



# COMUNE DI PLATANIA

## PROVINCIA DI CATANZARO



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

## PROGETTO ESECUTIVO

ELABORATO:	TITOLO ELABORATO :	SCALA :
TAV.14.2.3	RELAZIONE TABULATI E ALLEGATI PROGETTO VULNERABILITÀ - stato di progetto	DATA : Novembre 2019
		REVISIONE :

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

PROGETTISTI:	
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# 1 Introduzione

## 1.1 Premessa

### 1.1.1 Cenni sulla casa produttrice del software

La relazione seguente riporta i dati relativi ai criteri di progettazione, alla geometria, alla meccanica della struttura descritta al relativo paragrafo, nonché i relativi risultati dei calcoli strutturali così come ricavati dal calcolatore elettronico tramite l'utilizzo del Software "FaTA-e" prodotto e distribuito da Stacec srl con sede in Bovalino (RC), e concesso in licenza al responsabile dei calcoli stessi.

FaTA-e è un programma sviluppato specificatamente per la progettazione e la verifica di edifici tridimensionali multipiano ed industriali realizzati con elementi strutturali in C.A., in Acciaio, in legno (massiccio e/o lamellare) o in muratura.

FaTA-e articola le operazioni di progetto secondo tre fasi distinte:

- 1) **preprocessore**: fase di Input dove viene definita e modellata interamente la struttura;
- 2) **solutore**: fase di elaborazione della struttura tramite un solutore agli elementi finiti;
- 3) **post-processore**: fase di verifica degli elementi, creazione degli elaborati grafici e della relazione di calcolo.

### 1.1.2 Descrizione dell'Opera da calcolare

Comune : PLATANIA

PROVINCIA : CATANZARO

Oggetto : Lavori di Adeguamento Sismico dell'Edificio Comunale Scolastico  
"F. Mastroianni"

## 1.2 Riferimenti Legislativi.

Tutte le operazioni illustrate nel proseguo, relative all'analisi della struttura ed alle verifiche sugli elementi sono state effettuate in piena conformità alle seguenti norme:

### **Norme Tecniche C.N.R. 10011:**

"Costruzioni di acciaio - Istruzione per il calcolo, l'esecuzione, il collaudo e la manutenzione."

### **Norme C.N.R. 10024:**

"Analisi delle strutture mediante calcolatore elettronico: impostazione e redazione delle relazioni di calcolo."

### **Ordinanza del Presidente del Consiglio 3274 - 08/05/2003:**

"Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica."

### **Ordinanza del Presidente del Consiglio 3431 - 03/05/2005:**

"Ulteriori modifiche ed integrazioni all'Ordinanza del Presidente del Consiglio 3274 - 08/05/2003."

### **D.M. 17/01/2018:**

"Norme tecniche per le costruzioni."

### **Circolare CSLLPP n. 7 del 21/01/2019:**

"Istruzioni per l'applicazione dell'aggiornamento delle «Norme tecniche per le costruzioni» di cui al decreto ministeriale 17 gennaio 2018."

## 1.3 Convenzioni, Unità di misura e simboli adottati.

Nei calcoli sono state utilizzate le seguenti unità:

- distanze : cm

- forze, tagli, e sforzi normali	: daN
- coppie e momenti flettenti	: daNm
- carichi sulle aste	: daN/m
- carichi su superfici	: daN/m <sup>2</sup>
- peso specifico	: daN/m <sup>3</sup>
- tensioni e resistenze	: daN/m <sup>2</sup>
- temperatura	: °C

I simboli adottati hanno il seguente significato:

q	: fattore di comportamento ;
R <sub>ck</sub>	: Resistenza caratteristica cubica a compressione del calcestruzzo;
f <sub>ck</sub>	: Resistenza caratteristica cilindrica a compressione del calcestruzzo;
E <sub>c</sub>	: Modulo elastico secante del calcestruzzo;
E <sub>ct</sub>	: Modulo elastico a trazione del calcestruzzo
f <sub>cd</sub>	: Resistenza di calcolo del calcestruzzo;
f <sub>ctk,0.05</sub>	: Resistenza caratteristica a trazione;
ν	: Coefficiente di Poisson;
α <sub>t</sub>	: Coefficiente di dilatazione termica;
ps	: peso specifico;
f <sub>yk</sub>	: Resistenza caratteristica di snervamento dell'acciaio;
f <sub>tk</sub>	: Resistenza caratteristica di rottura dell'acciaio;
f <sub>d</sub>	: resistenza di calcolo dell'acciaio;
A	: Superficie della sezione trasversale;
J <sub>x</sub>	: Momento di inerzia rispetto all'asse X;
J <sub>y</sub>	: Momento di inerzia rispetto all'asse Y;
J <sub>xy</sub>	: Momento di inerzia centrifugo rispetto agli assi X ed Y;
J <sub>t</sub>	: Fattore torsionale;
N	: sforzo normale;
M <sub>T</sub>	: Momento Torcente;
M <sub>XZ</sub>	: Momento Flettente X-Z;
T <sub>XZ</sub>	: Taglio X-Z;
M <sub>XY</sub>	: Momento Flettente X-Y;
T <sub>XY</sub>	: Taglio X-Y;
f	: Frequenza del modo i-esimo;
T	: Periodo del modo i-esimo;
Γ <sub>x</sub>	: Fattore di partecipazione del modo i-esimo in direzione x;
Γ <sub>y</sub>	: Fattore di partecipazione del modo i-esimo in direzione y;
Γ <sub>z</sub>	: Fattore di partecipazione del modo i-esimo in direzione z;
N <sub>Sd</sub>	: Sforzo Normale sollecitante di calcolo;
M <sub>SdXZ</sub>	: Momento Flettente X-Z sollecitante di calcolo;
M <sub>SdXY</sub>	: Momento Flettente X-Y sollecitante di calcolo;
M <sub>tS</sub>	: Momento Torcente sollecitante di calcolo;
V <sub>SdXZ</sub>	: Taglio X-Z sollecitante di calcolo;
V <sub>SdXY</sub>	: Taglio X-Y sollecitante di calcolo;
N <sub>Rd</sub>	: Sforzo Normale resistente di calcolo;
M <sub>RdXZ</sub>	: Momento Flettente X-Z resistente di calcolo;
M <sub>RdXY</sub>	: Momento Flettente X-Y resistente di calcolo;
M <sub>tR</sub>	: Momento Torcente resistente di calcolo;
V <sub>RdXZ</sub>	: Taglio X-Z resistente di calcolo;
V <sub>RdXY</sub>	: Taglio X-Y resistente di calcolo;
σ <sub>c</sub>	: Tensioni del calcestruzzo;
σ <sub>s</sub>	: Tensioni delle armature;
σ <sub>c,lim</sub>	: Tensioni limite del calcestruzzo;
σ <sub>s,lim</sub>	: Tensioni limite dell'acciaio;
f/l	: rapporto freccia/lunghezza;
f <sub>lim</sub>	: valore limite del rapporto freccia/lunghezza;

## 2 Descrizione del Modello.

## 2.1 Tipo di calcolo PGA.

Il calcolo del valore della PGA per i vari stati limite viene condotto iterativamente secondo le seguenti fasi:

1. Calcolo sollecitazioni e spostamenti di carichi verticali;
2. Calcolo sollecitazioni e spostamenti delle azioni sismiche con spettro unitario
3. Calcolo condizioni di carico utilizzando il valore dello spettro relativo all'ag di tentativo;
4. Verifica degli elementi strutturali utilizzando i risultati del punto 3 (SLV);
5. Verifica degli spostamenti relativi utilizzando i risultati del punto 3 (SLD / SLO);
6. Identificazione della PGA e degli indicatori di rischio per i vari stati limite.

Per la struttura in esame verranno utilizzati i seguenti tipi di analisi.

### ANALISI ORIZZONTALE DINAMICA LINEARE

Il calcolo risolutivo della struttura è stato effettuato utilizzando un sistema di equazioni lineari (di dimensioni pari ai gradi di libertà), secondo la relazione:

$$\underline{u} = [\underline{K}]^{-1} \underline{F}$$

dove:  $\underline{F}$  = vettore dei carichi risultanti applicate ai nodi;  
 $\underline{u}$  = vettore dei cinematismi nodali;  
 $[\underline{K}]$  = matrice di rigidezza globale.

Tale analisi è stata ripetuta per tutte le condizioni presenti sulla struttura, identificati dai vettori dei carichi relativi a:

- carichi permanenti;
- carichi d'esercizio;
- delta termico;
- carichi utente;
- torsioni accidentali;

I valori delle eccentricità accidentali per le torsioni sono i seguenti:

Imp. Reale	Torsioni Accidentali	
	$e_x$ [cm]	$e_y$ [cm]
1	191.3	63.8
2	191.3	63.8
3	191.3	63.8
4	191.3	63.8

Per ogni impalcato reale si riportano i dati relativi alle rigidezze e ai baricentri:

Imp. Reale	Rigidezze			Centro Massa		Centro Rigidezza	
	Rig X [KN/cm]	Rig Y [KN/cm]	Rig. Tors. [KNcm]	X [cm]	Y [cm]	xR [cm]	yR [cm]
1	233901	143887	4274229152 82	2346.9	653.5	2440.1	937.9
2	178277	75512	2708364605 05	2378.9	659.0	2131.7	968.1
3	133742	68821	2553147972 12	2482.7	620.2	2210.5	926.6
4	193919	116314	3903350547 5	3596.2	916.3	3756.2	82.6

L'analisi sismica nella componente orizzontale è basata sulla teoria ed i concetti propri dell'analisi modale.

L'analisi modale consente di determinare le oscillazioni libere della struttura discretizzata.

Tali modi di vibrare sono legati agli autovalori e autovettori del sistema dinamico generalizzato, che può essere riassunto in:

$$[\underline{K}] \{a\} = \omega^2 [\underline{M}] \{a\}$$

dove:  $[\underline{K}]$  = matrice di rigidezza globale  
 $[\underline{M}]$  = matrice delle masse globale  
 $\{a\}$  = autovettori (forme modali)



$\omega^2$  = autovalori del sistema generalizzato

La frequenza (f) dei modi di vibrare è calcolata mediante la seguente formula:

$$f = \omega / 2\pi$$

Il periodo (T) è calcolato come:

$$T = 1 / f$$

I "fattori di partecipazione modali" possono essere calcolati mediante la seguente formula:

$$\Gamma_i = \Phi_i^T [M] \underline{d}$$

dove:  $\Phi_i$  = autovettori normalizzati relativi al modo i-esimo  
 $\underline{d}$  = vettore di trascinamento (o di direzione di entrata del sisma)

Per ogni direzione del sisma vengono scelti i modi efficaci al raggiungimento del valore imposto dalla normativa (85%). Il parametro di riferimento è il "fattore di partecipazione delle masse", la cui formulazione è:

$$\Lambda_{xi} = \Gamma_i^2 / M_{tot}$$

I cinematismi modali vengono calcolati come:

$$\underline{u} = \Phi_i \Gamma_i S_d(T_i) / \omega_i^2$$

dove:  $S_d(T_i)$  = ordinata spettro di risposta orizzontale o verticale.  
 $\omega_i^2$  = autovalore del modo i-esimo

Gli effetti relativi ai modi di vibrare, vengono combinati utilizzando la combinazione quadratica completa (CQC):

$$E = \sqrt{(\sum_i \sum_j \rho_{ij} E_i E_j)}$$

dove:  $\rho_{ij}$  =  $(8\xi^2 (1 + \beta_{ij}) \beta_{ij}^{3/2}) / ((1 - \beta_{ij}^2)^2 + 4\xi^2 \beta_{ij} (1 + \beta_{ij}^2) + 8\xi^2 \beta_{ij}^2)$  coefficiente di correlazione tra il modo i-esimo ed il modo j-esimo;  
 $\xi$  = coefficiente di smorzamento viscoso;  
 $\beta_{ij}$  = rapporto tra le frequenze di ciascuna coppia di modi ( $f_i / f_j$ )  
 $E_i E_j$  = effetti considerati in valore assoluto.

La condizione "Torsione Accidentale" contiene il momento torcente generato dalla forza sismica di piano per l'eccentricità calcolata in funzione della dimensione massima dell'ingombro in pianta nella direzione ortogonale a quella considerata.(5%).

I modi di vibrare del calcolo in oggetto sono i seguenti:

### SLV-SLC

	Direzione X			Direzione Y		
Modo	f [Hz]	T [s]	$\Lambda_x$ %	f [Hz]	T [s]	$\Lambda_y$ %
1	9.164	0.109	44.8	5.769	0.173	73.1
2	6.970	0.143	31.7	21.524	0.046	9.7
3	24.227	0.041	5.9	21.568	0.046	4.0
4	33.413	0.030	4.1	-	-	-
	Totale $\Lambda_x$ (>=85%)		86.5	Totale $\Lambda_y$ (>=85%)		86.8

### SLD-SLO

Direzione X			Direzione Y		
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Modo	f [Hz]	T [s]	$\Delta x$ %	f [Hz]	T [s]	$\Delta y$ %
1	9.164	0.109	44.8	5.769	0.173	73.1
2	6.970	0.143	31.7	21.524	0.046	9.7
3	24.227	0.041	5.9	21.568	0.046	4.0
4	33.413	0.030	4.1	-	-	-
Totale $\Delta x$ (>=85%)			86.5	Totale $\Delta y$ (>=85%)		86.8

### 3 Risultati di Calcolo.

#### 3.1 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;

##### 3.1.1 Verifiche Nodi.

##### 3.1.1.1 Verifiche SLV - Verifica Nodo. - PGA SLV = 0.4254 g.

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;  
 $\sigma_{Nt}$  : tensione di trazione.  
 $\sigma_{Nc}$  : tensione di compressione.  
 S : valore del coefficiente di sicurezza.  
 Esito : Esito della verifica : V = VERIFICATA;  
     : NV = NON VERIFICATA;

Tabella 84.I

				Direzione X				Direzione Y					
Nodo	Imp.	Filo	Tipo Ver.	CC	$\sigma_{Nt}$ [daN/cm <sup>2</sup> ] ]	$\sigma_{Nc}$ [daN/cm <sup>2</sup> ] ]	S	CC	$\sigma_{Nt}$ [daN/cm <sup>2</sup> ] ]	$\sigma_{Nc}$ [daN/cm <sup>2</sup> ] ]	S	Esito	
1	Fondazio ne	1		CONFINATO									
2	Fondazio ne	2		CONFINATO									
3	Fondazio ne	3		CONFINATO									
4	Fondazio ne	4		CONFINATO									
5	Fondazio ne	5		CONFINATO									
6	Fondazio ne	6		CONFINATO									
7	Fondazio ne	7		CONFINATO									
8	Fondazio ne	8		CONFINATO									
9	Fondazio ne	9		CONFINATO									
10	Fondazio ne	10		CONFINATO									
11	Fondazio	11		CONFINATO									

	ne		
12	Fondazio ne	12	CONFINATO
13	Fondazio ne	13	CONFINATO
14	Fondazio ne	14	CONFINATO
15	Fondazio ne	15	CONFINATO
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
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

### 3.1.2 Verifiche Aste SLV.

#### 3.1.2.1 Pilastrì.

##### 3.1.2.1.1 Verifiche Pilastrì in C.A..

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

### 3.1.2.1.1 Verifica Flessione Composta Deviata - PGA SLV = 0.4254 g.

- 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;  
 $\epsilon_{c2}$  : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;  
 $\epsilon_{cu2}$  : 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;  
 $\epsilon_{cls}$  : deformazione massima del calcestruzzo compresso  
 $\epsilon_{acc}$  : 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 85.I

Pilastro	Filo	Asta	Imp.	Tipo Sez.	Posizione	Asn [cm <sup>2</sup> ]	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	-57218	1374	0	-57217	18558	0	13.50	V
						20.1	-42721	0	-7241	-42720	0	-29452	4.07	V
					Piede	20.1	-34140	4717	0	-34140	15646	0	3.32	V
						20.1	-37761	0	11015	-37760	0	28488	2.59	V
11	4	388	Piano 2	7	Testa	12.1	-22391	795	0	-22390	9944	0	12.50	V
						12.1	-30632	0	3748	-30632	0	17005	4.54	V
					Piede	12.1	-35832	-1099	0	-35832	-12055	0	10.97	V
						12.1	-35895	0	-3840	-35896	0	-18050	4.70	V
12	4	553	Piano 3	21	Testa	8.0	-16306	4324	0	-16306	6781	0	1.57	V
						8.0	-15355	0	4527	-15355	0	10390	2.30	V
					Piede	8.0	-18064	-1754	0	-18064	-7057	0	4.02	V
						8.0	-17113	0	-3986	-17113	0	-10798	2.71	V
13	5	221	Piano 1	2	Testa	20.1	-32069	-1648	0	-32069	-15352	0	9.32	V
						20.1	-32069	0	-9103	-32069	0	-27246	2.99	V
					Piede	20.1	-34078	4330	0	-34078	15637	0	3.61	V
						20.1	-34078	0	9076	-34078	0	27692	3.05	V
14	5	389	Piano 2	7	Testa	12.1	-25128	-860	0	-25127	-10384	0	12.07	V
						12.1	-24648	0	-6359	-24647	0	-15740	2.48	V

