464	-0.0892	-0.1082	-1.46E-4	-2.25E-5	9.09E-5
730	CC1	0.0068	-0.0131	-0.0967	-2.58E-5	-3.98E-6	1.44E-6
	CC2	0.0068	-0.0131	-0.0967	-2.58E-5	-3.98E-6	1.44E-6
	CC3	0.0068	-0.0131	-0.0967	-2.58E-5	-3.98E-6	1.44E-6
	CC4	0.0063	-0.0123	-0.0943	-2.42E-5	-3.73E-6	1.05E-6
	CC5	0.0063	-0.0123	-0.0943	-2.42E-5	-3.73E-6	1.05E-6
	CC6	0.1576	-0.2829	-0.1272	-3.31E-4	-5.10E-5	-1.16E-4
	CC7	0.1508	-0.2418	-0.1221	-2.83E-4	-4.36E-5	-1.02E-4
	CC8	0.1575	-0.4369	-0.1489	-5.20E-4	-8.00E-5	-8.39E-5
	CC9	0.1508	-0.3958	-0.1438	-4.71E-4	-7.26E-5	-6.98E-5
	CC10	-0.1386	0.3718	-0.0433	4.24E-4	6.53E-5	7.16E-5
	CC11	-0.1453	0.4129	-0.0382	4.72E-4	7.27E-5	8.58E-5
	CC12	-0.1386	0.2178	-0.0650	2.36E-4	3.63E-5	1.04E-4
	CC13	-0.1454	0.2589	-0.0599	2.84E-4	4.37E-5	1.18E-4
	CC14	0.0618	0.0785	-0.0785	9.77E-5	1.50E-5	-1.04E-4
	CC15	0.0396	0.2145	-0.0615	2.57E-4	3.95E-5	-5.70E-5
	CC16	-0.0271	0.2749	-0.0533	3.24E-4	4.99E-5	-4.76E-5
	CC17	-0.0493	0.4110	-0.0364	4.83E-4	7.44E-5	-7.28E-7
	CC18	0.0615	-0.4349	-0.1508	-5.31E-4	-8.17E-5	2.57E-6
	CC19	0.0393	-0.2989	-0.1338	-3.72E-4	-5.72E-5	4.94E-5
	CC20	-0.0274	-0.2385	-0.1256	-3.04E-4	-4.68E-5	5.88E-5
	CC21	-0.0496	-0.1025	-0.1086	-1.45E-4	-2.23E-5	1.06E-4
731	CC1	0.0025	-0.0096	-0.0902	-2.24E-5	-3.44E-6	1.42E-6
	CC2	0.0025	-0.0096	-0.0902	-2.24E-5	-3.44E-6	1.42E-6
	CC3	0.0025	-0.0096	-0.0902	-2.24E-5	-3.44E-6	1.42E-6
	CC4	0.0024	-0.0090	-0.0882	-2.11E-5	-3.23E-6	1.29E-6
	CC5	0.0024	-0.0090	-0.0882	-2.11E-5	-3.23E-6	1.29E-6
	CC6	0.1118	-0.2247	-0.0372	-3.20E-4	-4.92E-5	-1.06E-4
	CC7	0.1102	-0.1922	-0.0449	-2.74E-4	-4.21E-5	-9.23E-5
	CC8	0.1169	-0.3446	-0.0081	-5.07E-4	-7.78E-5	-8.92E-5
	CC9	0.1153	-0.3121	-0.0157	-4.61E-4	-7.07E-5	-7.56E-5
	CC10	-0.1107	0.2946	-0.1594	4.19E-4	6.44E-5	7.81E-5
	CC11	-0.1123	0.3271	-0.1671	4.66E-4	7.15E-5	9.17E-5
	CC12	-0.1056	0.1746	-0.1302	2.33E-4	3.58E-5	9.48E-5
	CC13	-0.1072	0.2071	-0.1379	2.79E-4	4.28E-5	1.08E-4
	CC14	0.0299	0.0595	-0.1052	1.03E-4	1.58E-5	-7.68E-5
	CC15	0.0246	0.1671	-0.1305	2.55E-4	3.92E-5	-3.16E-5

	CC16	-0.0369	0.2152	-0.1418	3.25E-4	4.99E-5	-2.16E-5
	CC17	-0.0422	0.3228	-0.1672	4.77E-4	7.33E-5	2.36E-5
	CC18	0.0468	-0.3404	-0.0080	-5.18E-4	-7.96E-5	-2.11E-5
	CC19	0.0415	-0.2328	-0.0333	-3.66E-4	-5.62E-5	2.41E-5
	CC20	-0.0200	-0.1846	-0.0446	-2.97E-4	-4.55E-5	3.41E-5
	CC21	-0.0253	-0.0770	-0.0700	-1.44E-4	-2.21E-5	7.93E-5
732	CC1	0.0039	-0.0114	-0.0904	-2.30E-5	-3.53E-6	3.37E-6
	CC2	0.0039	-0.0114	-0.0904	-2.30E-5	-3.53E-6	3.37E-6
	CC3	0.0039	-0.0114	-0.0904	-2.30E-5	-3.53E-6	3.37E-6
	CC4	0.0037	-0.0107	-0.0884	-2.16E-5	-3.32E-6	3.05E-6
	CC5	0.0037	-0.0107	-0.0884	-2.16E-5	-3.32E-6	3.05E-6
	CC6	0.1262	-0.2531	-0.0369	-3.24E-4	-4.97E-5	-1.17E-4
	CC7	0.1245	-0.2165	-0.0446	-2.77E-4	-4.25E-5	-1.02E-4
	CC8	0.1316	-0.3894	-0.0072	-5.14E-4	-7.89E-5	-9.82E-5
	CC9	0.1299	-0.3528	-0.0150	-4.67E-4	-7.16E-5	-8.29E-5
	CC10	-0.1227	0.3319	-0.1606	4.24E-4	6.51E-5	8.88E-5
	CC11	-0.1244	0.3685	-0.1684	4.71E-4	7.24E-5	1.04E-4
	CC12	-0.1173	0.1956	-0.1309	2.34E-4	3.60E-5	1.08E-4
	CC13	-0.1190	0.2322	-0.1387	2.82E-4	4.32E-5	1.23E-4
	CC14	0.0347	0.0682	-0.1058	1.05E-4	1.62E-5	-8.46E-5
	CC15	0.0291	0.1897	-0.1315	2.61E-4	4.01E-5	-3.39E-5
	CC16	-0.0400	0.2438	-0.1429	3.30E-4	5.06E-5	-2.28E-5
	CC17	-0.0456	0.3652	-0.1686	4.85E-4	7.45E-5	2.78E-5
	CC18	0.0528	-0.3861	-0.0069	-5.28E-4	-8.10E-5	-2.19E-5
	CC19	0.0472	-0.2646	-0.0326	-3.72E-4	-5.71E-5	2.87E-5
	CC20	-0.0219	-0.2106	-0.0440	-3.03E-4	-4.65E-5	3.98E-5
	CC21	-0.0275	-0.0891	-0.0697	-1.48E-4	-2.26E-5	9.05E-5
733	CC1	0.0055	-0.0133	-0.0905	-2.40E-5	-3.68E-6	6.01E-6
	CC2	0.0055	-0.0133	-0.0905	-2.40E-5	-3.68E-6	6.01E-6
	CC3	0.0055	-0.0133	-0.0905	-2.40E-5	-3.68E-6	6.01E-6
	CC4	0.0051	-0.0125	-0.0885	-2.25E-5	-3.46E-6	5.48E-6
	CC5	0.0051	-0.0125	-0.0885	-2.25E-5	-3.46E-6	5.48E-6
	CC6	0.1405	-0.2821	-0.0366	-3.24E-4	-4.97E-5	-1.29E-4
	CC7	0.1387	-0.2412	-0.0444	-2.76E-4	-4.24E-5	-1.12E-4
	CC8	0.1463	-0.4355	-0.0066	-5.14E-4	-7.89E-5	-1.08E-4
	CC9	0.1445	-0.3946	-0.0145	-4.67E-4	-7.16E-5	-9.09E-5
	CC10	-0.1345	0.3702	-0.1613	4.22E-4	6.49E-5	1.02E-4
	CC11	-0.1362	0.4112	-0.1691	4.70E-4	7.21E-5	1.18E-4
	CC12	-0.1287	0.2168	-0.1313	2.32E-4	3.57E-5	1.22E-4
	CC13	-0.1305	0.2578	-0.1391	2.80E-4	4.29E-5	1.39E-4
	CC14	0.0396	0.0779	-0.1062	1.04E-4	1.60E-5	-9.17E-5
	CC15	0.0337	0.2134	-0.1321	2.61E-4	4.01E-5	-3.55E-5
	CC16	-0.0429	0.2736	-0.1436	3.28E-4	5.04E-5	-2.27E-5
	CC17	-0.0488	0.4091	-0.1695	4.85E-4	7.45E-5	3.35E-5
	CC18	0.0588	-0.4335	-0.0062	-5.29E-4	-8.12E-5	-2.29E-5
	CC19	0.0529	-0.2980	-0.0322	-3.72E-4	-5.72E-5	3.33E-5
	CC20	-0.0236	-0.2378	-0.0436	-3.05E-4	-4.69E-5	4.61E-5
	CC21	-0.0296	-0.1023	-0.0696	-1.48E-4	-2.28E-5	1.02E-4
734	CC1	0.0019	-0.0157	-0.1172	-3.81E-5	0.00E+0	4.78E-6
	CC2	0.0019	-0.0157	-0.1172	-3.81E-5	0.00E+0	4.78E-6
	CC3	0.0019	-0.0157	-0.1172	-3.81E-5	0.00E+0	4.78E-6
	CC4	0.0019	-0.0146	-0.1128	-3.56E-5	0.00E+0	4.77E-6
	CC5	0.0019	-0.0146	-0.1128	-3.56E-5	0.00E+0	4.77E-6
	CC6	0.1568	-0.0136	-0.0820	-3.63E-5	5.01E-29	-1.30E-4
	CC7	0.1501	-0.0068	-0.0827	-2.77E-5	5.01E-29	-1.13E-4
	CC8	0.1571	-0.2135	-0.0858	-2.31E-4	2.02E-29	-1.03E-4
	CC9	0.1504	-0.2066	-0.0865	-2.22E-4	2.02E-29	-8.65E-5
	CC10	-0.1465	0.1782	-0.1361	1.53E-4	-2.02E-29	9.61E-5
	CC11	-0.1532	0.1851	-0.1368	1.62E-4	-2.02E-29	1.13E-4
	CC12	-0.1462	-0.0217	-0.1399	-4.18E-5	-5.01E-29	1.22E-4
	CC13	-0.1529	-0.0148	-0.1405	-3.32E-5	-5.01E-29	1.39E-4
	CC14	0.0580	0.2787	-0.0958	2.47E-4	6.05E-29	-1.01E-4
	CC15	0.0358	0.3015	-0.0980	2.76E-4	6.05E-29	-4.50E-5
	CC16	-0.0330	0.3363	-0.1120	3.04E-4	3.94E-29	-3.32E-5
	CC17	-0.0552	0.3591	-0.1143	3.33E-4	3.94E-29	2.27E-5
	CC18	0.0590	-0.3875	-0.1083	-4.02E-4	-3.94E-29	-1.32E-5
	CC19	0.0368	-0.3647	-0.1106	-3.74E-4	-3.94E-29	4.27E-5
	CC20	-0.0320	-0.3300	-0.1245	-3.45E-4	-6.05E-29	5.45E-5
	CC21	-0.0542	-0.3072	-0.1268	-3.17E-4	-6.05E-29	1.10E-4
735	CC1	0.0012	-0.0130	-0.1170	-2.34E-5	0.00E+0	4.11E-6
	CC2	0.0012	-0.0130	-0.1170	-2.34E-5	0.00E+0	4.11E-6
	CC3	0.0012	-0.0130	-0.1170	-2.34E-5	0.00E+0	4.11E-6

	CC4	0.0012	-0.0121	-0.1125	-2.15E-5	0.00E+0	4.08E-6
	CC5	0.0012	-0.0121	-0.1125	-2.15E-5	0.00E+0	4.08E-6
	CC6	0.1386	-0.0110	-0.0845	-2.67E-5	2.66E-29	-1.17E-4
	CC7	0.1326	-0.0049	-0.0851	-1.55E-5	2.66E-29	-1.01E-4
	CC8	0.1389	-0.1909	-0.0881	-2.84E-4	1.05E-29	-9.39E-5
	CC9	0.1329	-0.1849	-0.0887	-2.73E-4	1.05E-29	-7.87E-5
	CC10	-0.1305	0.1613	-0.1334	2.31E-4	-1.05E-29	8.68E-5
	CC11	-0.1365	0.1673	-0.1340	2.43E-4	-1.05E-29	1.02E-4
	CC12	-0.1302	-0.0186	-0.1370	-2.61E-5	-2.66E-29	1.09E-4
	CC13	-0.1362	-0.0126	-0.1376	-1.49E-5	-2.66E-29	1.25E-4
	CC14	0.0510	0.2523	-0.0967	3.51E-4	3.24E-29	-8.93E-5
	CC15	0.0312	0.2722	-0.0986	3.88E-4	3.24E-29	-3.89E-5
	CC16	-0.0298	0.3040	-0.1114	4.29E-4	2.13E-29	-2.84E-5
	CC17	-0.0496	0.3239	-0.1133	4.66E-4	2.13E-29	2.21E-5
	CC18	0.0520	-0.3475	-0.1087	-5.07E-4	-2.13E-29	-1.40E-5
	CC19	0.0322	-0.3275	-0.1107	-4.70E-4	-2.13E-29	3.65E-5
	CC20	-0.0288	-0.2958	-0.1234	-4.30E-4	-3.24E-29	4.70E-5
	CC21	-0.0486	-0.2758	-0.1253	-3.93E-4	-3.24E-29	9.75E-5
736	CC1	0.0001	-0.0111	-0.1158	-1.99E-5	0.00E+0	3.92E-6
	CC2	0.0001	-0.0111	-0.1158	-1.99E-5	0.00E+0	3.92E-6
	CC3	0.0001	-0.0111	-0.1158	-1.99E-5	0.00E+0	3.92E-6
	CC4	0.0002	-0.0103	-0.1114	-1.80E-5	0.00E+0	3.89E-6
	CC5	0.0002	-0.0103	-0.1114	-1.80E-5	0.00E+0	3.89E-6
	CC6	0.1202	-0.0085	-0.0827	-2.01E-5	1.03E-29	-1.06E-4
	CC7	0.1150	-0.0034	-0.0833	-8.96E-6	1.03E-29	-9.17E-5
	CC8	0.1197	-0.1658	-0.0862	-3.05E-4	4.03E-3	-8.78E-5
	CC9	0.1144	-0.1607	-0.0869	-2.94E-4	4.03E-3	-7.39E-5
	CC10	-0.1140	0.1406	-0.1331	2.59E-4	-4.03E-3	8.17E-5
	CC11	-0.1193	0.1456	-0.1337	2.70E-4	-4.03E-3	9.56E-5
	CC12	-0.1146	-0.0168	-0.1366	-2.59E-5	-1.03E-29	9.95E-5
	CC13	-0.1198	-0.0117	-0.1372	-1.47E-5	-1.03E-29	1.13E-4
	CC14	0.0449	0.2214	-0.0955	3.97E-4	1.26E-29	-7.69E-5
	CC15	0.0276	0.2381	-0.0975	4.34E-4	1.26E-29	-3.09E-5
	CC16	-0.0253	0.2661	-0.1106	4.80E-4	8.31E-3	-2.07E-5
	CC17	-0.0427	0.2828	-0.1127	5.17E-4	8.31E-3	2.53E-5
	CC18	0.0431	-0.3030	-0.1073	-5.52E-4	-8.31E-3	-1.76E-5
	CC19	0.0257	-0.2863	-0.1093	-5.15E-4	-8.31E-3	2.85E-5
	CC20	-0.0272	-0.2583	-0.1224	-4.69E-4	-1.26E-29	3.86E-5
	CC21	-0.0446	-0.2416	-0.1244	-4.32E-4	-1.26E-29	8.47E-5
737	CC1	-0.0001	-0.0116	-0.1117	-2.19E-5	0.00E+0	4.15E-6
	CC2	-0.0001	-0.0116	-0.1117	-2.19E-5	0.00E+0	4.15E-6
	CC3	-0.0001	-0.0116	-0.1117	-2.19E-5	0.00E+0	4.15E-6
	CC4	0.0000	-0.0108	-0.1076	-2.02E-5	0.00E+0	4.06E-6
	CC5	0.0000	-0.0108	-0.1076	-2.02E-5	0.00E+0	4.06E-6
	CC6	0.1210	0.0045	-0.0618	9.07E-6	4.12E-29	-1.05E-4
	CC7	0.1157	0.0079	-0.0632	1.64E-5	4.12E-29	-9.16E-5
	CC8	0.1205	-0.1557	-0.0658	-2.93E-4	1.65E-29	-8.91E-5
	CC9	0.1152	-0.1524	-0.0671	-2.85E-4	1.65E-29	-7.53E-5
	CC10	-0.1152	0.1313	-0.1454	2.46E-4	-1.65E-29	8.34E-5
	CC11	-0.1205	0.1346	-0.1467	2.53E-4	-1.65E-29	9.71E-5
	CC12	-0.1157	-0.0290	-0.1493	-5.57E-5	-4.12E-29	9.96E-5
	CC13	-0.1210	-0.0256	-0.1507	-4.84E-5	-4.12E-29	1.13E-4
	CC14	0.0450	0.2320	-0.0849	4.36E-4	4.98E-29	-7.41E-5
	CC15	0.0275	0.2431	-0.0893	4.60E-4	4.98E-29	-2.86E-5
	CC16	-0.0258	0.2700	-0.1099	5.07E-4	3.25E-29	-1.75E-5
	CC17	-0.0433	0.2811	-0.1144	5.31E-4	3.25E-29	2.80E-5
	CC18	0.0434	-0.3022	-0.0981	-5.70E-4	-3.25E-29	-1.99E-5
	CC19	0.0258	-0.2911	-0.1026	-5.46E-4	-3.25E-29	2.56E-5
	CC20	-0.0275	-0.2642	-0.1232	-4.99E-4	-4.98E-29	3.67E-5
	CC21	-0.0450	-0.2531	-0.1276	-4.75E-4	-4.98E-29	8.22E-5
738	CC1	0.0003	-0.0137	-0.1121	-2.68E-5	0.00E+0	5.00E-6
	CC2	0.0003	-0.0137	-0.1121	-2.68E-5	0.00E+0	5.00E-6
	CC3	0.0003	-0.0137	-0.1121	-2.68E-5	0.00E+0	5.00E-6
	CC4	0.0004	-0.0128	-0.1080	-2.48E-5	0.00E+0	4.93E-6
	CC5	0.0004	-0.0128	-0.1080	-2.48E-5	0.00E+0	4.93E-6
	CC6	0.1367	0.0039	-0.0606	-5.04E-6	4.39E-3	-1.19E-4
	CC7	0.1307	0.0080	-0.0620	2.91E-6	4.39E-3	-1.04E-4
	CC8	0.1370	-0.1798	-0.0647	-2.65E-4	1.73E-3	-1.05E-4
	CC9	0.1311	-0.1757	-0.0661	-2.57E-4	1.73E-3	-8.89E-5
	CC10	-0.1302	0.1508	-0.1471	2.08E-4	-1.73E-3	9.87E-5
	CC11	-0.1361	0.1548	-0.1485	2.16E-4	-1.73E-3	1.14E-4
	CC12	-0.1298	-0.0329	-0.1512	-5.13E-5	-4.39E-3	1.13E-4

	CC13	-0.1358	-0.0289	-0.1526	-4.34E-5	-4.39E-3	1.29E-4
	CC14	0.0498	0.2650	-0.0845	3.64E-4	5.35E-3	-7.82E-5
	CC15	0.0301	0.2784	-0.0891	3.90E-4	5.35E-3	-2.66E-5
	CC16	-0.0303	0.3091	-0.1104	4.28E-4	3.52E-3	-1.28E-5
	CC17	-0.0499	0.3224	-0.1150	4.54E-4	3.52E-3	3.88E-5
	CC18	0.0509	-0.3474	-0.0982	-5.02E-4	-3.52E-3	-2.90E-5
	CC19	0.0312	-0.3340	-0.1028	-4.76E-4	-3.52E-3	2.26E-5
	CC20	-0.0292	-0.3033	-0.1241	-4.38E-4	-5.35E-3	3.64E-5
	CC21	-0.0489	-0.2899	-0.1288	-4.12E-4	-5.35E-3	8.80E-5
739	CC1	0.0008	-0.0166	-0.1128	-3.87E-5	0.00E+0	5.88E-6
	CC2	0.0008	-0.0166	-0.1128	-3.87E-5	0.00E+0	5.88E-6
	CC3	0.0008	-0.0166	-0.1128	-3.87E-5	0.00E+0	5.88E-6
	CC4	0.0009	-0.0154	-0.1087	-3.62E-5	0.00E+0	5.92E-6
	CC5	0.0009	-0.0154	-0.1087	-3.62E-5	0.00E+0	5.92E-6
	CC6	0.1529	0.0026	-0.0627	-2.46E-5	1.27E-29	-1.32E-4
	CC7	0.1463	0.0073	-0.0640	-1.79E-5	1.27E-29	-1.14E-4
	CC8	0.1532	-0.2006	-0.0669	-2.06E-4	5.09E-3	-1.16E-4
	CC9	0.1466	-0.1959	-0.0682	-1.99E-4	5.09E-3	-9.84E-5
	CC10	-0.1447	0.1657	-0.1464	1.28E-4	-5.09E-3	1.10E-4
	CC11	-0.1513	0.1704	-0.1477	1.35E-4	-5.09E-3	1.28E-4
	CC12	-0.1445	-0.0375	-0.1506	-5.28E-5	-1.27E-29	1.26E-4
	CC13	-0.1511	-0.0327	-0.1519	-4.61E-5	-1.27E-29	1.44E-4
	CC14	0.0561	0.2913	-0.0855	2.32E-4	1.54E-29	-8.57E-5
	CC15	0.0343	0.3069	-0.0899	2.54E-4	1.54E-29	-2.79E-5
	CC16	-0.0332	0.3402	-0.1106	2.78E-4	1.01E-29	-1.31E-5
	CC17	-0.0550	0.3558	-0.1150	3.00E-4	1.01E-29	4.47E-5
	CC18	0.0569	-0.3860	-0.0996	-3.71E-4	-1.01E-29	-3.29E-5
	CC19	0.0350	-0.3704	-0.1039	-3.49E-4	-1.01E-29	2.50E-5
	CC20	-0.0324	-0.3370	-0.1247	-3.25E-4	-1.54E-29	3.97E-5
	CC21	-0.0543	-0.3214	-0.1290	-3.03E-4	-1.54E-29	9.76E-5
740	CC1	0.0001	-0.0121	-0.1117	-2.23E-5	0.00E+0	3.90E-6
	CC2	0.0001	-0.0121	-0.1117	-2.23E-5	0.00E+0	3.90E-6
	CC3	0.0001	-0.0121	-0.1117	-2.23E-5	0.00E+0	3.90E-6
	CC4	0.0002	-0.0113	-0.1076	-2.07E-5	0.00E+0	3.71E-6
	CC5	0.0002	-0.0113	-0.1076	-2.07E-5	0.00E+0	3.71E-6
	CC6	0.1220	0.0189	-0.0800	3.12E-5	3.12E-29	-1.06E-4
	CC7	0.1166	0.0203	-0.0806	3.60E-5	3.12E-29	-9.25E-5
	CC8	0.1214	-0.1437	-0.0840	-2.73E-4	1.24E-29	-8.90E-5
	CC9	0.1161	-0.1422	-0.0846	-2.68E-4	1.24E-29	-7.52E-5
	CC10	-0.1157	0.1201	-0.1279	2.28E-4	-1.24E-29	8.25E-5
	CC11	-0.1210	0.1215	-0.1285	2.33E-4	-1.24E-29	9.63E-5
	CC12	-0.1162	-0.0425	-0.1319	-7.63E-5	-3.12E-29	9.98E-5
	CC13	-0.1216	-0.0410	-0.1325	-7.15E-5	-3.12E-29	1.14E-4
	CC14	0.0456	0.2422	-0.0914	4.49E-4	3.79E-29	-7.63E-5
	CC15	0.0279	0.2471	-0.0933	4.65E-4	3.79E-29	-3.06E-5
	CC16	-0.0257	0.2726	-0.1058	5.08E-4	2.48E-29	-1.96E-5
	CC17	-0.0434	0.2775	-0.1077	5.24E-4	2.48E-29	2.61E-5
	CC18	0.0438	-0.2996	-0.1048	-5.64E-4	-2.48E-29	-1.88E-5
	CC19	0.0261	-0.2947	-0.1067	-5.48E-4	-2.48E-29	2.69E-5
	CC20	-0.0275	-0.2693	-0.1192	-5.05E-4	-3.79E-29	3.78E-5
	CC21	-0.0452	-0.2644	-0.1211	-4.89E-4	-3.79E-29	8.36E-5
741	CC1	0.0000	-0.0119	-0.1118	-2.23E-5	0.00E+0	4.11E-6
	CC2	0.0000	-0.0119	-0.1118	-2.23E-5	0.00E+0	4.11E-6
	CC3	0.0000	-0.0119	-0.1118	-2.23E-5	0.00E+0	4.11E-6
	CC4	0.0001	-0.0111	-0.1077	-2.06E-5	0.00E+0	3.99E-6
	CC5	0.0001	-0.0111	-0.1077	-2.06E-5	0.00E+0	3.99E-6
	CC6	0.1212	0.0117	-0.0717	1.82E-5	4.30E-29	-1.06E-4
	CC7	0.1159	0.0141	-0.0727	2.44E-5	4.30E-29	-9.24E-5
	CC8	0.1206	-0.1497	-0.0757	-2.83E-4	1.72E-29	-8.93E-5
	CC9	0.1153	-0.1473	-0.0767	-2.77E-4	1.72E-29	-7.54E-5
	CC10	-0.1152	0.1257	-0.1360	2.37E-4	-1.72E-29	8.33E-5
	CC11	-0.1205	0.1281	-0.1369	2.43E-4	-1.72E-29	9.72E-5
	CC12	-0.1157	-0.0357	-0.1399	-6.46E-5	-4.30E-29	1.00E-4
	CC13	-0.1210	-0.0333	-0.1409	-5.84E-5	-4.30E-29	1.14E-4
	CC14	0.0452	0.2371	-0.0885	4.40E-4	5.21E-29	-7.57E-5
	CC15	0.0276	0.2451	-0.0916	4.60E-4	5.21E-29	-2.98E-5
	CC16	-0.0257	0.2713	-0.1078	5.05E-4	3.40E-29	-1.88E-5
	CC17	-0.0433	0.2793	-0.1109	5.26E-4	3.40E-29	2.70E-5
	CC18	0.0434	-0.3009	-0.1017	-5.66E-4	-3.40E-29	-1.91E-5
	CC19	0.0259	-0.2929	-0.1049	-5.45E-4	-3.40E-29	2.67E-5
	CC20	-0.0275	-0.2667	-0.1210	-5.00E-4	-5.21E-29	3.77E-5
	CC21	-0.0450	-0.2587	-0.1241	-4.80E-4	-5.21E-29	8.36E-5