					Piede	12.1	-26886	1402	0	-26886	10665	0	7.61	V
						12.1	-26406	0	5692	-26406	0	16120	2.83	V
15	5	554	Pian o 3	7	Testa	8.0	-21067	-4434	0	-21068	-7785	0	1.76	V
						8.0	-13712	0	4079	-13712	0	10182	2.50	V
					Piede	8.0	-22825	2199	0	-22825	8069	0	3.67	V
						8.0	-15470	0	-4451	-15470	0	-10642	2.39	V
16	6	222	Pian o 1	2	Testa	20.1	-20520	-777	0	-20520	-13582	0	17.47	V
						20.1	-20520	0	3011	-20520	0	24501	8.14	V
					Piede	20.1	-18244	-2988	0	-18245	-13219	0	4.42	V
						20.1	-18244	0	-4446	-18245	0	-23925	5.38	V
17	6	390	Pian o 2	7	Testa	12.1	-22895	-240	0	-22896	-10025	0	41.70	V
						12.1	-12020	0	2529	-12020	0	12808	5.06	V
					Piede	12.1	-25820	595	0	-25820	10495	0	17.65	V
						12.1	-13778	0	-2528	-13778	0	-13238	5.24	V
18	6	555	Pian o 3	21	Testa	8.0	-10114	-2924	0	-10114	-5787	0	1.98	V
						8.0	-3925	0	3135	-3926	0	7468	2.38	V
					Piede	8.0	-11872	1148	0	-11871	6072	0	5.29	V
						8.0	-5683	0	-2815	-5683	0	-7930	2.82	V
19	7	223	Pian o 1	10	Testa	20.1	-41673	1146	0	-41674	16672	0	14.55	V
						20.1	-41586	0	-4958	-41585	0	-29265	5.90	V
					Piede	20.1	-31519	-3577	0	-31519	-15272	0	4.27	V
						20.1	-43595	0	7908	-43596	0	29597	3.74	V
20	7	391	Pian o 2	7	Testa	12.1	-32004	788	0	-32005	11476	0	14.57	V
						12.1	-30081	0	3217	-30082	0	16892	5.25	V
					Piede	12.1	-20268	-1214	0	-20269	-9601	0	7.91	V
						12.1	-31839	0	-3276	-31840	0	-17250	5.27	V
21	7	556	Pian o 3	21	Testa	8.0	-7755	4265	0	-7755	5403	0	1.27	V
						8.0	-11419	0	3905	-11420	0	9426	2.41	V
					Piede	8.0	-9513	-1732	0	-9512	-5689	0	3.28	V
						8.0	-13177	0	-3397	-13177	0	-9867	2.90	V
22	8	224	Pian o 1	2	Testa	20.1	-56947	-1638	0	-56947	-18528	0	11.31	V
						20.1	-59583	0	-4515	-59582	0	-32152	7.12	V
					Piede	20.1	-52955	4149	0	-52955	18071	0	4.36	V
						20.1	-61592	0	7072	-61592	0	32461	4.59	V
23	8	392	Pian o 2	7	Testa	12.1	-29908	-1259	0	-29908	-11145	0	8.85	V
						12.1	-38528	0	4881	-38528	0	18550	3.80	V
					Piede	12.1	-31666	2275	0	-31667	11423	0	5.02	V
						12.1	-40286	0	-4776	-40286	0	-18875	3.95	V
24	8	557	Pian o 3	7	Testa	8.0	-14878	-4575	0	-14879	-6772	0	1.48	V
						8.0	-19345	0	3679	-19344	0	11648	3.17	V
					Piede	8.0	-16636	2228	0	-16637	7061	0	3.17	V
						8.0	-21103	0	-3122	-21103	0	-12102	3.88	V
25	9	225	Pian o 1	2	Testa	20.1	-21071	-1269	0	-21071	-13670	0	10.77	V
						20.1	-21071	0	-5513	-21070	0	-24639	4.47	V
					Piede	20.1	-25304	-5070	0	-25304	-14340	0	2.83	V
						20.1	-19288	0	8294	-19288	0	24191	2.92	V
26	9	393	Pian o 2	7	Testa	12.1	-18132	-437	0	-18133	-9254	0	21.15	V
						12.1	-13661	0	-2510	-13660	0	-13209	5.26	V
					Piede	12.1	-20345	859	0	-20345	9613	0	11.19	V
						12.1	-15419	0	2369	-15419	0	13633	5.75	V
27	9	558	Pian o 3	21	Testa	8.0	-7580	-3274	0	-7580	-5375	0	1.64	V
						8.0	-7981	0	3250	-7982	0	8532	2.63	V
					Piede	8.0	-9338	1450	0	-9338	5661	0	3.90	V
						8.0	-9739	0	-2820	-9739	0	-8990	3.19	V
28	10	226	Pian o 1	10	Testa	20.1	-50178	2176	0	-50178	17742	0	8.15	V
						20.1	-42820	0	-5167	-42820	0	-29469	5.70	V
					Piede	20.1	-52187	-3995	0	-52187	-17981	0	4.50	V
						20.1	-44829	0	7986	-44830	0	29799	3.73	V
29	10	394	Pian	7	Testa	12.1	-25027	2407	0	-25028	10368	0	4.31	V

			o 2											
						12.1	-29744	0	3382	-29745	0	16822	4.97	V
					Piede	12.1	-26785	-2668	0	-26785	-10649	0	3.99	V
						12.1	-31502	0	-3385	-31502	0	-17182	5.08	V
30	10	559	Piano 3	21	Testa	8.0	-9559	4072	0	-9559	5697	0	1.40	V
						8.0	-10756	0	3834	-10756	0	9254	2.41	V
					Piede	8.0	-11317	-2874	0	-11318	-5982	0	2.08	V
						8.0	-12514	0	-3348	-12514	0	-9704	2.90	V
31	11	227	Piano 1	2	Testa	20.1	-35409	-5178	0	-35409	-15824	0	3.06	V
						20.1	-39365	0	-4673	-39364	0	-28825	6.17	V
					Piede	20.1	-37418	5617	0	-37418	16101	0	2.87	V
						20.1	-41374	0	7094	-41373	0	29230	4.12	V
32	11	395	Piano 2	7	Testa	12.1	-28801	-4922	0	-28801	-10970	0	2.23	V
						12.1	-27377	0	2835	-27377	0	16327	5.76	V
					Piede	12.1	-30559	4930	0	-30559	11248	0	2.28	V
						12.1	-29135	0	-2770	-29135	0	-16696	6.03	V
33	11	560	Piano 3	7	Testa	12.1	-16644	-4936	0	-16643	-9011	0	1.83	V
						12.1	-12096	0	3271	-12095	0	12827	3.92	V
					Piede	12.1	-18402	4797	0	-18403	9298	0	1.94	V
						12.1	-13854	0	-2825	-13854	0	-13256	4.69	V
34	12	228	Piano 1	2	Testa	20.1	-13259	3010	0	-13259	12417	0	4.13	V
						20.1	-36034	0	-3551	-36034	0	-28119	7.92	V
					Piede	20.1	-15268	-3883	0	-15268	-12741	0	3.28	V
						20.1	-17605	0	-4661	-17605	0	-23761	5.10	V
35	12	396	Piano 2	7	Testa	12.1	-9127	3360	0	-9128	7777	0	2.31	V
						12.1	-10229	0	2559	-10229	0	12362	4.83	V
					Piede	12.1	-10885	-3632	0	-10885	-8067	0	2.22	V
						12.1	-11987	0	-2440	-11987	0	-12800	5.25	V
36	12	561	Piano 3	21	Testa	8.0	-7028	-3551	0	-7028	-5284	0	1.49	V
						8.0	-4708	0	-2651	-4708	0	-7674	2.89	V
					Piede	8.0	-8786	3866	0	-8786	5571	0	1.44	V
						8.0	-6406	0	2280	-6406	0	8120	3.56	V
37	13	229	Piano 1	10	Testa	20.1	-49637	1099	0	-49637	17677	0	16.09	V
						20.1	-42360	0	-5188	-42360	0	-29393	5.67	V
					Piede	20.1	-34351	-3337	0	-34352	-15676	0	4.70	V
						20.1	-44369	0	8030	-44370	0	29724	3.70	V
38	13	397	Piano 2	7	Testa	12.1	-20285	771	0	-20286	9603	0	12.46	V
						12.1	-26900	0	-3080	-26899	0	-16225	5.27	V
					Piede	12.1	-22043	-1314	0	-22043	-9888	0	7.53	V
						12.1	-31712	0	-3190	-31713	0	-17224	5.40	V
39	13	562	Piano 3	21	Testa	8.0	-8480	4241	0	-8480	5521	0	1.30	V
						8.0	-12893	0	3678	-12892	0	9797	2.66	V
					Piede	8.0	-9910	-1660	0	-9911	-5754	0	3.47	V
						8.0	-12274	0	-3112	-12275	0	-9644	3.10	V
40	14	230	Piano 1	2	Testa	20.1	-74444	-1258	0	-74443	-20286	0	16.12	V
						20.1	-29134	0	8004	-29134	0	26577	3.32	V
					Piede	20.1	-56774	3659	0	-56774	18508	0	5.06	V
						20.1	-31143	0	-8165	-31143	0	-27036	3.31	V
41	14	398	Piano 2	7	Testa	12.1	-33697	-735	0	-33698	-11739	0	15.98	V
						12.1	-24926	0	5921	-24927	0	15801	2.67	V
					Piede	12.1	-35455	1219	0	-35455	12000	0	9.84	V
						12.1	-26684	0	-5448	-26683	0	-16179	2.97	V
42	14	563	Piano 3	7	Testa	8.0	-15358	-3904	0	-15358	-6851	0	1.75	V
						8.0	-13478	0	6509	-13478	0	10120	1.55	V
					Piede	8.0	-17116	1753	0	-17116	7140	0	4.07	V
						8.0	-15236	0	-6173	-15236	0	-10580	1.71	V
43	15	231	Piano 1	2	Testa	20.1	-37099	-1050	0	-37098	-16058	0	15.30	V
						20.1	-31236	0	-6255	-31236	0	-27058	4.33	V
					Piede	20.1	-18607	-4439	0	-18606	-13276	0	2.99	V



						20.1	-33527	0	9797	-33526	0	27570	2.81	V
<b>44</b>	15	399	Piano 2	7	Testa	12.1	-22222	-524	0	-22222	-9917	0	18.93	V
						12.1	-13048	0	2426	-13048	0	13061	5.38	V
					Piede	12.1	-24376	977	0	-24376	10264	0	10.50	V
						12.1	-14806	0	-2320	-14807	0	-13486	5.81	V
<b>45</b>	15	564	Piano 3	7	Testa	8.0	-9877	-3312	0	-9878	-5944	0	1.79	V
						8.0	-3984	0	3367	-3984	0	7614	2.26	V
					Piede	8.0	-11635	1384	0	-11635	6236	0	4.50	V
						8.0	-5742	0	-2749	-5743	0	-8080	2.94	V
<b>46</b>	16	232	Piano 1	10	Testa	20.1	-33449	1079	0	-33450	15549	0	14.41	V
						20.1	-48953	0	-4907	-48953	0	-30470	6.21	V
					Piede	20.1	-57623	-3187	0	-57623	-18603	0	5.84	V
						20.1	-50962	0	7900	-50962	0	30794	3.90	V
<b>47</b>	16	400	Piano 2	7	Testa	12.1	-20572	902	0	-20572	9650	0	10.70	V
						12.1	-25322	0	3111	-25323	0	15887	5.11	V
					Piede	12.1	-37178	-1264	0	-37177	-12251	0	9.69	V
						12.1	-27080	0	-3132	-27080	0	-16264	5.19	V
<b>48</b>	16	565	Piano 3	21	Testa	8.0	-15932	4188	0	-15933	6722	0	1.61	V
						8.0	-10354	0	3648	-10353	0	9150	2.51	V
					Piede	8.0	-17690	-1534	0	-17690	-6999	0	4.56	V
						8.0	-13054	0	3045	-13053	0	9837	3.23	V
<b>52</b>	18	237	Piano 1	2	Testa	20.1	-9142	-661	0	-9142	-11749	0	17.76	V
						20.1	-9142	0	5617	-9142	0	21505	3.83	V
					Piede	20.1	-26041	2531	0	-26040	14455	0	5.71	V
						20.1	-11137	0	-5798	-11137	0	-22052	3.80	V
<b>53</b>	18	405	Piano 2	7	Testa	12.1	-14326	-381	0	-14326	-8632	0	22.66	V
						12.1	-5756	0	4923	-5755	0	11208	2.28	V
					Piede	12.1	-16084	773	0	-16083	8919	0	11.54	V
						12.1	-7514	0	-4661	-7514	0	-11664	2.50	V
<b>54</b>	18	570	Piano 3	21	Testa	8.0	-3407	3124	0	-3406	4689	0	1.50	V
						8.0	-1370	0	5482	-1371	0	6794	1.24	V
					Piede	8.0	-5165	-1089	0	-5164	-4979	0	4.57	V
						8.0	-3128	0	-5167	-3128	0	-7258	1.40	V
<b>55</b>	19	238	Piano 1	2	Testa	20.1	-37836	1305	0	-37836	16158	0	12.38	V
						20.1	-44468	0	-7133	-44468	0	-29740	4.17	V
					Piede	20.1	-52441	-4408	0	-52441	-18011	0	4.09	V
						20.1	-46477	0	11468	-46477	0	30068	2.62	V
<b>56</b>	19	406	Piano 2	7	Testa	12.1	-24916	874	0	-24915	10350	0	11.84	V
						12.1	-27652	0	3184	-27652	0	16385	5.15	V
					Piede	12.1	-32679	-1314	0	-32679	-11581	0	8.82	V
						12.1	-29410	0	-3169	-29411	0	-16753	5.29	V
<b>57</b>	19	571	Piano 3	21	Testa	8.0	-13555	3953	0	-13556	6343	0	1.60	V
						8.0	-10967	0	-3493	-10968	0	-9309	2.67	V
					Piede	8.0	-15313	-1454	0	-15314	-6623	0	4.56	V
						8.0	-12725	0	3139	-12725	0	9756	3.11	V
<b>64</b>	22	247	Piano 1	2	Testa	20.1	-32662	1148	0	-32661	15436	0	13.44	V
						20.1	-39379	0	-5114	-39379	0	-28828	5.64	V
					Piede	20.1	-59114	-2989	0	-59113	-18767	0	6.28	V
						20.1	-49056	0	8071	-49056	0	30487	3.78	V
<b>65</b>	22	415	Piano 2	7	Testa	12.1	-29735	812	0	-29735	11118	0	13.70	V
						12.1	-29735	0	-3403	-29736	0	-16820	4.94	V
					Piede	12.1	-39016	-1406	0	-39016	-12514	0	8.90	V
						12.1	-31493	0	3154	-31493	0	17180	5.45	V
<b>66</b>	22	580	Piano 3	21	Testa	8.0	-16692	3980	0	-16691	6842	0	1.72	V
						8.0	-12507	0	-4476	-12507	0	-9702	2.17	V
					Piede	8.0	-18468	-1474	0	-18468	-7117	0	4.83	V
						8.0	-14265	0	3714	-14266	0	10131	2.73	V
<b>70</b>	24	252	Piano 1	2	Testa	20.1	-18410	-2971	0	-18411	-13245	0	4.46	V

						20.1	-22759	0	-5434	-22759	0	-25057	4.61	V
					Piede	20.1	-20419	5280	0	-20418	13566	0	2.57	V
						20.1	-24768	0	8443	-24769	0	25546	3.03	V
<b>71</b>	24	420	Piano 2	7	Testa	12.1	-14646	-2530	0	-14647	-8684	0	3.43	V
						12.1	-16024	0	-2545	-16024	0	-13777	5.41	V
					Piede	12.1	-16404	2643	0	-16403	8972	0	3.39	V
						12.1	-17782	0	2337	-17782	0	14191	6.07	V
<b>72</b>	24	585	Piano 3	21	Testa	8.0	-7350	3773	0	-7349	5337	0	1.41	V
						8.0	-4113	0	-3975	-4112	0	-7517	1.89	V
					Piede	8.0	-9108	-2500	0	-9108	-5624	0	2.25	V
						8.0	-5871	0	3021	-5871	0	7979	2.64	V
<b>73</b>	25	253	Piano 1	2	Testa	20.1	-38167	1262	0	-38167	16203	0	12.84	V
						20.1	-61472	0	-8188	-61472	0	-32443	3.96	V
					Piede	20.1	-40688	3860	0	-40687	16542	0	4.29	V
						20.1	-63481	0	11883	-63482	0	32749	2.76	V
<b>74</b>	25	421	Piano 2	7	Testa	12.1	-41348	1329	0	-41348	12840	0	9.66	V
						12.1	-41194	0	-4360	-41194	0	-19040	4.37	V
					Piede	12.1	-45730	-1842	0	-45730	-13431	0	7.29	V
						12.1	-42952	0	3924	-42952	0	19354	4.93	V
<b>75</b>	25	586	Piano 3	21	Testa	8.0	-25229	4955	0	-25229	8057	0	1.63	V
						8.0	-19408	0	-3767	-19409	0	-11312	3.00	V
					Piede	8.0	-26987	-1812	0	-26987	-8281	0	4.57	V
						8.0	-21166	0	3747	-21166	0	11690	3.12	V
<b>77</b>	26	254	Piano 1	2	Testa	20.1	-52970	-825	0	-52970	-18073	0	21.89	V
						20.1	-42428	0	-5253	-42427	0	-29404	5.60	V
					Piede	20.1	-45675	3380	0	-45675	17187	0	5.08	V
						20.1	-39280	0	7160	-39280	0	28807	4.02	V
<b>78</b>	26	422	Piano 2	7	Testa	12.1	-37044	-1255	0	-37044	-12231	0	9.74	V
						12.1	-24675	0	-7202	-24674	0	-15746	2.19	V
					Piede	12.1	-31472	1799	0	-31472	11392	0	6.33	V
						12.1	-26433	0	4978	-26433	0	16126	3.24	V
<b>79</b>	26	587	Piano 3	7	Testa	8.0	-18479	-3323	0	-18480	-7363	0	2.22	V
						8.0	-19756	0	-6243	-19757	0	-11755	1.88	V
					Piede	8.0	-20237	1309	0	-20238	7650	0	5.85	V
						8.0	-21514	0	7235	-21514	0	12207	1.69	V
<b>82</b>	27	423	Piano 2	7	Testa	12.1	-52259	-4627	0	-52260	-14258	0	3.08	V
						12.1	-44493	0	-3135	-44492	0	-19624	6.26	V
					Piede	12.1	-54017	4805	0	-54017	14470	0	3.01	V
						12.1	-46251	0	1903	-46250	0	19926	10.47	V
<b>84</b>	27	650	Piano 4	21	Testa	8.0	-963	-1622	0	-962	-4286	0	2.64	V
						8.0	1600	0	-2659	1601	0	-6008	2.26	V
					Piede	8.0	-2481	2186	0	-2482	4537	0	2.08	V
						8.0	82	0	1857	81	0	6410	3.45	V
<b>88</b>	28	651	Piano 4	3	Testa	20.1	-15035	-2935	0	-15039	-13238	0	4.51	V
						20.1	-14121	0	-16681	-14120	0	-50438	3.02	V
					Piede	20.1	-20110	3446	0	-20107	14081	0	4.09	V
						20.1	-3200	0	12043	-3200	0	43316	3.60	V
<b>89</b>	29	263	Piano 1	2	Testa	20.1	-27305	-5623	0	-27305	-14653	0	2.61	V
						20.1	-63531	0	-3848	-63532	0	-32756	8.51	V
					Piede	20.1	-29314	6993	0	-29314	14951	0	2.14	V
						20.1	-43592	0	-8993	-43592	0	-29596	3.29	V
<b>91</b>	29	593	Piano 3	21	Testa	8.0	-26708	4643	0	-26708	8246	0	1.78	V
						8.0	-26022	0	-2699	-26021	0	-12667	4.69	V
					Piede	8.0	-28466	-4856	0	-28465	-8462	0	1.74	V
						8.0	-27780	0	1859	-27780	0	12996	6.99	V
<b>92</b>	29	652	Piano 4	21	Testa	24.1	-10087	6927	0	-10087	12884	0	1.86	V
						24.1	-10854	0	-7523	-10855	0	-20247	2.69	V
					Piede	24.1	-12472	12536	0	-12472	13073	0	1.04	V
						24.1	-11704	0	-6756	-11705	0	-20352	3.01	V