742	CC1	0.0008	-0.0172	-0.1127	-3.91E-5	0.00E+0	3.21E-6
	CC2	0.0008	-0.0172	-0.1127	-3.91E-5	0.00E+0	3.21E-6
	CC3	0.0008	-0.0172	-0.1127	-3.91E-5	0.00E+0	3.21E-6
	CC4	0.0009	-0.0160	-0.1086	-3.68E-5	0.00E+0	3.20E-6
	CC5	0.0009	-0.0160	-0.1086	-3.68E-5	0.00E+0	3.20E-6
	CC6	0.1522	0.0208	-0.0806	-7.67E-6	3.14E-29	-1.36E-4
	CC7	0.1457	0.0232	-0.0812	-3.34E-6	3.14E-29	-1.19E-4
	CC8	0.1525	-0.1855	-0.0850	-1.95E-4	1.23E-29	-1.09E-4
	CC9	0.1459	-0.1832	-0.0856	-1.90E-4	1.23E-29	-9.14E-5
	CC10	-0.1440	0.1518	-0.1290	1.18E-4	-1.23E-29	9.78E-5
	CC11	-0.1506	0.1542	-0.1295	1.23E-4	-1.23E-29	1.15E-4
	CC12	-0.1438	-0.0545	-0.1333	-6.87E-5	-3.14E-29	1.26E-4
	CC13	-0.1503	-0.0521	-0.1339	-6.44E-5	-3.14E-29	1.43E-4
	CC14	0.0558	0.3046	-0.0918	2.50E-4	3.84E-29	-1.07E-4
	CC15	0.0341	0.3125	-0.0937	2.64E-4	3.84E-29	-4.95E-5
	CC16	-0.0331	0.3440	-0.1063	2.87E-4	2.53E-29	-3.64E-5
	CC17	-0.0548	0.3518	-0.1082	3.02E-4	2.53E-29	2.07E-5
	CC18	0.0567	-0.3831	-0.1063	-3.74E-4	-2.53E-29	-1.44E-5
	CC19	0.0349	-0.3753	-0.1082	-3.59E-4	-2.53E-29	4.28E-5
	CC20	-0.0322	-0.3438	-0.1208	-3.36E-4	-3.84E-29	5.59E-5
	CC21	-0.0539	-0.3360	-0.1227	-3.22E-4	-3.84E-29	1.13E-4
743	CC1	0.0005	-0.0143	-0.1123	-2.66E-5	0.00E+0	3.65E-6
	CC2	0.0005	-0.0143	-0.1123	-2.66E-5	0.00E+0	3.65E-6
	CC3	0.0005	-0.0143	-0.1123	-2.66E-5	0.00E+0	3.65E-6
	CC4	0.0005	-0.0133	-0.1082	-2.48E-5	0.00E+0	3.53E-6
	CC5	0.0005	-0.0133	-0.1082	-2.48E-5	0.00E+0	3.53E-6
	CC6	0.1368	0.0203	-0.0807	1.67E-5	1.80E-29	-1.22E-4
	CC7	0.1308	0.0223	-0.0812	2.21E-5	1.80E-29	-1.07E-4
	CC8	0.1371	-0.1660	-0.0848	-2.49E-4	7.10E-3	-1.01E-4
	CC9	0.1312	-0.1641	-0.0854	-2.44E-4	7.10E-3	-8.56E-5
	CC10	-0.1301	0.1380	-0.1283	1.96E-4	-7.10E-3	9.26E-5
	CC11	-0.1360	0.1399	-0.1288	2.01E-4	-7.10E-3	1.08E-4
	CC12	-0.1297	-0.0483	-0.1324	-7.04E-5	-1.80E-29	1.13E-4
	CC13	-0.1356	-0.0464	-0.1330	-6.50E-5	-1.80E-29	1.29E-4
	CC14	0.0498	0.2766	-0.0918	3.84E-4	2.19E-29	-8.94E-5
	CC15	0.0301	0.2830	-0.0937	4.01E-4	2.19E-29	-3.78E-5
	CC16	-0.0302	0.3119	-0.1061	4.37E-4	1.43E-29	-2.50E-5
	CC17	-0.0499	0.3184	-0.1080	4.55E-4	1.43E-29	2.66E-5
	CC18	0.0510	-0.3444	-0.1057	-5.04E-4	-1.43E-29	-1.97E-5
	CC19	0.0313	-0.3380	-0.1076	-4.86E-4	-1.43E-29	3.20E-5
	CC20	-0.0290	-0.3091	-0.1200	-4.50E-4	-2.19E-29	4.47E-5
	CC21	-0.0487	-0.3027	-0.1219	-4.32E-4	-2.19E-29	9.64E-5
744	CC1	0.0004	-0.0140	-0.1123	-2.69E-5	0.00E+0	4.12E-6
	CC2	0.0004	-0.0140	-0.1123	-2.69E-5	0.00E+0	4.12E-6
	CC3	0.0004	-0.0140	-0.1123	-2.69E-5	0.00E+0	4.12E-6
	CC4	0.0005	-0.0131	-0.1082	-2.50E-5	0.00E+0	4.07E-6
	CC5	0.0005	-0.0131	-0.1082	-2.50E-5	0.00E+0	4.07E-6
	CC6	0.1367	0.0121	-0.0717	4.57E-6	3.72E-29	-1.21E-4
	CC7	0.1308	0.0151	-0.0726	1.13E-5	3.72E-29	-1.06E-4
	CC8	0.1371	-0.1728	-0.0758	-2.57E-4	1.45E-29	-1.01E-4
	CC9	0.1311	-0.1698	-0.0767	-2.50E-4	1.45E-29	-8.53E-5
	CC10	-0.1301	0.1443	-0.1369	2.01E-4	-1.45E-29	9.34E-5
	CC11	-0.1360	0.1473	-0.1378	2.08E-4	-1.45E-29	1.09E-4
	CC12	-0.1298	-0.0406	-0.1410	-6.01E-5	-3.72E-29	1.14E-4
	CC13	-0.1357	-0.0376	-0.1420	-5.34E-5	-3.72E-29	1.29E-4
	CC14	0.0498	0.2706	-0.0886	3.70E-4	4.55E-29	-8.80E-5
	CC15	0.0301	0.2805	-0.0917	3.93E-4	4.55E-29	-3.64E-5
	CC16	-0.0302	0.3103	-0.1082	4.29E-4	3.00E-29	-2.36E-5
	CC17	-0.0499	0.3202	-0.1113	4.52E-4	3.00E-29	2.80E-5
	CC18	0.0509	-0.3457	-0.1023	-5.00E-4	-3.00E-29	-1.99E-5
	CC19	0.0313	-0.3358	-0.1055	-4.78E-4	-3.00E-29	3.17E-5
	CC20	-0.0291	-0.3061	-0.1219	-4.41E-4	-4.55E-29	4.45E-5
	CC21	-0.0488	-0.2962	-0.1250	-4.19E-4	-4.55E-29	9.61E-5
745	CC1	0.0009	-0.0169	-0.1128	-3.91E-5	0.00E+0	4.16E-6
	CC2	0.0009	-0.0169	-0.1128	-3.91E-5	0.00E+0	4.16E-6
	CC3	0.0009	-0.0169	-0.1128	-3.91E-5	0.00E+0	4.16E-6
	CC4	0.0009	-0.0158	-0.1087	-3.67E-5	0.00E+0	4.24E-6
	CC5	0.0009	-0.0158	-0.1087	-3.67E-5	0.00E+0	4.24E-6
	CC6	0.1529	0.0116	-0.0725	-1.72E-5	4.03E-29	-1.34E-4
	CC7	0.1463	0.0151	-0.0734	-1.16E-5	4.03E-29	-1.17E-4
	CC8	0.1531	-0.1929	-0.0767	-2.01E-4	1.59E-29	-1.10E-4
	CC9	0.1466	-0.1894	-0.0776	-1.95E-4	1.59E-29	-9.31E-5

	CC10	-0.1446	0.1586	-0.1370	1.23E-4	-1.59E-29	1.02E-4
	CC11	-0.1512	0.1621	-0.1379	1.29E-4	-1.59E-29	1.19E-4
	CC12	-0.1444	-0.0460	-0.1413	-6.03E-5	-4.03E-29	1.26E-4
	CC13	-0.1510	-0.0424	-0.1422	-5.47E-5	-4.03E-29	1.43E-4
	CC14	0.0561	0.2976	-0.0890	2.39E-4	4.91E-29	-9.98E-5
	CC15	0.0343	0.3093	-0.0921	2.58E-4	4.91E-29	-4.26E-5
	CC16	-0.0332	0.3417	-0.1084	2.82E-4	3.22E-29	-2.90E-5
	CC17	-0.0550	0.3534	-0.1115	3.00E-4	3.22E-29	2.82E-5
	CC18	0.0569	-0.3842	-0.1032	-3.72E-4	-3.22E-29	-1.97E-5
	CC19	0.0351	-0.3725	-0.1063	-3.53E-4	-3.22E-29	3.75E-5
	CC20	-0.0324	-0.3401	-0.1226	-3.30E-4	-4.91E-29	5.11E-5
	CC21	-0.0542	-0.3284	-0.1256	-3.11E-4	-4.91E-29	1.08E-4
746	CC1	0.0007	-0.0186	-0.1148	-3.69E-5	-2.43E-7	2.35E-6
	CC2	0.0007	-0.0186	-0.1148	-3.69E-5	-2.43E-7	2.35E-6
	CC3	0.0007	-0.0186	-0.1148	-3.69E-5	-2.43E-7	2.35E-6
	CC4	0.0008	-0.0173	-0.1106	-3.47E-5	-2.29E-7	1.57E-6
	CC5	0.0008	-0.0173	-0.1106	-3.47E-5	-2.29E-7	1.57E-6
	CC6	0.1521	0.0672	-0.1295	3.50E-5	2.31E-7	-1.41E-4
	CC7	0.1456	0.0635	-0.1282	3.41E-5	2.25E-7	-1.23E-4
	CC8	0.1525	-0.1448	-0.1333	-1.63E-4	-1.08E-6	-1.23E-4
	CC9	0.1459	-0.1485	-0.1320	-1.64E-4	-1.08E-6	-1.05E-4
	CC10	-0.1442	0.1148	-0.0864	9.59E-5	6.33E-7	1.07E-4
	CC11	-0.1508	0.1111	-0.0851	9.51E-5	6.27E-7	1.25E-4
	CC12	-0.1439	-0.0972	-0.0902	-1.02E-4	-6.74E-7	1.26E-4
	CC13	-0.1504	-0.1009	-0.0889	-1.03E-4	-6.79E-7	1.44E-4
	CC14	0.0555	0.3355	-0.1114	2.88E-4	1.90E-6	-9.72E-5
	CC15	0.0339	0.3232	-0.1072	2.85E-4	1.88E-6	-3.71E-5
	CC16	-0.0334	0.3498	-0.0985	3.07E-4	2.02E-6	-2.26E-5
	CC17	-0.0550	0.3375	-0.0943	3.04E-4	2.00E-6	3.75E-5
	CC18	0.0567	-0.3711	-0.1241	-3.72E-4	-2.45E-6	-3.49E-5
	CC19	0.0351	-0.3834	-0.1199	-3.74E-4	-2.47E-6	2.52E-5
	CC20	-0.0322	-0.3569	-0.1112	-3.53E-4	-2.33E-6	3.97E-5
	CC21	-0.0538	-0.3692	-0.1070	-3.56E-4	-2.35E-6	9.98E-5
747	CC1	0.0004	-0.0156	-0.1144	-3.08E-5	-2.03E-7	2.67E-6
	CC2	0.0004	-0.0156	-0.1144	-3.08E-5	-2.03E-7	2.67E-6
	CC3	0.0004	-0.0156	-0.1144	-3.08E-5	-2.03E-7	2.67E-6
	CC4	0.0005	-0.0145	-0.1102	-2.87E-5	-1.89E-7	1.95E-6
	CC5	0.0005	-0.0145	-0.1102	-2.87E-5	-1.89E-7	1.95E-6
	CC6	0.1369	0.0624	-0.1285	7.12E-5	4.70E-7	-1.26E-4
	CC7	0.1310	0.0588	-0.1272	6.90E-5	4.55E-7	-1.10E-4
	CC8	0.1374	-0.1292	-0.1322	-1.97E-4	-1.30E-6	-1.13E-4
	CC9	0.1314	-0.1328	-0.1309	-1.99E-4	-1.31E-6	-9.62E-5
	CC10	-0.1304	0.1046	-0.0866	1.43E-4	9.44E-7	9.96E-5
	CC11	-0.1363	0.1010	-0.0854	1.41E-4	9.29E-7	1.16E-4
	CC12	-0.1299	-0.0871	-0.0904	-1.25E-4	-8.24E-7	1.13E-4
	CC13	-0.1359	-0.0906	-0.0891	-1.27E-4	-8.39E-7	1.30E-4
	CC14	0.0497	0.3049	-0.1109	4.12E-4	2.72E-6	-8.19E-5
	CC15	0.0300	0.2930	-0.1068	4.04E-4	2.67E-6	-2.77E-5
	CC16	-0.0305	0.3175	-0.0984	4.33E-4	2.86E-6	-1.42E-5
	CC17	-0.0501	0.3057	-0.0942	4.26E-4	2.81E-6	4.00E-5
	CC18	0.0512	-0.3339	-0.1234	-4.81E-4	-3.18E-6	-3.66E-5
	CC19	0.0316	-0.3458	-0.1192	-4.89E-4	-3.23E-6	1.76E-5
	CC20	-0.0290	-0.3213	-0.1108	-4.60E-4	-3.04E-6	3.11E-5
	CC21	-0.0486	-0.3331	-0.1066	-4.67E-4	-3.08E-6	8.53E-5
748	CC1	0.0003	-0.0130	-0.1135	-2.94E-5	-1.94E-7	1.64E-6
	CC2	0.0003	-0.0130	-0.1135	-2.94E-5	-1.94E-7	1.64E-6
	CC3	0.0003	-0.0130	-0.1135	-2.94E-5	-1.94E-7	1.64E-6
	CC4	0.0004	-0.0120	-0.1094	-2.72E-5	-1.79E-7	1.08E-6
	CC5	0.0004	-0.0120	-0.1094	-2.72E-5	-1.79E-7	1.08E-6
	CC6	0.1225	0.0558	-0.1273	9.11E-5	6.01E-7	-1.10E-4
	CC7	0.1171	0.0525	-0.1261	8.74E-5	5.77E-7	-9.56E-5
	CC8	0.1219	-0.1121	-0.1310	-2.13E-4	-1.41E-6	-9.63E-5
	CC9	0.1166	-0.1154	-0.1297	-2.17E-4	-1.43E-6	-8.22E-5
	CC10	-0.1157	0.0919	-0.0863	1.64E-4	1.08E-6	8.40E-5
	CC11	-0.1210	0.0886	-0.0850	1.60E-4	1.06E-6	9.81E-5
	CC12	-0.1163	-0.0760	-0.0899	-1.40E-4	-9.26E-7	9.73E-5
	CC13	-0.1216	-0.0793	-0.0887	-1.44E-4	-9.50E-7	1.12E-4
	CC14	0.0459	0.2681	-0.1102	4.75E-4	3.14E-6	-7.39E-5
	CC15	0.0283	0.2572	-0.1061	4.63E-4	3.06E-6	-2.70E-5
	CC16	-0.0255	0.2789	-0.0979	4.97E-4	3.28E-6	-1.58E-5
	CC17	-0.0431	0.2680	-0.0937	4.85E-4	3.20E-6	3.11E-5
	CC18	0.0440	-0.2914	-0.1223	-5.38E-4	-3.55E-6	-2.93E-5

	CC19	0.0264	-0.3024	-0.1182	-5.50E-4	-3.63E-6	1.76E-5
	CC20	-0.0275	-0.2806	-0.1100	-5.16E-4	-3.41E-6	2.88E-5
	CC21	-0.0451	-0.2916	-0.1058	-5.28E-4	-3.49E-6	7.57E-5
749	CC1	0.0002	-0.0128	-0.1127	-2.72E-5	-1.79E-7	2.12E-6
	CC2	0.0002	-0.0128	-0.1127	-2.72E-5	-1.79E-7	2.12E-6
	CC3	0.0002	-0.0128	-0.1127	-2.72E-5	-1.79E-7	2.12E-6
	CC4	0.0003	-0.0119	-0.1086	-2.52E-5	-1.66E-7	1.52E-6
	CC5	0.0003	-0.0119	-0.1086	-2.52E-5	-1.66E-7	1.52E-6
	CC6	0.1224	0.0458	-0.1151	7.39E-5	4.88E-7	-1.10E-4
	CC7	0.1171	0.0438	-0.1144	7.28E-5	4.80E-7	-9.62E-5
	CC8	0.1218	-0.1208	-0.1189	-2.31E-4	-1.53E-6	-9.61E-5
	CC9	0.1165	-0.1228	-0.1181	-2.32E-4	-1.53E-6	-8.18E-5
	CC10	-0.1159	0.0995	-0.0964	1.83E-4	1.21E-6	8.45E-5
	CC11	-0.1213	0.0975	-0.0957	1.82E-4	1.20E-6	9.87E-5
	CC12	-0.1165	-0.0671	-0.1002	-1.22E-4	-8.03E-7	9.88E-5
	CC13	-0.1218	-0.0691	-0.0994	-1.23E-4	-8.11E-7	1.13E-4
	CC14	0.0458	0.2613	-0.1051	4.69E-4	3.10E-6	-7.55E-5
	CC15	0.0282	0.2547	-0.1025	4.66E-4	3.07E-6	-2.82E-5
	CC16	-0.0257	0.2775	-0.0995	5.02E-4	3.31E-6	-1.70E-5
	CC17	-0.0433	0.2708	-0.0969	4.98E-4	3.29E-6	3.03E-5
	CC18	0.0439	-0.2940	-0.1176	-5.47E-4	-3.61E-6	-2.76E-5
	CC19	0.0263	-0.3007	-0.1151	-5.51E-4	-3.64E-6	1.96E-5
	CC20	-0.0276	-0.2779	-0.1120	-5.15E-4	-3.40E-6	3.08E-5
	CC21	-0.0452	-0.2846	-0.1095	-5.18E-4	-3.42E-6	7.81E-5
750	CC1	0.0002	-0.0126	-0.1121	-2.44E-5	-1.61E-7	2.36E-6
	CC2	0.0002	-0.0126	-0.1121	-2.44E-5	-1.61E-7	2.36E-6
	CC3	0.0002	-0.0126	-0.1121	-2.44E-5	-1.61E-7	2.36E-6
	CC4	0.0003	-0.0118	-0.1081	-2.26E-5	-1.49E-7	1.86E-6
	CC5	0.0003	-0.0118	-0.1081	-2.26E-5	-1.49E-7	1.86E-6
	CC6	0.1224	0.0359	-0.0998	5.76E-5	3.80E-7	-1.10E-4
	CC7	0.1171	0.0351	-0.0995	5.90E-5	3.89E-7	-9.58E-5
	CC8	0.1218	-0.1294	-0.1037	-2.49E-4	-1.65E-6	-9.37E-5
	CC9	0.1165	-0.1301	-0.1034	-2.48E-4	-1.64E-6	-7.95E-5
	CC10	-0.1159	0.1071	-0.1100	2.04E-4	1.35E-6	8.29E-5
	CC11	-0.1213	0.1064	-0.1097	2.05E-4	1.35E-6	9.71E-5
	CC12	-0.1165	-0.0581	-0.1139	-1.03E-4	-6.80E-7	9.92E-5
	CC13	-0.1218	-0.0588	-0.1136	-1.02E-4	-6.71E-7	1.13E-4
	CC14	0.0458	0.2544	-0.0991	4.65E-4	3.07E-6	-7.80E-5
	CC15	0.0281	0.2520	-0.0982	4.70E-4	3.10E-6	-3.09E-5
	CC16	-0.0257	0.2758	-0.1022	5.09E-4	3.36E-6	-2.01E-5
	CC17	-0.0434	0.2734	-0.1013	5.14E-4	3.39E-6	2.69E-5
	CC18	0.0439	-0.2963	-0.1122	-5.58E-4	-3.68E-6	-2.35E-5
	CC19	0.0263	-0.2987	-0.1112	-5.53E-4	-3.65E-6	2.35E-5
	CC20	-0.0276	-0.2750	-0.1152	-5.14E-4	-3.39E-6	3.43E-5
	CC21	-0.0452	-0.2774	-0.1143	-5.09E-4	-3.36E-6	8.14E-5
751	CC1	0.0010	-0.0183	-0.1137	-3.84E-5	-2.54E-7	3.62E-6
	CC2	0.0010	-0.0183	-0.1137	-3.84E-5	-2.54E-7	3.62E-6
	CC3	0.0010	-0.0183	-0.1137	-3.84E-5	-2.54E-7	3.62E-6
	CC4	0.0010	-0.0171	-0.1096	-3.62E-5	-2.39E-7	2.77E-6
	CC5	0.0010	-0.0171	-0.1096	-3.62E-5	-2.39E-7	2.77E-6
	CC6	0.1518	0.0545	-0.1167	2.31E-5	1.53E-7	-1.39E-4
	CC7	0.1453	0.0524	-0.1159	2.35E-5	1.55E-7	-1.21E-4
	CC8	0.1521	-0.1560	-0.1206	-1.68E-4	-1.11E-6	-1.23E-4
	CC9	0.1456	-0.1581	-0.1199	-1.68E-4	-1.11E-6	-1.05E-4
	CC10	-0.1435	0.1247	-0.0966	9.71E-5	6.41E-7	1.10E-4
	CC11	-0.1500	0.1227	-0.0958	9.74E-5	6.43E-7	1.28E-4
	CC12	-0.1431	-0.0857	-0.1005	-9.44E-5	-6.23E-7	1.26E-4
	CC13	-0.1497	-0.0878	-0.0997	-9.41E-5	-6.21E-7	1.44E-4
	CC14	0.0556	0.3270	-0.1059	2.72E-4	1.80E-6	-9.09E-5
	CC15	0.0340	0.3201	-0.1033	2.73E-4	1.80E-6	-3.10E-5
	CC16	-0.0330	0.3481	-0.0999	2.94E-4	1.94E-6	-1.62E-5
	CC17	-0.0546	0.3412	-0.0973	2.95E-4	1.95E-6	4.37E-5
	CC18	0.0567	-0.3746	-0.1191	-3.66E-4	-2.42E-6	-3.87E-5
	CC19	0.0351	-0.3814	-0.1165	-3.65E-4	-2.41E-6	2.12E-5
	CC20	-0.0318	-0.3535	-0.1131	-3.44E-4	-2.27E-6	3.60E-5
	CC21	-0.0534	-0.3603	-0.1105	-3.43E-4	-2.26E-6	9.59E-5
752	CC1	0.0005	-0.0153	-0.1134	-3.02E-5	-1.99E-7	4.07E-6
	CC2	0.0005	-0.0153	-0.1134	-3.02E-5	-1.99E-7	4.07E-6
	CC3	0.0005	-0.0153	-0.1134	-3.02E-5	-1.99E-7	4.07E-6
	CC4	0.0006	-0.0143	-0.1092	-2.81E-5	-1.86E-7	3.26E-6
	CC5	0.0006	-0.0143	-0.1092	-2.81E-5	-1.86E-7	3.26E-6
	CC6	0.1367	0.0509	-0.1159	5.47E-5	3.61E-7	-1.26E-4

	CC7	0.1308	0.0489	-0.1152	5.46E-5	3.60E-7	-1.10E-4
	CC8	0.1372	-0.1395	-0.1198	-2.11E-4	-1.39E-6	-1.13E-4
	CC9	0.1312	-0.1416	-0.1190	-2.11E-4	-1.39E-6	-9.63E-5
	CC10	-0.1301	0.1138	-0.0967	1.56E-4	1.03E-6	1.02E-4
	CC11	-0.1360	0.1117	-0.0959	1.56E-4	1.03E-6	1.19E-4
	CC12	-0.1296	-0.0767	-0.1005	-1.10E-4	-7.23E-7	1.16E-4
	CC13	-0.1355	-0.0787	-0.0998	-1.10E-4	-7.23E-7	1.32E-4
	CC14	0.0497	0.2975	-0.1056	4.00E-4	2.64E-6	-8.11E-5
	CC15	0.0300	0.2906	-0.1030	4.00E-4	2.64E-6	-2.61E-5
	CC16	-0.0304	0.3163	-0.0998	4.31E-4	2.84E-6	-1.25E-5
	CC17	-0.0500	0.3095	-0.0972	4.30E-4	2.84E-6	4.24E-5
	CC18	0.0512	-0.3373	-0.1185	-4.85E-4	-3.20E-6	-3.64E-5
	CC19	0.0315	-0.3441	-0.1159	-4.85E-4	-3.20E-6	1.85E-5
	CC20	-0.0289	-0.3184	-0.1127	-4.55E-4	-3.00E-6	3.21E-5
	CC21	-0.0485	-0.3253	-0.1101	-4.55E-4	-3.00E-6	8.70E-5
753	CC1	0.0005	-0.0149	-0.1127	-2.82E-5	-1.86E-7	4.80E-6
	CC2	0.0005	-0.0149	-0.1127	-2.82E-5	-1.86E-7	4.80E-6
	CC3	0.0005	-0.0149	-0.1127	-2.82E-5	-1.86E-7	4.80E-6
	CC4	0.0006	-0.0139	-0.1086	-2.64E-5	-1.74E-7	4.12E-6
	CC5	0.0006	-0.0139	-0.1086	-2.64E-5	-1.74E-7	4.12E-6
	CC6	0.1367	0.0396	-0.1002	4.08E-5	2.69E-7	-1.24E-4
	CC7	0.1308	0.0390	-0.0999	4.29E-5	2.83E-7	-1.08E-4
	CC8	0.1371	-0.1496	-0.1042	-2.28E-4	-1.50E-6	-1.09E-4
	CC9	0.1312	-0.1502	-0.1039	-2.25E-4	-1.49E-6	-9.25E-5
	CC10	-0.1299	0.1230	-0.1105	1.74E-4	1.15E-6	1.00E-4
	CC11	-0.1359	0.1224	-0.1103	1.76E-4	1.16E-6	1.17E-4
	CC12	-0.1295	-0.0662	-0.1146	-9.44E-5	-6.23E-7	1.15E-4
	CC13	-0.1354	-0.0667	-0.1143	-9.23E-5	-6.09E-7	1.32E-4
	CC14	0.0497	0.2901	-0.0994	3.98E-4	2.63E-6	-8.22E-5
	CC15	0.0301	0.2882	-0.0985	4.05E-4	2.67E-6	-2.79E-5
	CC16	-0.0303	0.3151	-0.1025	4.38E-4	2.89E-6	-1.49E-5
	CC17	-0.0499	0.3132	-0.1016	4.45E-4	2.94E-6	3.95E-5
	CC18	0.0512	-0.3404	-0.1129	-4.96E-4	-3.28E-6	-3.17E-5
	CC19	0.0315	-0.3423	-0.1120	-4.90E-4	-3.23E-6	2.27E-5
	CC20	-0.0288	-0.3154	-0.1160	-4.57E-4	-3.01E-6	3.57E-5
	CC21	-0.0485	-0.3173	-0.1151	-4.50E-4	-2.97E-6	9.00E-5
754	CC1	0.0010	-0.0179	-0.1131	-3.96E-5	-2.61E-7	5.93E-6
	CC2	0.0010	-0.0179	-0.1131	-3.96E-5	-2.61E-7	5.93E-6
	CC3	0.0010	-0.0179	-0.1131	-3.96E-5	-2.61E-7	5.93E-6
	CC4	0.0010	-0.0167	-0.1090	-3.73E-5	-2.46E-7	5.15E-6
	CC5	0.0010	-0.0167	-0.1090	-3.73E-5	-2.46E-7	5.15E-6
	CC6	0.1517	0.0421	-0.1005	1.27E-5	8.39E-8	-1.36E-4
	CC7	0.1452	0.0416	-0.1002	1.43E-5	9.41E-8	-1.17E-4
	CC8	0.1521	-0.1672	-0.1047	-1.77E-4	-1.17E-6	-1.24E-4
	CC9	0.1455	-0.1677	-0.1044	-1.75E-4	-1.16E-6	-1.06E-4
	CC10	-0.1434	0.1350	-0.1109	1.02E-4	6.74E-7	1.15E-4
	CC11	-0.1500	0.1346	-0.1107	1.04E-4	6.84E-7	1.34E-4
	CC12	-0.1431	-0.0743	-0.1151	-8.74E-5	-5.77E-7	1.27E-4
	CC13	-0.1496	-0.0747	-0.1148	-8.59E-5	-5.67E-7	1.45E-4
	CC14	0.0556	0.3193	-0.0996	2.63E-4	1.74E-6	-8.28E-5
	CC15	0.0339	0.3179	-0.0986	2.68E-4	1.77E-6	-2.26E-5
	CC16	-0.0330	0.3471	-0.1027	2.90E-4	1.91E-6	-7.52E-6
	CC17	-0.0546	0.3458	-0.1018	2.95E-4	1.95E-6	5.27E-5
	CC18	0.0567	-0.3784	-0.1135	-3.68E-4	-2.43E-6	-4.29E-5
	CC19	0.0351	-0.3798	-0.1126	-3.63E-4	-2.40E-6	1.73E-5
	CC20	-0.0318	-0.3505	-0.1167	-3.41E-4	-2.25E-6	3.24E-5
	CC21	-0.0535	-0.3519	-0.1157	-3.36E-4	-2.22E-6	9.26E-5
755	CC1	0.0043	-0.0183	-0.0954	1.15E-6	-1.23E-5	1.29E-5
	CC2	0.0043	-0.0183	-0.0954	1.15E-6	-1.23E-5	1.29E-5
	CC3	0.0043	-0.0183	-0.0954	1.15E-6	-1.23E-5	1.29E-5
	CC4	0.0041	-0.0172	-0.0926	1.05E-6	-1.13E-5	1.14E-5
	CC5	0.0041	-0.0172	-0.0926	1.05E-6	-1.13E-5	1.14E-5
	CC6	0.1265	0.0245	-0.0713	1.57E-5	-1.69E-4	-1.22E-4
	CC7	0.1290	0.0259	-0.0704	1.61E-5	-1.73E-4	-1.05E-4
	CC8	0.1384	-0.1743	-0.0500	1.34E-5	-1.44E-4	-9.50E-5
	CC9	0.1408	-0.1729	-0.0491	1.38E-5	-1.48E-4	-7.82E-5
	CC10	-0.1327	0.1392	-0.1344	-1.17E-5	1.26E-4	1.00E-4
	CC11	-0.1303	0.1406	-0.1334	-1.13E-5	1.22E-4	1.17E-4
	CC12	-0.1209	-0.0597	-0.1131	-1.41E-5	1.51E-4	1.27E-4
	CC13	-0.1184	-0.0582	-0.1122	-1.37E-5	1.47E-4	1.44E-4
	CC14	0.0191	0.2949	-0.1192	8.35E-6	-8.97E-5	-9.54E-5
	CC15	0.0272	0.2997	-0.1162	9.76E-6	-1.05E-4	-3.97E-5

	CC16	-0.0586	0.3293	-0.1382	1.13E-7	-1.21E-6	-2.88E-5
	CC17	-0.0506	0.3341	-0.1351	1.52E-6	-1.63E-5	2.70E-5
	CC18	0.0587	-0.3678	-0.0483	5.24E-7	-5.62E-6	-5.15E-6
	CC19	0.0667	-0.3630	-0.0453	1.93E-6	-2.07E-5	5.06E-5
	CC20	-0.0191	-0.3334	-0.0672	-7.71E-6	8.29E-5	6.15E-5
	CC21	-0.0110	-0.3286	-0.0642	-6.31E-6	6.77E-5	1.17E-4
756	CC1	0.0031	-0.0156	-0.0953	9.54E-7	-1.03E-5	1.00E-5
	CC2	0.0031	-0.0156	-0.0953	9.54E-7	-1.03E-5	1.00E-5
	CC3	0.0031	-0.0156	-0.0953	9.54E-7	-1.03E-5	1.00E-5
	CC4	0.0030	-0.0146	-0.0925	8.74E-7	-9.39E-6	8.94E-6
	CC5	0.0030	-0.0146	-0.0925	8.74E-7	-9.39E-6	8.94E-6
	CC6	0.1129	0.0232	-0.0712	1.51E-5	-1.62E-4	-1.11E-4
	CC7	0.1150	0.0244	-0.0703	1.55E-5	-1.66E-4	-9.61E-5
	CC8	0.1245	-0.1551	-0.0500	1.38E-5	-1.48E-4	-7.99E-5
	CC9	0.1266	-0.1540	-0.0490	1.42E-5	-1.52E-4	-6.50E-5
	CC10	-0.1208	0.1254	-0.1342	-1.25E-5	1.34E-4	8.22E-5
	CC11	-0.1187	0.1266	-0.1332	-1.21E-5	1.30E-4	9.71E-5
	CC12	-0.1092	-0.0529	-0.1129	-1.38E-5	1.48E-4	1.13E-4
	CC13	-0.1071	-0.0518	-0.1120	-1.34E-5	1.44E-4	1.28E-4
	CC14	0.0151	0.2657	-0.1191	6.54E-6	-7.03E-5	-9.69E-5
	CC15	0.0221	0.2695	-0.1161	7.77E-6	-8.35E-5	-4.75E-5
	CC16	-0.0550	0.2964	-0.1380	-1.73E-6	1.86E-5	-3.89E-5
	CC17	-0.0480	0.3002	-0.1349	-4.96E-7	5.33E-6	1.04E-5
	CC18	0.0539	-0.3287	-0.0483	2.19E-6	-2.35E-5	6.73E-6
	CC19	0.0608	-0.3249	-0.0452	3.42E-6	-3.68E-5	5.61E-5
	CC20	-0.0162	-0.2981	-0.0671	-6.08E-6	6.53E-5	6.47E-5
	CC21	-0.0093	-0.2943	-0.0641	-4.85E-6	5.21E-5	1.14E-4
757	CC1	0.0020	-0.0128	-0.0951	7.06E-7	-7.58E-6	7.36E-6
	CC2	0.0020	-0.0128	-0.0951	7.06E-7	-7.58E-6	7.36E-6
	CC3	0.0020	-0.0128	-0.0951	7.06E-7	-7.58E-6	7.36E-6
	CC4	0.0020	-0.0120	-0.0923	6.46E-7	-6.94E-6	6.68E-6
	CC5	0.0020	-0.0120	-0.0923	6.46E-7	-6.94E-6	6.68E-6
	CC6	0.1006	0.0219	-0.0710	1.34E-5	-1.44E-4	-9.99E-5
	CC7	0.1024	0.0228	-0.0701	1.36E-5	-1.47E-4	-8.68E-5
	CC8	0.1108	-0.1364	-0.0500	1.37E-5	-1.47E-4	-7.19E-5
	CC9	0.1126	-0.1356	-0.0491	1.40E-5	-1.50E-4	-5.87E-5
	CC10	-0.1086	0.1120	-0.1338	-1.27E-5	1.37E-4	7.16E-5
	CC11	-0.1068	0.1129	-0.1328	-1.25E-5	1.34E-4	8.48E-5
	CC12	-0.0985	-0.0464	-0.1127	-1.24E-5	1.33E-4	9.97E-5
	CC13	-0.0967	-0.0455	-0.1118	-1.21E-5	1.30E-4	1.13E-4
	CC14	0.0135	0.2372	-0.1186	3.49E-6	-3.75E-5	-8.79E-5
	CC15	0.0195	0.2401	-0.1155	4.39E-6	-4.72E-5	-4.43E-5
	CC16	-0.0493	0.2643	-0.1375	-4.35E-6	4.67E-5	-3.64E-5
	CC17	-0.0433	0.2671	-0.1343	-3.44E-6	3.70E-5	7.16E-6
	CC18	0.0473	-0.2907	-0.0485	4.69E-6	-5.04E-5	5.75E-6
	CC19	0.0533	-0.2878	-0.0454	5.60E-6	-6.02E-5	4.93E-5
	CC20	-0.0155	-0.2636	-0.0673	-3.14E-6	3.37E-5	5.72E-5
	CC21	-0.0095	-0.2608	-0.0642	-2.23E-6	2.40E-5	1.01E-4
758	CC1	0.0014	-0.0129	-0.0975	4.65E-7	-4.99E-6	7.66E-6
	CC2	0.0014	-0.0129	-0.0975	4.65E-7	-4.99E-6	7.66E-6
	CC3	0.0014	-0.0129	-0.0975	4.65E-7	-4.99E-6	7.66E-6
	CC4	0.0014	-0.0121	-0.0946	4.38E-7	-4.70E-6	7.06E-6
	CC5	0.0014	-0.0121	-0.0946	4.38E-7	-4.70E-6	7.06E-6
	CC6	0.1041	0.0226	-0.0693	1.52E-5	-1.64E-4	-1.01E-4
	CC7	0.1049	0.0234	-0.0682	1.54E-5	-1.65E-4	-8.74E-5
	CC8	0.1124	-0.1360	-0.0650	1.45E-5	-1.56E-4	-8.13E-5
	CC9	0.1131	-0.1352	-0.0640	1.47E-5	-1.58E-4	-6.78E-5
	CC10	-0.1102	0.1115	-0.1232	-1.38E-5	1.48E-4	8.15E-5
	CC11	-0.1095	0.1122	-0.1222	-1.37E-5	1.47E-4	9.50E-5
	CC12	-0.1020	-0.0471	-0.1190	-1.45E-5	1.56E-4	1.01E-4
	CC13	-0.1012	-0.0464	-0.1180	-1.44E-5	1.54E-4	1.15E-4
	CC14	0.0186	0.2379	-0.0943	5.72E-6	-6.14E-5	-7.53E-5
	CC15	0.0211	0.2404	-0.0910	6.23E-6	-6.70E-5	-3.08E-5
	CC16	-0.0457	0.2645	-0.1105	-2.99E-6	3.22E-5	-2.06E-5
	CC17	-0.0432	0.2670	-0.1071	-2.48E-6	2.66E-5	2.39E-5
	CC18	0.0461	-0.2908	-0.0801	3.33E-6	-3.58E-5	-1.02E-5
	CC19	0.0486	-0.2883	-0.0767	3.85E-6	-4.14E-5	3.43E-5
	CC20	-0.0182	-0.2641	-0.0963	-5.38E-6	5.78E-5	4.45E-5
	CC21	-0.0157	-0.2616	-0.0929	-4.86E-6	5.22E-5	8.90E-5
759	CC1	0.0008	-0.0131	-0.0999	2.18E-7	-2.35E-6	7.12E-6
	CC2	0.0008	-0.0131	-0.0999	2.18E-7	-2.35E-6	7.12E-6
	CC3	0.0008	-0.0131	-0.0999	2.18E-7	-2.35E-6	7.12E-6

	CC4	0.0009	-0.0123	-0.0969	2.19E-7	-2.36E-6	6.70E-6
	CC5	0.0009	-0.0123	-0.0969	2.19E-7	-2.36E-6	6.70E-6
	CC6	0.1066	0.0234	-0.0668	1.58E-5	-1.70E-4	-1.02E-4
	CC7	0.1063	0.0240	-0.0657	1.59E-5	-1.71E-4	-8.88E-5
	CC8	0.1135	-0.1356	-0.0797	1.47E-5	-1.58E-4	-8.56E-5
	CC9	0.1131	-0.1349	-0.0786	1.48E-5	-1.59E-4	-7.20E-5
	CC10	-0.1113	0.1109	-0.1132	-1.43E-5	1.54E-4	8.52E-5
	CC11	-0.1116	0.1116	-0.1121	-1.43E-5	1.54E-4	9.87E-5
	CC12	-0.1045	-0.0480	-0.1261	-1.54E-5	1.66E-4	1.02E-4
	CC13	-0.1048	-0.0473	-0.1250	-1.54E-5	1.65E-4	1.15E-4
	CC14	0.0228	0.2386	-0.0692	6.53E-6	-7.02E-5	-7.18E-5
	CC15	0.0216	0.2408	-0.0657	6.64E-6	-7.14E-5	-2.70E-5
	CC16	-0.0426	0.2649	-0.0832	-2.52E-6	2.71E-5	-1.56E-5
	CC17	-0.0437	0.2671	-0.0796	-2.41E-6	2.59E-5	2.92E-5
	CC18	0.0456	-0.2911	-0.1122	2.85E-6	-3.06E-5	-1.61E-5
	CC19	0.0444	-0.2889	-0.1086	2.96E-6	-3.18E-5	2.87E-5
	CC20	-0.0198	-0.2648	-0.1261	-6.20E-6	6.66E-5	4.02E-5
	CC21	-0.0210	-0.2626	-0.1226	-6.09E-6	6.54E-5	8.49E-5
760	CC1	0.0033	-0.0185	-0.0980	9.53E-7	-1.02E-5	1.26E-5
	CC2	0.0033	-0.0185	-0.0980	9.53E-7	-1.02E-5	1.26E-5
	CC3	0.0033	-0.0185	-0.0980	9.53E-7	-1.02E-5	1.26E-5
	CC4	0.0032	-0.0173	-0.0951	8.92E-7	-9.58E-6	1.12E-5
	CC5	0.0032	-0.0173	-0.0951	8.92E-7	-9.58E-6	1.12E-5
	CC6	0.1306	0.0254	-0.0693	1.47E-5	-1.58E-4	-1.24E-4
	CC7	0.1316	0.0267	-0.0682	1.49E-5	-1.60E-4	-1.07E-4
	CC8	0.1403	-0.1739	-0.0652	1.27E-5	-1.37E-4	-9.90E-5
	CC9	0.1414	-0.1725	-0.0642	1.30E-5	-1.39E-4	-8.22E-5
	CC10	-0.1351	0.1386	-0.1240	-1.12E-5	1.21E-4	1.04E-4
	CC11	-0.1340	0.1399	-0.1230	-1.10E-5	1.18E-4	1.20E-4
	CC12	-0.1253	-0.0607	-0.1199	-1.32E-5	1.42E-4	1.29E-4
	CC13	-0.1242	-0.0593	-0.1189	-1.29E-5	1.39E-4	1.45E-4
	CC14	0.0249	0.2959	-0.0944	7.57E-6	-8.14E-5	-9.29E-5
	CC15	0.0285	0.3004	-0.0910	8.42E-6	-9.04E-5	-3.74E-5
	CC16	-0.0548	0.3299	-0.1108	-1.98E-7	2.12E-6	-2.46E-5
	CC17	-0.0512	0.3343	-0.1074	6.45E-7	-6.92E-6	3.09E-5
	CC18	0.0575	-0.3683	-0.0808	1.10E-6	-1.18E-5	-9.46E-6
	CC19	0.0611	-0.3638	-0.0774	1.94E-6	-2.09E-5	4.61E-5
	CC20	-0.0221	-0.3343	-0.0972	-6.67E-6	7.17E-5	5.89E-5
	CC21	-0.0186	-0.3299	-0.0938	-5.83E-6	6.26E-5	1.14E-4
761	CC1	0.0022	-0.0156	-0.0978	7.22E-7	-7.75E-6	1.05E-5
	CC2	0.0022	-0.0156	-0.0978	7.22E-7	-7.75E-6	1.05E-5
	CC3	0.0022	-0.0156	-0.0978	7.22E-7	-7.75E-6	1.05E-5
	CC4	0.0022	-0.0147	-0.0949	6.77E-7	-7.27E-6	9.50E-6
	CC5	0.0022	-0.0147	-0.0949	6.77E-7	-7.27E-6	9.50E-6
	CC6	0.1174	0.0240	-0.0693	1.53E-5	-1.64E-4	-1.12E-4
	CC7	0.1183	0.0251	-0.0683	1.55E-5	-1.66E-4	-9.72E-5
	CC8	0.1267	-0.1547	-0.0651	1.40E-5	-1.50E-4	-8.65E-5
	CC9	0.1276	-0.1537	-0.0641	1.42E-5	-1.52E-4	-7.16E-5
	CC10	-0.1232	0.1249	-0.1238	-1.29E-5	1.38E-4	8.99E-5
	CC11	-0.1223	0.1260	-0.1228	-1.27E-5	1.36E-4	1.05E-4
	CC12	-0.1139	-0.0538	-0.1195	-1.42E-5	1.52E-4	1.15E-4
	CC13	-0.1130	-0.0528	-0.1185	-1.39E-5	1.50E-4	1.30E-4
	CC14	0.0213	0.2667	-0.0945	6.68E-6	-7.18E-5	-8.84E-5
	CC15	0.0242	0.2702	-0.0911	7.39E-6	-7.94E-5	-3.91E-5
	CC16	-0.0509	0.2970	-0.1108	-1.76E-6	1.89E-5	-2.78E-5
	CC17	-0.0480	0.3004	-0.1075	-1.05E-6	1.13E-5	2.15E-5
	CC18	0.0524	-0.3292	-0.0804	2.38E-6	-2.55E-5	-3.21E-6
	CC19	0.0553	-0.3257	-0.0770	3.08E-6	-3.31E-5	4.62E-5
	CC20	-0.0198	-0.2989	-0.0967	-6.07E-6	6.52E-5	5.74E-5
	CC21	-0.0169	-0.2955	-0.0933	-5.36E-6	5.76E-5	1.07E-4
762	CC1	0.0014	-0.0158	-0.1004	5.41E-7	-5.81E-6	9.09E-6
	CC2	0.0014	-0.0158	-0.1004	5.41E-7	-5.81E-6	9.09E-6
	CC3	0.0014	-0.0158	-0.1004	5.41E-7	-5.81E-6	9.09E-6
	CC4	0.0015	-0.0148	-0.0974	5.34E-7	-5.74E-6	8.32E-6
	CC5	0.0015	-0.0148	-0.0974	5.34E-7	-5.74E-6	8.32E-6
	CC6	0.1209	0.0249	-0.0669	1.68E-5	-1.80E-4	-1.15E-4
	CC7	0.1206	0.0258	-0.0658	1.69E-5	-1.81E-4	-1.00E-4
	CC8	0.1284	-0.1545	-0.0799	1.51E-5	-1.62E-4	-9.47E-5
	CC9	0.1281	-0.1535	-0.0788	1.52E-5	-1.63E-4	-7.96E-5
	CC10	-0.1251	0.1246	-0.1139	-1.41E-5	1.51E-4	9.57E-5
	CC11	-0.1254	0.1255	-0.1128	-1.40E-5	1.51E-4	1.11E-4
	CC12	-0.1176	-0.0548	-0.1269	-1.58E-5	1.70E-4	1.16E-4

	CC13	-0.1179	-0.0538	-0.1258	-1.57E-5	1.69E-4	1.31E-4
	CC14	0.0264	0.2680	-0.0694	7.88E-6	-8.46E-5	-8.28E-5
	CC15	0.0253	0.2711	-0.0658	8.13E-6	-8.74E-5	-3.28E-5
	CC16	-0.0474	0.2979	-0.0836	-1.38E-6	1.49E-5	-1.95E-5
	CC17	-0.0484	0.3010	-0.0799	-1.13E-6	1.21E-5	3.05E-5
	CC18	0.0514	-0.3299	-0.1128	2.19E-6	-2.35E-5	-1.43E-5
	CC19	0.0504	-0.3268	-0.1091	2.44E-6	-2.63E-5	3.56E-5
	CC20	-0.0223	-0.3000	-0.1269	-7.07E-6	7.60E-5	4.90E-5
	CC21	-0.0234	-0.2969	-0.1233	-6.82E-6	7.32E-5	9.89E-5
763	CC1	0.0024	-0.0186	-0.1007	8.60E-7	-9.24E-6	1.05E-5
	CC2	0.0024	-0.0186	-0.1007	8.60E-7	-9.24E-6	1.05E-5
	CC3	0.0024	-0.0186	-0.1007	8.60E-7	-9.24E-6	1.05E-5
	CC4	0.0024	-0.0174	-0.0977	8.20E-7	-8.82E-6	9.41E-6
	CC5	0.0024	-0.0174	-0.0977	8.20E-7	-8.82E-6	9.41E-6
	CC6	0.1346	0.0264	-0.0669	1.43E-5	-1.54E-4	-1.28E-4
	CC7	0.1344	0.0276	-0.0658	1.44E-5	-1.55E-4	-1.11E-4
	CC8	0.1425	-0.1737	-0.0802	1.25E-5	-1.35E-4	-1.04E-4
	CC9	0.1423	-0.1725	-0.0790	1.26E-5	-1.36E-4	-8.70E-5
	CC10	-0.1375	0.1384	-0.1143	-1.10E-5	1.18E-4	1.05E-4
	CC11	-0.1378	0.1396	-0.1132	-1.09E-5	1.17E-4	1.22E-4
	CC12	-0.1296	-0.0617	-0.1276	-1.28E-5	1.38E-4	1.29E-4
	CC13	-0.1299	-0.0605	-0.1264	-1.27E-5	1.37E-4	1.46E-4
	CC14	0.0305	0.2977	-0.0693	7.44E-6	-7.99E-5	-9.32E-5
	CC15	0.0296	0.3017	-0.0656	7.73E-6	-8.31E-5	-3.77E-5
	CC16	-0.0512	0.3312	-0.0835	-1.67E-7	1.80E-6	-2.34E-5
	CC17	-0.0521	0.3353	-0.0798	1.31E-7	-1.41E-6	3.21E-5
	CC18	0.0568	-0.3694	-0.1135	1.48E-6	-1.59E-5	-1.40E-5
	CC19	0.0559	-0.3653	-0.1098	1.78E-6	-1.92E-5	4.15E-5
	CC20	-0.0248	-0.3358	-0.1277	-6.12E-6	6.57E-5	5.58E-5
	CC21	-0.0257	-0.3318	-0.1240	-5.82E-6	6.25E-5	1.11E-4
764	CC1	0.0045	-0.0177	-0.0979	-4.64E-5	-2.57E-6	6.30E-6
	CC2	0.0045	-0.0177	-0.0979	-4.64E-5	-2.57E-6	6.30E-6
	CC3	0.0045	-0.0177	-0.0979	-4.64E-5	-2.57E-6	6.30E-6
	CC4	0.0046	-0.0164	-0.0951	-4.34E-5	-2.41E-6	5.26E-6
	CC5	0.0046	-0.0164	-0.0951	-4.34E-5	-2.41E-6	5.26E-6
	CC6	0.1234	0.0852	-0.0946	4.16E-5	2.31E-6	-1.27E-4
	CC7	0.1273	0.0792	-0.0940	3.69E-5	2.05E-6	-1.10E-4
	CC8	0.1360	-0.1249	-0.0798	-1.79E-4	-9.93E-6	-1.22E-4
	CC9	0.1400	-0.1310	-0.0791	-1.84E-4	-1.02E-5	-1.05E-4
	CC10	-0.1307	0.0992	-0.1091	9.88E-5	5.48E-6	1.15E-4
	CC11	-0.1267	0.0931	-0.1085	9.41E-5	5.22E-6	1.32E-4
	CC12	-0.1180	-0.1110	-0.0942	-1.22E-4	-6.75E-6	1.20E-4
	CC13	-0.1141	-0.1170	-0.0936	-1.26E-4	-7.01E-6	1.37E-4
	CC14	0.0152	0.3423	-0.1178	3.24E-4	1.80E-5	-6.84E-5
	CC15	0.0282	0.3223	-0.1156	3.09E-4	1.71E-5	-1.17E-5
	CC16	-0.0610	0.3464	-0.1222	3.41E-4	1.89E-5	4.09E-6
	CC17	-0.0480	0.3265	-0.1200	3.26E-4	1.81E-5	6.09E-5
	CC18	0.0573	-0.3583	-0.0682	-4.11E-4	-2.28E-5	-5.11E-5
	CC19	0.0703	-0.3782	-0.0661	-4.26E-4	-2.37E-5	5.72E-6
	CC20	-0.0189	-0.3541	-0.0726	-3.93E-4	-2.18E-5	2.15E-5
	CC21	-0.0059	-0.3741	-0.0704	-4.09E-4	-2.27E-5	7.83E-5
765	CC1	0.0035	-0.0147	-0.0976	-2.52E-5	-1.40E-6	-1.97E-6
	CC2	0.0035	-0.0147	-0.0976	-2.52E-5	-1.40E-6	-1.97E-6
	CC3	0.0035	-0.0147	-0.0976	-2.52E-5	-1.40E-6	-1.97E-6
	CC4	0.0036	-0.0135	-0.0948	-2.33E-5	-1.29E-6	-2.36E-6
	CC5	0.0036	-0.0135	-0.0948	-2.33E-5	-1.29E-6	-2.36E-6
	CC6	0.1103	0.0782	-0.0946	9.32E-5	5.17E-6	-1.28E-4
	CC7	0.1137	0.0726	-0.0940	8.79E-5	4.88E-6	-1.12E-4
	CC8	0.1220	-0.1107	-0.0798	-1.79E-4	-9.94E-6	-1.11E-4
	CC9	0.1254	-0.1163	-0.0792	-1.84E-4	-1.02E-5	-9.52E-5
	CC10	-0.1182	0.0900	-0.1085	1.39E-4	7.72E-6	9.02E-5
	CC11	-0.1147	0.0844	-0.1079	1.34E-4	7.43E-6	1.06E-4
	CC12	-0.1065	-0.0989	-0.0937	-1.33E-4	-7.39E-6	1.07E-4
	CC13	-0.1030	-0.1045	-0.0931	-1.38E-4	-7.68E-6	1.23E-4
	CC14	0.0127	0.3092	-0.1175	4.33E-4	2.40E-5	-8.90E-5
	CC15	0.0241	0.2907	-0.1154	4.16E-4	2.31E-5	-3.70E-5
	CC16	-0.0559	0.3128	-0.1217	4.47E-4	2.48E-5	-2.37E-5
	CC17	-0.0444	0.2942	-0.1196	4.29E-4	2.38E-5	2.84E-5
	CC18	0.0517	-0.3205	-0.0681	-4.75E-4	-2.63E-5	-3.34E-5
	CC19	0.0631	-0.3391	-0.0660	-4.92E-4	-2.73E-5	1.87E-5
	CC20	-0.0169	-0.3170	-0.0723	-4.61E-4	-2.56E-5	3.20E-5
	CC21	-0.0054	-0.3355	-0.0702	-4.78E-4	-2.65E-5	8.41E-5