95	30	594	Piano 3	10	Testa	8.0	-32057	-6490	0	-32056	-9636	0	1.48	V
						8.0	-31041	0	-3576	-31041	0	-17249	4.82	V
					Piede	8.0	-34108	5112	0	-34107	9961	0	1.95	V
						8.0	-33092	0	2266	-33091	0	17819	7.86	V
96	30	653	Piano 4	10	Testa	8.0	-18158	-3012	0	-18157	-7381	0	2.45	V
						8.0	-14851	0	-4317	-14852	0	-12412	2.87	V
					Piede	8.0	-19369	3109	0	-19368	7581	0	2.44	V
						8.0	-16062	0	2709	-16063	0	12788	4.72	V
97	31	265	Piano 1	2	Testa	20.1	-30350	7831	0	-30349	15103	0	1.93	V
						20.1	-33895	0	-5336	-33896	0	-27652	5.18	V
					Piede	20.1	-32360	-8032	0	-32361	-15393	0	1.92	V
						20.1	-35904	0	8178	-35904	0	28091	3.43	V
98	31	430	Piano 2	7	Testa	12.1	-30107	-5203	0	-30108	-11177	0	2.15	V
						12.1	-25507	0	-2665	-25507	0	-15927	5.98	V
					Piede	12.1	-31865	5822	0	-31865	11454	0	1.97	V
						12.1	-27265	0	2544	-27265	0	16303	6.41	V
100	31	654	Piano 4	21	Testa	8.0	-7214	-1064	0	-7215	-5315	0	4.99	V
						8.0	-6543	0	2512	-6543	0	8155	3.25	V
					Piede	8.0	-8732	1764	0	-8733	5563	0	3.15	V
						8.0	-11825	0	1751	-11824	0	9531	5.44	V
104	32	655	Piano 4	7	Testa	8.0	-13976	-1088	0	-13976	-6623	0	6.09	V
						8.0	694	0	-3348	694	0	-6370	1.90	V
					Piede	8.0	-16076	1350	0	-16076	6969	0	5.16	V
						8.0	-1406	0	1925	-1407	0	6929	3.60	V
105	33	270	Piano 1	2	Testa	20.1	-37132	1265	0	-37132	16062	0	12.70	V
						20.1	-57303	0	-7555	-57304	0	-31798	4.21	V
					Piede	20.1	-41915	4605	0	-41915	16703	0	3.63	V
						20.1	-59312	0	11527	-59311	0	32111	2.79	V
106	33	435	Piano 2	7	Testa	12.1	-49611	1639	0	-49610	13930	0	8.50	V
						12.1	-40512	0	-4373	-40511	0	-18916	4.33	V
					Piede	12.1	-53089	-2191	0	-53090	-14359	0	6.55	V
						12.1	-42270	0	4077	-42270	0	19233	4.72	V
107	33	600	Piano 3	21	Testa	8.0	-31520	2903	0	-31519	8817	0	3.04	V
						8.0	-23773	0	-3205	-23774	0	-12227	3.81	V
					Piede	8.0	-33278	-1472	0	-33279	-9010	0	6.12	V
						8.0	-25531	0	3824	-25531	0	12573	3.29	V
108	33	656	Piano 4	21	Testa	24.1	-11009	8533	0	-11010	12957	0	1.52	V
						24.1	-12367	0	-8633	-12367	0	-20433	2.37	V
					Piede	24.1	-11309	-7035	0	-11308	-12981	0	1.85	V
						24.1	-12667	0	6463	-12667	0	20470	3.17	V
109	34	271	Piano 1	2	Testa	20.1	-38981	-1010	0	-38981	-16314	0	16.15	V
						20.1	-44246	0	10109	-44245	0	29703	2.94	V
					Piede	20.1	-40990	4372	0	-40990	16582	0	3.79	V
						20.1	-46255	0	-9626	-46255	0	-30032	3.12	V
110	34	436	Piano 2	7	Testa	12.1	-32307	-1562	0	-32306	-11523	0	7.37	V
						12.1	-35017	0	7636	-35018	0	17880	2.34	V
					Piede	12.1	-34065	2226	0	-34066	11794	0	5.30	V
						12.1	-36775	0	-6915	-36775	0	-18219	2.63	V
111	34	601	Piano 3	7	Testa	8.0	-25589	-4884	0	-25589	-8514	0	1.74	V
						8.0	-30131	0	3653	-30130	0	14298	3.91	V
					Piede	8.0	-27347	2132	0	-27348	8794	0	4.13	V
						8.0	-31889	0	-5355	-31889	0	-14703	2.75	V
112	34	657	Piano 4	21	Testa	8.0	-14949	-3843	0	-14949	-6565	0	1.71	V
						8.0	-11791	0	-2196	-11791	0	-9522	4.34	V
					Piede	8.0	-15546	3392	0	-15546	6660	0	1.96	V
						8.0	-12829	0	1421	-12829	0	9782	6.89	V
113	35	272	Piano 1	3	Testa	24.1	-29504	-10424	0	-29503	-17584	0	1.69	V
						24.1	-29504	0	10065	-29503	0	67056	6.66	V

					Piede	24.1	-33665	14648	0	-33668	18265	0	1.25	V
						24.1	-46718	0	-56978	-46718	0	-76686	1.35	V
<b>115</b>	35	602	Piano 3	3	Testa	20.1	-31305	-10660	0	-31302	-15929	0	1.49	V
						20.1	-22324	0	-15676	-22324	0	-55613	3.55	V
					Piede	20.1	-30834	-9053	0	-30835	-15852	0	1.75	V
						20.1	-28932	0	10353	-28932	0	59671	5.76	V
<b>116</b>	35	658	Piano 4	3	Testa	20.1	-5117	-2987	0	-5114	-11581	0	3.88	V
						20.1	-15330	0	10699	-15329	0	51210	4.79	V
					Piede	20.1	-7812	4214	0	-7815	12033	0	2.86	V
						20.1	-8786	0	-18895	-8786	0	-46993	2.49	V
<b>120</b>	36	659	Piano 4	21	Testa	8.0	-12527	-898	0	-12527	-6177	0	6.88	V
						8.0	-1142	0	1252	-1143	0	6734	5.38	V
					Piede	8.0	-12197	1096	0	-12196	6124	0	5.59	V
						8.0	-4347	0	1029	-4347	0	7579	7.36	V
<b>121</b>	37	277	Piano 1	9	Testa	12.1	-586	2214	0	-585	6211	0	2.80	V
						12.1	5291	0	1334	5291	0	5255	3.94	V
					Piede	12.1	-1686	-2618	0	-1686	-6392	0	2.44	V
						12.1	-1837	0	-1338	-1838	0	-6415	4.79	V
<b>122</b>	37	442	Piano 2	9	Testa	12.1	205	3123	0	206	6081	0	1.95	V
						12.1	-2727	0	1824	-2727	0	6558	3.60	V
					Piede	12.1	-967	-3542	0	-967	-6274	0	1.77	V
						12.1	-3899	0	-1784	-3898	0	-6746	3.78	V
<b>124</b>	37	660	Piano 4	9	Testa	12.1	-6059	925	0	-6059	7106	0	7.68	V
						12.1	-4680	0	1634	-4680	0	6871	4.20	V
					Piede	12.1	-7119	-1602	0	-7119	-7279	0	4.54	V
						12.1	-5740	0	-1503	-5740	0	-7039	4.68	V
<b>125</b>	38	278	Piano 1	9	Testa	12.1	437	2418	0	438	6043	0	2.50	V
						12.1	-18957	0	1577	-18956	0	8977	5.69	V
					Piede	12.1	-711	-2689	0	-711	-6232	0	2.32	V
						12.1	-20105	0	-1306	-20104	0	-9126	6.99	V
<b>126</b>	38	443	Piano 2	9	Testa	12.1	-3678	4371	0	-3678	6718	0	1.54	V
						12.1	-7069	0	-2023	-7069	0	-7250	3.58	V
					Piede	12.1	-585	-4259	0	-585	-6211	0	1.46	V
						12.1	-16587	0	-2148	-16588	0	-8661	4.03	V
<b>127</b>	38	608	Piano 3	9	Testa	12.1	-4639	4119	0	-4640	6875	0	1.67	V
						12.1	-7611	0	2277	-7610	0	7336	3.22	V
					Piede	12.1	-5811	-4031	0	-5811	-7066	0	1.75	V
						12.1	-8783	0	-2337	-8783	0	-7520	3.22	V
<b>128</b>	38	661	Piano 4	9	Testa	12.1	-3205	-684	0	-3206	-6640	0	9.71	V
						12.1	-1461	0	1445	-1461	0	6354	4.40	V
					Piede	12.1	-4605	682	0	-4606	6869	0	10.07	V
						12.1	-2861	0	-1542	-2862	0	-6579	4.27	V
<b>144</b>	42	665	Piano 4	21	Testa	12.1	-3598	-608	0	-3598	-6671	0	10.98	V
						12.1	-2884	0	2213	-2884	0	10253	4.63	V
					Piede	12.1	-4984	-585	0	-4983	-6898	0	11.79	V
						12.1	-7364	0	-1505	-7364	0	-11278	7.49	V

### 3.1.2.1.1.2 Verifica Flessione Composta Deviata Pilastri con Ringrossi in CA - PGA SLV = 0.4254 g.

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;

## Relazione di calcolo

fccd : Resistenza di calcolo del calcestruzzo;  
 eccu : deformazione ultima del calcestruzzo di calcolo;  
 CC : indice della combinazione di carico più gravosa

### Azioni Sollecitanti:

N<sub>Sd</sub> : Sforzo Normale Sollecitante;  
 M<sub>SdXZ</sub> : valore del Momento Flettente X-Z sollecitante di calcolo;  
 M<sub>SdXY</sub> : valore del Momento Flettente X-Y sollecitante di calcolo;

### Azioni Resistenti:

N<sub>Rd</sub> : Sforzo Normale Resistente;  
 M<sub>RdXZ</sub> : valore del Momento Flettente X-Z resistente di calcolo;  
 M<sub>RdXY</sub> : 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 86.I

											Azioni Sollecitanti			Azioni Resistenti						
Pilastro	Filo	Asta	Imp.	Tipo Sez.	Pos.	Cons	Aftot [cm²]	AfRi nf [cm²]	fccd [cm²]	gceu [cm²]	CC	N <sub>sd</sub> [daN]	M <sub>SdXZ</sub> [daNm]	M <sub>SdXY</sub> [daNm]	N <sub>rd</sub> [daN]	M <sub>RdXZ</sub> [daNm]	M <sub>RdXY</sub> [daNm]	C	S	Esito
1	1	211	Piano 1	29	Testa	AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	7	15236	-23734	-8158	15235	-116744	0	2	4.92	V
						AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	1	15236	-23734	-8158	15236	0	-171794	2	21.06	V
					Piede	AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	7	10214	53370	45872	10213	117705	0	2	2.21	V
						AP DEFAULT_001	124.6 6	104.5 5	130.7 9	0.003 5	1	10214	53370	45872	10214	0	173261	2	3.78	V
2	1	379	Piano 2	30	Testa	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	4	-57810	22136	421	-57810	124039	0	3	5.60	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	-14764	-10285	-6854	-14767	0	-153641	2	22.42	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	14	-66766	-23619	1232	-66765	-125472	0	3	5.31	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	-19379	9902	5105	-19377	0	154736	2	30.31	V
3	1	544	Piano 3	31	Testa	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	14	-23084	33246	688	-23083	114295	0	3	3.44	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	1836	-26746	-8447	1838	0	-144749	2	17.14	V
					Piede	AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	14	-27699	-28326	-1639	-27700	-115043	0	3	4.06	V
						AP DEFAULT_001	112.5 9	104.5 5	111.0 8	0.003 5	1	-2779	23066	5745	-2781	0	145847	2	25.39	V
4	2	212	Piano 1	39	Testa	DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	7	261731	-28910	-17735	261741	-159511	0	2	5.52	V
						DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	1	261731	-28910	-17735	261732	0	-235101	2	13.26	V
					Piede	DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	7	470765	62470	48000	470771	105446	0	2	1.69	V
						DEFAULT_002	225.1 9	201.0 6	130.7 9	0.003 5	1	470765	62470	48000	470768	0	155547	2	3.24	V
5	2	380	Piano 2	30	Testa	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	13	62709	-30002	-14737	62709	-101489	0	2	3.38	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	56941	-30211	-20191	56943	0	-134736	2	6.67	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	13	224487	29902	10369	224487	60603	0	2	2.03	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	226077	28825	15458	226074	0	79045	2	5.11	V
6	2	545	Piano 3	30	Testa	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	13	-22350	-33546	-8320	-22347	-118220	0	2	3.52	V
						AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	1	-23958	-32640	-9645	-23957	0	-155815	2	16.16	V
					Piede	AP DEFAULT_001	116.6 2	104.5 5	131.3 0	0.003 5	13	71724	25587	12077	71725	99558	0	2	3.89	V

# Relazione di calcolo

						001	116.6	104.5	131.3	0.003	1	67202	25072	15358	67205	0	131811	2	8.58	V
						AP DEFAULT_001	2	5	0	5										
7	3	216	Piano 1	39	Testa	DEFAULT_002	225.1	201.0	130.7	0.003	4	337141	12234	109	337139	140392	0	2	11.48	V
						DEFAULT_002	225.1	201.0	130.7	0.003	1	165679	3175	-6126	165679	0	-265894	2	43.40	V
					Piede	DEFAULT_002	225.1	201.0	130.7	0.003	4	550995	-62319	-40517	550995	-83931	0	2	1.35	V
						DEFAULT_002	225.1	201.0	130.7	0.003	1	550995	-62319	-40517	550992	0	-124219	2	3.07	V
8	3	384	Piano 2	30	Testa	AP DEFAULT_001	116.6	104.5	131.3	0.003	14	109166	4592	-1245	109163	90744	0	2	19.76	V
						AP DEFAULT_001	116.6	104.5	131.3	0.003	1	-65395	-2610	-5006	-65394	0	-164934	3	32.95	V
					Piede	AP DEFAULT_001	116.6	104.5	131.3	0.003	14	242686	-15519	-1595	242685	-55697	0	2	3.59	V
						AP DEFAULT_001	116.6	104.5	131.3	0.003	1	240872	-13727	-2338	240873	0	-73873	2	31.59	V
9	3	549	Piano 3	31	Testa	AP DEFAULT_001	112.5	104.5	111.0	0.003	13	-13447	-2164	-80	-13446	-112720	0	3	52.09	V
						AP DEFAULT_001	112.5	104.5	111.0	0.003	1	-6350	-416	-6896	-6348	0	-146688	2	21.27	V
					Piede	AP DEFAULT_001	112.5	104.5	111.0	0.003	4	67378	2294	-1507	67378	97084	0	2	42.33	V
						AP DEFAULT_001	112.5	104.5	111.0	0.003	1	42987	815	5524	42985	0	134133	2	24.28	V
49	17	233	Piano 1	29	Testa	AP DEFAULT_001	124.6	104.5	130.7	0.003	15	-38561	-5288	5194	-38562	-126259	0	3	23.88	V
						AP DEFAULT_001	124.6	104.5	130.7	0.003	1	16381	-1491	21997	16381	0	171455	2	7.79	V
					Piede	AP DEFAULT_001	124.6	104.5	130.7	0.003	14	-22273	-24164	-11448	-22273	-123569	0	3	5.11	V
						AP DEFAULT_001	124.6	104.5	130.7	0.003	1	57323	-3543	-37937	57323	0	-158859	2	4.19	V
50	17	401	Piano 2	30	Testa	AP DEFAULT_001	116.6	104.5	131.3	0.003	14	-26697	-5916	12437	-26694	-118957	0	3	20.11	V
						AP DEFAULT_001	116.6	104.5	131.3	0.003	1	16440	-2356	32065	16442	0	145886	2	4.55	V
					Piede	AP DEFAULT_001	116.6	104.5	131.3	0.003	12	-54041	7041	5153	-54041	123432	0	3	17.53	V
						AP DEFAULT_001	116.6	104.5	131.3	0.003	1	59696	-3287	-32021	59697	0	-133955	2	4.18	V
51	17	566	Piano 3	30	Testa	AP DEFAULT_001	112.5	104.5	131.3	0.003	13	-11118	-30081	-9411	-11120	-114208	0	2	3.80	V
						AP DEFAULT_001	112.5	104.5	131.3	0.003	1	-24269	14180	41047	-24270	0	153072	2	3.73	V
					Piede	AP DEFAULT_001	112.5	104.5	131.3	0.003	13	-28345	6179	8745	-28345	117310	0	2	18.99	V
						AP DEFAULT_001	112.5	104.5	131.3	0.003	1	29039	-4307	-35744	29037	0	-139219	2	3.89	V
58	20	239	Piano 1	29	Testa	AP DEFAULT_001	124.6	104.5	130.7	0.003	15	-36669	-6925	524	-36671	-125948	0	3	18.19	V
						AP DEFAULT_001	124.6	104.5	130.7	0.003	1	11752	-633	7553	11753	0	172813	2	22.88	V
					Piede	AP DEFAULT_001	124.6	104.5	130.7	0.003	14	-39961	-31536	-15752	-39960	-126488	0	3	4.01	V
						AP DEFAULT_001	124.6	104.5	130.7	0.003	1	1191	633	-53849	1192	0	-175798	2	3.26	V
59	20	407	Piano 2	30	Testa	AP DEFAULT_001	116.6	104.5	131.3	0.003	14	-24596	-5368	2488	-24598	-118610	0	3	22.10	V
						AP DEFAULT_001	116.6	104.5	131.3	0.003	1	-3218	-1378	8995	-3216	0	150863	2	16.77	V
					Piede	AP DEFAULT_001	116.6	104.5	131.3	0.003	12	-30672	5396	1604	-30671	119615	0	3	22.17	V
						AP DEFAULT_001	116.6	104.5	131.3	0.003	1	-4728	-2892	-6770	-4728	0	-151230	2	22.34	V
60	20	572	Piano 3	30	Testa	AP DEFAULT_001	112.5	104.5	131.3	0.003	13	-701	-25474	-2393	-700	-112238	0	2	4.41	V