766	CC1	0.0026	-0.0122	-0.0972	-3.36E-5	-1.86E-6	-1.21E-5
	CC2	0.0026	-0.0122	-0.0972	-3.36E-5	-1.86E-6	-1.21E-5
	CC3	0.0026	-0.0122	-0.0972	-3.36E-5	-1.86E-6	-1.21E-5
	CC4	0.0027	-0.0112	-0.0944	-3.12E-5	-1.73E-6	-1.18E-5
	CC5	0.0027	-0.0112	-0.0944	-3.12E-5	-1.73E-6	-1.18E-5
	CC6	0.0981	0.0702	-0.0946	7.92E-5	4.40E-6	-1.28E-4
	CC7	0.1012	0.0650	-0.0939	7.38E-5	4.09E-6	-1.14E-4
	CC8	0.1087	-0.0964	-0.0799	-1.82E-4	-1.01E-5	-9.93E-5
	CC9	0.1117	-0.1015	-0.0793	-1.87E-4	-1.04E-5	-8.51E-5
	CC10	-0.1063	0.0797	-0.1077	1.27E-4	7.03E-6	6.18E-5
	CC11	-0.1033	0.0745	-0.1070	1.21E-4	6.72E-6	7.60E-5
	CC12	-0.0957	-0.0869	-0.0930	-1.34E-4	-7.47E-6	9.07E-5
	CC13	-0.0927	-0.0920	-0.0924	-1.40E-4	-7.77E-6	1.05E-4
	CC14	0.0108	0.2738	-0.1170	4.07E-4	2.26E-5	-1.12E-4
	CC15	0.0208	0.2568	-0.1149	3.89E-4	2.16E-5	-6.48E-5
	CC16	-0.0505	0.2767	-0.1209	4.21E-4	2.34E-5	-5.50E-5
	CC17	-0.0405	0.2596	-0.1189	4.03E-4	2.24E-5	-7.82E-6
	CC18	0.0460	-0.2815	-0.0680	-4.64E-4	-2.57E-5	-1.55E-5
	CC19	0.0560	-0.2985	-0.0660	-4.82E-4	-2.67E-5	3.17E-5
	CC20	-0.0154	-0.2786	-0.0720	-4.49E-4	-2.49E-5	4.15E-5
	CC21	-0.0054	-0.2957	-0.0700	-4.67E-4	-2.59E-5	8.87E-5
767	CC1	0.0026	-0.0114	-0.0980	-3.64E-5	-2.02E-6	-6.59E-6
	CC2	0.0026	-0.0114	-0.0980	-3.64E-5	-2.02E-6	-6.59E-6
	CC3	0.0026	-0.0114	-0.0980	-3.64E-5	-2.02E-6	-6.59E-6
	CC4	0.0027	-0.0104	-0.0953	-3.37E-5	-1.87E-6	-6.52E-6
	CC5	0.0027	-0.0104	-0.0953	-3.37E-5	-1.87E-6	-6.52E-6
	CC6	0.0984	0.0820	-0.1052	8.45E-5	4.69E-6	-1.12E-4
	CC7	0.1015	0.0756	-0.1048	7.69E-5	4.27E-6	-9.81E-5
	CC8	0.1090	-0.0868	-0.0908	-1.87E-4	-1.04E-5	-1.02E-4
	CC9	0.1121	-0.0933	-0.0905	-1.94E-4	-1.08E-5	-8.84E-5
	CC10	-0.1066	0.0730	-0.0982	1.29E-4	7.14E-6	7.54E-5
	CC11	-0.1035	0.0666	-0.0978	1.21E-4	6.72E-6	8.90E-5
	CC12	-0.0961	-0.0958	-0.0838	-1.43E-4	-7.91E-6	8.51E-5
	CC13	-0.0930	-0.1022	-0.0835	-1.50E-4	-8.33E-6	9.87E-5
	CC14	0.0108	0.2832	-0.1199	4.25E-4	2.36E-5	-7.32E-5
	CC15	0.0210	0.2620	-0.1186	4.00E-4	2.22E-5	-2.83E-5
	CC16	-0.0508	0.2805	-0.1178	4.38E-4	2.43E-5	-1.71E-5
	CC17	-0.0405	0.2593	-0.1165	4.13E-4	2.29E-5	2.79E-5
	CC18	0.0460	-0.2795	-0.0721	-4.79E-4	-2.66E-5	-4.09E-5
	CC19	0.0562	-0.3008	-0.0708	-5.04E-4	-2.80E-5	4.05E-6
	CC20	-0.0155	-0.2822	-0.0700	-4.66E-4	-2.58E-5	1.53E-5
	CC21	-0.0053	-0.3035	-0.0687	-4.91E-4	-2.72E-5	6.02E-5
768	CC1	0.0027	-0.0114	-0.0990	-4.20E-5	-2.33E-6	5.28E-6
	CC2	0.0027	-0.0114	-0.0990	-4.20E-5	-2.33E-6	5.28E-6
	CC3	0.0027	-0.0114	-0.0990	-4.20E-5	-2.33E-6	5.28E-6
	CC4	0.0028	-0.0104	-0.0962	-3.88E-5	-2.16E-6	5.02E-6
	CC5	0.0028	-0.0104	-0.0962	-3.88E-5	-2.16E-6	5.02E-6
	CC6	0.0988	0.0906	-0.1147	7.54E-5	4.18E-6	-7.49E-5
	CC7	0.1019	0.0830	-0.1145	6.61E-5	3.67E-6	-6.32E-5
	CC8	0.1093	-0.0781	-0.1004	-1.92E-4	-1.07E-5	-1.01E-4
	CC9	0.1125	-0.0857	-0.1003	-2.01E-4	-1.12E-5	-8.93E-5
	CC10	-0.1068	0.0654	-0.0904	1.26E-4	6.99E-6	9.92E-5
	CC11	-0.1036	0.0579	-0.0902	1.17E-4	6.47E-6	1.11E-4
	CC12	-0.0963	-0.1032	-0.0761	-1.42E-4	-7.86E-6	7.31E-5
	CC13	-0.0931	-0.1108	-0.0760	-1.51E-4	-8.38E-6	8.48E-5
	CC14	0.0109	0.2873	-0.1230	4.16E-4	2.31E-5	2.92E-6
	CC15	0.0213	0.2623	-0.1225	3.85E-4	2.14E-5	4.17E-5
	CC16	-0.0508	0.2798	-0.1157	4.31E-4	2.39E-5	5.52E-5
	CC17	-0.0403	0.2547	-0.1152	4.00E-4	2.22E-5	9.40E-5
	CC18	0.0460	-0.2749	-0.0754	-4.76E-4	-2.64E-5	-8.41E-5
	CC19	0.0565	-0.3000	-0.0750	-5.07E-4	-2.81E-5	-4.53E-5
	CC20	-0.0157	-0.2825	-0.0682	-4.61E-4	-2.56E-5	-3.18E-5
	CC21	-0.0052	-0.3075	-0.0677	-4.91E-4	-2.73E-5	6.95E-6
769	CC1	0.0045	-0.0180	-0.0988	-4.01E-5	-2.23E-6	-1.11E-6
	CC2	0.0045	-0.0180	-0.0988	-4.01E-5	-2.23E-6	-1.11E-6
	CC3	0.0045	-0.0180	-0.0988	-4.01E-5	-2.23E-6	-1.11E-6
	CC4	0.0046	-0.0166	-0.0960	-3.71E-5	-2.06E-6	-1.98E-6
	CC5	0.0046	-0.0166	-0.0960	-3.71E-5	-2.06E-6	-1.98E-6
	CC6	0.1236	0.0984	-0.1063	6.12E-5	3.40E-6	-1.39E-4
	CC7	0.1276	0.0908	-0.1059	5.49E-5	3.05E-6	-1.22E-4
	CC8	0.1363	-0.1130	-0.0917	-1.68E-4	-9.33E-6	-1.23E-4
	CC9	0.1403	-0.1206	-0.0913	-1.74E-4	-9.68E-6	-1.05E-4

	CC10	-0.1310	0.0884	-0.0989	1.02E-4	5.67E-6	1.01E-4
	CC11	-0.1270	0.0808	-0.0985	9.58E-5	5.32E-6	1.18E-4
	CC12	-0.1183	-0.1230	-0.0843	-1.27E-4	-7.06E-6	1.18E-4
	CC13	-0.1143	-0.1306	-0.0839	-1.33E-4	-7.41E-6	1.35E-4
	CC14	0.0150	0.3503	-0.1212	3.50E-4	1.94E-5	-9.54E-5
	CC15	0.0284	0.3252	-0.1199	3.29E-4	1.83E-5	-3.78E-5
	CC16	-0.0613	0.3473	-0.1190	3.63E-4	2.01E-5	-2.34E-5
	CC17	-0.0480	0.3222	-0.1177	3.42E-4	1.90E-5	3.42E-5
	CC18	0.0573	-0.3544	-0.0725	-4.14E-4	-2.30E-5	-3.88E-5
	CC19	0.0706	-0.3795	-0.0712	-4.35E-4	-2.41E-5	1.88E-5
	CC20	-0.0191	-0.3574	-0.0703	-4.02E-4	-2.23E-5	3.32E-5
	CC21	-0.0058	-0.3825	-0.0690	-4.23E-4	-2.35E-5	9.09E-5
770	CC1	0.0035	-0.0146	-0.0985	-3.73E-5	-2.07E-6	-1.26E-6
	CC2	0.0035	-0.0146	-0.0985	-3.73E-5	-2.07E-6	-1.26E-6
	CC3	0.0035	-0.0146	-0.0985	-3.73E-5	-2.07E-6	-1.26E-6
	CC4	0.0036	-0.0134	-0.0957	-3.45E-5	-1.91E-6	-1.72E-6
	CC5	0.0036	-0.0134	-0.0957	-3.45E-5	-1.91E-6	-1.72E-6
	CC6	0.1107	0.0907	-0.1058	7.55E-5	4.19E-6	-1.25E-4
	CC7	0.1142	0.0836	-0.1055	6.86E-5	3.81E-6	-1.09E-4
	CC8	0.1224	-0.1000	-0.0913	-1.81E-4	-1.01E-5	-1.11E-4
	CC9	0.1259	-0.1071	-0.0909	-1.88E-4	-1.04E-5	-9.49E-5
	CC10	-0.1187	0.0810	-0.0987	1.21E-4	6.72E-6	9.11E-5
	CC11	-0.1152	0.0740	-0.0983	1.14E-4	6.34E-6	1.07E-4
	CC12	-0.1070	-0.1097	-0.0842	-1.36E-4	-7.53E-6	1.06E-4
	CC13	-0.1035	-0.1167	-0.0838	-1.43E-4	-7.92E-6	1.21E-4
	CC14	0.0127	0.3179	-0.1207	3.99E-4	2.22E-5	-8.42E-5
	CC15	0.0244	0.2946	-0.1194	3.76E-4	2.09E-5	-3.24E-5
	CC16	-0.0562	0.3150	-0.1186	4.13E-4	2.29E-5	-1.94E-5
	CC17	-0.0444	0.2917	-0.1173	3.90E-4	2.16E-5	3.24E-5
	CC18	0.0517	-0.3178	-0.0723	-4.57E-4	-2.54E-5	-3.62E-5
	CC19	0.0634	-0.3410	-0.0710	-4.80E-4	-2.66E-5	1.56E-5
	CC20	-0.0172	-0.3207	-0.0702	-4.43E-4	-2.46E-5	2.86E-5
	CC21	-0.0054	-0.3439	-0.0689	-4.66E-4	-2.59E-5	8.04E-5
771	CC1	0.0035	-0.0146	-0.0997	-3.22E-5	-1.79E-6	-1.21E-7
	CC2	0.0035	-0.0146	-0.0997	-3.22E-5	-1.79E-6	-1.21E-7
	CC3	0.0035	-0.0146	-0.0997	-3.22E-5	-1.79E-6	-1.21E-7
	CC4	0.0036	-0.0134	-0.0969	-2.92E-5	-1.62E-6	-4.92E-7
	CC5	0.0036	-0.0134	-0.0969	-2.92E-5	-1.62E-6	-4.92E-7
	CC6	0.1112	0.1017	-0.1156	8.91E-5	4.94E-6	-1.21E-4
	CC7	0.1148	0.0933	-0.1155	7.82E-5	4.34E-6	-1.06E-4
	CC8	0.1230	-0.0905	-0.1013	-2.09E-4	-1.16E-5	-1.09E-4
	CC9	0.1266	-0.0989	-0.1011	-2.19E-4	-1.22E-5	-9.31E-5
	CC10	-0.1193	0.0730	-0.0908	1.63E-4	9.06E-6	9.18E-5
	CC11	-0.1157	0.0646	-0.0907	1.52E-4	8.46E-6	1.07E-4
	CC12	-0.1075	-0.1192	-0.0764	-1.35E-4	-7.47E-6	1.04E-4
	CC13	-0.1039	-0.1276	-0.0763	-1.45E-4	-8.07E-6	1.20E-4
	CC14	0.0127	0.3257	-0.1238	4.75E-4	2.64E-5	-7.91E-5
	CC15	0.0246	0.2978	-0.1234	4.39E-4	2.44E-5	-2.80E-5
	CC16	-0.0565	0.3171	-0.1164	4.97E-4	2.76E-5	-1.52E-5
	CC17	-0.0445	0.2892	-0.1159	4.61E-4	2.56E-5	3.59E-5
	CC18	0.0518	-0.3151	-0.0760	-5.17E-4	-2.87E-5	-3.71E-5
	CC19	0.0638	-0.3430	-0.0755	-5.53E-4	-3.07E-5	1.40E-5
	CC20	-0.0173	-0.3237	-0.0685	-4.95E-4	-2.75E-5	2.68E-5
	CC21	-0.0054	-0.3516	-0.0681	-5.31E-4	-2.95E-5	7.79E-5
772	CC1	0.0044	-0.0178	-0.1002	-4.23E-5	-2.35E-6	-4.57E-6
	CC2	0.0044	-0.0178	-0.1002	-4.23E-5	-2.35E-6	-4.57E-6
	CC3	0.0044	-0.0178	-0.1002	-4.23E-5	-2.35E-6	-4.57E-6
	CC4	0.0045	-0.0163	-0.0974	-3.89E-5	-2.16E-6	-5.14E-6
	CC5	0.0045	-0.0163	-0.0974	-3.89E-5	-2.16E-6	-5.14E-6
	CC6	0.1239	0.1121	-0.1164	6.21E-5	3.44E-6	-1.65E-4
	CC7	0.1281	0.1029	-0.1163	5.44E-5	3.02E-6	-1.46E-4
	CC8	0.1367	-0.1027	-0.1020	-1.64E-4	-9.11E-6	-1.16E-4
	CC9	0.1409	-0.1119	-0.1018	-1.72E-4	-9.53E-6	-9.68E-5
	CC10	-0.1318	0.0803	-0.0911	9.61E-5	5.34E-6	8.62E-5
	CC11	-0.1277	0.0711	-0.0909	8.85E-5	4.91E-6	1.05E-4
	CC12	-0.1190	-0.1345	-0.0766	-1.30E-4	-7.22E-6	1.35E-4
	CC13	-0.1149	-0.1437	-0.0765	-1.38E-4	-7.64E-6	1.54E-4
	CC14	0.0148	0.3623	-0.1246	3.47E-4	1.92E-5	-1.56E-4
	CC15	0.0284	0.3317	-0.1241	3.21E-4	1.78E-5	-9.31E-5
	CC16	-0.0620	0.3527	-0.1170	3.57E-4	1.98E-5	-8.07E-5
	CC17	-0.0483	0.3222	-0.1165	3.31E-4	1.84E-5	-1.78E-5
	CC18	0.0574	-0.3538	-0.0764	-4.07E-4	-2.26E-5	7.18E-6

	CC19	0.0710	-0.3843	-0.0759	-4.32E-4	-2.40E-5	7.00E-5
	CC20	-0.0193	-0.3633	-0.0688	-3.97E-4	-2.20E-5	8.25E-5
	CC21	-0.0057	-0.3939	-0.0683	-4.22E-4	-2.34E-5	1.45E-4
773	CC1	0.0038	-0.0156	-0.1177	-2.83E-5	0.00E+0	-8.55E-6
	CC2	0.0038	-0.0156	-0.1177	-2.83E-5	0.00E+0	-8.55E-6
	CC3	0.0038	-0.0156	-0.1177	-2.83E-5	0.00E+0	-8.55E-6
	CC4	0.0039	-0.0142	-0.1147	-2.53E-5	0.00E+0	-7.94E-6
	CC5	0.0039	-0.0142	-0.1147	-2.53E-5	0.00E+0	-7.94E-6
	CC6	0.1237	0.1970	-0.1308	2.08E-4	3.31E-29	-1.42E-4
	CC7	0.1280	0.1773	-0.1293	1.87E-4	3.31E-29	-1.25E-4
	CC8	0.1365	-0.0319	-0.1141	-5.44E-5	1.31E-29	-1.30E-4
	CC9	0.1407	-0.0515	-0.1126	-7.48E-5	1.31E-29	-1.13E-4
	CC10	-0.1328	0.0242	-0.1149	2.62E-5	-1.31E-29	9.75E-5
	CC11	-0.1285	0.0045	-0.1135	5.83E-6	-1.31E-29	1.14E-4
	CC12	-0.1201	-0.2046	-0.0982	-2.36E-4	-3.31E-29	1.10E-4
	CC13	-0.1158	-0.2243	-0.0968	-2.56E-4	-3.31E-29	1.26E-4
	CC14	0.0141	0.4261	-0.1464	4.74E-4	4.04E-29	-9.17E-5
	CC15	0.0283	0.3611	-0.1416	4.06E-4	4.04E-29	-3.58E-5
	CC16	-0.0628	0.3743	-0.1416	4.19E-4	2.65E-29	-1.99E-5
	CC17	-0.0487	0.3092	-0.1368	3.52E-4	2.65E-29	3.61E-5
	CC18	0.0566	-0.3366	-0.0907	-4.00E-4	-2.65E-29	-5.15E-5
	CC19	0.0708	-0.4016	-0.0859	-4.68E-4	-2.65E-29	4.41E-6
	CC20	-0.0203	-0.3884	-0.0860	-4.55E-4	-4.04E-29	2.03E-5
	CC21	-0.0062	-0.4535	-0.0812	-5.22E-4	-4.04E-29	7.62E-5
774	CC1	0.0031	-0.0137	-0.1170	-1.66E-5	0.00E+0	-9.60E-6
	CC2	0.0031	-0.0137	-0.1170	-1.66E-5	0.00E+0	-9.60E-6
	CC3	0.0031	-0.0137	-0.1170	-1.66E-5	0.00E+0	-9.60E-6
	CC4	0.0033	-0.0124	-0.1141	-1.43E-5	0.00E+0	-9.04E-6
	CC5	0.0033	-0.0124	-0.1141	-1.43E-5	0.00E+0	-9.04E-6
	CC6	0.1111	0.1756	-0.1299	2.88E-4	5.93E-3	-1.35E-4
	CC7	0.1149	0.1579	-0.1285	2.63E-4	5.93E-3	-1.19E-4
	CC8	0.1228	-0.0274	-0.1133	-5.07E-5	2.39E-3	-1.13E-4
	CC9	0.1265	-0.0450	-0.1119	-7.59E-5	2.39E-3	-9.79E-5
	CC10	-0.1199	0.0210	-0.1144	4.90E-5	-2.39E-3	8.02E-5
	CC11	-0.1161	0.0034	-0.1129	2.37E-5	-2.39E-3	9.57E-5
	CC12	-0.1082	-0.1820	-0.0978	-2.90E-4	-5.93E-3	1.02E-4
	CC13	-0.1045	-0.1996	-0.0963	-3.15E-4	-5.93E-3	1.17E-4
	CC14	0.0123	0.3786	-0.1455	6.29E-4	7.15E-3	-1.02E-4
	CC15	0.0248	0.3203	-0.1408	5.46E-4	7.15E-3	-5.10E-5
	CC16	-0.0570	0.3323	-0.1409	5.57E-4	4.66E-3	-3.80E-5
	CC17	-0.0445	0.2739	-0.1361	4.74E-4	4.66E-3	1.35E-5
	CC18	0.0512	-0.2980	-0.0901	-5.01E-4	-4.66E-3	-3.12E-5
	CC19	0.0637	-0.3563	-0.0854	-5.84E-4	-4.66E-3	2.03E-5
	CC20	-0.0181	-0.3443	-0.0855	-5.73E-4	-7.15E-3	3.33E-5
	CC21	-0.0056	-0.4027	-0.0807	-6.56E-4	-7.15E-3	8.48E-5
775	CC1	0.0026	-0.0118	-0.1162	-2.74E-5	0.00E+0	-1.08E-5
	CC2	0.0026	-0.0118	-0.1162	-2.74E-5	0.00E+0	-1.08E-5
	CC3	0.0026	-0.0118	-0.1162	-2.74E-5	0.00E+0	-1.08E-5
	CC4	0.0027	-0.0108	-0.1134	-2.45E-5	0.00E+0	-1.03E-5
	CC5	0.0027	-0.0108	-0.1134	-2.45E-5	0.00E+0	-1.03E-5
	CC6	0.0985	0.1528	-0.1291	2.51E-4	3.46E-3	-1.28E-4
	CC7	0.1018	0.1373	-0.1277	2.29E-4	3.46E-3	-1.14E-4
	CC8	0.1091	-0.0235	-0.1126	-5.15E-5	1.37E-3	-9.73E-5
	CC9	0.1123	-0.0390	-0.1112	-7.39E-5	1.37E-3	-8.29E-5
	CC10	-0.1069	0.0182	-0.1136	2.67E-5	-1.37E-3	6.28E-5
	CC11	-0.1037	0.0027	-0.1122	4.38E-6	-1.37E-3	7.71E-5
	CC12	-0.0964	-0.1581	-0.0971	-2.76E-4	-3.46E-3	9.39E-5
	CC13	-0.0931	-0.1736	-0.0956	-2.98E-4	-3.46E-3	1.08E-4
	CC14	0.0105	0.3293	-0.1447	5.51E-4	4.21E-3	-1.14E-4
	CC15	0.0214	0.2779	-0.1399	4.77E-4	4.21E-3	-6.68E-5
	CC16	-0.0511	0.2889	-0.1400	4.84E-4	2.76E-3	-5.69E-5
	CC17	-0.0403	0.2375	-0.1353	4.10E-4	2.76E-3	-9.48E-6
	CC18	0.0457	-0.2584	-0.0895	-4.57E-4	-2.76E-3	-1.07E-5
	CC19	0.0565	-0.3097	-0.0847	-5.31E-4	-2.76E-3	3.67E-5
	CC20	-0.0159	-0.2987	-0.0849	-5.25E-4	-4.21E-3	4.67E-5
	CC21	-0.0051	-0.3501	-0.0801	-5.99E-4	-4.21E-3	9.41E-5
776	CC1	0.0026	-0.0108	-0.1166	-2.57E-5	0.00E+0	-9.54E-6
	CC2	0.0026	-0.0108	-0.1166	-2.57E-5	0.00E+0	-9.54E-6
	CC3	0.0026	-0.0108	-0.1166	-2.57E-5	0.00E+0	-9.54E-6
	CC4	0.0027	-0.0099	-0.1137	-2.30E-5	0.00E+0	-9.08E-6
	CC5	0.0027	-0.0099	-0.1137	-2.30E-5	0.00E+0	-9.08E-6
	CC6	0.0989	0.1635	-0.1333	2.64E-4	1.22E-31	-1.11E-4

	CC7	0.1021	0.1467	-0.1322	2.40E-4	1.22E-31	-9.81E-5
	CC8	0.1094	-0.0149	-0.1179	-3.51E-5	4.78E-32	-9.74E-5
	CC9	0.1127	-0.0316	-0.1168	-5.90E-5	4.78E-32	-8.45E-5
	CC10	-0.1071	0.0125	-0.1088	1.49E-5	-4.78E-32	6.66E-5
	CC11	-0.1038	-0.0042	-0.1077	-8.99E-6	-4.78E-32	7.95E-5
	CC12	-0.0966	-0.1658	-0.0933	-2.85E-4	-1.22E-31	8.02E-5
	CC13	-0.0933	-0.1826	-0.0922	-3.08E-4	-1.22E-31	9.32E-5
	CC14	0.0107	0.3380	-0.1440	5.54E-4	1.49E-31	-7.97E-5
	CC15	0.0215	0.2826	-0.1404	4.75E-4	1.49E-31	-3.69E-5
	CC16	-0.0511	0.2927	-0.1367	4.79E-4	9.77E-32	-2.64E-5
	CC17	-0.0402	0.2373	-0.1330	4.00E-4	9.77E-32	1.64E-5
	CC18	0.0458	-0.2564	-0.0925	-4.44E-4	-9.77E-32	-3.43E-5
	CC19	0.0566	-0.3118	-0.0889	-5.23E-4	-9.77E-32	8.57E-6
	CC20	-0.0160	-0.3017	-0.0852	-5.19E-4	-1.49E-31	1.90E-5
	CC21	-0.0051	-0.3571	-0.0815	-5.98E-4	-1.49E-31	6.19E-5
777	CC1	0.0027	-0.0101	-0.1170	-2.23E-5	0.00E+0	-6.92E-6
	CC2	0.0027	-0.0101	-0.1170	-2.23E-5	0.00E+0	-6.92E-6
	CC3	0.0027	-0.0101	-0.1170	-2.23E-5	0.00E+0	-6.92E-6
	CC4	0.0028	-0.0092	-0.1142	-1.98E-5	0.00E+0	-6.58E-6
	CC5	0.0028	-0.0092	-0.1142	-1.98E-5	0.00E+0	-6.58E-6
	CC6	0.0989	0.1724	-0.1432	2.87E-4	1.99E-29	-9.00E-5
	CC7	0.1021	0.1546	-0.1425	2.61E-4	1.99E-29	-7.87E-5
	CC8	0.1093	-0.0063	-0.1287	-1.74E-5	7.93E-3	-9.45E-5
	CC9	0.1126	-0.0242	-0.1280	-4.35E-5	7.93E-3	-8.32E-5
	CC10	-0.1069	0.0064	-0.0985	5.49E-6	-7.93E-3	7.02E-5
	CC11	-0.1036	-0.0114	-0.0978	-2.06E-5	-7.93E-3	8.15E-5
	CC12	-0.0964	-0.1723	-0.0841	-2.99E-4	-1.99E-29	6.58E-5
	CC13	-0.0931	-0.1901	-0.0833	-3.25E-4	-1.99E-29	7.71E-5
	CC14	0.0109	0.3434	-0.1454	5.73E-4	2.42E-29	-4.18E-5
	CC15	0.0217	0.2844	-0.1429	4.87E-4	2.42E-29	-4.40E-6
	CC16	-0.0508	0.2936	-0.1320	4.89E-4	1.58E-29	6.24E-6
	CC17	-0.0401	0.2346	-0.1295	4.02E-4	1.58E-29	4.37E-5
	CC18	0.0458	-0.2524	-0.0971	-4.40E-4	-1.58E-29	-5.66E-5
	CC19	0.0566	-0.3113	-0.0945	-5.27E-4	-1.58E-29	-1.92E-5
	CC20	-0.0159	-0.3021	-0.0837	-5.25E-4	-2.42E-29	-8.54E-6
	CC21	-0.0051	-0.3611	-0.0811	-6.11E-4	-2.42E-29	2.89E-5
778	CC1	0.0037	-0.0146	-0.1179	-2.58E-5	0.00E+0	-1.46E-5
	CC2	0.0037	-0.0146	-0.1179	-2.58E-5	0.00E+0	-1.46E-5
	CC3	0.0037	-0.0146	-0.1179	-2.58E-5	0.00E+0	-1.46E-5
	CC4	0.0039	-0.0132	-0.1150	-2.31E-5	0.00E+0	-1.37E-5
	CC5	0.0039	-0.0132	-0.1150	-2.31E-5	0.00E+0	-1.37E-5
	CC6	0.1232	0.2100	-0.1348	2.21E-4	2.85E-3	-1.52E-4
	CC7	0.1275	0.1888	-0.1337	1.99E-4	2.85E-3	-1.35E-4
	CC8	0.1360	-0.0201	-0.1192	-3.95E-5	1.14E-3	-1.34E-4
	CC9	0.1402	-0.0413	-0.1181	-6.16E-5	1.14E-3	-1.17E-4
	CC10	-0.1324	0.0158	-0.1100	1.71E-5	-1.14E-3	8.99E-5
	CC11	-0.1282	-0.0054	-0.1089	-4.96E-6	-1.14E-3	1.07E-4
	CC12	-0.1197	-0.2142	-0.0944	-2.43E-4	-2.85E-3	1.08E-4
	CC13	-0.1154	-0.2354	-0.0933	-2.65E-4	-2.85E-3	1.26E-4
	CC14	0.0140	0.4349	-0.1457	4.79E-4	3.45E-3	-1.09E-4
	CC15	0.0281	0.3648	-0.1420	4.06E-4	3.45E-3	-5.11E-5
	CC16	-0.0627	0.3767	-0.1382	4.18E-4	2.25E-3	-3.63E-5
	CC17	-0.0486	0.3065	-0.1346	3.45E-4	2.25E-3	2.16E-5
	CC18	0.0565	-0.3320	-0.0935	-3.89E-4	-2.25E-3	-4.83E-5
	CC19	0.0705	-0.4021	-0.0899	-4.62E-4	-2.25E-3	9.58E-6
	CC20	-0.0202	-0.3902	-0.0861	-4.50E-4	-3.45E-3	2.44E-5
	CC21	-0.0062	-0.4604	-0.0824	-5.23E-4	-3.45E-3	8.22E-5
779	CC1	0.0031	-0.0127	-0.1174	-1.78E-5	0.00E+0	-1.16E-5
	CC2	0.0031	-0.0127	-0.1174	-1.78E-5	0.00E+0	-1.16E-5
	CC3	0.0031	-0.0127	-0.1174	-1.78E-5	0.00E+0	-1.16E-5
	CC4	0.0033	-0.0115	-0.1145	-1.55E-5	0.00E+0	-1.09E-5
	CC5	0.0033	-0.0115	-0.1145	-1.55E-5	0.00E+0	-1.09E-5
	CC6	0.1110	0.1875	-0.1342	3.00E-4	1.64E-29	-1.31E-4
	CC7	0.1148	0.1685	-0.1331	2.73E-4	1.64E-29	-1.15E-4
	CC8	0.1227	-0.0172	-0.1187	-3.11E-5	6.47E-3	-1.15E-4
	CC9	0.1265	-0.0362	-0.1176	-5.81E-5	6.47E-3	-1.00E-4
	CC10	-0.1198	0.0139	-0.1095	2.87E-5	-6.47E-3	7.89E-5
	CC11	-0.1161	-0.0051	-0.1084	1.68E-6	-6.47E-3	9.40E-5
	CC12	-0.1082	-0.1907	-0.0939	-3.02E-4	-1.64E-29	9.40E-5
	CC13	-0.1044	-0.2097	-0.0928	-3.29E-4	-1.64E-29	1.09E-4
	CC14	0.0123	0.3874	-0.1450	6.22E-4	2.00E-29	-9.23E-5
	CC15	0.0247	0.3245	-0.1414	5.32E-4	2.00E-29	-4.23E-5

	CC16	-0.0570	0.3353	-0.1376	5.41E-4	1.32E-29	-2.95E-5
	CC17	-0.0445	0.2724	-0.1339	4.51E-4	1.32E-29	2.06E-5
	CC18	0.0512	-0.2947	-0.0931	-4.80E-4	-1.32E-29	-4.20E-5
	CC19	0.0636	-0.3576	-0.0894	-5.70E-4	-1.32E-29	8.09E-6
	CC20	-0.0181	-0.3468	-0.0856	-5.62E-4	-2.00E-29	2.08E-5
	CC21	-0.0056	-0.4097	-0.0820	-6.51E-4	-2.00E-29	7.09E-5
780	CC1	0.0031	-0.0117	-0.1179	-1.43E-5	0.00E+0	-1.12E-5
	CC2	0.0031	-0.0117	-0.1179	-1.43E-5	0.00E+0	-1.12E-5
	CC3	0.0031	-0.0117	-0.1179	-1.43E-5	0.00E+0	-1.12E-5
	CC4	0.0033	-0.0106	-0.1150	-1.23E-5	0.00E+0	-1.05E-5
	CC5	0.0033	-0.0106	-0.1150	-1.23E-5	0.00E+0	-1.05E-5
	CC6	0.1111	0.1988	-0.1441	3.37E-4	1.26E-29	-1.24E-4
	CC7	0.1148	0.1785	-0.1434	3.06E-4	1.26E-29	-1.10E-4
	CC8	0.1228	-0.0069	-0.1295	-7.95E-6	5.14E-3	-1.15E-4
	CC9	0.1265	-0.0272	-0.1287	-3.88E-5	5.14E-3	-9.99E-5
	CC10	-0.1199	0.0068	-0.0994	1.54E-5	-5.14E-3	7.93E-5
	CC11	-0.1161	-0.0135	-0.0986	-1.54E-5	-5.14E-3	9.41E-5
	CC12	-0.1082	-0.1989	-0.0847	-3.29E-4	-1.26E-29	8.90E-5
	CC13	-0.1044	-0.2192	-0.0840	-3.60E-4	-1.26E-29	1.04E-4
	CC14	0.0123	0.3951	-0.1465	6.62E-4	1.51E-29	-8.14E-5
	CC15	0.0247	0.3278	-0.1439	5.60E-4	1.51E-29	-3.25E-5
	CC16	-0.0570	0.3375	-0.1331	5.66E-4	9.81E-3	-2.03E-5
	CC17	-0.0446	0.2702	-0.1305	4.64E-4	9.81E-3	2.86E-5
	CC18	0.0512	-0.2906	-0.0976	-4.87E-4	-9.81E-3	-4.92E-5
	CC19	0.0637	-0.3579	-0.0951	-5.89E-4	-9.81E-3	-2.27E-7
	CC20	-0.0181	-0.3482	-0.0842	-5.83E-4	-1.51E-29	1.19E-5
	CC21	-0.0056	-0.4155	-0.0816	-6.85E-4	-1.51E-29	6.09E-5
781	CC1	0.0036	-0.0132	-0.1185	-2.08E-5	0.00E+0	-1.61E-5
	CC2	0.0036	-0.0132	-0.1185	-2.08E-5	0.00E+0	-1.61E-5
	CC3	0.0036	-0.0132	-0.1185	-2.08E-5	0.00E+0	-1.61E-5
	CC4	0.0038	-0.0119	-0.1156	-1.85E-5	0.00E+0	-1.50E-5
	CC5	0.0038	-0.0119	-0.1156	-1.85E-5	0.00E+0	-1.50E-5
	CC6	0.1234	0.2239	-0.1450	2.47E-4	4.65E-3	-1.61E-4
	CC7	0.1276	0.2011	-0.1442	2.22E-4	4.65E-3	-1.42E-4
	CC8	0.1362	-0.0081	-0.1302	-2.24E-5	1.84E-3	-1.36E-4
	CC9	0.1405	-0.0309	-0.1295	-4.71E-5	1.84E-3	-1.17E-4
	CC10	-0.1328	0.0079	-0.0999	1.15E-5	-1.84E-3	8.80E-5
	CC11	-0.1286	-0.0149	-0.0991	-1.31E-5	-1.84E-3	1.06E-4
	CC12	-0.1200	-0.2241	-0.0852	-2.58E-4	-4.65E-3	1.13E-4
	CC13	-0.1157	-0.2469	-0.0844	-2.82E-4	-4.65E-3	1.32E-4
	CC14	0.0138	0.4454	-0.1472	5.07E-4	5.67E-3	-1.24E-4
	CC15	0.0279	0.3699	-0.1447	4.25E-4	5.67E-3	-6.35E-5
	CC16	-0.0631	0.3806	-0.1337	4.36E-4	3.72E-3	-4.95E-5
	CC17	-0.0489	0.3051	-0.1312	3.55E-4	3.72E-3	1.11E-5
	CC18	0.0566	-0.3281	-0.0982	-3.90E-4	-3.72E-3	-4.03E-5
	CC19	0.0707	-0.4036	-0.0957	-4.72E-4	-3.72E-3	2.03E-5
	CC20	-0.0203	-0.3929	-0.0847	-4.61E-4	-5.67E-3	3.44E-5
	CC21	-0.0062	-0.4684	-0.0821	-5.42E-4	-5.67E-3	9.50E-5
782	CC1	-0.0016	-0.0083	-0.1166	-7.13E-6	6.09E-6	-2.93E-7
	CC2	-0.0016	-0.0083	-0.1166	-7.13E-6	6.09E-6	-2.93E-7
	CC3	-0.0016	-0.0083	-0.1166	-7.13E-6	6.09E-6	-2.93E-7
	CC4	-0.0013	-0.0075	-0.1139	-6.55E-6	5.77E-6	-1.90E-7
	CC5	-0.0013	-0.0075	-0.1139	-6.55E-6	5.77E-6	-1.90E-7
	CC6	0.1459	0.2953	-0.1203	5.12E-7	-1.58E-4	-1.24E-4
	CC7	0.1407	0.2637	-0.1218	1.14E-6	-1.53E-4	-1.08E-4
	CC8	0.1474	0.0557	-0.1295	-6.25E-5	-1.61E-4	-1.11E-4
	CC9	0.1422	0.0242	-0.1310	-6.19E-5	-1.56E-4	-9.53E-5
	CC10	-0.1446	-0.0386	-0.0949	4.92E-5	1.67E-4	9.50E-5
	CC11	-0.1498	-0.0701	-0.0964	4.98E-5	1.72E-4	1.11E-4
	CC12	-0.1431	-0.2781	-0.1041	-1.39E-5	1.65E-4	1.08E-4
	CC13	-0.1483	-0.3096	-0.1056	-1.32E-5	1.69E-4	1.24E-4
	CC14	0.0485	0.4943	-0.0990	9.03E-5	-4.71E-5	-8.05E-5
	CC15	0.0312	0.3900	-0.1039	9.24E-5	-3.09E-5	-2.88E-5
	CC16	-0.0386	0.3942	-0.0914	1.05E-4	5.05E-5	-1.48E-5
	CC17	-0.0560	0.2898	-0.0963	1.07E-4	6.67E-5	3.69E-5
	CC18	0.0536	-0.3042	-0.1296	-1.20E-4	-5.54E-5	-3.72E-5
	CC19	0.0362	-0.4086	-0.1346	-1.18E-4	-3.92E-5	1.45E-5
	CC20	-0.0336	-0.4043	-0.1220	-1.05E-4	4.22E-5	2.85E-5
	CC21	-0.0509	-0.5087	-0.1270	-1.03E-4	5.84E-5	8.02E-5
783	CC1	-0.0012	-0.0077	-0.1162	1.31E-6	4.37E-6	-6.59E-7
	CC2	-0.0012	-0.0077	-0.1162	1.31E-6	4.37E-6	-6.59E-7
	CC3	-0.0012	-0.0077	-0.1162	1.31E-6	4.37E-6	-6.59E-7

	CC4	-0.0009	-0.0070	-0.1135	9.60E-7	4.12E-6	-5.24E-7
	CC5	-0.0009	-0.0070	-0.1135	9.60E-7	4.12E-6	-5.24E-7
	CC6	0.1318	0.2654	-0.1200	-4.39E-6	-1.83E-4	-1.19E-4
	CC7	0.1270	0.2369	-0.1212	-3.51E-6	-1.75E-4	-1.04E-4
	CC8	0.1334	0.0502	-0.1268	-8.60E-6	-1.70E-4	-1.03E-4
	CC9	0.1287	0.0217	-0.1281	-7.73E-6	-1.62E-4	-8.78E-5
	CC10	-0.1303	-0.0351	-0.0970	9.42E-6	1.70E-4	8.69E-5
	CC11	-0.1351	-0.0636	-0.0983	1.03E-5	1.78E-4	1.02E-4
	CC12	-0.1287	-0.2503	-0.1039	5.20E-6	1.83E-4	1.03E-4
	CC13	-0.1334	-0.2788	-0.1051	6.07E-6	1.91E-4	1.18E-4
	CC14	0.0436	0.4442	-0.1025	4.36E-6	-8.37E-5	-8.33E-5
	CC15	0.0279	0.3498	-0.1067	7.25E-6	-5.73E-5	-3.42E-5
	CC16	-0.0350	0.3540	-0.0957	8.50E-6	2.22E-5	-2.15E-5
	CC17	-0.0507	0.2597	-0.0998	1.14E-5	4.87E-5	2.76E-5
	CC18	0.0491	-0.2731	-0.1253	-9.70E-6	-4.06E-5	-2.85E-5
	CC19	0.0334	-0.3674	-0.1294	-6.81E-6	-1.42E-5	2.05E-5
	CC20	-0.0296	-0.3633	-0.1184	-5.56E-6	6.53E-5	3.32E-5
	CC21	-0.0453	-0.4576	-0.1226	-2.67E-6	9.18E-5	8.23E-5
784	CC1	-0.0006	-0.0071	-0.1153	2.86E-5	1.26E-5	8.78E-7
	CC2	-0.0006	-0.0071	-0.1153	2.86E-5	1.26E-5	8.78E-7
	CC3	-0.0006	-0.0071	-0.1153	2.86E-5	1.26E-5	8.78E-7
	CC4	-0.0003	-0.0064	-0.1125	2.60E-5	1.16E-5	8.96E-7
	CC5	-0.0003	-0.0064	-0.1125	2.60E-5	1.16E-5	8.96E-7
	CC6	0.1172	0.2339	-0.1190	7.48E-5	-1.62E-4	-1.04E-4
	CC7	0.1131	0.2086	-0.1203	6.99E-5	-1.55E-4	-9.08E-5
	CC8	0.1193	0.0438	-0.1262	4.26E-5	-1.65E-4	-8.96E-5
	CC9	0.1151	0.0186	-0.1275	3.78E-5	-1.58E-4	-7.64E-5
	CC10	-0.1156	-0.0310	-0.0958	1.26E-5	1.80E-4	7.82E-5
	CC11	-0.1198	-0.0563	-0.0971	7.75E-6	1.87E-4	9.14E-5
	CC12	-0.1136	-0.2210	-0.1029	-1.95E-5	1.77E-4	9.26E-5
	CC13	-0.1177	-0.2463	-0.1042	-2.44E-5	1.84E-4	1.06E-4
	CC14	0.0381	0.3920	-0.1010	9.62E-5	-4.65E-5	-7.23E-5
	CC15	0.0244	0.3084	-0.1053	8.00E-5	-2.37E-5	-2.85E-5
	CC16	-0.0317	0.3126	-0.0940	7.75E-5	5.62E-5	-1.76E-5
	CC17	-0.0454	0.2290	-0.0983	6.14E-5	7.90E-5	2.62E-5
	CC18	0.0449	-0.2414	-0.1250	-1.10E-5	-5.66E-5	-2.44E-5
	CC19	0.0313	-0.3250	-0.1292	-2.71E-5	-3.37E-5	1.94E-5
	CC20	-0.0249	-0.3209	-0.1180	-2.97E-5	4.62E-5	3.03E-5
	CC21	-0.0386	-0.4045	-0.1223	-4.58E-5	6.90E-5	7.41E-5
785	CC1	0.0002	-0.0069	-0.1139	-1.41E-5	8.95E-6	3.29E-6
	CC2	0.0002	-0.0069	-0.1139	-1.41E-5	8.95E-6	3.29E-6
	CC3	0.0002	-0.0069	-0.1139	-1.41E-5	8.95E-6	3.29E-6
	CC4	0.0004	-0.0062	-0.1112	-1.32E-5	8.28E-6	3.19E-6
	CC5	0.0004	-0.0062	-0.1112	-1.32E-5	8.28E-6	3.19E-6
	CC6	0.1137	0.2336	-0.1234	-2.76E-5	-1.57E-4	-1.02E-4
	CC7	0.1109	0.2084	-0.1232	-3.15E-5	-1.53E-4	-8.82E-5
	CC8	0.1168	0.0440	-0.1216	-6.05E-5	-1.63E-4	-8.87E-5
	CC9	0.1140	0.0188	-0.1214	-6.44E-5	-1.59E-4	-7.53E-5
	CC10	-0.1131	-0.0308	-0.0994	3.85E-5	1.75E-4	8.16E-5
	CC11	-0.1160	-0.0560	-0.0991	3.47E-5	1.79E-4	9.50E-5
	CC12	-0.1101	-0.2205	-0.0975	5.60E-6	1.69E-4	9.45E-5
	CC13	-0.1129	-0.2457	-0.0973	1.76E-6	1.73E-4	1.08E-4
	CC14	0.0340	0.3915	-0.1173	3.84E-5	-3.72E-5	-6.81E-5
	CC15	0.0247	0.3080	-0.1166	2.56E-5	-2.65E-5	-2.36E-5
	CC16	-0.0341	0.3121	-0.1101	5.82E-5	6.24E-5	-1.32E-5
	CC17	-0.0434	0.2287	-0.1094	4.55E-5	7.31E-5	3.14E-5
	CC18	0.0443	-0.2407	-0.1113	-7.14E-5	-5.70E-5	-2.51E-5
	CC19	0.0349	-0.3242	-0.1106	-8.41E-5	-4.63E-5	1.95E-5
	CC20	-0.0238	-0.3200	-0.1041	-5.15E-5	4.26E-5	2.99E-5
	CC21	-0.0331	-0.4035	-0.1034	-6.42E-5	5.33E-5	7.44E-5
786	CC1	-0.0004	-0.0080	-0.1146	3.02E-6	5.52E-6	3.19E-6
	CC2	-0.0004	-0.0080	-0.1146	3.02E-6	5.52E-6	3.19E-6
	CC3	-0.0004	-0.0080	-0.1146	3.02E-6	5.52E-6	3.19E-6
	CC4	-0.0002	-0.0072	-0.1119	2.85E-6	5.05E-6	3.19E-6
	CC5	-0.0002	-0.0072	-0.1119	2.85E-6	5.05E-6	3.19E-6
	CC6	0.1273	0.2647	-0.1245	1.48E-5	-1.57E-4	-1.16E-4
	CC7	0.1242	0.2362	-0.1244	1.40E-5	-1.55E-4	-1.01E-4
	CC8	0.1310	0.0499	-0.1225	8.35E-6	-1.74E-4	-1.01E-4
	CC9	0.1279	0.0215	-0.1223	7.53E-6	-1.73E-4	-8.51E-5
	CC10	-0.1282	-0.0355	-0.0998	-1.94E-6	1.83E-4	9.15E-5
	CC11	-0.1312	-0.0639	-0.0997	-2.76E-6	1.84E-4	1.07E-4
	CC12	-0.1244	-0.2502	-0.0978	-8.44E-6	1.65E-4	1.07E-4