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						AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	1	-5029	9570	5831	-5030	0	148389	2	25.45	V
					Piede	AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	13	-9968	4723	2199	-9968	113997	0	2	24.14	V
						AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	1	-12244	-2719	-4869	-12243	0	-150167	2	30.84	V
61	21	243	Piano 1	39	Testa	DEFAULT_ 002	225.1 9	201.0 6	130.7 9	0.003 5	12	245654	8423	76	245648	163458	0	2	19.41	V
						DEFAULT_ 002	225.1 9	201.0 6	130.7 9	0.003 5	1	127455	-382	13258	127456	0	277021	2	20.89	V
					Piede	DEFAULT_ 002	225.1 9	201.0 6	130.7 9	0.003 5	11	409124	43549	-10820	409124	121651	0	2	2.79	V
						DEFAULT_ 002	225.1 9	201.0 6	130.7 9	0.003 5	1	186464	22871	-36444	186462	0	-259534	2	7.12	V
62	21	411	Piano 2	30	Testa	AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	10	56415	-9446	6482	56413	-102823	0	2	10.88	V
						AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	1	27672	-4184	11069	27672	0	142856	2	12.91	V
					Piede	AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	10	238833	13850	-5031	238834	56737	0	2	4.10	V
						AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	1	107707	5283	-11512	107703	0	-119380	2	10.37	V
63	21	576	Piano 3	31	Testa	AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	14	26283	40802	6204	26283	105566	0	2	2.59	V
						AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	1	-29341	-18927	-17377	-29341	0	-151896	3	8.74	V
					Piede	AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	10	35923	-6697	-9338	35925	-103622	0	2	15.47	V
						AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	1	26030	-2678	-14923	26029	0	-138720	2	9.30	V
67	23	248	Piano 1	29	Testa	AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	15	-96279	-8607	-1812	-96278	-135245	0	3	15.71	V
						AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	1	120749	-1126	-6509	120753	0	-137522	2	21.13	V
					Piede	AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	17	32802	-30357	18818	32800	-113245	0	2	3.73	V
						AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	1	205861	-12159	50879	205862	0	105393	2	2.07	V
68	23	416	Piano 2	30	Testa	AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	14	-61051	-5341	2038	-61053	-124560	0	3	23.32	V
						AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	1	13403	-210	-21662	13402	0	-146697	2	6.77	V
					Piede	AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	12	7869	7927	4320	7867	112727	0	2	14.22	V
						AP DEFAULT_ 001	116.6 2	104.5 5	131.3 0	0.003 5	1	104375	4295	10993	104375	0	120477	2	10.96	V
69	23	581	Piano 3	30	Testa	AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	10	-8370	-27906	446	-8371	-113705	0	2	4.07	V
						AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	1	-43619	-6636	-32076	-43620	0	-157630	2	4.91	V
					Piede	AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	11	-21300	4372	604	-21301	116052	0	2	26.55	V
						AP DEFAULT_ 001	112.5 9	104.5 5	131.3 0	0.003 5	1	29929	208	20052	29930	0	138972	2	6.93	V
76	25	648	Piano 4	34	Testa	AP DEFAULT_ 001_001	58.43	50.39	125.3 5	0.003 5	16	-10550	13151	-1158	-10552	30495	0	3	2.32	V
						AP DEFAULT_ 001_001	58.43	50.39	125.3 5	0.003 5	1	-7979	7813	-6889	-7980	0	-93410	2	13.56	V
					Piede	AP DEFAULT_ 001_001	58.43	50.39	125.3 5	0.003 5	8	-9362	-15238	4576	-9362	-30382	0	3	1.99	V
						AP DEFAULT_ 001_001	58.43	50.39	125.3 5	0.003 5	1	-11283	7268	-7207	-11284	0	-94690	2	13.14	V
80	26	649	Piano 4	31	Testa	AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	3	2454	-18159	3270	2454	-110001	0	2	6.06	V
						AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	1	-23303	3838	-8490	-23302	0	-150587	3	17.74	V
					Piede	AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	3	-271	20457	-15450	-271	110484	0	2	5.40	V
						AP	112.5	104.5	111.0	0.003	1	-26028	-5443	28973	-26028	0	151179	3	5.22	V

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						DEFAULT_001	9	5	8	5										
81	27	255	Piano 1	39	Testa	DEFAULT_002	225.19	201.06	130.79	0.0035	10	10561	-27647	-745	10561	-205960	0	3	7.45	V
						DEFAULT_002	225.19	201.06	130.79	0.0035	1	-24417	-7260	-8851	-24415	0	-313422	3	35.41	V
					Piede	DEFAULT_002	225.19	201.06	130.79	0.0035	12	297303	58505	12884	297303	150602	0	2	2.57	V
						DEFAULT_002	225.19	201.06	130.79	0.0035	1	77606	20488	36455	77606	0	290468	2	7.97	V
83	27	588	Piano 3	31	Testa	AP DEFAULT_001	112.59	104.55	111.08	0.0035	12	-43500	-37541	-12519	-43501	-117575	0	3	3.13	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-21621	-16552	-22238	-21622	0	-150221	3	6.76	V
					Piede	AP DEFAULT_001	112.59	104.55	111.08	0.0035	12	-48115	34105	15568	-48115	118304	0	3	3.47	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-26235	15330	24270	-26234	0	151224	3	6.23	V
85	28	259	Piano 1	40	Testa	SOLO BASE 30	154.69	106.44	122.43	0.0035	15	-19394	11818	-6193	-19398	71854	0	3	6.08	V
						SOLO BASE 30	154.69	106.44	122.43	0.0035	1	98401	-142	-23243	98402	0	-396234	2	17.05	V
					Piede	SOLO BASE 30	154.69	106.44	122.43	0.0035	17	292256	-23846	34617	292262	-38525	0	2	1.62	V
						SOLO BASE 30	154.69	106.44	122.43	0.0035	1	219807	-8185	171979	219806	0	294801	2	1.71	V
86	28	424	Piano 2	36	Testa	AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	12	-43576	-14729	-22743	-43578	-41882	0	2	2.84	V
						AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	1	-8734	-7543	-26454	-8735	0	-205133	2	7.75	V
					Piede	AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	12	4503	14521	20214	4509	36359	0	2	2.50	V
						AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	1	63064	6802	21945	63063	0	151116	2	6.89	V
87	28	589	Piano 3	36	Testa	AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	12	-26442	-15088	-19447	-26440	-40018	0	2	2.65	V
						AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	1	-38553	-7844	-36486	-38552	0	-227002	2	6.22	V
					Piede	AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	12	-5043	14283	5771	-5046	37540	0	2	2.63	V
						AP DEFAULT_001_001	70.50	50.39	120.35	0.0035	1	7724	521	20524	7723	0	192884	2	9.40	V
90	29	428	Piano 2	34	Testa	AP DEFAULT_001_001	62.45	50.39	125.35	0.0035	17	-58973	13920	-6904	-58972	36073	0	3	2.59	V
						AP DEFAULT_001_001	62.45	50.39	125.35	0.0035	1	-31901	-5268	10219	-31901	0	106549	2	10.43	V
					Piede	AP DEFAULT_001_001	62.45	50.39	125.35	0.0035	17	-61903	-14485	6614	-61902	-36282	0	3	2.50	V
						AP DEFAULT_001_001	62.45	50.39	125.35	0.0035	1	-34831	5301	-10498	-34832	0	-107492	2	10.24	V
93	30	264	Piano 1	29	Testa	AP DEFAULT_001	124.66	104.55	130.79	0.0035	10	-62239	-19720	2581	-62242	-130104	0	3	6.60	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	-97182	-10421	6177	-97182	0	200268	3	32.42	V
					Piede	AP DEFAULT_001	124.66	104.55	130.79	0.0035	10	-67261	37434	-11619	-67263	130907	0	3	3.50	V
						AP DEFAULT_001	124.66	104.55	130.79	0.0035	1	-102205	17875	-30654	-102206	0	-201282	3	6.57	V
94	30	429	Piano 2	29	Testa	AP DEFAULT_001	116.62	104.55	130.79	0.0035	10	-45909	-47856	696	-45907	-123633	0	3	2.58	V
						AP DEFAULT_001	116.62	104.55	130.79	0.0035	1	-52015	-3791	-8002	-52015	0	-183594	2	22.94	V
					Piede	AP DEFAULT_001	116.62	104.55	130.79	0.0035	10	-51036	44469	-508	-51035	124484	0	3	2.80	V
						AP DEFAULT_001	116.62	104.55	130.79	0.0035	1	-57142	4060	6927	-57141	0	184921	3	26.70	V
99	31	595	Piano 3	31	Testa	AP DEFAULT_001	112.59	104.55	111.08	0.0035	10	-13733	-41764	744	-13734	-112768	0	3	2.70	V
						AP DEFAULT_001	112.59	104.55	111.08	0.0035	1	-14783	-4341	-19684	-14784	0	-148659	2	7.55	V
					Piede	AP DEFAULT_001	112.59	104.55	111.08	0.0035	17	-27983	-44667	1187	-27985	-115089	0	3	2.58	V



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						AP DEFAULT_ 001	112.5 9	104.5 5	111.0 8	0.003 5	1	-19286	5017	20397	-19287	0	149699	2	7.34	V
101	32	266	Piano 1	28	Testa	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	17	282	5949	-5207	281	34545	0	3	5.81	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	34852	-20	14982	34851	0	99960	2	6.67	V
					Piede	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	15	47981	-8876	-12670	47980	-29536	0	2	3.33	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	86977	-990	-32354	86977	0	-77410	2	2.39	V
102	32	431	Piano 2	35	Testa	AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	10	-31404	-11188	20	-31405	-32047	0	3	2.86	V
						AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	1	-11723	-2041	-15114	-11723	0	-98985	2	6.55	V
					Piede	AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	10	-34981	10992	2004	-34982	32259	0	3	2.93	V
						AP DEFAULT_ 001_001	62.45	50.39	93.50	0.003 5	1	41789	-628	-12810	41791	0	-78454	2	6.12	V
103	32	596	Piano 3	35	Testa	AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	10	-15682	-10377	2692	-15682	-29203	0	3	2.81	V
						AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	1	15075	-2042	-16362	15074	0	-84269	2	5.15	V
					Piede	AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	10	-7471	10456	-2086	-7472	28594	0	3	2.73	V
						AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	1	5495	-397	-12751	5495	0	-88009	2	6.90	V
114	35	437	Piano 2	40	Testa	SOLO BASE 30	126.5 4	106.4 4	122.4 3	0.003 5	15	-55681	21885	20843	-55680	65521	0	3	2.99	V
						SOLO BASE 30	126.5 4	106.4 4	122.4 3	0.003 5	1	-45315	12314	29238	-45315	0	449531	2	15.38	V
					Piede	SOLO BASE 30	126.5 4	106.4 4	122.4 3	0.003 5	12	-47823	22341	5165	-47819	64939	0	3	2.91	V
						SOLO BASE 30	126.5 4	106.4 4	122.4 3	0.003 5	1	-50851	-11646	-8981	-50850	0	-453611	2	50.51	V
117	36	273	Piano 1	28	Testa	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	17	2229	7989	-3927	2230	34357	0	3	4.30	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	47813	4123	-6691	47813	0	-94392	2	14.11	V
					Piede	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	17	9901	-11292	5370	9900	-33613	0	3	2.98	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	94772	-5816	28236	94772	0	73981	2	2.62	V
118	36	438	Piano 2	28	Testa	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	12	-36967	-13582	-11203	-36968	-37733	0	3	2.78	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	-13662	-7870	-14787	-13662	0	-119988	2	8.11	V
					Piede	AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	12	-6751	14041	5029	-6752	35218	0	3	2.51	V
						AP DEFAULT_ 001_001	70.50	50.39	124.3 6	0.003 5	1	27874	8081	6564	27874	0	102945	2	15.68	V
119	36	603	Piano 3	35	Testa	AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	15	7022	12339	9553	7022	27501	0	3	2.23	V
						AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	1	12929	6976	14620	12927	0	85108	2	5.82	V
					Piede	AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	12	-7987	14064	6628	-7988	28633	0	3	2.04	V
						AP DEFAULT_ 001_001	58.43	50.39	93.50	0.003 5	1	6584	8447	11297	6583	0	87584	2	7.75	V
123	37	607	Piano 3	22	Testa	AP DEFAULT	80.42	68.36	115.4 5	0.003 5	15	2089	28191	16702	2089	77584	0	2	2.75	V
						AP DEFAULT	80.42	68.36	115.4 5	0.003 5	1	-495	17703	17417	-495	0	77133	2	4.43	V
					Piede	AP DEFAULT	80.42	68.36	115.4 5	0.003 5	15	-1500	-28269	-19686	-1501	-78260	0	2	2.77	V
						AP DEFAULT	80.42	68.36	115.4 5	0.003 5	1	-4085	-17832	-20497	-4084	0	-77808	2	3.80	V
129	39	279	Piano 1	29	Testa	AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	17	-106279	13490	1450	-106281	136671	0	3	10.13	V
						AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	1	-96928	-2189	4962	-96928	0	200216	3	40.35	V
					Piede	AP DEFAULT_ 001	124.6 6	104.5 5	130.7 9	0.003 5	10	-13934	35547	-15624	-13931	122097	0	2	3.43	V