	CC13	-0.1275	-0.2786	-0.0976	-9.25E-6	1.67E-4	1.23E-4
	CC14	0.0371	0.4430	-0.1184	1.75E-5	-2.00E-5	-8.01E-5
	CC15	0.0269	0.3488	-0.1179	1.48E-5	-1.43E-5	-2.90E-5
	CC16	-0.0395	0.3530	-0.1110	1.25E-5	8.19E-5	-1.77E-5
	CC17	-0.0498	0.2588	-0.1105	9.76E-6	8.76E-5	3.35E-5
	CC18	0.0495	-0.2728	-0.1116	-4.16E-6	-7.78E-5	-2.71E-5
	CC19	0.0393	-0.3669	-0.1112	-6.87E-6	-7.21E-5	2.41E-5
	CC20	-0.0271	-0.3628	-0.1042	-9.20E-6	2.41E-5	3.53E-5
	CC21	-0.0373	-0.4570	-0.1038	-1.19E-5	2.98E-5	8.65E-5
787	CC1	-0.0011	-0.0091	-0.1150	1.49E-5	9.50E-6	3.15E-6
	CC2	-0.0011	-0.0091	-0.1150	1.49E-5	9.50E-6	3.15E-6
	CC3	-0.0011	-0.0091	-0.1150	1.49E-5	9.50E-6	3.15E-6
	CC4	-0.0008	-0.0082	-0.1124	1.39E-5	8.76E-6	3.20E-6
	CC5	-0.0008	-0.0082	-0.1124	1.39E-5	8.76E-6	3.20E-6
	CC6	0.1403	0.2945	-0.1259	5.11E-5	-1.39E-4	-1.30E-4
	CC7	0.1370	0.2630	-0.1256	5.12E-5	-1.38E-4	-1.13E-4
	CC8	0.1447	0.0553	-0.1231	7.67E-5	-1.54E-4	-1.12E-4
	CC9	0.1414	0.0237	-0.1227	7.69E-5	-1.52E-4	-9.50E-5
	CC10	-0.1428	-0.0396	-0.1003	-4.98E-5	1.70E-4	1.01E-4
	CC11	-0.1462	-0.0711	-0.0999	-4.97E-5	1.71E-4	1.19E-4
	CC12	-0.1384	-0.2788	-0.0974	-2.42E-5	1.55E-4	1.19E-4
	CC13	-0.1418	-0.3104	-0.0971	-2.40E-5	1.56E-4	1.36E-4
	CC14	0.0399	0.4932	-0.1207	-1.44E-5	-1.49E-5	-8.96E-5
	CC15	0.0289	0.3888	-0.1195	-1.38E-5	-1.09E-5	-3.25E-5
	CC16	-0.0451	0.3929	-0.1130	-4.46E-5	7.76E-5	-2.02E-5
	CC17	-0.0561	0.2886	-0.1118	-4.41E-5	8.16E-5	3.69E-5
	CC18	0.0546	-0.3044	-0.1112	7.11E-5	-6.45E-5	-3.04E-5
	CC19	0.0436	-0.4088	-0.1100	7.17E-5	-6.06E-5	2.66E-5
	CC20	-0.0304	-0.4046	-0.1035	4.08E-5	2.79E-5	3.90E-5
	CC21	-0.0413	-0.5090	-0.1023	4.14E-5	3.19E-5	9.60E-5
788	CC1	-0.0002	-0.0070	-0.1151	-1.12E-5	4.61E-7	-7.04E-6
	CC2	-0.0002	-0.0070	-0.1151	-1.12E-5	4.61E-7	-7.04E-6
	CC3	-0.0002	-0.0070	-0.1151	-1.12E-5	4.61E-7	-7.04E-6
	CC4	0.0000	-0.0064	-0.1124	-1.00E-5	3.46E-7	-6.49E-6
	CC5	0.0000	-0.0064	-0.1124	-1.00E-5	3.46E-7	-6.49E-6
	CC6	0.1230	0.2440	-0.1220	3.54E-4	-4.39E-5	-1.24E-4
	CC7	0.1175	0.2175	-0.1265	3.18E-4	-3.96E-5	-1.10E-4
	CC8	0.1224	0.0519	-0.1587	7.48E-5	-8.99E-6	-1.00E-4
	CC9	0.1169	0.0254	-0.1632	3.92E-5	-4.69E-6	-8.56E-5
	CC10	-0.1167	-0.0378	-0.0597	-5.85E-5	5.30E-6	7.30E-5
	CC11	-0.1222	-0.0643	-0.0642	-9.41E-5	9.60E-6	8.76E-5
	CC12	-0.1173	-0.2298	-0.0964	-3.38E-4	4.02E-5	9.71E-5
	CC13	-0.1227	-0.2563	-0.1009	-3.73E-4	4.45E-5	1.12E-4
	CC14	0.0461	0.4000	-0.0521	5.77E-4	-7.23E-5	-1.00E-4
	CC15	0.0279	0.3122	-0.0670	4.59E-4	-5.81E-5	-5.19E-5
	CC16	-0.0258	0.3155	-0.0335	4.53E-4	-5.76E-5	-4.11E-5
	CC17	-0.0439	0.2277	-0.0483	3.35E-4	-4.33E-5	7.29E-6
	CC18	0.0442	-0.2401	-0.1745	-3.54E-4	4.39E-5	-1.99E-5
	CC19	0.0260	-0.3278	-0.1894	-4.72E-4	5.82E-5	2.85E-5
	CC20	-0.0277	-0.3246	-0.1559	-4.78E-4	5.87E-5	3.93E-5
	CC21	-0.0459	-0.4124	-0.1707	-5.96E-4	7.29E-5	8.77E-5
789	CC1	-0.0009	-0.0077	-0.1158	-7.64E-6	1.75E-7	-2.31E-6
	CC2	-0.0009	-0.0077	-0.1158	-7.64E-6	1.75E-7	-2.31E-6
	CC3	-0.0009	-0.0077	-0.1158	-7.64E-6	1.75E-7	-2.31E-6
	CC4	-0.0006	-0.0070	-0.1130	-6.53E-6	5.87E-8	-1.82E-6
	CC5	-0.0006	-0.0070	-0.1130	-6.53E-6	5.87E-8	-1.82E-6
	CC6	0.1370	0.2749	-0.1228	3.73E-4	-4.44E-5	-1.01E-4
	CC7	0.1308	0.2452	-0.1274	3.36E-4	-4.01E-5	-8.77E-5
	CC8	0.1367	0.0590	-0.1598	7.85E-5	-8.14E-6	-9.99E-5
	CC9	0.1305	0.0293	-0.1643	4.10E-5	-3.82E-6	-8.69E-5
	CC10	-0.1316	-0.0428	-0.0600	-5.33E-5	3.86E-6	8.35E-5
	CC11	-0.1378	-0.0725	-0.0645	-9.08E-5	8.18E-6	9.66E-5
	CC12	-0.1319	-0.2587	-0.0969	-3.48E-4	4.01E-5	8.43E-5
	CC13	-0.1381	-0.2884	-0.1014	-3.86E-4	4.44E-5	9.74E-5
	CC14	0.0504	0.4499	-0.0526	6.11E-4	-7.48E-5	-5.22E-5
	CC15	0.0299	0.3515	-0.0675	4.87E-4	-6.05E-5	-9.08E-6
	CC16	-0.0302	0.3546	-0.0337	4.83E-4	-6.03E-5	3.07E-6
	CC17	-0.0507	0.2562	-0.0486	3.59E-4	-4.60E-5	4.62E-5
	CC18	0.0496	-0.2698	-0.1756	-3.71E-4	4.60E-5	-4.95E-5
	CC19	0.0290	-0.3681	-0.1905	-4.96E-4	6.04E-5	-6.39E-6
	CC20	-0.0310	-0.3651	-0.1567	-4.99E-4	6.05E-5	5.76E-6
	CC21	-0.0516	-0.4634	-0.1717	-6.24E-4	7.48E-5	4.89E-5

790	CC1	-0.0016	-0.0086	-0.1163	-1.29E-5	1.11E-6	3.08E-6
	CC2	-0.0016	-0.0086	-0.1163	-1.29E-5	1.11E-6	3.08E-6
	CC3	-0.0016	-0.0086	-0.1163	-1.29E-5	1.11E-6	3.08E-6
	CC4	-0.0013	-0.0077	-0.1135	-1.16E-5	9.46E-7	3.45E-6
	CC5	-0.0013	-0.0077	-0.1135	-1.16E-5	9.46E-7	3.45E-6
	CC6	0.1510	0.3054	-0.1235	3.35E-4	-3.49E-5	-8.62E-5
	CC7	0.1441	0.2725	-0.1280	3.01E-4	-3.14E-5	-7.36E-5
	CC8	0.1506	0.0655	-0.1602	6.98E-5	-6.65E-6	-1.03E-4
	CC9	0.1438	0.0326	-0.1648	3.51E-5	-3.15E-6	-9.05E-5
	CC10	-0.1462	-0.0475	-0.0604	-5.74E-5	4.93E-6	9.77E-5
	CC11	-0.1530	-0.0804	-0.0649	-9.21E-5	8.44E-6	1.10E-4
	CC12	-0.1465	-0.2874	-0.0972	-3.23E-4	3.32E-5	8.08E-5
	CC13	-0.1534	-0.3203	-0.1017	-3.58E-4	3.67E-5	9.33E-5
	CC14	0.0552	0.4997	-0.0533	5.48E-4	-5.80E-5	-1.67E-5
	CC15	0.0326	0.3909	-0.0682	4.33E-4	-4.64E-5	2.50E-5
	CC16	-0.0339	0.3938	-0.0344	4.30E-4	-4.61E-5	3.85E-5
	CC17	-0.0565	0.2850	-0.0493	3.15E-4	-3.45E-5	8.01E-5
	CC18	0.0541	-0.2999	-0.1759	-3.37E-4	3.62E-5	-7.29E-5
	CC19	0.0315	-0.4087	-0.1908	-4.52E-4	4.79E-5	-3.13E-5
	CC20	-0.0351	-0.4058	-0.1570	-4.55E-4	4.82E-5	-1.78E-5
	CC21	-0.0577	-0.5146	-0.1719	-5.70E-4	5.98E-5	2.38E-5
791	CC1	0.0008	-0.0067	-0.1117	-1.34E-5	1.55E-6	-2.83E-6
	CC2	0.0008	-0.0067	-0.1117	-1.34E-5	1.55E-6	-2.83E-6
	CC3	0.0008	-0.0067	-0.1117	-1.34E-5	1.55E-6	-2.83E-6
	CC4	0.0010	-0.0061	-0.1092	-1.22E-5	1.41E-6	-2.49E-6
	CC5	0.0010	-0.0061	-0.1092	-1.22E-5	1.41E-6	-2.49E-6
	CC6	0.1105	0.2449	-0.1554	3.47E-4	-3.80E-5	-1.17E-4
	CC7	0.1089	0.2183	-0.1518	3.11E-4	-3.42E-5	-1.02E-4
	CC8	0.1152	0.0532	-0.1302	7.07E-5	-7.16E-6	-9.71E-5
	CC9	0.1136	0.0266	-0.1265	3.56E-5	-3.33E-6	-8.27E-5
	CC10	-0.1115	-0.0383	-0.0903	-5.91E-5	6.05E-6	7.80E-5
	CC11	-0.1131	-0.0649	-0.0867	-9.43E-5	9.89E-6	9.23E-5
	CC12	-0.1068	-0.2300	-0.0651	-3.35E-4	3.69E-5	9.78E-5
	CC13	-0.1084	-0.2567	-0.0614	-3.70E-4	4.08E-5	1.12E-4
	CC14	0.0292	0.4002	-0.1664	5.67E-4	-6.31E-5	-8.84E-5
	CC15	0.0239	0.3121	-0.1542	4.51E-4	-5.04E-5	-4.08E-5
	CC16	-0.0374	0.3152	-0.1468	4.45E-4	-4.98E-5	-2.99E-5
	CC17	-0.0427	0.2271	-0.1347	3.29E-4	-3.72E-5	1.77E-5
	CC18	0.0448	-0.2389	-0.0822	-3.53E-4	3.99E-5	-2.24E-5
	CC19	0.0395	-0.3270	-0.0700	-4.69E-4	5.26E-5	2.52E-5
	CC20	-0.0218	-0.3239	-0.0627	-4.74E-4	5.31E-5	3.60E-5
	CC21	-0.0271	-0.4119	-0.0505	-5.90E-4	6.58E-5	8.36E-5
792	CC1	0.0000	-0.0079	-0.1122	-1.47E-5	1.54E-6	-2.68E-6
	CC2	0.0000	-0.0079	-0.1122	-1.47E-5	1.54E-6	-2.68E-6
	CC3	0.0000	-0.0079	-0.1122	-1.47E-5	1.54E-6	-2.68E-6
	CC4	0.0003	-0.0072	-0.1098	-1.34E-5	1.39E-6	-2.27E-6
	CC5	0.0003	-0.0072	-0.1098	-1.34E-5	1.39E-6	-2.27E-6
	CC6	0.1230	0.2757	-0.1561	3.69E-4	-3.91E-5	-1.03E-4
	CC7	0.1213	0.2459	-0.1525	3.32E-4	-3.52E-5	-8.98E-5
	CC8	0.1285	0.0600	-0.1310	7.07E-5	-6.30E-6	-1.01E-4
	CC9	0.1268	0.0302	-0.1274	3.31E-5	-2.37E-6	-8.79E-5
	CC10	-0.1261	-0.0440	-0.0905	-5.91E-5	5.05E-6	8.36E-5
	CC11	-0.1278	-0.0739	-0.0869	-9.67E-5	8.98E-6	9.69E-5
	CC12	-0.1206	-0.2597	-0.0654	-3.58E-4	3.78E-5	8.55E-5
	CC13	-0.1223	-0.2896	-0.0618	-3.95E-4	4.18E-5	9.88E-5
	CC14	0.0314	0.4499	-0.1667	6.11E-4	-6.64E-5	-5.52E-5
	CC15	0.0257	0.3511	-0.1546	4.86E-4	-5.34E-5	-1.13E-5
	CC16	-0.0433	0.3540	-0.1470	4.82E-4	-5.32E-5	7.73E-7
	CC17	-0.0490	0.2552	-0.1349	3.58E-4	-4.02E-5	4.47E-5
	CC18	0.0497	-0.2690	-0.0830	-3.84E-4	4.28E-5	-4.89E-5
	CC19	0.0440	-0.3679	-0.0709	-5.08E-4	5.59E-5	-5.04E-6
	CC20	-0.0251	-0.3650	-0.0634	-5.12E-4	5.61E-5	7.06E-6
	CC21	-0.0307	-0.4638	-0.0512	-6.37E-4	6.91E-5	5.10E-5
793	CC1	-0.0009	-0.0090	-0.1126	-1.24E-5	1.64E-6	-3.18E-6
	CC2	-0.0009	-0.0090	-0.1126	-1.24E-5	1.64E-6	-3.18E-6
	CC3	-0.0009	-0.0090	-0.1126	-1.24E-5	1.64E-6	-3.18E-6
	CC4	-0.0006	-0.0082	-0.1101	-1.11E-5	1.48E-6	-2.67E-6
	CC5	-0.0006	-0.0082	-0.1101	-1.11E-5	1.48E-6	-2.67E-6
	CC6	0.1352	0.3064	-0.1564	3.33E-4	-3.03E-5	-9.98E-5
	CC7	0.1334	0.2733	-0.1527	2.99E-4	-2.72E-5	-8.64E-5
	CC8	0.1413	0.0665	-0.1313	6.58E-5	-4.46E-6	-1.11E-4
	CC9	0.1395	0.0334	-0.1277	3.15E-5	-1.37E-6	-9.77E-5

	CC10	-0.1404	-0.0492	-0.0909	-5.29E-5	4.23E-6	9.26E-5
	CC11	-0.1422	-0.0823	-0.0872	-8.71E-5	7.31E-6	1.06E-4
	CC12	-0.1343	-0.2892	-0.0659	-3.20E-4	3.01E-5	8.14E-5
	CC13	-0.1361	-0.3222	-0.0622	-3.55E-4	3.32E-5	9.48E-5
	CC14	0.0337	0.5001	-0.1668	5.50E-4	-5.19E-5	-3.48E-5
	CC15	0.0278	0.3906	-0.1548	4.36E-4	-4.17E-5	9.56E-6
	CC16	-0.0490	0.3934	-0.1472	4.34E-4	-4.16E-5	2.29E-5
	CC17	-0.0549	0.2839	-0.1351	3.20E-4	-3.14E-5	6.73E-5
	CC18	0.0540	-0.2997	-0.0835	-3.42E-4	3.42E-5	-7.23E-5
	CC19	0.0480	-0.4092	-0.0714	-4.55E-4	4.44E-5	-2.79E-5
	CC20	-0.0287	-0.4064	-0.0638	-4.58E-4	4.46E-5	-1.46E-5
	CC21	-0.0347	-0.5159	-0.0518	-5.71E-4	5.48E-5	2.98E-5
794	CC1	0.0053	-0.0194	-0.0949	-3.29E-5	0.00E+0	9.45E-6
	CC2	0.0053	-0.0194	-0.0949	-3.29E-5	0.00E+0	9.45E-6
	CC3	0.0053	-0.0194	-0.0949	-3.29E-5	0.00E+0	9.45E-6
	CC4	0.0050	-0.0181	-0.0921	-3.10E-5	0.00E+0	8.30E-6
	CC5	0.0050	-0.0181	-0.0921	-3.10E-5	0.00E+0	8.30E-6
	CC6	0.1225	0.0380	-0.0910	2.88E-5	2.60E-29	-1.28E-4
	CC7	0.1263	0.0377	-0.0908	3.06E-5	2.60E-29	-1.11E-4
	CC8	0.1366	-0.1639	-0.0530	-1.99E-4	1.04E-29	-9.80E-5
	CC9	0.1404	-0.1643	-0.0528	-1.98E-4	1.04E-29	-8.09E-5
	CC10	-0.1306	0.1289	-0.1296	1.37E-4	-1.04E-29	9.67E-5
	CC11	-0.1268	0.1285	-0.1294	1.39E-4	-1.04E-29	1.14E-4
	CC12	-0.1166	-0.0731	-0.0916	-9.12E-5	-2.60E-29	1.27E-4
	CC13	-0.1127	-0.0735	-0.0914	-8.95E-5	-2.60E-29	1.44E-4
	CC14	0.0131	0.3059	-0.1491	3.31E-4	3.14E-29	-1.04E-4
	CC15	0.0258	0.3047	-0.1484	3.37E-4	3.14E-29	-4.73E-5
	CC16	-0.0628	0.3331	-0.1607	3.63E-4	2.05E-29	-3.66E-5
	CC17	-0.0502	0.3319	-0.1600	3.69E-4	2.05E-29	2.01E-5
	CC18	0.0600	-0.3673	-0.0224	-4.30E-4	-2.05E-29	-4.32E-6
	CC19	0.0726	-0.3686	-0.0217	-4.24E-4	-2.05E-29	5.24E-5
	CC20	-0.0160	-0.3401	-0.0340	-3.97E-4	-3.14E-29	6.31E-5
	CC21	-0.0034	-0.3413	-0.0332	-3.92E-4	-3.14E-29	1.20E-4
795	CC1	0.0039	-0.0164	-0.0946	-3.38E-5	0.00E+0	7.58E-6
	CC2	0.0039	-0.0164	-0.0946	-3.38E-5	0.00E+0	7.58E-6
	CC3	0.0039	-0.0164	-0.0946	-3.38E-5	0.00E+0	7.58E-6
	CC4	0.0037	-0.0153	-0.0918	-3.18E-5	0.00E+0	6.62E-6
	CC5	0.0037	-0.0153	-0.0918	-3.18E-5	0.00E+0	6.62E-6
	CC6	0.1084	0.0356	-0.0890	2.79E-5	3.41E-29	-1.19E-4
	CC7	0.1118	0.0351	-0.0887	2.98E-5	3.41E-29	-1.03E-4
	CC8	0.1224	-0.1464	-0.0527	-2.09E-4	1.34E-29	-8.39E-5
	CC9	0.1258	-0.1470	-0.0524	-2.07E-4	1.34E-29	-6.82E-5
	CC10	-0.1186	0.1170	-0.1294	1.45E-4	-1.34E-29	8.08E-5
	CC11	-0.1152	0.1165	-0.1291	1.47E-4	-1.34E-29	9.65E-5
	CC12	-0.1046	-0.0651	-0.0931	-9.19E-5	-3.41E-29	1.16E-4
	CC13	-0.1012	-0.0656	-0.0928	-9.00E-5	-3.41E-29	1.32E-4
	CC14	0.0088	0.2772	-0.1459	3.43E-4	4.16E-29	-1.08E-4
	CC15	0.0198	0.2754	-0.1448	3.50E-4	4.16E-29	-5.63E-5
	CC16	-0.0593	0.3016	-0.1580	3.79E-4	2.73E-29	-4.83E-5
	CC17	-0.0483	0.2998	-0.1570	3.85E-4	2.73E-29	3.61E-6
	CC18	0.0555	-0.3298	-0.0248	-4.47E-4	-2.73E-29	8.99E-6
	CC19	0.0665	-0.3315	-0.0238	-4.41E-4	-2.73E-29	6.09E-5
	CC20	-0.0126	-0.3054	-0.0370	-4.12E-4	-4.16E-29	6.89E-5
	CC21	-0.0016	-0.3071	-0.0359	-4.05E-4	-4.16E-29	1.21E-4
796	CC1	0.0026	-0.0134	-0.0942	-3.36E-5	0.00E+0	4.99E-6
	CC2	0.0026	-0.0134	-0.0942	-3.36E-5	0.00E+0	4.99E-6
	CC3	0.0026	-0.0134	-0.0942	-3.36E-5	0.00E+0	4.99E-6
	CC4	0.0025	-0.0125	-0.0915	-3.15E-5	0.00E+0	4.26E-6
	CC5	0.0025	-0.0125	-0.0915	-3.15E-5	0.00E+0	4.26E-6
	CC6	0.0964	0.0335	-0.0857	3.06E-5	3.57E-29	-1.09E-4
	CC7	0.0993	0.0328	-0.0852	3.22E-5	3.57E-29	-9.47E-5
	CC8	0.1089	-0.1283	-0.0521	-2.22E-4	1.41E-29	-8.09E-5
	CC9	0.1118	-0.1290	-0.0516	-2.20E-4	1.41E-29	-6.67E-5
	CC10	-0.1068	0.1046	-0.1295	1.58E-4	-1.41E-29	7.48E-5
	CC11	-0.1039	0.1039	-0.1290	1.60E-4	-1.41E-29	8.89E-5
	CC12	-0.0943	-0.0573	-0.0959	-9.38E-5	-3.57E-29	1.03E-4
	CC13	-0.0914	-0.0579	-0.0954	-9.22E-5	-3.57E-29	1.17E-4
	CC14	0.0074	0.2479	-0.1408	3.68E-4	4.35E-29	-9.36E-5
	CC15	0.0170	0.2457	-0.1392	3.73E-4	4.35E-29	-4.67E-5
	CC16	-0.0536	0.2692	-0.1540	4.06E-4	2.86E-29	-3.85E-5
	CC17	-0.0440	0.2670	-0.1523	4.11E-4	2.86E-29	8.43E-6
	CC18	0.0490	-0.2915	-0.0287	-4.73E-4	-2.86E-29	-3.84E-7

	CC19	0.0586	-0.2937	-0.0271	-4.68E-4	-2.86E-29	4.66E-5
	CC20	-0.0120	-0.2701	-0.0419	-4.35E-4	-4.35E-29	5.47E-5
	CC21	-0.0024	-0.2723	-0.0403	-4.29E-4	-4.35E-29	1.02E-4
797	CC1	0.0026	-0.0127	-0.0952	-2.53E-5	0.00E+0	3.00E-6
	CC2	0.0026	-0.0127	-0.0952	-2.53E-5	0.00E+0	3.00E-6
	CC3	0.0026	-0.0127	-0.0952	-2.53E-5	0.00E+0	3.00E-6
	CC4	0.0026	-0.0118	-0.0924	-2.34E-5	0.00E+0	2.46E-6
	CC5	0.0026	-0.0118	-0.0924	-2.34E-5	0.00E+0	2.46E-6
	CC6	0.0978	0.0471	-0.0716	6.54E-5	4.20E-29	-9.89E-5
	CC7	0.1008	0.0449	-0.0703	6.42E-5	4.20E-29	-8.57E-5
	CC8	0.1085	-0.1164	-0.0540	-1.99E-4	1.66E-29	-9.69E-5
	CC9	0.1114	-0.1187	-0.0527	-2.00E-4	1.66E-29	-8.37E-5
	CC10	-0.1061	0.0957	-0.1302	1.54E-4	-1.66E-29	8.82E-5
	CC11	-0.1031	0.0934	-0.1289	1.53E-4	-1.66E-29	1.01E-4
	CC12	-0.0954	-0.0678	-0.1126	-1.10E-4	-4.20E-29	9.03E-5
	CC13	-0.0925	-0.0701	-0.1113	-1.11E-4	-4.20E-29	1.03E-4
	CC14	0.0106	0.2576	-0.1140	4.06E-4	5.12E-29	-5.10E-5
	CC15	0.0203	0.2500	-0.1098	4.02E-4	5.12E-29	-7.43E-6
	CC16	-0.0506	0.2722	-0.1316	4.33E-4	3.36E-29	5.15E-6
	CC17	-0.0408	0.2646	-0.1274	4.28E-4	3.36E-29	4.87E-5
	CC18	0.0462	-0.2876	-0.0555	-4.74E-4	-3.36E-29	-4.42E-5
	CC19	0.0559	-0.2952	-0.0513	-4.78E-4	-3.36E-29	-5.99E-7
	CC20	-0.0150	-0.2730	-0.0731	-4.47E-4	-5.12E-29	1.20E-5
	CC21	-0.0053	-0.2806	-0.0689	-4.51E-4	-5.12E-29	5.55E-5
798	CC1	0.0034	-0.0148	-0.0956	-2.21E-5	0.00E+0	7.62E-7
	CC2	0.0034	-0.0148	-0.0956	-2.21E-5	0.00E+0	7.62E-7
	CC3	0.0034	-0.0148	-0.0956	-2.21E-5	0.00E+0	7.62E-7
	CC4	0.0035	-0.0137	-0.0927	-2.04E-5	0.00E+0	3.98E-7
	CC5	0.0035	-0.0137	-0.0927	-2.04E-5	0.00E+0	3.98E-7
	CC6	0.1102	0.0524	-0.0685	6.95E-5	3.05E-29	-1.19E-4
	CC7	0.1135	0.0500	-0.0671	6.85E-5	3.05E-29	-1.04E-4
	CC8	0.1218	-0.1330	-0.0516	-1.93E-4	1.20E-29	-1.07E-4
	CC9	0.1252	-0.1353	-0.0502	-1.94E-4	1.20E-29	-9.19E-5
	CC10	-0.1181	0.1086	-0.1333	1.54E-4	-1.20E-29	9.25E-5
	CC11	-0.1147	0.1063	-0.1319	1.53E-4	-1.20E-29	1.08E-4
	CC12	-0.1064	-0.0767	-0.1164	-1.08E-4	-3.05E-29	1.05E-4
	CC13	-0.1030	-0.0791	-0.1150	-1.09E-4	-3.05E-29	1.20E-4
	CC14	0.0128	0.2910	-0.1126	4.06E-4	3.72E-29	-7.71E-5
	CC15	0.0240	0.2832	-0.1079	4.03E-4	3.72E-29	-2.69E-5
	CC16	-0.0557	0.3079	-0.1320	4.32E-4	2.45E-29	-1.36E-5
	CC17	-0.0445	0.3000	-0.1273	4.29E-4	2.45E-29	3.67E-5
	CC18	0.0516	-0.3267	-0.0562	-4.68E-4	-2.45E-29	-3.61E-5
	CC19	0.0628	-0.3346	-0.0515	-4.72E-4	-2.45E-29	1.41E-5
	CC20	-0.0168	-0.3099	-0.0756	-4.43E-4	-3.72E-29	2.74E-5
	CC21	-0.0056	-0.3177	-0.0709	-4.46E-4	-3.72E-29	7.77E-5
799	CC1	0.0044	-0.0174	-0.0958	-3.75E-5	0.00E+0	-3.59E-8
	CC2	0.0044	-0.0174	-0.0958	-3.75E-5	0.00E+0	-3.59E-8
	CC3	0.0044	-0.0174	-0.0958	-3.75E-5	0.00E+0	-3.59E-8
	CC4	0.0045	-0.0162	-0.0929	-3.49E-5	0.00E+0	-3.08E-7
	CC5	0.0045	-0.0162	-0.0929	-3.49E-5	0.00E+0	-3.08E-7
	CC6	0.1233	0.0570	-0.0670	3.90E-5	3.81E-29	-1.38E-4
	CC7	0.1272	0.0546	-0.0654	3.82E-5	3.81E-29	-1.21E-4
	CC8	0.1359	-0.1491	-0.0504	-1.83E-4	1.49E-29	-1.14E-4
	CC9	0.1397	-0.1516	-0.0489	-1.84E-4	1.49E-29	-9.67E-5
	CC10	-0.1307	0.1201	-0.1351	1.16E-4	-1.49E-29	9.59E-5
	CC11	-0.1268	0.1177	-0.1335	1.15E-4	-1.49E-29	1.13E-4
	CC12	-0.1181	-0.0860	-0.1185	-1.06E-4	-3.81E-29	1.20E-4
	CC13	-0.1143	-0.0885	-0.1170	-1.07E-4	-3.81E-29	1.37E-4
	CC14	0.0153	0.3224	-0.1119	3.26E-4	4.65E-29	-1.04E-4
	CC15	0.0281	0.3143	-0.1069	3.23E-4	4.65E-29	-4.71E-5
	CC16	-0.0609	0.3413	-0.1323	3.49E-4	3.06E-29	-3.35E-5
	CC17	-0.0481	0.3332	-0.1273	3.46E-4	3.06E-29	2.30E-5
	CC18	0.0572	-0.3647	-0.0566	-4.14E-4	-3.06E-29	-2.38E-5
	CC19	0.0699	-0.3728	-0.0516	-4.17E-4	-3.06E-29	3.27E-5
	CC20	-0.0190	-0.3458	-0.0771	-3.91E-4	-4.65E-29	4.63E-5
	CC21	-0.0063	-0.3538	-0.0721	-3.94E-4	-4.65E-29	1.03E-4
800	CC1	0.0026	-0.0131	-0.0935	-3.15E-5	0.00E+0	5.25E-6
	CC2	0.0026	-0.0131	-0.0935	-3.15E-5	0.00E+0	5.25E-6
	CC3	0.0026	-0.0131	-0.0935	-3.15E-5	0.00E+0	5.25E-6
	CC4	0.0025	-0.0123	-0.0908	-2.96E-5	0.00E+0	4.53E-6
	CC5	0.0025	-0.0123	-0.0908	-2.96E-5	0.00E+0	4.53E-6
	CC6	0.0961	0.0273	-0.0788	2.52E-5	2.92E-29	-1.09E-4