# Relazione di calcolo

						001														
						AP	124.6	104.5	130.7	0.003	1	-54646	-25338	32360	-54647	0	190514	3	5.89	V
						DEFAULT_	6	5	9	5										
						001														
130	39	444	Piano 2	30	Testa	AP	116.6	104.5	131.3	0.003	17	-70389	34752	-296	-70387	126047	0	3	3.63	V
						DEFAULT_	2	5	0	5										
						001														
						AP	116.6	104.5	131.3	0.003	1	-7206	-31231	5229	-7209	0	151829	2	29.03	V
						DEFAULT_	2	5	0	5										
						001														
					Piede	AP	116.6	104.5	131.3	0.003	17	-75004	-35257	986	-75002	-126764	0	3	3.60	V
						DEFAULT_	2	5	0	5										
						001														
						AP	116.6	104.5	131.3	0.003	1	-11821	31179	-6715	-11821	0	-152937	2	22.78	V
						DEFAULT_	2	5	0	5										
						001														
131	39	609	Piano 3	31	Testa	AP	112.5	104.5	111.0	0.003	17	-33856	24604	-3885	-33856	116035	0	3	4.72	V
						DEFAULT_	9	5	8	5										
						001														
						AP	112.5	104.5	111.0	0.003	1	-24777	-14835	19839	-24777	0	150908	3	7.61	V
						DEFAULT_	9	5	8	5										
						001														
					Piede	AP	112.5	104.5	111.0	0.003	17	-38470	-24762	-2331	-38470	-116774	0	3	4.72	V
						DEFAULT_	9	5	8	5										
						001														
						AP	112.5	104.5	111.0	0.003	1	-38994	476	-7506	-38994	0	-153971	3	20.51	V
						DEFAULT_	9	5	8	5										
						001														
132	39	662	Piano 4	34	Testa	AP	58.43	50.39	125.3	0.003	15	-14235	23365	7376	-14235	30842	0	3	1.32	V
						DEFAULT_	001_001													
						001														
						AP	58.43	50.39	125.3	0.003	1	-14096	18984	9134	-14096	0	95779	2	10.49	V
						DEFAULT_	001_001													
						001														
					Piede	AP	58.43	50.39	125.3	0.003	6	-5329	20039	-5161	-5328	29998	0	3	1.50	V
						DEFAULT_	001_001													
						001														
						AP	58.43	50.39	125.3	0.003	1	-12766	-10869	12123	-12764	0	95263	2	7.86	V
						DEFAULT_	001_001													
						001														
133	40	280	Piano 1	39	Testa	DEFAULT_	221.1	201.0	130.7	0.003	10	247345	-18806	12933	247335	-160129	0	2	8.51	V
						002	7	6	9	5										
						002														
						002														
					Piede	DEFAULT_	221.1	201.0	130.7	0.003	10	507569	63744	-17344	507565	92479	0	2	1.45	V
						002	7	6	9	5										
						002														
						002														
134	40	445	Piano 2	29	Testa	AP	128.6	104.5	130.7	0.003	10	-58129	-41183	15421	-58127	-131346	0	3	3.19	V
						DEFAULT_	8	5	9	5										
						001														
						AP	128.6	104.5	130.7	0.003	1	-54790	-24095	20407	-54789	0	193841	3	9.50	V
						DEFAULT_	8	5	9	5										
						001														
					Piede	AP	128.6	104.5	130.7	0.003	10	266514	51929	-16112	266512	58991	0	2	1.14	V
						DEFAULT_	8	5	9	5										
						001														
						AP	128.6	104.5	130.7	0.003	1	266514	51929	-16112	266514	0	-86324	2	5.36	V
						DEFAULT_	8	5	9	5										
						001														
135	40	610	Piano 3	29	Testa	AP	112.5	104.5	130.7	0.003	17	105863	45536	-10859	105867	88867	0	2	1.95	V
						DEFAULT_	9	5	9	5										
						001														
						AP	112.5	104.5	130.7	0.003	1	57356	26083	-15476	57357	0	-147567	2	9.54	V
						DEFAULT_	9	5	9	5										
						001														
					Piede	AP	112.5	104.5	130.7	0.003	10	89738	25103	-19236	89735	92913	0	2	3.70	V
						DEFAULT_	9	5	9	5										
						001														
						AP	112.5	104.5	130.7	0.003	1	89738	25103	-19236	89735	0	-136153	2	7.08	V
						DEFAULT_	9	5	9	5										
						001														
136	40	663	Piano 4	30	Testa	AP	112.5	104.5	131.3	0.003	17	93251	-22123	1753	93245	-91769	0	2	4.15	V
						DEFAULT_	9	5	0	5										
						001														
						AP	112.5	104.5	131.3	0.003	1	-79897	14038	9885	-79898	0	165486	3	16.74	V
						DEFAULT_	9	5	0	5										
						001														
					Piede	AP	112.5	104.5	131.3	0.003	17	90527	43828	-6486	90529	92443	0	2	2.11	V
						DEFAULT_	9	5	0	5										
						001														
						AP	112.5	104.5	131.3	0.003	1	-1694	6868	-19256	-1693	0	-147529	2	7.66	V
						DEFAULT_	9	5	0	5										
						001														
137	41	284	Piano 1	39	Testa	DEFAULT_	221.1	201.0	130.7	0.003	17	222215	22794	6669	222218	165920	0	2	7.28	V
						002	7	6	9	5										
						002														
						002														
					Piede	DEFAULT_	221.1	201.0	130.7	0.003	17	487814	-64181	9577	487814	-97798	0	2	1.52	V
						002	7	6	9	5										
						002														
						002														
138	41	449	Piano 2	29	Testa	AP	136.7	104.5	130.7	0.003	10	20303	-45327	-7134	20300	-122226	0	2	2.70	V
						DEFAULT_	2	5	9	5										
						001														
						AP	136.7	104.5	130.7	0.003	1	-86597	39336	22789	-86599	0	206839	3	9.08	V
						DEFAULT_	2	5	9	5										
						001														
					Piede	AP	136.7	104.5	130.7	0.003	17	271272	-56319	-15053	271272	-64113	0	2	1.14	V

						DEFAULT_001	2	5	9	5										
						AP DEFAULT_001	136.7 2	104.5 5	130.7 9	0.003 5	1	214458	-46465	-23150	214455	0	-115234	2	4.98	V
139	41	614	Piano 3	29	Testa	AP DEFAULT_001	112.5 9	104.5 5	130.7 9	0.003 5	10	99156	-47216	-5641	99155	-90564	0	2	1.92	V
						AP DEFAULT_001	112.5 9	104.5 5	130.7 9	0.003 5	1	74585	3914	-18784	74585	0	-141752	2	7.55	V
					Piede	AP DEFAULT_001	112.5 9	104.5 5	130.7 9	0.003 5	17	86179	-29876	-15386	86178	-93797	0	2	3.14	V
						AP DEFAULT_001	112.5 9	104.5 5	130.7 9	0.003 5	1	63454	-23280	-22236	63454	0	-145551	2	6.55	V
140	41	664	Piano 4	30	Testa	AP DEFAULT_001	112.5 9	104.5 5	131.3 0	0.003 5	10	92001	33637	636	91995	92079	0	2	2.74	V
						AP DEFAULT_001	112.5 9	104.5 5	131.3 0	0.003 5	1	4859	3836	6494	4861	0	145803	2	22.45	V
					Piede	AP DEFAULT_001	112.5 9	104.5 5	131.3 0	0.003 5	10	88016	-45507	9849	88011	-93068	0	2	2.05	V
						AP DEFAULT_001	112.5 9	104.5 5	131.3 0	0.003 5	1	-75638	25173	-15546	-75637	0	-164585	3	10.59	V
141	42	288	Piano 1	28	Testa	AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	17	60049	12217	-1556	60053	28045	0	2	2.30	V
						AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	1	-84214	-7563	5520	-84214	0	142658	3	25.84	V
					Piede	AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	17	56892	-12655	3555	56891	-28438	0	2	2.25	V
						AP DEFAULT_001_001	70.50	50.39	124.3 6	0.003 5	1	17910	-7495	19884	17911	0	107194	2	5.39	V
142	42	453	Piano 2	34	Testa	AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	17	29509	18088	2126	29510	28250	0	2	1.56	V
						AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	1	18686	14336	3997	18683	0	87661	2	21.93	V
					Piede	AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	17	26579	-17737	-2520	26583	-28563	0	2	1.61	V
						AP DEFAULT_001_001	62.45	50.39	125.3 5	0.003 5	1	15756	-14043	-4099	15758	0	-88803	2	21.66	V
143	42	618	Piano 3	35	Testa	AP DEFAULT_001_001	62.45	50.39	93.50	0.003 5	17	4643	17351	1789	4643	29437	0	3	1.70	V
						AP DEFAULT_001_001	62.45	50.39	93.50	0.003 5	1	-14562	-1556	8463	-14562	0	99905	2	11.81	V
					Piede	AP DEFAULT_001_001	62.45	50.39	93.50	0.003 5	17	1713	-17635	-660	1714	-29659	0	3	1.68	V
						AP DEFAULT_001_001	62.45	50.39	93.50	0.003 5	1	-17492	1577	-5868	-17493	0	-100841	2	17.18	V

### 3.1.2.1.1.3 Capacità Deformazione - PGA SLV = 0.4254 g.

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;

## Relazione di calcolo

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

Tabella 87.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 <sub>pl</sub> [cm]	Φ <sub>y</sub> [rad/cm]	Φ <sub>u</sub> [rad/cm]	θ <sub>y</sub> [rad]	Domanda [rad]	θ <sub>u</sub> [rad]	S	Esit o
2	379	Pian o 2	1	30	Testa	X	1	13	-62151	-21909	171	72	0.00004	0.00016	0.00525	0.00056	0.00603	10.79	V
						Y	1	1	-43199	-1196	195	78	0.00004	0.00017	0.00559	0.00027	0.00678	25.34	V
					Piede	X	2	3	-62424	23207	176	72	0.00004	0.00016	0.00529	0.00057	0.00609	10.68	V
						Y	2	8	-19379	-5105	137	72	0.00004	0.00018	0.00516	0.00028	0.00626	22.35	V
3	544	Pian o 3	1	31	Testa	X	1	13	-23084	-33246	188	90	0.00004	0.00014	0.00589	0.00062	0.00632	10.19	V
						Y	1	3	-21353	-2166	197	94	0.00004	0.00014	0.00616	0.00027	0.00664	24.39	V
					Piede	X	2	3	-25968	28199	165	87	0.00004	0.00014	0.00568	0.00063	0.00597	9.48	V
						Y	2	1	-20114	591	112	86	0.00004	0.00014	0.00568	0.00028	0.00549	19.89	V
11	388	Pian o 2	4	7	Testa	X	1	13	-36332	-208	78	48	0.00007	0.00054	0.00524	0.00043	0.00885	20.60	V
						Y	1	1	-30632	-3748	177	61	0.00006	0.00061	0.00694	0.00020	0.01472	73.03	V
					Piede	X	2	12	-24149	496	129	53	0.00006	0.00068	0.00569	0.00038	0.01350	35.41	V
						Y	2	1	-32390	3405	176	61	0.00007	0.00059	0.00697	0.00020	0.01430	71.25	V
12	553	Pian o 3	4	21	Testa	X	1	13	-16306	-4324	238	76	0.00007	0.00061	0.00842	0.00038	0.01841	48.94	V
						Y	1	3	-15355	-4527	184	74	0.00006	0.00063	0.00750	0.00019	0.01735	93.03	V
					Piede	X	2	6	-11521	32	16	54	0.00006	0.00070	0.00790	0.00039	0.00336	8.66	V
						Y	2	3	-17113	3986	169	73	0.00007	0.00060	0.00732	0.00019	0.01596	83.31	V
13	221	Pian o 1	5	2	Testa	X	1	3	-79397	-724	63	47	0.00008	0.00025	0.00565	0.00054	0.00452	8.38	V
						Y	1	1	-71601	-7154	162	62	0.00008	0.00027	0.00770	0.00017	0.00741	42.59	V
					Piede	X	2	3	-81406	4038	284	69	0.00008	0.00024	0.01062	0.00038	0.00872	23.20	V
						Y	2	3	-81406	8070	180	63	0.00008	0.00024	0.00833	0.00017	0.00718	42.73	V
14	389	Pian o 2	5	7	Testa	X	1	13	-47036	-32	55	46	0.00007	0.00041	0.00530	0.00048	0.00613	12.87	V
						Y	1	3	-47516	-5380	177	61	0.00007	0.00041	0.00743	0.00019	0.01047	55.62	V
					Piede	X	2	13	-48794	518	298	70	0.00007	0.00040	0.00997	0.00045	0.01285	28.37	V
						Y	2	3	-49274	5440	176	61	0.00007	0.00039	0.00747	0.00018	0.01014	56.33	V
15	554	Pian o 3	5	7	Testa	X	1	12	-21067	4434	226	63	0.00006	0.00075	0.00718	0.00035	0.01887	53.58	V
						Y	1	6	-20993	4036	159	60	0.00006	0.00075	0.00624	0.00015	0.01681	109.40	V
					Piede	X	2	1	-17284	-30	11	41	0.00006	0.00081	0.00995	0.00024	0.00423	17.28	V
						Y	2	1	-17284	3735	181	62	0.00006	0.00081	0.00646	0.00015	0.01905	124.23	V
16	222	Pian o 1	6	2	Testa	X	1	15	-24377	-255	16	42	0.00006	0.00060	0.00751	0.00025	0.00319	12.98	V
						Y	1	6	-40553	2629	131	59	0.00007	0.00043	0.00651	0.00016	0.00984	62.55	V
					Piede	X	2	6	-42562	-3044	269	67	0.00007	0.00042	0.00892	0.00027	0.01252	46.30	V
						Y	2	6	-42562	-4804	216	67	0.00007	0.00042	0.00805	0.00012	0.01182	101.15	V
17	390	Pian o 2	6	7	Testa	X	1	12	-24062	209	58	46	0.00006	0.00068	0.00496	0.00039	0.00945	24.04	V
						Y	1	6	-25522	1836	188	63	0.00006	0.00066	0.00697	0.00014	0.01629	117.14	V
					Piede	X	2	12	-25820	-595	295	70	0.00006	0.00066	0.00885	0.00038	0.01435	51.58	V
						Y	2	6	-27280	-1647	165	60	0.00006	0.00064	0.00663	0.00015	0.01500	103.00	V
18	555	Pian o 3	6	21	Testa	X	1	12	-10114	2924	240	77	0.00006	0.00072	0.00801	0.00036	0.02154	59.85	V
						Y	1	3	-2296	-2630	185	75	0.00006	0.00089	0.00671	0.00015	0.02401	156.89	V
					Piede	X	2	12	-11872	-1148	113	64	0.00006	0.00069	0.00586	0.00045	0.01468	32.65	V
						Y	2	6	-12361	-1818	163	72	0.00006	0.00068	0.00696	0.00012	0.01772	142.04	V
19	223	Pian o 1	7	10	Testa	X	1	13	-29510	-773	84	49	0.00006	0.00055	0.00518	0.00045	0.00932	20.91	V
						Y	1	6	-50199	4769	142	60	0.00007	0.00037	0.00687	0.00022	0.00884	39.73	V
					Piede	X	2	12	-60982	-2883	347	75	0.00007	0.00031	0.01138	0.00034	0.01161	34.59	V
						Y	2	6	-52208	-7560	205	66	0.00007	0.00035	0.00809	0.00018	0.01010	57.32	V
20	391	Pian o 2	7	7	Testa	X	1	13	-18668	-283	88	49	0.00006	0.00074	0.00503	0.00043	0.01246	29.28	V
						Y	1	1	-30081	-3217	179	62	0.00006	0.00062	0.00695	0.00020	0.01490	74.11	V
					Piede	X	2	12	-39564	396	140	54	0.00007	0.00049	0.00625	0.00037	0.01055	28.12	V
						Y	2	1	-31839	3276	174	61	0.00006	0.00060	0.00692	0.00020	0.01435	70.81	V
21	556	Pian o 3	7	21	Testa	X	1	10	-16991	-185	120	65	0.00007	0.00060	0.00621	0.00024	0.01333	54.85	V
						Y	1	1	-14223	-3584	188	75	0.00006	0.00065	0.00749	0.00019	0.01799	93.23	V
					Piede	X	2	13	-9513	1732	115	64	0.00006	0.00074	0.00579	0.00050	0.01571	31.40	V
						Y	2	1	-15981	3123	165	73	0.00006	0.00061	0.00720	0.00020	0.01628	83.44	V
22	224	Pian o 1	8	2	Testa	X	1	13	-57831	-417	50	45	0.00007	0.00033	0.00539	0.00053	0.00496	9.34	V
						Y	1	8	-59583	4515	142	60	0.00007	0.00032	0.00706	0.00021	0.00790	37.76	V
					Piede	X	2	13	-59840	3749	297	70	0.00007	0.00032	0.01015	0.00036	0.01070	29.37	V
						Y	2	8	-61592	-7072	205	66	0.00007	0.00031	0.00835	0.00016	0.00908	55.06	V
24	557	Pian o 3	8	7	Testa	X	1	13	-19488	-2412	248	65	0.00006	0.00077	0.00752	0.00039	0.02033	51.90	V
						Y	1	3	-19345	-3679	189	63	0.00006	0.00077	0.00667	0.00016	0.01871	120.34	V
					Piede	X	2	13	-21246	827	105	51	0.00006	0.00074	0.00520	0.00046	0.01341	29.20	V
						Y	2	3	-21103	3122	164	60	0.00006	0.00075	0.00633	0.00017	0.01701	102.91	V
26	393	Pian o 2	9	7	Testa	X	1	3	-20476	-18	63	47	0.00006	0.00072	0.00491	0.00034	0.01032	29.98	V
						Y	1	3	-20476	-2598	178	62	0.00006	0.00072	0.00665	0.00016	0.01717	110.30	V
					Piede	X	2	12	-20345	-859	226	63	0.00006	0.00072	0.00729	0.00037	0.01838	49.86	V
						Y	2	3	-22234	2615	175	61	0.00006	0.00070	0.00664	0.00016	0.01657	104.97	V
27	558	Pian o 3	9	21	Testa	X	1	13	-5226	-2179	240	77	0.00006	0.00083	0.00763	0.00039	0.02424	61.64	V
						Y	1	3	-7981	-3250	187	75	0.00006	0.00077	0.00709	0.00015	0.02098	140.14	V
					Piede	X	2	12	-9338	-1450	120	65	0.00006	0.00074	0.00586	0.00044	0.01610	36.74	V
						Y	2	3	-9739	2820	166	73	0.00006	0.00073	0.00686	0.00015	0.01908	126.07	V
28	226	Pian o 1	10	10	Testa	X	1	12	-38045	605	63	47	0.00007	0.00045	0.00515	0.00043	0.00705	16.38	V

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						Piede	Y	1	8	-42820	5167	142	60	0.00007	0.00041	0.00671	0.00023	0.00979	41.67	V
						Piede	X	2	13	-52187	3995	221	63	0.00007	0.00035	0.00818	0.00030	0.00994	32.96	V
							Y	2	8	-44829	-7986	205	66	0.00007	0.00040	0.00791	0.00019	0.01117	59.99	V
29	394	Piano 2	10	7	Testa	X	1	13	-25027	-2407	167	57	0.00006	0.00067	0.00636	0.00040	0.01491	36.90	V	
							Y	1	1	-29744	-3382	179	62	0.00006	0.00062	0.00694	0.00020	0.01498	74.35	V
						Piede	X	2	13	-26785	2668	186	59	0.00006	0.00065	0.00677	0.00040	0.01526	38.36	V
							Y	2	1	-31502	3385	174	61	0.00006	0.00060	0.00690	0.00020	0.01441	71.00	V
30	559	Piano 3	10	21	Testa	X	1	12	-11499	881	196	72	0.00006	0.00070	0.00727	0.00038	0.01897	50.52	V	
							Y	1	1	-11469	-3191	188	75	0.00006	0.00070	0.00733	0.00019	0.01929	100.75	V
						Piede	X	2	13	-11317	2874	151	68	0.00006	0.00070	0.00645	0.00043	0.01699	39.66	V
							Y	2	1	-13227	2847	165	73	0.00006	0.00066	0.00704	0.00019	0.01742	90.87	V
31	227	Piano 1	11	2	Testa	X	1	13	-75364	-4443	159	56	0.00008	0.00026	0.00737	0.00041	0.00672	16.56	V	
							Y	1	3	-71408	-4009	141	60	0.00008	0.00027	0.00727	0.00019	0.00699	36.56	V
						Piede	X	2	13	-77374	5371	188	59	0.00008	0.00025	0.00808	0.00036	0.00715	20.05	V
							Y	2	3	-73417	6413	207	66	0.00008	0.00027	0.00871	0.00015	0.00815	54.14	V
32	395	Piano 2	11	7	Testa	X	1	13	-40385	-3941	172	58	0.00007	0.00048	0.00690	0.00044	0.01135	26.09	V	
							Y	1	8	-41809	2776	186	62	0.00007	0.00047	0.00743	0.00016	0.01190	76.22	V
						Piede	X	2	13	-42143	4177	181	58	0.00007	0.00046	0.00714	0.00042	0.01123	26.68	V
							Y	2	8	-43567	-2510	167	60	0.00007	0.00045	0.00713	0.00016	0.01098	66.72	V
33	560	Piano 3	11	7	Testa	X	1	13	-12010	-3112	170	57	0.00006	0.00083	0.00603	0.00043	0.01824	42.65	V	
							Y	1	3	-12096	-3271	187	62	0.00006	0.00083	0.00653	0.00016	0.01988	127.98	V
						Piede	X	2	12	-18402	-4797	175	58	0.00006	0.00075	0.00630	0.00035	0.01679	47.53	V
							Y	2	3	-13854	2825	166	60	0.00006	0.00081	0.00625	0.00016	0.01836	116.84	V
34	228	Piano 1	12	2	Testa	X	1	12	-46604	3692	165	57	0.00007	0.00039	0.00684	0.00029	0.00929	32.15	V	
							Y	1	6	-44268	3491	146	60	0.00007	0.00040	0.00680	0.00015	0.00969	65.82	V
						Piede	X	2	12	-48613	-4108	182	59	0.00007	0.00038	0.00723	0.00027	0.00945	35.52	V
							Y	2	6	-46277	-5221	201	66	0.00007	0.00039	0.00787	0.00012	0.01084	90.45	V
35	396	Piano 2	12	7	Testa	X	1	12	-27184	4415	177	58	0.00006	0.00065	0.00660	0.00037	0.01481	40.42	V	
							Y	1	6	-26082	2507	185	62	0.00006	0.00066	0.00693	0.00014	0.01603	114.72	V
						Piede	X	2	12	-28942	-4378	176	58	0.00006	0.00063	0.00665	0.00037	0.01443	39.05	V
							Y	2	6	-27840	-2244	168	61	0.00006	0.00064	0.00670	0.00015	0.01500	102.14	V
36	561	Piano 3	12	21	Testa	X	1	13	-4628	-2461	168	69	0.00006	0.00084	0.00636	0.00043	0.02099	48.85	V	
							Y	1	3	-6949	-2797	187	75	0.00006	0.00079	0.00703	0.00015	0.02153	143.93	V
						Piede	X	2	13	-6386	2767	185	71	0.00006	0.00080	0.00675	0.00038	0.02099	55.49	V
							Y	2	3	-8707	2444	166	73	0.00006	0.00075	0.00680	0.00015	0.01956	132.37	V
37	229	Piano 1	13	10	Testa	X	1	13	-32342	-444	79	48	0.00006	0.00051	0.00517	0.00042	0.00858	20.40	V	
							Y	1	6	-49566	4865	143	60	0.00007	0.00037	0.00686	0.00022	0.00892	40.05	V
						Piede	X	2	12	-58965	-2643	347	75	0.00007	0.00032	0.01130	0.00031	0.01184	37.65	V
							Y	2	6	-51575	-7624	204	66	0.00007	0.00036	0.00807	0.00018	0.01017	57.36	V
38	397	Piano 2	13	7	Testa	X	1	13	-20408	-725	101	50	0.00006	0.00072	0.00521	0.00042	0.01289	30.62	V	
							Y	1	1	-29954	-3180	179	62	0.00006	0.00062	0.00695	0.00020	0.01493	73.97	V
						Piede	X	2	12	-38204	327	137	54	0.00007	0.00051	0.00617	0.00036	0.01077	29.68	V
							Y	2	1	-31712	3190	174	61	0.00006	0.00060	0.00691	0.00020	0.01438	70.79	V
39	562	Piano 3	13	21	Testa	X	1	11	-16404	-152	94	62	0.00007	0.00061	0.00580	0.00028	0.01206	42.52	V	
							Y	1	1	-12893	-3678	190	75	0.00006	0.00067	0.00745	0.00019	0.01869	99.79	V
						Piede	X	2	13	-9910	1660	110	64	0.00006	0.00073	0.00574	0.00049	0.01525	31.42	V
							Y	2	1	-14651	2862	163	72	0.00006	0.00064	0.00709	0.00019	0.01673	87.15	V
40	230	Piano 1	14	2	Testa	X	1	14	-54073	75	17	42	0.00007	0.00034	0.00763	0.00047	0.00324	6.86	V	
							Y	1	8	-78272	8677	172	63	0.00008	0.00025	0.00807	0.00018	0.00719	39.93	V
						Piede	X	2	12	-56774	-3659	268	67	0.00007	0.00033	0.00937	0.00032	0.01043	32.30	V
							Y	2	8	-80282	-8737	175	63	0.00008	0.00025	0.00819	0.00018	0.00714	39.85	V
41	398	Piano 2	14	7	Testa	X	1	13	-34458	-4	45	45	0.00007	0.00056	0.00523	0.00044	0.00695	15.80	V	
							Y	1	8	-45453	4514	174	61	0.00007	0.00043	0.00732	0.00016	0.01079	65.97	V
						Piede	X	2	12	-35455	-1219	217	62	0.00007	0.00055	0.00765	0.00038	0.01415	37.37	V
							Y	2	8	-47211	-4680	179	62	0.00007	0.00041	0.00746	0.00016	0.01057	66.72	V
42	563	Piano 3	14	7	Testa	X	1	13	-17287	-2138	256	66	0.00006	0.00081	0.00757	0.00037	0.02151	57.55	V	
							Y	1	8	-20395	4184	177	62	0.00006	0.00076	0.00652	0.00015	0.01784	120.82	V
						Piede	X	2	16	-21207	11	33	44	0.00006	0.00074	0.00538	0.00031	0.00666	21.32	V
							Y	2	6	-20925	-4448	175	61	0.00006	0.00075	0.00650	0.00014	0.01757	122.91	V
44	399	Piano 2	15	7	Testa	X	1	3	-13048	-44	32	44	0.00006	0.00082	0.00540	0.00027	0.00675	25.34	V	
							Y	1	6	-21910	2532	185	62	0.00006	0.00071	0.00681	0.00014	0.01709	121.57	V
						Piede	X	2	12	-24376	-977	228	63	0.00006	0.00068	0.00749	0.00036	0.01741	48.80	V
							Y	2	6	-23668	-2250	168	61	0.00006	0.00069	0.00657	0.00015	0.01593	107.59	V
45	564	Piano 3	15	7	Testa	X	1	13	-3508	-2294	245	65	0.00005	0.00107	0.00675	0.00037	0.02716	72.77	V	
							Y	1	3	-3984	-3367	192	63	0.00005	0.00106	0.00615	0.00014	0.02510	174.56	V
						Piede	X	2	12	-11635	-1384	116	52	0.00006	0.00091	0.00511	0.00041	0.01677	40.78	V
							Y	2	3	-5742	2749	161	60	0.00005	0.00102	0.00579	0.00015	0.02249	148.65	V
46	232	Piano 1	16	10	Testa	X	1	13	-55613	-399	75	48	0.00007	0.00034	0.00544	0.00041	0.00597	14.53	V	
							Y	1	8	-48953	4907	140	59	0.00007	0.00037	0.00680	0.00024	0.00892	37.83	V
						Piede	X	2	13	-57623	3187	272	68	0.00007	0.00033	0.00950	0.00029	0.01043	36.31	V
							Y	2	8	-50962	-7900	207	66	0.00007	0.00036	0.00811	0.00019	0.01032	55.54	V
47	400	Piano 2	16	7	Testa	X	1	13	-35466	-237	67	47	0.00007	0.00055	0.00515	0.00042	0.00843	20.07	V	
							Y	1	8	-31127	2994	186	62	0.00006	0.00060	0.00710	0.00019	0.01492	78.74	V
						Piede	X	2	12	-22740	328	117	52	0.00006	0.00070	0.00547	0.00036	0.01323	36.90	V
							Y	2	8	-32885	-2790	167	60	0.00007	0.00059	0.00683	0.00020	0.01389	69.84	V
48	565	Piano 3																		

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					Piede	X	2	13	-17403	1374	106	63	0.00007	0.00059	0.00601	0.00048	0.01245	25.71	V
						Y	2	8	-15336	-2644	165	73	0.00006	0.00063	0.00716	0.00018	0.01655	93.63	V
49	233	Piano 1	17	29	Testa	X	1	13	-32585	4769	87	63	0.00004	0.00017	0.00482	0.00050	0.00510	10.10	V
						Y	1	8	-11453	19928	87	68	0.00004	0.00014	0.00567	0.00017	0.00495	28.85	V
					Piede	X	2	12	-86797	-24000	87	63	0.00004	0.00015	0.00493	0.00047	0.00471	9.93	V
						Y	2	8	-16639	-38320	87	68	0.00004	0.00013	0.00578	0.00017	0.00468	27.29	V
52	237	Piano 1	18	2	Testa	X	1	13	-27367	22	11	41	0.00006	0.00058	0.00954	0.00037	0.00405	10.84	V
						Y	1	6	-38607	4500	158	61	0.00007	0.00045	0.00688	0.00014	0.01095	77.28	V
					Piede	X	2	13	-29376	2542	336	74	0.00006	0.00055	0.00984	0.00027	0.01778	66.80	V
						Y	2	8	-44281	-6004	179	63	0.00007	0.00040	0.00740	0.00013	0.01059	84.46	V
53	405	Piano 2	18	7	Testa	X	1	3	-7683	7	6	41	0.00006	0.00089	0.01509	0.00023	0.00641	27.91	V
						Y	1	6	-22351	3007	175	61	0.00006	0.00070	0.00665	0.00015	0.01655	112.24	V
					Piede	X	2	13	-17466	581	264	67	0.00006	0.00076	0.00788	0.00038	0.02070	53.86	V
						Y	2	8	-26036	-3945	174	61	0.00006	0.00066	0.00674	0.00014	0.01561	113.08	V
54	570	Piano 3	18	21	Testa	X	1	13	-3407	-3124	247	77	0.00006	0.00087	0.00761	0.00035	0.02567	72.43	V
						Y	1	6	-8644	2408	174	73	0.00006	0.00075	0.00693	0.00014	0.02002	145.48	V
					Piede	X	2	13	-5165	1089	106	63	0.00006	0.00083	0.00548	0.00046	0.01685	36.32	V
						Y	2	6	-10402	-2498	179	74	0.00006	0.00072	0.00711	0.00012	0.01938	156.06	V
56	406	Piano 2	19	7	Testa	X	1	13	-30921	-182	69	47	0.00006	0.00061	0.00509	0.00041	0.00931	22.49	V
						Y	1	1	-27652	-3184	180	62	0.00006	0.00064	0.00690	0.00020	0.01550	77.38	V
					Piede	X	2	11	-26674	245	101	51	0.00006	0.00065	0.00534	0.00035	0.01176	33.13	V
						Y	2	1	-29410	3169	173	61	0.00006	0.00062	0.00682	0.00020	0.01481	72.51	V
57	571	Piano 3	19	21	Testa	X	1	13	-13555	-3953	249	78	0.00006	0.00066	0.00843	0.00034	0.02011	59.66	V
						Y	1	1	-11568	-2821	187	75	0.00006	0.00069	0.00732	0.00019	0.01920	102.90	V
					Piede	X	2	13	-15313	1454	104	63	0.00006	0.00063	0.00589	0.00047	0.01299	27.74	V
						Y	2	1	-13326	2542	166	73	0.00006	0.00066	0.00706	0.00018	0.01743	94.51	V
59	407	Piano 2	20	30	Testa	X	1	14	-25830	4777	88	64	0.00004	0.00017	0.00483	0.00057	0.00518	9.01	V
						Y	1	8	-42168	9118	88	67	0.00004	0.00017	0.00531	0.00021	0.00533	25.53	V
					Piede	X	2	14	-31516	4898	88	64	0.00004	0.00017	0.00485	0.00057	0.00514	8.93	V
						Y	2	8	-61986	-6115	88	67	0.00004	0.00016	0.00536	0.00021	0.00517	24.78	V
60	572	Piano 3	20	30	Testa	X	1	13	-15359	-21585	88	64	0.00004	0.00018	0.00481	0.00032	0.00534	16.56	V
						Y	1	3	-5029	-5831	88	67	0.00004	0.00019	0.00523	0.00020	0.00574	28.43	V
					Piede	X	2	13	-20541	3852	88	64	0.00004	0.00018	0.00482	0.00032	0.00528	16.39	V
						Y	2	3	-12244	4869	88	67	0.00004	0.00018	0.00525	0.00020	0.00566	28.03	V
64	247	Piano 1	22	2	Testa	X	1	16	-57105	-225	66	47	0.00007	0.00033	0.00539	0.00040	0.00560	13.89	V
						Y	1	8	-47047	5325	144	60	0.00007	0.00039	0.00684	0.00023	0.00928	39.88	V
					Piede	X	2	16	-59114	2989	281	68	0.00007	0.00032	0.00974	0.00028	0.01044	37.62	V
						Y	2	8	-49056	-8071	203	66	0.00007	0.00037	0.00797	0.00019	0.01047	56.13	V
65	415	Piano 2	22	7	Testa	X	1	14	-37258	-677	86	49	0.00007	0.00052	0.00534	0.00048	0.00904	18.89	V
						Y	1	1	-27457	-2735	179	62	0.00006	0.00064	0.00687	0.00020	0.01548	76.79	V
					Piede	X	2	11	-21692	191	93	50	0.00006	0.00071	0.00514	0.00036	0.01219	33.84	V
						Y	2	8	-31493	-3154	168	61	0.00006	0.00060	0.00681	0.00020	0.01422	71.34	V
66	580	Piano 3	22	21	Testa	X	1	14	-16692	-3980	253	78	0.00007	0.00060	0.00875	0.00034	0.01876	55.58	V
						Y	1	3	-14389	-2640	189	75	0.00006	0.00064	0.00753	0.00017	0.01798	102.91	V
					Piede	X	2	14	-18450	1433	100	63	0.00007	0.00057	0.00596	0.00047	0.01166	24.86	V
						Y	2	8	-14265	-3714	163	72	0.00006	0.00064	0.00706	0.00019	0.01689	91.02	V
71	420	Piano 2	24	7	Testa	X	1	14	-29002	-2190	163	57	0.00006	0.00063	0.00641	0.00044	0.01392	31.54	V
						Y	1	3	-27623	-1744	165	60	0.00006	0.00064	0.00663	0.00015	0.01490	96.28	V
					Piede	X	2	16	-30760	2552	190	59	0.00006	0.00061	0.00696	0.00039	0.01453	36.99	V
						Y	2	3	-29381	2007	188	63	0.00006	0.00062	0.00710	0.00015	0.01540	101.87	V
72	585	Piano 3	24	21	Testa	X	1	14	-9278	-3418	204	73	0.00006	0.00074	0.00728	0.00036	0.02042	57.46	V
						Y	1	1	-10714	-685	166	73	0.00006	0.00071	0.00692	0.00015	0.01863	124.45	V
					Piede	X	2	14	-11036	2325	149	67	0.00006	0.00071	0.00640	0.00041	0.01699	41.72	V
						Y	2	3	-13004	1742	161	72	0.00006	0.00067	0.00695	0.00015	0.01733	119.28	V
74	421	Piano 2	25	7	Testa	X	1	12	-30582	-12	14	42	0.00006	0.00061	0.00845	0.00037	0.00359	9.76	V
						Y	1	8	-41194	4360	185	62	0.00007	0.00047	0.00741	0.00021	0.01204	58.52	V
					Piede	X	2	16	-45730	1842	203	61	0.00007	0.00043	0.00773	0.00045	0.01108	24.40	V
						Y	2	8	-42952	-3924	168	61	0.00007	0.00045	0.00712	0.00022	0.01112	51.15	V
75	586	Piano 3	25	21	Testa	X	1	15	-24955	-1500	216	74	0.00007	0.00042	0.00855	0.00048	0.01270	26.24	V
						Y	1	3	-25453	-1377	142	70	0.00007	0.00041	0.00729	0.00021	0.01071	50.16	V
					Piede	X	2	4	-26987	1812	106	63	0.00007	0.00039	0.00640	0.00067	0.00865	12.86	V
						Y	2	3	-27211	1800	211	77	0.00007	0.00038	0.00876	0.00018	0.01204	67.68	V
76	648	Piano 4	25	34	Testa	X	1	10	-8212	8942	23	53	0.00007	0.00028	0.00679	0.00055	0.00339	6.12	V
						Y	1	1	-9968	-2170	15	62	0.00007	0.00028	0.01594	0.00019	0.00797	43.05	V
					Piede	X	2	10	-8712	-12066	27	53	0.00007	0.00028	0.00633	0.00052	0.00332	6.39	V
						Y	2	1	-10468	6276	35	64	0.00007	0.00028	0.00926	0.00018	0.00517	28.46	V
77	254	Piano 1	26	2	Testa	X	1	9	-53822	828	76	48	0.00007	0.00035	0.00544	0.00046	0.00615	13.32	V
						Y	1	3	-76555	-4156	139	59	0.00008	0.00026	0.00736	0.00020	0.00667	33.30	V
					Piede	X	2	14	-72169	3035	347	75	0.00008	0.00027	0.01186	0.00035	0.01053	30.38	V
						Y	2	3	-78564	6711	208	66	0.00008	0.00025	0.00888	0.00016	0.00784	49.60	V
78	422	Piano 2	26	7	Testa	X	1	15	-40918	-12	42	45	0.00007	0.00048	0.00536	0.00048	0.00589	12.30	V
						Y	1	3	-52677	-4516	195	63	0.00007	0.00037	0.00798	0.00016	0.01007	61.07	V
					Piede	X	2	16	-42066	531	263	67	0.00007	0.00046	0.00889	0.00048	0.01353	28.08	V
						Y	2	3	-54435	3479	158	60	0.00007	0.00036	0.00725	0.00019	0.00890	46.22	V
79	587	Piano 3	26	7	Testa	X	1	16	-26764	-2870	260	66	0.00006	0.00066	0.00805	0.00037	0.01824	48.99	V