	CC7	0.0990	0.0274	-0.0781	2.76E-5	2.92E-29	-9.45E-5
	CC8	0.1089	-0.1329	-0.0432	-2.18E-4	1.16E-29	-7.80E-5
	CC9	0.1117	-0.1327	-0.0425	-2.16E-4	1.16E-29	-6.38E-5
	CC10	-0.1068	0.1087	-0.1373	1.58E-4	-1.16E-29	7.24E-5
	CC11	-0.1039	0.1089	-0.1366	1.60E-4	-1.16E-29	8.65E-5
	CC12	-0.0941	-0.0514	-0.1017	-8.56E-5	-2.92E-29	1.03E-4
	CC13	-0.0912	-0.0513	-0.1010	-8.32E-5	-2.92E-29	1.17E-4
	CC14	0.0069	0.2424	-0.1416	3.53E-4	3.54E-29	-9.75E-5
	CC15	0.0165	0.2430	-0.1392	3.61E-4	3.54E-29	-5.06E-5
	CC16	-0.0540	0.2669	-0.1592	3.92E-4	2.32E-29	-4.31E-5
	CC17	-0.0444	0.2674	-0.1568	4.00E-4	2.32E-29	3.69E-6
	CC18	0.0493	-0.2914	-0.0230	-4.58E-4	-2.32E-29	4.88E-6
	CC19	0.0589	-0.2909	-0.0206	-4.50E-4	-2.32E-29	5.17E-5
	CC20	-0.0116	-0.2669	-0.0405	-4.19E-4	-3.54E-29	5.92E-5
	CC21	-0.0020	-0.2664	-0.0382	-4.11E-4	-3.54E-29	1.06E-4
801	CC1	0.0038	-0.0159	-0.0937	-3.28E-5	0.00E+0	7.89E-6
	CC2	0.0038	-0.0159	-0.0937	-3.28E-5	0.00E+0	7.89E-6
	CC3	0.0038	-0.0159	-0.0937	-3.28E-5	0.00E+0	7.89E-6
	CC4	0.0036	-0.0149	-0.0910	-3.08E-5	0.00E+0	6.91E-6
	CC5	0.0036	-0.0149	-0.0910	-3.08E-5	0.00E+0	6.91E-6
	CC6	0.1082	0.0289	-0.0807	2.29E-5	4.23E-29	-1.18E-4
	CC7	0.1115	0.0293	-0.0801	2.56E-5	4.23E-29	-1.02E-4
	CC8	0.1224	-0.1511	-0.0436	-2.16E-4	1.68E-29	-8.28E-5
	CC9	0.1257	-0.1507	-0.0430	-2.13E-4	1.68E-29	-6.72E-5
	CC10	-0.1186	0.1215	-0.1372	1.52E-4	-1.68E-29	8.04E-5
	CC11	-0.1153	0.1219	-0.1367	1.55E-4	-1.68E-29	9.60E-5
	CC12	-0.1044	-0.0585	-0.1001	-8.59E-5	-4.23E-29	1.15E-4
	CC13	-0.1011	-0.0581	-0.0995	-8.33E-5	-4.23E-29	1.31E-4
	CC14	0.0085	0.2710	-0.1446	3.43E-4	5.14E-29	-1.07E-4
	CC15	0.0194	0.2722	-0.1426	3.52E-4	5.14E-29	-5.56E-5
	CC16	-0.0596	0.2987	-0.1615	3.82E-4	3.37E-29	-4.76E-5
	CC17	-0.0486	0.3000	-0.1596	3.91E-4	3.37E-29	3.85E-6
	CC18	0.0557	-0.3292	-0.0207	-4.51E-4	-3.37E-29	9.33E-6
	CC19	0.0667	-0.3280	-0.0187	-4.43E-4	-3.37E-29	6.08E-5
	CC20	-0.0123	-0.3014	-0.0376	-4.13E-4	-5.14E-29	6.88E-5
	CC21	-0.0013	-0.3002	-0.0357	-4.04E-4	-5.14E-29	1.20E-4
802	CC1	0.0053	-0.0188	-0.0939	-3.21E-5	0.00E+0	9.63E-6
	CC2	0.0053	-0.0188	-0.0939	-3.21E-5	0.00E+0	9.63E-6
	CC3	0.0053	-0.0188	-0.0939	-3.21E-5	0.00E+0	9.63E-6
	CC4	0.0050	-0.0176	-0.0912	-3.02E-5	0.00E+0	8.46E-6
	CC5	0.0050	-0.0176	-0.0912	-3.02E-5	0.00E+0	8.46E-6
	CC6	0.1224	0.0308	-0.0819	2.32E-5	1.71E-31	-1.27E-4
	CC7	0.1262	0.0314	-0.0814	2.59E-5	1.71E-31	-1.10E-4
	CC8	0.1366	-0.1695	-0.0438	-2.09E-4	6.87E-32	-9.73E-5
	CC9	0.1404	-0.1689	-0.0433	-2.06E-4	6.87E-32	-8.02E-5
	CC10	-0.1306	0.1344	-0.1373	1.47E-4	-6.87E-32	9.63E-5
	CC11	-0.1268	0.1350	-0.1367	1.50E-4	-6.87E-32	1.13E-4
	CC12	-0.1165	-0.0659	-0.0992	-8.50E-5	-1.71E-31	1.26E-4
	CC13	-0.1127	-0.0653	-0.0987	-8.24E-5	-1.71E-31	1.43E-4
	CC14	0.0130	0.3000	-0.1463	3.34E-4	2.07E-31	-1.04E-4
	CC15	0.0256	0.3020	-0.1446	3.43E-4	2.07E-31	-4.74E-5
	CC16	-0.0629	0.3311	-0.1629	3.71E-4	1.35E-31	-3.68E-5
	CC17	-0.0503	0.3331	-0.1612	3.80E-4	1.35E-31	1.97E-5
	CC18	0.0601	-0.3676	-0.0194	-4.39E-4	-1.35E-31	-3.62E-5
	CC19	0.0727	-0.3656	-0.0177	-4.30E-4	-1.35E-31	5.30E-5
	CC20	-0.0158	-0.3365	-0.0360	-4.02E-4	-2.07E-31	6.35E-5
	CC21	-0.0032	-0.3345	-0.0343	-3.93E-4	-2.07E-31	1.20E-4
803	CC1	0.0026	-0.0129	-0.0958	-2.76E-5	0.00E+0	3.71E-6
	CC2	0.0026	-0.0129	-0.0958	-2.76E-5	0.00E+0	3.71E-6
	CC3	0.0026	-0.0129	-0.0958	-2.76E-5	0.00E+0	3.71E-6
	CC4	0.0027	-0.0120	-0.0930	-2.56E-5	0.00E+0	3.15E-6
	CC5	0.0027	-0.0120	-0.0930	-2.56E-5	0.00E+0	3.15E-6
	CC6	0.0976	0.0529	-0.0790	7.00E-5	2.86E-29	-9.86E-5
	CC7	0.1005	0.0498	-0.0780	6.78E-5	2.86E-29	-8.54E-5
	CC8	0.1083	-0.1107	-0.0625	-1.91E-4	1.13E-29	-9.67E-5
	CC9	0.1112	-0.1137	-0.0615	-1.94E-4	1.13E-29	-8.35E-5
	CC10	-0.1058	0.0904	-0.1226	1.44E-4	-1.13E-29	8.94E-5
	CC11	-0.1029	0.0873	-0.1216	1.41E-4	-1.13E-29	1.03E-4
	CC12	-0.0951	-0.0732	-0.1061	-1.18E-4	-2.86E-29	9.14E-5
	CC13	-0.0922	-0.0762	-0.1051	-1.20E-4	-2.86E-29	1.05E-4
	CC14	0.0106	0.2604	-0.1148	4.03E-4	3.48E-29	-5.03E-5
	CC15	0.0202	0.2503	-0.1114	3.96E-4	3.48E-29	-6.57E-6

	CC16	-0.0505	0.2717	-0.1279	4.25E-4	2.28E-29	6.13E-6
	CC17	-0.0408	0.2615	-0.1244	4.18E-4	2.28E-29	4.98E-5
	CC18	0.0462	-0.2848	-0.0597	-4.68E-4	-2.28E-29	-4.39E-5
	CC19	0.0559	-0.2950	-0.0563	-4.75E-4	-2.28E-29	-2.01E-7
	CC20	-0.0148	-0.2736	-0.0727	-4.46E-4	-3.48E-29	1.25E-5
	CC21	-0.0052	-0.2838	-0.0693	-4.53E-4	-3.48E-29	5.62E-5
804	CC1	0.0035	-0.0148	-0.0962	-1.73E-5	0.00E+0	2.48E-7
	CC2	0.0035	-0.0148	-0.0962	-1.73E-5	0.00E+0	2.48E-7
	CC3	0.0035	-0.0148	-0.0962	-1.73E-5	0.00E+0	2.48E-7
	CC4	0.0036	-0.0137	-0.0933	-1.59E-5	0.00E+0	-1.31E-7
	CC5	0.0036	-0.0137	-0.0933	-1.59E-5	0.00E+0	-1.31E-7
	CC6	0.1100	0.0595	-0.0769	8.73E-5	1.25E-29	-1.22E-4
	CC7	0.1134	0.0562	-0.0758	8.52E-5	1.25E-29	-1.06E-4
	CC8	0.1217	-0.1267	-0.0608	-1.89E-4	5.03E-3	-1.06E-4
	CC9	0.1251	-0.1299	-0.0596	-1.91E-4	5.03E-3	-9.09E-5
	CC10	-0.1179	0.1032	-0.1251	1.60E-4	-5.03E-3	9.04E-5
	CC11	-0.1145	0.0999	-0.1240	1.58E-4	-5.03E-3	1.06E-4
	CC12	-0.1062	-0.0829	-0.1090	-1.16E-4	-1.25E-29	1.06E-4
	CC13	-0.1028	-0.0862	-0.1078	-1.18E-4	-1.25E-29	1.21E-4
	CC14	0.0127	0.2958	-0.1140	4.38E-4	1.50E-29	-8.30E-5
	CC15	0.0239	0.2849	-0.1102	4.31E-4	1.50E-29	-3.23E-5
	CC16	-0.0557	0.3089	-0.1284	4.60E-4	9.76E-3	-1.94E-5
	CC17	-0.0445	0.2980	-0.1246	4.53E-4	9.76E-3	3.13E-5
	CC18	0.0517	-0.3247	-0.0601	-4.83E-4	-9.76E-3	-3.18E-5
	CC19	0.0628	-0.3356	-0.0563	-4.90E-4	-9.76E-3	1.89E-5
	CC20	-0.0167	-0.3116	-0.0746	-4.61E-4	-1.50E-29	3.18E-5
	CC21	-0.0055	-0.3225	-0.0708	-4.69E-4	-1.50E-29	8.25E-5
805	CC1	0.0044	-0.0173	-0.0965	-4.16E-5	0.00E+0	-3.47E-6
	CC2	0.0044	-0.0173	-0.0965	-4.16E-5	0.00E+0	-3.47E-6
	CC3	0.0044	-0.0173	-0.0965	-4.16E-5	0.00E+0	-3.47E-6
	CC4	0.0045	-0.0160	-0.0936	-3.88E-5	0.00E+0	-3.51E-6
	CC5	0.0045	-0.0160	-0.0936	-3.88E-5	0.00E+0	-3.51E-6
	CC6	0.1232	0.0653	-0.0758	4.06E-5	4.15E-29	-1.42E-4
	CC7	0.1271	0.0619	-0.0745	3.90E-5	4.15E-29	-1.25E-4
	CC8	0.1358	-0.1424	-0.0598	-1.80E-4	1.63E-29	-1.15E-4
	CC9	0.1397	-0.1458	-0.0586	-1.81E-4	1.63E-29	-9.75E-5
	CC10	-0.1306	0.1146	-0.1267	1.05E-4	-1.63E-29	9.04E-5
	CC11	-0.1267	0.1112	-0.1255	1.04E-4	-1.63E-29	1.08E-4
	CC12	-0.1180	-0.0931	-0.1108	-1.15E-4	-4.15E-29	1.18E-4
	CC13	-0.1142	-0.0965	-0.1095	-1.16E-4	-4.15E-29	1.35E-4
	CC14	0.0153	0.3289	-0.1136	3.22E-4	5.07E-29	-1.13E-4
	CC15	0.0280	0.3174	-0.1096	3.17E-4	5.07E-29	-5.65E-5
	CC16	-0.0609	0.3437	-0.1288	3.42E-4	3.34E-29	-4.33E-5
	CC17	-0.0481	0.3322	-0.1248	3.36E-4	3.34E-29	1.33E-5
	CC18	0.0572	-0.3634	-0.0605	-4.12E-4	-3.34E-29	-2.04E-5
	CC19	0.0699	-0.3749	-0.0565	-4.17E-4	-3.34E-29	3.62E-5
	CC20	-0.0189	-0.3486	-0.0758	-3.93E-4	-5.07E-29	4.95E-5
	CC21	-0.0062	-0.3601	-0.0717	-3.98E-4	-5.07E-29	1.06E-4
806	CC1	0.0027	-0.0096	-0.0929	0.00E+0	-2.11E-5	-3.60E-6
	CC2	0.0027	-0.0096	-0.0929	0.00E+0	-2.11E-5	-3.60E-6
	CC3	0.0027	-0.0096	-0.0929	0.00E+0	-2.11E-5	-3.60E-6
	CC4	0.0025	-0.0090	-0.0907	0.00E+0	-1.97E-5	-3.12E-6
	CC5	0.0025	-0.0090	-0.0907	0.00E+0	-1.97E-5	-3.12E-6
	CC6	0.1210	-0.2313	-0.0685	1.06E-29	-1.89E-4	-1.07E-4
	CC7	0.1167	-0.1979	-0.0675	1.06E-29	-1.83E-4	-9.39E-5
	CC8	0.1226	-0.3500	-0.0746	4.23E-3	-1.91E-4	-8.75E-5
	CC9	0.1183	-0.3166	-0.0736	4.23E-3	-1.86E-4	-7.46E-5
	CC10	-0.1134	0.2991	-0.1065	-4.23E-3	1.48E-4	6.87E-5
	CC11	-0.1177	0.3325	-0.1055	-4.23E-3	1.53E-4	8.16E-5
	CC12	-0.1118	0.1804	-0.1126	-1.06E-29	1.45E-4	8.79E-5
	CC13	-0.1161	0.2138	-0.1116	-1.06E-29	1.50E-4	1.01E-4
	CC14	0.0421	0.0543	-0.0758	1.28E-29	-7.34E-5	-8.26E-5
	CC15	0.0279	0.1647	-0.0726	1.28E-29	-5.67E-5	-4.01E-5
	CC16	-0.0282	0.2134	-0.0872	8.35E-3	2.75E-5	-3.00E-5
	CC17	-0.0424	0.3238	-0.0840	8.35E-3	4.42E-5	1.25E-5
	CC18	0.0473	-0.3413	-0.0961	-8.35E-3	-8.26E-5	-1.85E-5
	CC19	0.0331	-0.2309	-0.0929	-8.35E-3	-6.59E-5	2.41E-5
	CC20	-0.0230	-0.1822	-0.1075	-1.28E-29	1.83E-5	3.42E-5
	CC21	-0.0372	-0.0718	-0.1043	-1.28E-29	3.51E-5	7.67E-5
807	CC1	0.0025	-0.0095	-0.0911	0.00E+0	-1.78E-5	-1.44E-6
	CC2	0.0025	-0.0095	-0.0911	0.00E+0	-1.78E-5	-1.44E-6
	CC3	0.0025	-0.0095	-0.0911	0.00E+0	-1.78E-5	-1.44E-6

	CC4	0.0023	-0.0089	-0.0891	0.00E+0	-1.67E-5	-1.12E-6
	CC5	0.0023	-0.0089	-0.0891	0.00E+0	-1.67E-5	-1.12E-6
	CC6	0.1167	-0.2313	-0.0605	1.57E-29	-1.83E-4	-1.09E-4
	CC7	0.1136	-0.1979	-0.0637	1.57E-29	-1.79E-4	-9.51E-5
	CC8	0.1199	-0.3500	-0.0495	6.11E-3	-1.88E-4	-9.13E-5
	CC9	0.1169	-0.3166	-0.0528	6.11E-3	-1.84E-4	-7.77E-5
	CC10	-0.1124	0.2992	-0.1240	-6.11E-3	1.52E-4	7.57E-5
	CC11	-0.1154	0.3325	-0.1273	-6.11E-3	1.55E-4	8.93E-5
	CC12	-0.1091	0.1805	-0.1131	-1.57E-29	1.46E-4	9.31E-5
	CC13	-0.1122	0.2138	-0.1163	-1.57E-29	1.50E-4	1.07E-4
	CC14	0.0362	0.0543	-0.0917	1.92E-29	-6.35E-5	-8.02E-5
	CC15	0.0262	0.1647	-0.1025	1.92E-29	-5.18E-5	-3.53E-5
	CC16	-0.0325	0.2134	-0.1108	1.27E-29	3.68E-5	-2.48E-5
	CC17	-0.0425	0.3239	-0.1216	1.27E-29	4.85E-5	2.00E-5
	CC18	0.0470	-0.3413	-0.0552	-1.27E-29	-8.12E-5	-2.20E-5
	CC19	0.0370	-0.2309	-0.0660	-1.27E-29	-6.95E-5	2.28E-5
	CC20	-0.0217	-0.1822	-0.0743	-1.92E-29	1.91E-5	3.33E-5
	CC21	-0.0317	-0.0718	-0.0851	-1.92E-29	3.08E-5	7.81E-5
808	CC1	0.0065	-0.0131	-0.0933	0.00E+0	-2.28E-5	-7.16E-6
	CC2	0.0065	-0.0131	-0.0933	0.00E+0	-2.28E-5	-7.16E-6
	CC3	0.0065	-0.0131	-0.0933	0.00E+0	-2.28E-5	-7.16E-6
	CC4	0.0060	-0.0122	-0.0911	0.00E+0	-2.13E-5	-6.31E-6
	CC5	0.0060	-0.0122	-0.0911	0.00E+0	-2.13E-5	-6.31E-6
	CC6	0.1526	-0.2905	-0.0686	1.51E-29	-1.82E-4	-1.43E-4
	CC7	0.1474	-0.2484	-0.0676	1.51E-29	-1.77E-4	-1.26E-4
	CC8	0.1544	-0.4425	-0.0750	5.94E-3	-1.87E-4	-1.25E-4
	CC9	0.1492	-0.4005	-0.0739	5.94E-3	-1.81E-4	-1.07E-4
	CC10	-0.1374	0.3766	-0.1068	-5.94E-3	1.39E-4	9.53E-5
	CC11	-0.1427	0.4186	-0.1058	-5.94E-3	1.45E-4	1.13E-4
	CC12	-0.1356	0.2245	-0.1132	-1.51E-29	1.35E-4	1.14E-4
	CC13	-0.1409	0.2666	-0.1122	-1.51E-29	1.41E-4	1.31E-4
	CC14	0.0550	0.0718	-0.0757	1.84E-29	-7.12E-5	-1.02E-4
	CC15	0.0376	0.2110	-0.0723	1.84E-29	-5.32E-5	-4.45E-5
	CC16	-0.0320	0.2719	-0.0872	1.21E-29	2.54E-5	-3.01E-5
	CC17	-0.0494	0.4111	-0.0838	1.21E-29	4.34E-5	2.71E-5
	CC18	0.0611	-0.4350	-0.0970	-1.21E-29	-8.50E-5	-3.92E-5
	CC19	0.0437	-0.2958	-0.0936	-1.21E-29	-6.70E-5	1.81E-5
	CC20	-0.0259	-0.2349	-0.1084	-1.84E-29	1.16E-5	3.24E-5
	CC21	-0.0433	-0.0957	-0.1051	-1.84E-29	2.96E-5	8.97E-5
809	CC1	0.0046	-0.0113	-0.0931	0.00E+0	-2.08E-5	-4.88E-6
	CC2	0.0046	-0.0113	-0.0931	0.00E+0	-2.08E-5	-4.88E-6
	CC3	0.0046	-0.0113	-0.0931	0.00E+0	-2.08E-5	-4.88E-6
	CC4	0.0042	-0.0106	-0.0910	0.00E+0	-1.94E-5	-4.23E-6
	CC5	0.0042	-0.0106	-0.0910	0.00E+0	-1.94E-5	-4.23E-6
	CC6	0.1369	-0.2607	-0.0685	2.23E-29	-1.87E-4	-1.24E-4
	CC7	0.1321	-0.2230	-0.0675	2.23E-29	-1.81E-4	-1.09E-4
	CC8	0.1385	-0.3957	-0.0748	8.94E-3	-1.92E-4	-1.04E-4
	CC9	0.1338	-0.3580	-0.0738	8.94E-3	-1.86E-4	-8.94E-5
	CC10	-0.1255	0.3374	-0.1067	-8.94E-3	1.48E-4	8.13E-5
	CC11	-0.1303	0.3751	-0.1057	-8.94E-3	1.54E-4	9.62E-5
	CC12	-0.1239	0.2023	-0.1130	-2.23E-29	1.43E-4	1.01E-4
	CC13	-0.1286	0.2400	-0.1120	-2.23E-29	1.49E-4	1.16E-4
	CC14	0.0486	0.0627	-0.0757	2.70E-29	-7.04E-5	-9.22E-5
	CC15	0.0328	0.1874	-0.0724	2.70E-29	-5.18E-5	-4.29E-5
	CC16	-0.0301	0.2421	-0.0872	1.76E-29	3.02E-5	-3.06E-5
	CC17	-0.0459	0.3668	-0.0839	1.76E-29	4.88E-5	1.87E-5
	CC18	0.0541	-0.3875	-0.0966	-1.76E-29	-8.67E-5	-2.67E-5
	CC19	0.0384	-0.2627	-0.0933	-1.76E-29	-6.80E-5	2.26E-5
	CC20	-0.0246	-0.2081	-0.1081	-2.70E-29	1.39E-5	3.49E-5
	CC21	-0.0403	-0.0833	-0.1048	-2.70E-29	3.25E-5	8.41E-5
810	CC1	0.0041	-0.0113	-0.0913	0.00E+0	-1.85E-5	-4.87E-6
	CC2	0.0041	-0.0113	-0.0913	0.00E+0	-1.85E-5	-4.87E-6
	CC3	0.0041	-0.0113	-0.0913	0.00E+0	-1.85E-5	-4.87E-6
	CC4	0.0038	-0.0106	-0.0893	0.00E+0	-1.74E-5	-4.22E-6
	CC5	0.0038	-0.0106	-0.0893	0.00E+0	-1.74E-5	-4.22E-6
	CC6	0.1319	-0.2606	-0.0605	2.02E-29	-1.78E-4	-1.24E-4
	CC7	0.1286	-0.2230	-0.0638	2.02E-29	-1.74E-4	-1.09E-4
	CC8	0.1354	-0.3957	-0.0494	8.01E-3	-1.82E-4	-1.05E-4
	CC9	0.1320	-0.3580	-0.0527	8.01E-3	-1.79E-4	-8.98E-5
	CC10	-0.1246	0.3374	-0.1244	-8.01E-3	1.45E-4	8.17E-5
	CC11	-0.1279	0.3750	-0.1277	-8.01E-3	1.48E-4	9.69E-5
	CC12	-0.1211	0.2023	-0.1134	-2.02E-29	1.40E-4	1.01E-4