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						Piede	Y	1	3	-26997	-3474	163	60	0.00006	0.00066	0.00649	0.00016	0.01524	95.20	V
						Piede	X	2	16	-28522	785	93	50	0.00006	0.00064	0.00521	0.00049	0.01119	22.99	V
							Y	2	3	-28755	4047	190	63	0.00006	0.00064	0.00701	0.00014	0.01580	110.95	V
82	423	Piano 2	27	7	Testa	X	1	9	-56597	4190	171	58	0.00007	0.00034	0.00737	0.00056	0.00861	15.30	V	
							Y	1	3	-56645	-2356	209	65	0.00007	0.00034	0.00840	0.00019	0.00981	51.17	V
						Piede	X	2	9	-58355	-4382	182	59	0.00008	0.00033	0.00764	0.00057	0.00864	15.23	V
							Y	2	3	-58403	1649	144	58	0.00008	0.00033	0.00710	0.00022	0.00811	36.72	V
83	588	Piano 3	27	31	Testa	X	1	16	-5808	-30885	182	89	0.00004	0.00015	0.00574	0.00061	0.00647	10.54	V	
							Y	1	3	-34774	-18533	173	92	0.00004	0.00013	0.00603	0.00022	0.00616	28.50	V
						Piede	X	2	16	-10422	28895	171	88	0.00004	0.00014	0.00566	0.00059	0.00625	10.62	V
							Y	2	1	-50292	14858	175	92	0.00004	0.00013	0.00612	0.00020	0.00600	29.85	V
84	650	Piano 4	27	21	Testa	X	1	7	1600	6	44	57	0.00005	0.00098	0.00514	0.00006	0.00999	164.45	V	
							Y	1	14	-963	31	13	57	0.00005	0.00092	0.01188	0.00007	0.00505	68.27	V
						Piede	X	2	13	-3267	-1877	179	71	0.00006	0.00087	0.00646	0.00010	0.00231	229.96	V
							Y	2	3	-15710	529	28	59	0.00006	0.00062	0.00769	0.00009	0.00327	35.99	V
86	424	Piano 2	28	36	Testa	X	1	14	-21496	-12046	88	57	0.00006	0.00035	0.00543	0.00048	0.00828	17.43	V	
							Y	1	4	-56338	-17213	88	82	0.00007	0.00031	0.00881	0.00019	0.00985	51.41	V
						Piede	X	2	14	-76723	14946	88	57	0.00007	0.00030	0.00571	0.00048	0.00729	15.34	V
							Y	2	4	-13528	16639	88	82	0.00007	0.00026	0.00920	0.00019	0.00860	44.87	V
87	589	Piano 3	28	36	Testa	X	1	16	-28031	-10681	88	57	0.00006	0.00034	0.00547	0.00039	0.00815	21.15	V	
							Y	1	4	-5041	-28819	88	82	0.00006	0.00037	0.00855	0.00017	0.01103	65.63	V
						Piede	X	2	14	-36897	11737	88	57	0.00006	0.00033	0.00551	0.00038	0.00797	20.99	V
							Y	2	4	-52827	13002	88	82	0.00007	0.00032	0.00879	0.00017	0.00992	59.00	V
88	651	Piano 4	28	3	Testa	X	1	15	-20393	2294	187	59	0.00005	0.00090	0.00605	0.00008	0.02055	262.32	V	
							Y	1	14	-15035	-1532	159	74	0.00005	0.00095	0.00684	0.00007	0.02463	336.47	V
						Piede	X	2	15	-25468	-2698	223	63	0.00005	0.00086	0.00672	0.00009	0.02136	238.13	V
							Y	2	4	-8400	-8737	410	99	0.00005	0.00101	0.00996	0.00011	0.03983	359.05	V
90	428	Piano 2	29	34	Testa	X	1	16	-58973	-13920	174	67	0.00007	0.00024	0.00774	0.00075	0.00838	11.24	V	
							Y	1	8	-52348	10284	183	78	0.00007	0.00025	0.00851	0.00030	0.00956	31.37	V
						Piede	X	2	16	-61903	14485	179	68	0.00007	0.00024	0.00790	0.00073	0.00845	11.66	V
							Y	2	8	-55278	-10076	170	77	0.00007	0.00024	0.00831	0.00031	0.00921	29.94	V
91	593	Piano 3	29	21	Testa	X	1	16	-27735	-4058	168	69	0.00007	0.00038	0.00767	0.00050	0.01035	20.64	V	
							Y	1	8	-26022	2699	210	77	0.00007	0.00040	0.00867	0.00021	0.01248	59.01	V
						Piede	X	2	16	-29493	4407	185	71	0.00007	0.00035	0.00815	0.00049	0.01029	21.04	V
							Y	2	8	-27780	-1859	143	70	0.00007	0.00038	0.00742	0.00022	0.00998	45.06	V
92	652	Piano 4	29	21	Testa	X	1	10	-12172	4207	13	54	0.00007	0.00031	0.00950	0.00055	0.00404	7.32	V	
							Y	1	1	-11982	-6679	27	59	0.00007	0.00032	0.00798	0.00015	0.00339	22.11	V
						Piede	X	2	10	-12472	-12536	37	56	0.00007	0.00031	0.00596	0.00048	0.00398	8.37	V
							Y	2	3	-11704	6756	24	58	0.00007	0.00032	0.00848	0.00016	0.00361	23.19	V
93	264	Piano 1	30	29	Testa	X	1	16	-12812	-16240	118	66	0.00004	0.00014	0.00504	0.00049	0.00484	9.79	V	
							Y	1	3	-11817	-5851	70	66	0.00004	0.00014	0.00599	0.00024	0.00475	19.56	V
						Piede	X	2	16	-13315	36778	229	77	0.00004	0.00014	0.00603	0.00036	0.00610	16.90	V
							Y	2	3	-12319	30041	277	87	0.00004	0.00014	0.00676	0.00017	0.00702	41.61	V
94	429	Piano 2	30	29	Testa	X	1	16	-85266	-46628	184	73	0.00004	0.00016	0.00539	0.00064	0.00617	9.60	V	
							Y	1	3	-79161	-7381	203	80	0.00004	0.00016	0.00584	0.00021	0.00682	32.40	V
						Piede	X	2	16	-90394	42285	169	72	0.00004	0.00016	0.00527	0.00067	0.00592	8.79	V
							Y	2	3	-84288	6051	150	75	0.00004	0.00016	0.00549	0.00022	0.00609	27.49	V
95	594	Piano 3	30	10	Testa	X	1	16	-38380	-6061	190	59	0.00006	0.00059	0.00691	0.00046	0.01410	30.99	V	
							Y	1	3	-39396	-3263	214	67	0.00006	0.00058	0.00767	0.00015	0.01553	100.82	V
						Piede	X	2	16	-40431	5126	163	57	0.00006	0.00056	0.00646	0.00047	0.01263	26.83	V
							Y	2	3	-41447	2009	139	59	0.00006	0.00055	0.00647	0.00017	0.01234	73.17	V
96	653	Piano 4	30	10	Testa	X	1	16	-10794	-91	65	47	0.00005	0.00098	0.00463	0.00008	0.01385	163.81	V	
							Y	1	4	-14414	-3474	132	59	0.00005	0.00092	0.00575	0.00010	0.01922	193.31	V
						Piede	X	2	10	-19369	-3109	118	52	0.00006	0.00084	0.00523	0.00009	0.01569	182.54	V
							Y	2	5	-16062	-2709	95	55	0.00006	0.00089	0.00551	0.00011	0.01620	152.52	V
98	430	Piano 2	31	7	Testa	X	1	16	-31208	-5124	167	57	0.00006	0.00060	0.00654	0.00051	0.01362	26.89	V	
							Y	1	3	-35808	-2308	183	62	0.00007	0.00054	0.00720	0.00015	0.01351	88.61	V
						Piede	X	2	16	-32966	5785	186	59	0.00007	0.00059	0.00696	0.00047	0.01394	29.89	V
							Y	2	3	-37566	2183	170	61	0.00007	0.00052	0.00701	0.00016	0.01254	79.69	V
99	595	Piano 3	31	31	Testa	X	1	16	-23369	-40738	170	88	0.00004	0.00014	0.00572	0.00064	0.00607	9.49	V	
							Y	1	3	-22319	-18523	173	92	0.00004	0.00014	0.00597	0.00020	0.00632	31.11	V
						Piede	X	2	16	-27983	44667	183	89	0.00004	0.00014	0.00586	0.00057	0.00619	10.80	V
							Y	2	3	-26934	18987	180	92	0.00004	0.00014	0.00604	0.00019	0.00635	32.82	V
100	654	Piano 4	31	21	Testa	X	1	8	-9880	7	38	56	0.00006	0.00073	0.00563	0.00005	0.00650	127.61	V	
							Y	1	5	-10307	2188	248	81	0.00006	0.00072	0.00833	0.00011	0.02248	211.20	V
						Piede	X	2	15	-9748	-1185	203	73	0.00006	0.00073	0.00728	0.00009	0.02011	228.60	V
							Y	2	1	-8488	872	40	60	0.00006	0.00076	0.00648	0.00009	0.00730	80.28	V
102	431	Piano 2	32	35	Testa	X	1	16	-2939	-9463	88	74	0.00007	0.00024	0.00659	0.00064	0.00680	10.65	V	
							Y	1	4	-22621	-15225	88	84	0.00008	0.00022	0.00814	0.00022	0.00725	32.26	V
						Piede	X	2	16	-6771	9974	88	74	0.00007	0.00023	0.00663	0.00064	0.00673	10.54	V
							Y	2	5	-83541	-13675	88	84	0.00009	0.00018	0.00886	0.00021	0.00652	30.56	V
103	596	Piano 3	32	35	Testa	X	1	16	-5967	-8934	88	75	0.00007	0.00023	0.00664	0.00050	0.00677	13.53	V	
							Y	1	4	-36724	-17531	88	85	0.00008	0.00021	0.00833	0.00019	0.00707	37.34	V
						Piede	X	2	16	-13590	8920	88	75	0.00007	0.00023	0.00673	0.00050	0.00665	13.30	V
							Y	2	4	5495	12751	88	85	0.00007						

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104	655	Pian o 4	32	7	Testa	X	1	15	-8582	817	191	59	0.00005	0.00096	0.00611	0.00006	0.02200	357.05	V
						Y	1	4	-15359	-2950	240	68	0.00006	0.00084	0.00736	0.00010	0.02246	220.35	V
					Piede	X	2	15	-10682	-950	219	62	0.00005	0.00092	0.00665	0.00008	0.02254	289.86	V
						Y	2	4	-17459	2023	170	61	0.00006	0.00080	0.00631	0.00013	0.01851	146.62	V
106	435	Pian o 2	33	7	Testa	X	1	16	-49611	-1639	153	56	0.00007	0.00039	0.00678	0.00059	0.00909	15.29	V
						Y	1	3	-46117	-3244	182	62	0.00007	0.00042	0.00750	0.00021	0.01087	52.29	V
					Piede	X	2	16	-51369	2008	200	60	0.00007	0.00038	0.00783	0.00058	0.01000	17.34	V
						Y	2	3	-47875	3082	171	61	0.00007	0.00041	0.00732	0.00021	0.01024	47.64	V
107	600	Pian o 3	33	21	Testa	X	1	16	-30067	-2760	249	77	0.00007	0.00035	0.00966	0.00052	0.01168	22.54	V
						Y	1	3	-28498	-2455	161	72	0.00007	0.00037	0.00780	0.00021	0.01027	47.86	V
					Piede	X	2	16	-31825	1412	104	63	0.00008	0.00033	0.00658	0.00059	0.00751	12.81	V
						Y	2	3	-30256	2686	192	75	0.00007	0.00034	0.00856	0.00020	0.01058	52.81	V
108	656	Pian o 4	33	21	Testa	X	1	9	-14793	5303	23	55	0.00007	0.00030	0.00701	0.00055	0.00298	5.37	V
						Y	1	8	-11382	7282	29	59	0.00007	0.00032	0.00766	0.00014	0.00326	22.82	V
					Piede	X	2	9	-15093	-6556	27	55	0.00007	0.00030	0.00654	0.00054	0.00278	5.14	V
						Y	2	6	-12667	-6463	22	58	0.00007	0.00031	0.00892	0.00015	0.00379	25.10	V
109	271	Pian o 1	34	2	Testa	X	1	16	-83485	-124	34	44	0.00008	0.00024	0.00598	0.00063	0.00360	5.74	V
						Y	1	8	-78220	8813	168	62	0.00008	0.00025	0.00799	0.00018	0.00712	39.16	V
					Piede	X	2	16	-85494	4073	313	72	0.00008	0.00024	0.01154	0.00042	0.00909	21.68	V
						Y	2	8	-80229	-8889	179	63	0.00008	0.00025	0.00827	0.00018	0.00720	39.22	V
110	436	Pian o 2	34	7	Testa	X	1	16	-53663	-767	133	54	0.00007	0.00036	0.00648	0.00063	0.00802	12.74	V
						Y	1	8	-50953	5590	176	61	0.00007	0.00038	0.00751	0.00019	0.00986	51.37	V
					Piede	X	2	16	-55421	1388	220	62	0.00007	0.00035	0.00842	0.00060	0.00988	16.49	V
						Y	2	8	-52711	-5648	177	61	0.00007	0.00037	0.00760	0.00019	0.00963	51.40	V
111	601	Pian o 3	34	7	Testa	X	1	16	-28990	-2939	255	66	0.00006	0.00064	0.00806	0.00041	0.01738	42.00	V
						Y	1	1	-30131	-3653	148	59	0.00006	0.00062	0.00635	0.00017	0.01385	79.93	V
					Piede	X	2	16	-30748	928	98	50	0.00006	0.00061	0.00531	0.00051	0.01099	21.36	V
						Y	2	6	-24468	-2739	178	62	0.00006	0.00070	0.00666	0.00015	0.01658	110.58	V
112	657	Pian o 4	34	21	Testa	X	1	9	-16306	3519	122	65	0.00007	0.00061	0.00621	0.00010	0.01366	141.28	V
						Y	1	4	-14935	-2272	138	70	0.00006	0.00063	0.00669	0.00009	0.01543	168.22	V
					Piede	X	2	9	-17344	-3137	111	64	0.00007	0.00059	0.00607	0.00012	0.01270	109.20	V
						Y	2	4	-15973	1316	95	66	0.00006	0.00061	0.00620	0.00011	0.01268	117.17	V
114	437	Pian o 2	35	40	Testa	X	1	16	-59327	-18216	172	78	0.00007	0.00025	0.00778	0.00075	0.00939	12.60	V
						Y	1	6	-52653	25744	288	117	0.00007	0.00025	0.01135	0.00021	0.01433	67.47	V
					Piede	X	2	16	-65333	18888	181	79	0.00007	0.00025	0.00799	0.00074	0.00953	12.96	V
						Y	2	4	-51321	8726	62	95	0.00007	0.00026	0.01116	0.00023	0.00770	33.85	V
115	602	Pian o 3	35	3	Testa	X	1	16	-23332	-8013	184	59	0.00005	0.00088	0.00605	0.00044	0.01992	44.99	V
						Y	1	4	-33169	-13642	207	79	0.00006	0.00080	0.00757	0.00013	0.02349	174.92	V
					Piede	X	2	9	-38807	-7354	162	57	0.00006	0.00076	0.00590	0.00041	0.01648	40.25	V
						Y	2	1	-39814	8869	135	72	0.00006	0.00076	0.00702	0.00013	0.01861	140.24	V
118	438	Pian o 2	36	28	Testa	X	1	9	-45048	11331	88	57	0.00007	0.00025	0.00589	0.00056	0.00644	11.60	V
						Y	1	4	-28691	-13247	88	69	0.00007	0.00026	0.00732	0.00021	0.00776	36.76	V
					Piede	X	2	16	-13820	10844	88	57	0.00007	0.00028	0.00568	0.00060	0.00691	11.45	V
						Y	2	4	-80219	7517	88	69	0.00008	0.00023	0.00767	0.00021	0.00707	33.49	V
120	659	Pian o 4	36	21	Testa	X	1	16	-10097	835	179	71	0.00006	0.00072	0.00688	0.00005	0.01889	350.94	V
						Y	1	5	-11203	783	410	97	0.00006	0.00070	0.01153	0.00009	0.02818	317.54	V
					Piede	X	2	16	-12197	-1096	231	76	0.00006	0.00068	0.00797	0.00008	0.02007	256.07	V
						Y	2	14	-8781	653	162	72	0.00006	0.00075	0.00675	0.00007	0.01935	264.37	V
121	277	Pian o 1	37	9	Testa	X	1	9	-31729	2008	153	56	0.00007	0.00041	0.00681	0.00032	0.00940	29.30	V
						Y	1	5	-31577	984	156	56	0.00007	0.00041	0.00687	0.00011	0.00953	85.96	V
					Piede	X	2	9	-32829	-2474	182	59	0.00007	0.00040	0.00749	0.00028	0.00991	35.33	V
						Y	2	5	-32677	-1015	179	58	0.00007	0.00040	0.00741	0.00011	0.00987	88.24	V
122	442	Pian o 2	37	9	Testa	X	1	9	-21356	2787	165	57	0.00007	0.00058	0.00665	0.00053	0.01316	24.88	V
						Y	1	1	-18298	-1294	180	58	0.00007	0.00062	0.00683	0.00014	0.01446	103.62	V
					Piede	X	2	9	-22528	-3200	188	59	0.00007	0.00057	0.00717	0.00049	0.01371	27.76	V
						Y	2	1	-19470	1246	173	58	0.00007	0.00061	0.00674	0.00014	0.01390	98.34	V
123	607	Pian o 3	37	22	Testa	X	1	9	-14139	20169	177	88	0.00004	0.00015	0.00567	0.00064	0.00639	10.04	V
						Y	1	6	-13604	11165	159	86	0.00004	0.00015	0.00551	0.00022	0.00615	28.23	V
					Piede	X	2	9	-17728	-20323	176	87	0.00004	0.00015	0.00568	0.00060	0.00630	10.52	V
						Y	2	6	-17193	-14044	194	89	0.00004	0.00015	0.00585	0.00018	0.00655	36.71	V
124	660	Pian o 4	37	9	Testa	X	1	14	-4680	-155	325	73	0.00006	0.00081	0.00884	0.00006	0.02439	399.70	V
						Y	1	8	-68	-4	90	49	0.00006	0.00088	0.00481	0.00008	0.01456	172.64	V
					Piede	X	2	9	-7119	1602	200	60	0.00006	0.00077	0.00669	0.00008	0.01836	237.40	V
						Y	2	4	-8957	1402	151	55	0.00006	0.00075	0.00593	0.00010	0.01572	153.47	V
125	278	Pian o 1	38	9	Testa	X	1	9	-34723	2567	169	57	0.00007	0.00037	0.00727	0.00031	0.00914	29.45	V
						Y	1	1	-28421	-1302	184	59	0.00007	0.00046	0.00734	0.00011	0.01122	105.13	V
					Piede	X	2	9	-35871	-2697	178	58	0.00007	0.00036	0.00754	0.00030	0.00914	30.44	V
						Y	2	2	-28819	1183	162	57	0.00007	0.00045	0.00690	0.00012	0.01047	85.16	V
126	443	Pian o 2	38	9	Testa	X	1	9	-23070	3650	178	58	0.00007	0.00056	0.00699	0.00050	0.01320	26.20	V
						Y	1	4	-15415	-2323	182	59	0.00006	0.00066	0.00675	0.00014	0.01528	105.54	V
					Piede	X	2	9	-24242	-4419	175	58	0.00007	0.00054	0.00697	0.00052	0.01254	24.26	V
						Y	2	4	-16587	2148	171	57	0.00006	0.00064	0.00658	0.00016	0.01454	91.61	V
127	608	Pian o 3	38	9	Testa	X	1	9	-9044	3387	177	58	0.00006	0.00074	0.00638	0.00045	0.01681	36.96	V
						Y	1	4	-7611	-2277	174	58	0.00006	0.00076	0.00627	0.00015	0.01712	114.83	V
					Piede	X	2	9	-10216	-3380	176	58	0.00006	0.00073	0.00642	0.00042	0.01646	38.75	V
						Y	2	4	-8783	2337	179	58	0.00006	0.00075	0.00640	0.00014	0.01697	125.67	V
128	661	Pian	38	9															