	CC13	-0.1244	0.2400	-0.1167	-2.02E-29	1.44E-4	1.16E-4
	CC14	0.0419	0.0627	-0.0920	2.46E-29	-6.27E-5	-9.17E-5
	CC15	0.0309	0.1874	-0.1029	2.46E-29	-5.21E-5	-4.17E-5
	CC16	-0.0350	0.2421	-0.1111	1.61E-29	3.41E-5	-3.00E-5
	CC17	-0.0461	0.3668	-0.1221	1.61E-29	4.48E-5	2.00E-5
	CC18	0.0535	-0.3874	-0.0551	-1.61E-29	-7.87E-5	-2.81E-5
	CC19	0.0425	-0.2627	-0.0660	-1.61E-29	-6.81E-5	2.20E-5
	CC20	-0.0234	-0.2080	-0.0743	-2.46E-29	1.81E-5	3.37E-5
	CC21	-0.0344	-0.0833	-0.0852	-2.46E-29	2.88E-5	8.37E-5
811	CC1	0.0058	-0.0130	-0.0914	0.00E+0	-1.95E-5	-7.94E-6
	CC2	0.0058	-0.0130	-0.0914	0.00E+0	-1.95E-5	-7.94E-6
	CC3	0.0058	-0.0130	-0.0914	0.00E+0	-1.95E-5	-7.94E-6
	CC4	0.0054	-0.0122	-0.0894	0.00E+0	-1.83E-5	-7.03E-6
	CC5	0.0054	-0.0122	-0.0894	0.00E+0	-1.83E-5	-7.03E-6
	CC6	0.1467	-0.2904	-0.0605	5.86E-3	-1.71E-4	-1.41E-4
	CC7	0.1431	-0.2484	-0.0638	5.86E-3	-1.68E-4	-1.24E-4
	CC8	0.1504	-0.4425	-0.0494	2.37E-3	-1.76E-4	-1.21E-4
	CC9	0.1468	-0.4004	-0.0527	2.37E-3	-1.73E-4	-1.04E-4
	CC10	-0.1363	0.3766	-0.1247	-2.37E-3	1.37E-4	9.07E-5
	CC11	-0.1399	0.4186	-0.1280	-2.37E-3	1.40E-4	1.08E-4
	CC12	-0.1326	0.2245	-0.1135	-5.86E-3	1.32E-4	1.11E-4
	CC13	-0.1362	0.2666	-0.1169	-5.86E-3	1.35E-4	1.28E-4
	CC14	0.0476	0.0718	-0.0921	7.04E-3	-6.16E-5	-1.03E-4
	CC15	0.0356	0.2110	-0.1031	7.04E-3	-5.10E-5	-4.64E-5
	CC16	-0.0373	0.2719	-0.1114	4.57E-3	3.08E-5	-3.31E-5
	CC17	-0.0493	0.4111	-0.1223	4.57E-3	4.14E-5	2.31E-5
	CC18	0.0598	-0.4350	-0.0550	-4.57E-3	-7.71E-5	-3.66E-5
	CC19	0.0478	-0.2958	-0.0660	-4.57E-3	-6.65E-5	1.97E-5
	CC20	-0.0251	-0.2348	-0.0743	-7.04E-3	1.53E-5	3.29E-5
	CC21	-0.0371	-0.0957	-0.0852	-7.04E-3	2.59E-5	8.92E-5
812	CC1	-0.0015	-0.0088	-0.1138	-4.21E-6	1.19E-5	4.27E-6
	CC2	-0.0015	-0.0088	-0.1138	-4.21E-6	1.19E-5	4.27E-6
	CC3	-0.0015	-0.0088	-0.1138	-4.21E-6	1.19E-5	4.27E-6
	CC4	-0.0012	-0.0080	-0.1112	-3.62E-6	1.12E-5	4.18E-6
	CC5	-0.0012	-0.0080	-0.1112	-3.62E-6	1.12E-5	4.18E-6
	CC6	0.1477	0.3144	-0.1311	8.25E-5	-1.35E-4	-1.44E-4
	CC7	0.1419	0.2802	-0.1338	7.39E-5	-1.32E-4	-1.25E-4
	CC8	0.1487	0.0751	-0.1579	1.93E-5	-1.56E-4	-1.18E-4
	CC9	0.1429	0.0410	-0.1606	1.06E-5	-1.54E-4	-9.90E-5
	CC10	-0.1450	-0.0564	-0.0600	-1.75E-5	1.76E-4	1.07E-4
	CC11	-0.1508	-0.0906	-0.0627	-2.61E-5	1.78E-4	1.26E-4
	CC12	-0.1440	-0.2957	-0.0868	-8.08E-5	1.54E-4	1.33E-4
	CC13	-0.1498	-0.3299	-0.0895	-8.94E-5	1.57E-4	1.52E-4
	CC14	0.0508	0.5032	-0.0717	1.31E-4	-4.01E-6	-1.08E-4
	CC15	0.0317	0.3901	-0.0807	1.03E-4	4.52E-6	-4.63E-5
	CC16	-0.0370	0.3919	-0.0504	1.01E-4	8.92E-5	-3.23E-5
	CC17	-0.0561	0.2789	-0.0594	7.28E-5	9.77E-5	2.90E-5
	CC18	0.0540	-0.2943	-0.1612	-7.96E-5	-7.58E-5	-2.07E-5
	CC19	0.0349	-0.4074	-0.1702	-1.08E-4	-6.72E-5	4.06E-5
	CC20	-0.0338	-0.4056	-0.1399	-1.10E-4	1.74E-5	5.46E-5
	CC21	-0.0529	-0.5187	-0.1488	-1.38E-4	2.60E-5	1.16E-4
813	CC1	-0.0005	-0.0077	-0.1136	5.70E-7	8.11E-6	5.25E-6
	CC2	-0.0005	-0.0077	-0.1136	5.70E-7	8.11E-6	5.25E-6
	CC3	-0.0005	-0.0077	-0.1136	5.70E-7	8.11E-6	5.25E-6
	CC4	-0.0003	-0.0070	-0.1109	5.30E-7	7.54E-6	5.06E-6
	CC5	-0.0003	-0.0070	-0.1109	5.30E-7	7.54E-6	5.06E-6
	CC6	0.1350	0.2839	-0.1309	-1.00E-5	-1.43E-4	-1.14E-4
	CC7	0.1296	0.2530	-0.1336	-9.88E-6	-1.40E-4	-9.86E-5
	CC8	0.1353	0.0679	-0.1575	-1.20E-5	-1.70E-4	-1.01E-4
	CC9	0.1300	0.0370	-0.1602	-1.18E-5	-1.68E-4	-8.57E-5
	CC10	-0.1304	-0.0505	-0.0600	1.28E-5	1.83E-4	9.57E-5
	CC11	-0.1357	-0.0814	-0.0626	1.30E-5	1.85E-4	1.11E-4
	CC12	-0.1300	-0.2664	-0.0866	1.09E-5	1.55E-4	1.09E-4
	CC13	-0.1353	-0.2974	-0.0892	1.11E-5	1.57E-4	1.24E-4
	CC14	0.0478	0.4545	-0.0720	6.19E-8	8.59E-7	-7.32E-5
	CC15	0.0301	0.3521	-0.0808	5.58E-7	7.91E-6	-2.26E-5
	CC16	-0.0318	0.3542	-0.0507	6.92E-6	9.85E-5	-1.03E-5
	CC17	-0.0495	0.2518	-0.0595	7.42E-6	1.06E-4	4.03E-5
	CC18	0.0491	-0.2653	-0.1606	-6.39E-6	-9.08E-5	-3.03E-5
	CC19	0.0314	-0.3677	-0.1694	-5.89E-6	-8.38E-5	2.03E-5
	CC20	-0.0305	-0.3656	-0.1394	4.75E-7	6.78E-6	3.26E-5
	CC21	-0.0482	-0.4680	-0.1482	9.71E-7	1.38E-5	8.32E-5

814	CC1	0.0002	-0.0066	-0.1132	-9.62E-7	6.43E-6	3.35E-6
	CC2	0.0002	-0.0066	-0.1132	-9.62E-7	6.43E-6	3.35E-6
	CC3	0.0002	-0.0066	-0.1132	-9.62E-7	6.43E-6	3.35E-6
	CC4	0.0004	-0.0060	-0.1106	-5.29E-7	5.73E-6	3.18E-6
	CC5	0.0004	-0.0060	-0.1106	-5.29E-7	5.73E-6	3.18E-6
	CC6	0.1214	0.2534	-0.1305	1.99E-4	-1.66E-4	-8.88E-5
	CC7	0.1166	0.2257	-0.1331	1.79E-4	-1.60E-4	-7.67E-5
	CC8	0.1210	0.0605	-0.1568	6.21E-5	-1.72E-4	-8.40E-5
	CC9	0.1162	0.0329	-0.1594	4.17E-5	-1.66E-4	-7.19E-5
	CC10	-0.1153	-0.0445	-0.0600	-4.24E-5	1.77E-4	7.81E-5
	CC11	-0.1202	-0.0722	-0.0626	-6.29E-5	1.83E-4	9.02E-5
	CC12	-0.1157	-0.2373	-0.0863	-1.80E-4	1.71E-4	8.30E-5
	CC13	-0.1205	-0.2650	-0.0889	-2.00E-4	1.77E-4	9.51E-5
	CC14	0.0445	0.4062	-0.0722	2.98E-4	-4.59E-5	-5.00E-5
	CC15	0.0285	0.3145	-0.0808	2.31E-4	-2.63E-5	-9.97E-6
	CC16	-0.0265	0.3168	-0.0510	2.26E-4	5.70E-5	6.16E-8
	CC17	-0.0425	0.2251	-0.0596	1.58E-4	7.66E-5	4.01E-5
	CC18	0.0434	-0.2368	-0.1598	-1.59E-4	-6.56E-5	-3.39E-5
	CC19	0.0274	-0.3284	-0.1684	-2.27E-4	-4.60E-5	6.18E-6
	CC20	-0.0277	-0.3261	-0.1387	-2.31E-4	3.73E-5	1.62E-5
	CC21	-0.0436	-0.4178	-0.1473	-2.99E-4	5.69E-5	5.63E-5
815	CC1	0.0005	-0.0066	-0.1123	1.16E-5	2.87E-6	4.70E-6
	CC2	0.0005	-0.0066	-0.1123	1.16E-5	2.87E-6	4.70E-6
	CC3	0.0005	-0.0066	-0.1123	1.16E-5	2.87E-6	4.70E-6
	CC4	0.0007	-0.0060	-0.1098	1.19E-5	2.24E-6	4.44E-6
	CC5	0.0007	-0.0060	-0.1098	1.19E-5	2.24E-6	4.44E-6
	CC6	0.1185	0.2539	-0.1414	3.12E-4	-1.70E-4	-1.09E-4
	CC7	0.1146	0.2261	-0.1418	2.83E-4	-1.65E-4	-9.45E-5
	CC8	0.1194	0.0609	-0.1513	9.04E-5	-1.75E-4	-9.22E-5
	CC9	0.1155	0.0332	-0.1517	6.10E-5	-1.70E-4	-7.79E-5
	CC10	-0.1140	-0.0448	-0.0662	-3.69E-5	1.74E-4	8.66E-5
	CC11	-0.1179	-0.0726	-0.0666	-6.62E-5	1.79E-4	1.01E-4
	CC12	-0.1131	-0.2377	-0.0761	-2.59E-4	1.69E-4	1.03E-4
	CC13	-0.1170	-0.2655	-0.0765	-2.88E-4	1.74E-4	1.18E-4
	CC14	0.0405	0.4064	-0.1030	4.83E-4	-4.95E-5	-7.64E-5
	CC15	0.0276	0.3146	-0.1045	3.86E-4	-3.39E-5	-2.90E-5
	CC16	-0.0292	0.3168	-0.0804	3.78E-4	5.36E-5	-1.78E-5
	CC17	-0.0421	0.2250	-0.0819	2.81E-4	6.92E-5	2.97E-5
	CC18	0.0436	-0.2366	-0.1360	-2.57E-4	-6.52E-5	-2.10E-5
	CC19	0.0307	-0.3285	-0.1375	-3.54E-4	-4.96E-5	2.65E-5
	CC20	-0.0261	-0.3262	-0.1135	-3.61E-4	3.79E-5	3.77E-5
	CC21	-0.0390	-0.4181	-0.1149	-4.59E-4	5.35E-5	8.51E-5
816	CC1	0.0009	-0.0066	-0.1114	-1.25E-5	4.25E-6	3.84E-6
	CC2	0.0009	-0.0066	-0.1114	-1.25E-5	4.25E-6	3.84E-6
	CC3	0.0009	-0.0066	-0.1114	-1.25E-5	4.25E-6	3.84E-6
	CC4	0.0010	-0.0060	-0.1090	-1.14E-5	3.59E-6	3.62E-6
	CC5	0.0010	-0.0060	-0.1090	-1.14E-5	3.59E-6	3.62E-6
	CC6	0.1145	0.2546	-0.1554	3.60E-4	-1.63E-4	-1.31E-4
	CC7	0.1117	0.2267	-0.1535	3.22E-4	-1.60E-4	-1.15E-4
	CC8	0.1174	0.0614	-0.1462	8.44E-5	-1.70E-4	-9.48E-5
	CC9	0.1146	0.0335	-0.1442	4.67E-5	-1.66E-4	-7.85E-5
	CC10	-0.1124	-0.0452	-0.0721	-6.88E-5	1.73E-4	8.56E-5
	CC11	-0.1152	-0.0730	-0.0702	-1.07E-4	1.76E-4	1.02E-4
	CC12	-0.1095	-0.2384	-0.0628	-3.44E-4	1.66E-4	1.22E-4
	CC13	-0.1123	-0.2662	-0.0609	-3.82E-4	1.70E-4	1.38E-4
	CC14	0.0348	0.4072	-0.1393	5.75E-4	-4.09E-5	-1.16E-4
	CC15	0.0258	0.3151	-0.1330	4.50E-4	-3.05E-5	-6.25E-5
	CC16	-0.0333	0.3173	-0.1143	4.46E-4	5.99E-5	-5.14E-5
	CC17	-0.0423	0.2252	-0.1080	3.22E-4	7.03E-5	2.54E-6
	CC18	0.0445	-0.2368	-0.1084	-3.44E-4	-6.36E-5	4.56E-6
	CC19	0.0354	-0.3289	-0.1020	-4.68E-4	-5.32E-5	5.85E-5
	CC20	-0.0236	-0.3267	-0.0834	-4.72E-4	3.73E-5	6.96E-5
	CC21	-0.0326	-0.4188	-0.0771	-5.97E-4	4.76E-5	1.23E-4
817	CC1	-0.0011	-0.0088	-0.1128	-4.33E-6	1.25E-5	4.38E-6
	CC2	-0.0011	-0.0088	-0.1128	-4.33E-6	1.25E-5	4.38E-6
	CC3	-0.0011	-0.0088	-0.1128	-4.33E-6	1.25E-5	4.38E-6
	CC4	-0.0008	-0.0080	-0.1102	-3.81E-6	1.18E-5	4.14E-6
	CC5	-0.0008	-0.0080	-0.1102	-3.81E-6	1.18E-5	4.14E-6
	CC6	0.1436	0.3152	-0.1424	2.00E-4	-1.34E-4	-1.49E-4
	CC7	0.1392	0.2809	-0.1429	1.79E-4	-1.31E-4	-1.30E-4
	CC8	0.1465	0.0758	-0.1519	5.55E-5	-1.49E-4	-1.17E-4
	CC9	0.1421	0.0416	-0.1524	3.45E-5	-1.47E-4	-9.85E-5

	CC10	-0.1436	-0.0570	-0.0664	-4.18E-5	1.70E-4	1.07E-4
	CC11	-0.1480	-0.0913	-0.0668	-6.28E-5	1.72E-4	1.26E-4
	CC12	-0.1407	-0.2964	-0.0759	-1.86E-4	1.54E-4	1.38E-4
	CC13	-0.1451	-0.3307	-0.0763	-2.07E-4	1.57E-4	1.57E-4
	CC14	0.0448	0.5038	-0.1043	3.08E-4	-1.26E-5	-1.18E-4
	CC15	0.0302	0.3903	-0.1056	2.39E-4	-4.22E-6	-5.51E-5
	CC16	-0.0413	0.3921	-0.0815	2.35E-4	7.84E-5	-4.12E-5
	CC17	-0.0560	0.2787	-0.0828	1.66E-4	8.69E-5	2.15E-5
	CC18	0.0545	-0.2941	-0.1359	-1.73E-4	-6.38E-5	-1.34E-5
	CC19	0.0399	-0.4076	-0.1373	-2.43E-4	-5.54E-5	4.93E-5
	CC20	-0.0317	-0.4058	-0.1131	-2.46E-4	2.73E-5	6.32E-5
	CC21	-0.0463	-0.5192	-0.1145	-3.15E-4	3.57E-5	1.26E-4
818	CC1	-0.0001	-0.0077	-0.1126	6.40E-7	9.09E-6	5.59E-6
	CC2	-0.0001	-0.0077	-0.1126	6.40E-7	9.09E-6	5.59E-6
	CC3	-0.0001	-0.0077	-0.1126	6.40E-7	9.09E-6	5.59E-6
	CC4	0.0001	-0.0070	-0.1101	5.95E-7	8.46E-6	5.30E-6
	CC5	0.0001	-0.0070	-0.1101	5.95E-7	8.46E-6	5.30E-6
	CC6	0.1317	0.2845	-0.1419	-9.37E-6	-1.33E-4	-1.31E-4
	CC7	0.1275	0.2535	-0.1424	-9.41E-6	-1.34E-4	-1.14E-4
	CC8	0.1334	0.0685	-0.1517	-1.20E-5	-1.71E-4	-1.04E-4
	CC9	0.1292	0.0375	-0.1521	-1.21E-5	-1.72E-4	-8.73E-5
	CC10	-0.1289	-0.0510	-0.0663	1.32E-5	1.88E-4	9.77E-5
	CC11	-0.1331	-0.0820	-0.0668	1.32E-5	1.88E-4	1.15E-4
	CC12	-0.1271	-0.2670	-0.0761	1.06E-5	1.50E-4	1.24E-4
	CC13	-0.1313	-0.2980	-0.0765	1.05E-5	1.50E-4	1.41E-4
	CC14	0.0433	0.4550	-0.1036	1.69E-6	2.39E-5	-1.01E-4
	CC15	0.0294	0.3523	-0.1050	1.57E-6	2.23E-5	-4.54E-5
	CC16	-0.0349	0.3543	-0.0809	8.47E-6	1.20E-4	-3.29E-5
	CC17	-0.0488	0.2516	-0.0824	8.35E-6	1.19E-4	2.32E-5
	CC18	0.0491	-0.2651	-0.1361	-7.19E-6	-1.02E-4	-1.28E-5
	CC19	0.0353	-0.3678	-0.1376	-7.31E-6	-1.04E-4	4.33E-5
	CC20	-0.0290	-0.3658	-0.1134	-4.13E-7	-5.84E-6	5.58E-5
	CC21	-0.0429	-0.4685	-0.1149	-5.27E-7	-7.45E-6	1.12E-4
819	CC1	0.0002	-0.0077	-0.1117	7.49E-7	1.07E-5	1.88E-6
	CC2	0.0002	-0.0077	-0.1117	7.49E-7	1.07E-5	1.88E-6
	CC3	0.0002	-0.0077	-0.1117	7.49E-7	1.07E-5	1.88E-6
	CC4	0.0004	-0.0070	-0.1092	7.00E-7	9.95E-6	1.74E-6
	CC5	0.0004	-0.0070	-0.1092	7.00E-7	9.95E-6	1.74E-6
	CC6	0.1274	0.2852	-0.1559	-9.31E-6	-1.32E-4	-1.29E-4
	CC7	0.1244	0.2541	-0.1540	-9.40E-6	-1.34E-4	-1.13E-4
	CC8	0.1312	0.0691	-0.1469	-1.18E-5	-1.68E-4	-1.02E-4
	CC9	0.1283	0.0380	-0.1450	-1.19E-5	-1.70E-4	-8.62E-5
	CC10	-0.1274	-0.0515	-0.0718	1.33E-5	1.89E-4	8.96E-5
	CC11	-0.1303	-0.0826	-0.0700	1.32E-5	1.88E-4	1.06E-4
	CC12	-0.1235	-0.2676	-0.0628	1.08E-5	1.53E-4	1.16E-4
	CC13	-0.1264	-0.2987	-0.0610	1.07E-5	1.52E-4	1.32E-4
	CC14	0.0370	0.4554	-0.1391	1.66E-6	2.35E-5	-1.02E-4
	CC15	0.0273	0.3524	-0.1330	1.35E-6	1.92E-5	-4.86E-5
	CC16	-0.0394	0.3544	-0.1139	8.43E-6	1.20E-4	-3.67E-5
	CC17	-0.0491	0.2514	-0.1077	8.13E-6	1.16E-4	1.70E-5
	CC18	0.0500	-0.2650	-0.1091	-6.76E-6	-9.62E-5	-1.36E-5
	CC19	0.0403	-0.3679	-0.1029	-7.07E-6	-1.01E-4	4.01E-5
	CC20	-0.0264	-0.3660	-0.0839	1.69E-8	2.51E-7	5.20E-5
	CC21	-0.0361	-0.4689	-0.0777	-2.89E-7	-4.09E-6	1.06E-4
820	CC1	-0.0009	-0.0088	-0.1118	-3.08E-6	1.26E-5	1.97E-6
	CC2	-0.0009	-0.0088	-0.1118	-3.08E-6	1.26E-5	1.97E-6
	CC3	-0.0009	-0.0088	-0.1118	-3.08E-6	1.26E-5	1.97E-6
	CC4	-0.0006	-0.0080	-0.1094	-2.69E-6	1.18E-5	1.86E-6
	CC5	-0.0006	-0.0080	-0.1094	-2.69E-6	1.18E-5	1.86E-6
	CC6	0.1392	0.3163	-0.1565	2.05E-4	-1.34E-4	-1.40E-4
	CC7	0.1361	0.2819	-0.1546	1.84E-4	-1.33E-4	-1.22E-4
	CC8	0.1441	0.0767	-0.1471	4.64E-5	-1.46E-4	-1.13E-4
	CC9	0.1410	0.0423	-0.1452	2.53E-5	-1.44E-4	-9.53E-5
	CC10	-0.1421	-0.0577	-0.0719	-3.05E-5	1.67E-4	9.90E-5
	CC11	-0.1451	-0.0921	-0.0700	-5.15E-5	1.69E-4	1.17E-4
	CC12	-0.1372	-0.2973	-0.0625	-1.89E-4	1.56E-4	1.26E-4
	CC13	-0.1403	-0.3317	-0.0606	-2.11E-4	1.57E-4	1.43E-4
	CC14	0.0386	0.5046	-0.1400	3.33E-4	-1.70E-5	-1.08E-4
	CC15	0.0285	0.3908	-0.1337	2.63E-4	-1.19E-5	-4.93E-5
	CC16	-0.0458	0.3924	-0.1146	2.62E-4	7.34E-5	-3.63E-5
	CC17	-0.0559	0.2786	-0.1084	1.92E-4	7.85E-5	2.23E-5
	CC18	0.0548	-0.2940	-0.1087	-1.97E-4	-5.54E-5	-1.87E-5

	CC19	0.0447	-0.4079	-0.1025	-2.67E-4	-5.03E-5	3.99E-5
	CC20	-0.0296	-0.4062	-0.0834	-2.68E-4	3.50E-5	5.29E-5
	CC21	-0.0397	-0.5201	-0.0771	-3.38E-4	4.01E-5	1.12E-4

1.3.2 Verifica.

Tale verifica, controlla che gli spostamenti strutturali non producano danni tali da compromettere l'operatività della struttura. Gli spostamenti considerati sono relativi alle combinazioni di carico descritte nel paragrafo "Condizioni di carico valutate" della presente relazione.

Si riportano i dati della verifica:

Vx max : valore massimo della traslazione X globale dell'impalcato considerato;
 Vy max : valore massimo della traslazione Y globale dell'impalcato considerato;
 Vx min : valore minimo della traslazione X globale dell'impalcato considerato;
 Vy min : valore minimo della traslazione Y globale dell'impalcato considerato;

Tabella 21.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
0	0.0000	0.0031	0.0000	0.0129
1	0.0394	0.0564	0.0908	0.1260
2	0.0943	0.1377	0.2519	0.3581
3	0.1428	0.2161	0.4052	0.5558
4	0.1793	0.2198	0.4549	0.5639

Per edifici con il seguente tipo di elementi: tamponamenti collegati rigidamente (Tamponature fragili), il controllo viene fatto tramite la seguente relazione:

$$d_r < (2/3) \cdot 0.0050 h$$

dove:

d_r : spostamento relativo tra due impalcati consecutivi;
 h : altezza dell'impalcato;

Si riportano, quindi, i risultati della verifica:

Impalcati : impalcati relativi al piano considerato;
 drx : traslazione relativa X globale del piano considerato;
 dry : traslazione relativa Y globale del piano considerato;
 h : altezza del piano considerato;
 dlim : spostamento limite da normativa;
 Esito : esito della verifica;

Tabella 21.III

Piano Reale	Impalcati	drx [cm]	dry [cm]	h [cm]	dlim [cm]	Esito
1	0 - 1	0.0533	0.1131	346.88	1.16	Verificato
2	1 - 2	0.0813	0.2321	353.00	1.18	Verificato
3	2 - 3	0.0784	0.1977	353.00	1.18	Verificato
4	3 - 4	0.0365	0.0496	358.61	1.20	Verificato

SOMMARIO

Premere il tasto destro del mouse e selezionare "Aggiorna campo" (non compatibile con WordPad).