		o 4				Y	1	4	-1461	-1445	199	60	0.00006	0.00086	0.00640	0.00012	0.02012	168.44	V
					Piede	X	2	16	-6320	-52	101	50	0.00006	0.00078	0.00511	0.00003	0.01382	403.14	V
						Y	2	4	-2861	1542	211	61	0.00006	0.00084	0.00669	0.00010	0.02024	202.18	V
129	279	Pian o 1	39	29	Testa	X	1	16	-10627 9	-13490	106	65	0.00004	0.00015	0.00495	0.00055	0.00484	8.85	V
						Y	1	8	-49623	802	36	63	0.00004	0.00017	0.00802	0.00030	0.00453	15.00	V
					Piede	X	2	16	-11130 2	37824	241	78	0.00004	0.00014	0.00607	0.00039	0.00643	16.55	V
						Y	2	8	-54646	-32360	311	90	0.00004	0.00016	0.00679	0.00020	0.00823	40.53	V
130	444	Pian o 2	39	30	Testa	X	1	16	-70389	-34752	180	73	0.00004	0.00016	0.00536	0.00074	0.00605	8.16	V
						Y	1	7	-31479	-25	31	61	0.00004	0.00017	0.00817	0.00024	0.00418	17.40	V
					Piede	X	2	16	-75004	35257	173	72	0.00004	0.00015	0.00531	0.00074	0.00591	7.98	V
						Y	2	8	-37808	-830	125	71	0.00004	0.00017	0.00519	0.00028	0.00590	21.40	V
131	609	Pian o 3	39	31	Testa	X	1	16	-33856	-24604	179	89	0.00004	0.00014	0.00585	0.00072	0.00606	8.40	V
						Y	1	8	-14104	8999	268	101	0.00004	0.00014	0.00684	0.00027	0.00764	28.13	V
					Piede	X	2	16	-38470	24762	174	88	0.00004	0.00013	0.00583	0.00066	0.00594	8.95	V
						Y	2	8	-18719	-1062	85	83	0.00004	0.00014	0.00581	0.00028	0.00504	17.87	V
132	662	Pian o 4	39	34	Testa	X	1	9	-7235	12215	29	53	0.00007	0.00028	0.00616	0.00048	0.00364	7.52	V
						Y	1	15	-11102	-5844	34	64	0.00007	0.00028	0.00939	0.00009	0.00508	58.67	V
					Piede	X	2	9	-7735	-9057	21	52	0.00007	0.00028	0.00711	0.00048	0.00355	7.40	V
						Y	2	5	-5329	5161	32	64	0.00007	0.00029	0.00969	0.00019	0.00485	26.03	V
141	288	Pian o 1	42	28	Testa	X	1	9	-12319 6	12510	172	66	0.00008	0.00021	0.00827	0.00049	0.00748	15.18	V
						Y	1	5	-24110	3268	64	67	0.00007	0.00027	0.00765	0.00023	0.00702	30.78	V
					Piede	X	2	9	-12635 3	-12648	175	66	0.00008	0.00021	0.00839	0.00049	0.00751	15.31	V
						Y	2	2	-87371	21485	264	87	0.00008	0.00023	0.01061	0.00015	0.01070	69.26	V
142	453	Pian o 2	42	34	Testa	X	1	9	-74486	18019	177	67	0.00008	0.00023	0.00800	0.00076	0.00819	10.73	V
						Y	1	4	-26467	-4717	197	80	0.00007	0.00027	0.00845	0.00021	0.01044	50.82	V
					Piede	X	2	9	-77416	-17813	176	67	0.00008	0.00023	0.00800	0.00077	0.00811	10.53	V
						Y	2	4	-29397	4105	156	75	0.00007	0.00026	0.00779	0.00021	0.00941	43.97	V
143	618	Pian o 3	42	35	Testa	X	1	9	-29322	17196	175	83	0.00008	0.00022	0.00868	0.00076	0.00872	11.41	V
						Y	1	4	-14562	-8463	206	96	0.00007	0.00023	0.00971	0.00021	0.01043	48.93	V
					Piede	X	2	9	-32252	-17508	178	83	0.00008	0.00021	0.00880	0.00071	0.00872	12.24	V
						Y	2	4	-17492	5868	147	90	0.00007	0.00022	0.00866	0.00022	0.00898	40.79	V
144	665	Pian o 4	42	21	Testa	X	1	16	-5264	-181	203	73	0.00006	0.00076	0.00723	0.00007	0.02099	321.33	V
						Y	1	8	-4669	-66	73	63	0.00006	0.00077	0.00583	0.00006	0.01340	217.86	V
					Piede	X	2	16	-7364	190	207	73	0.00006	0.00073	0.00743	0.00006	0.02037	323.87	V
						Y	2	3	-4856	128	76	64	0.00006	0.00077	0.00583	0.00011	0.01367	120.05	V

### 3.1.2.1.1.4 Verifiche Taglio - PGA SLV = 0.4254 g.

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( $\theta$ ) : cotangente dell'angolo  $\theta$ ;

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;  
 $\phi$  : 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  $V_{SdXZ}$

## Relazione di calcolo

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

Tabella 88.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	6438	2370	16577	9053	2	15.0 0	287. 00	2.57	3.82	V
11	388	Piano 2	4	7	1	0.57	2.50	2.50	2573	506	14069	9053	2	15.0 0	293. 00	5.47	17.9 0	V
12	553	Piano 3	4	21	1	0.57	2.50	2.50	2905	2074	14069	9053	2	15.0 0	293. 00	4.84	4.36	V
13	221	Piano 1	5	2	1	0.57	2.50	2.50	6338	2080	16577	9053	2	15.0 0	252. 00	2.62	4.35	V
14	389	Piano 2	5	7	1	0.57	2.50	2.50	4113	746	14069	9053	2	15.0 0	258. 00	3.42	12.1 3	V
15	554	Piano 3	5	7	1	0.57	2.50	2.50	3108	2264	14069	9053	2	15.0 0	293. 00	4.53	4.00	V
16	222	Piano 1	6	2	1	0.57	2.50	2.50	2801	1326	16577	9053	2	15.0 0	287. 00	5.92	6.83	V
17	390	Piano 2	6	7	1	0.57	2.50	2.50	1715	216	14069	9053	2	15.0 0	293. 00	8.20	41.9 1	V
18	555	Piano 3	6	21	1	0.57	2.50	2.50	2031	1388	14069	9053	2	15.0 0	293. 00	6.93	6.52	V
19	223	Piano 1	7	10	1	0.57	2.50	2.50	4494	1571	16577	9053	2	15.0 0	287. 00	3.69	5.76	V
20	391	Piano 2	7	7	1	0.57	2.50	2.50	2216	567	14069	9053	2	15.0 0	293. 00	6.35	15.9 8	V
21	556	Piano 3	7	21	1	0.57	2.50	2.50	2492	2046	14069	9053	2	15.0 0	293. 00	5.65	4.42	V
22	224	Piano 1	8	2	1	0.57	2.50	2.50	4051	1984	16577	9053	2	15.0 0	287. 00	4.09	4.56	V
23	392	Piano 2	8	7	1	0.57	2.50	2.50	3288	1159	14069	9053	2	15.0 0	293. 00	4.28	7.81	V
24	557	Piano 3	8	7	1	0.57	2.50	2.50	2321	2322	14069	9053	2	15.0 0	293. 00	6.06	3.90	V
25	225	Piano 1	9	2	1	0.57	2.50	2.50	4886	2179	16577	9053	2	15.0 0	287. 00	3.39	4.15	V
26	393	Piano 2	9	7	1	0.57	2.50	2.50	1779	404	14069	9053	2	15.0 0	293. 00	7.91	22.4 2	V
27	558	Piano 3	9	21	1	0.57	2.50	2.50	2072	1612	14069	9053	2	15.0 0	293. 00	6.79	5.62	V
28	226	Piano 1	10	10	1	0.57	2.50	2.50	4593	2148	16577	9053	2	15.0 0	287. 00	3.61	4.21	V
29	394	Piano 2	10	7	1	0.57	2.50	2.50	2294	1720	14069	9053	2	15.0 0	293. 00	6.13	5.26	V
30	559	Piano 3	10	21	1	0.57	2.50	2.50	2451	2371	14069	9053	2	15.0 0	293. 00	5.74	3.82	V
31	227	Piano 1	11	2	1	0.57	2.50	2.50	4236	3759	16577	9053	2	15.0 0	252. 00	3.91	2.41	V
32	395	Piano 2	11	7	1	0.57	2.50	2.50	1913	3362	14069	9053	2	15.0 0	258. 00	7.36	2.69	V
33	560	Piano 3	11	7	1	0.57	2.50	2.50	2121	3322	14069	9053	2	15.0 0	293. 00	6.63	2.73	V
34	228	Piano 1	12	2	1	0.57	2.50	2.50	3073	2717	16577	9053	2	15.0 0	252. 00	5.39	3.33	V
35	396	Piano 2	12	7	1	0.57	2.50	2.50	1706	3001	14069	9053	2	15.0 0	258. 00	8.25	3.02	V
36	561	Piano 3	12	21	1	0.57	2.50	2.50	1789	2531	14069	9053	2	15.0 0	293. 00	7.87	3.58	V
37	229	Piano 1	13	10	1	0.57	2.50	2.50	4616	1449	16577	9053	2	15.0 0	287. 00	3.59	6.25	V
38	397	Piano 2	13	7	1	0.57	2.50	2.50	2158	606	14069	9053	2	15.0 0	293. 00	6.52	14.9 3	V
39	562	Piano 3	13	21	1	0.57	2.50	2.50	2317	2008	14069	9053	2	15.0 0	293. 00	6.07	4.51	V
40	230	Piano 1	14	2	1	0.57	2.50	2.50	6075	1615	16577	9053	2	15.0 0	252. 00	2.73	5.61	V
41	398	Piano 2	14	7	1	0.57	2.50	2.50	3880	615	14069	9053	2	15.0 0	258. 00	3.63	14.7 3	V
42	563	Piano 3	14	7	1	0.57	2.50	2.50	4328	1930	14069	9053	2	15.0 0	258. 00	3.25	4.69	V
43	231	Piano 1	15	2	1	0.57	2.50	2.50	5611	1788	16577	9053	2	15.0 0	287. 00	2.95	5.06	V
44	399	Piano 2	15	7	1	0.57	2.50	2.50	1631	463	14069	9053	2	15.0 0	293. 00	8.62	19.5 7	V
45	564	Piano 3	15	7	1	0.57	2.50	2.50	2087	1602	14069	9053	2	15.0 0	293. 00	6.74	5.65	V
46	232	Piano 1	16	10	1	0.57	2.50	2.50	4475	1356	16577	9053	2	15.0 0	287. 00	3.70	6.68	V
47	400	Piano 2	16	7	1	0.57	2.50	2.50	2127	565	14069	9053	2	15.0 0	293. 00	6.61	16.0 2	V
48	565	Piano 3	16	21	1	0.57	2.50	2.50	2311	1949	14069	9053	2	15.0 0	293. 00	6.09	4.65	V
52	237	Piano 1	18	2	1	0.57	2.50	2.50	4047	1020	16577	9053	2	15.0 0	262. 00	4.10	8.87	V
53	405	Piano 2	18	7	1	0.57	2.50	2.50	3271	344	14069	9053	2	15.0 0	268. 00	4.30	26.3 1	V
54	570	Piano 3	18	21	1	0.57	2.50	2.50	3634	1437	14069	9053	2	15.0 0	268. 00	3.87	6.30	V
55	238	Piano 1	19	2	1	0.57	2.50	2.50	6479	1728	16577	9053	2	15.0 0	287. 00	2.56	5.24	V
56	406	Piano 2	19	7	1	0.57	2.50	2.50	2168	572	14069	9053	2	15.0 0	293. 00	6.49	15.8 3	V

57	571	Piano 3	19	21	1	0.57	2.50	2.50	2263	1843	14069	9053	2	15.0 0	293. 00	6.22	4.91	V
64	247	Piano 1	22	2	1	0.57	2.50	2.50	4681	1217	16577	9053	2	15.0 0	287. 00	3.54	7.44	V
65	415	Piano 2	22	7	1	0.57	2.50	2.50	2220	630	14069	9053	2	15.0 0	293. 00	6.34	14.3 7	V
66	580	Piano 3	22	21	1	0.57	2.50	2.50	2795	1844	14069	9053	2	15.0 0	293. 00	5.03	4.91	V
70	252	Piano 1	24	2	1	0.57	2.50	2.50	4847	2870	16577	9053	2	15.0 0	287. 00	3.42	3.15	V
71	420	Piano 2	24	7	1	0.57	2.50	2.50	1664	1755	14069	9053	2	15.0 0	293. 00	8.46	5.16	V
72	585	Piano 3	24	21	1	0.57	2.50	2.50	2388	2140	14069	9053	2	15.0 0	268. 00	5.89	4.23	V
73	253	Piano 1	25	2	1	0.57	2.50	2.50	7005	1778	16577	9053	2	15.0 0	287. 00	2.37	5.09	V
74	421	Piano 2	25	7	1	0.57	2.50	2.50	2827	1062	14069	9053	2	15.0 0	293. 00	4.98	8.52	V
75	586	Piano 3	25	21	1	0.57	2.50	2.50	2482	2308	14069	9053	2	15.0 0	293. 00	5.67	3.92	V
77	254	Piano 1	26	2	1	0.57	2.50	2.50	4393	1507	16577	9053	2	15.0 0	287. 00	3.77	6.01	V
78	422	Piano 2	26	7	1	0.57	2.50	2.50	4157	996	14069	9053	2	15.0 0	258. 00	3.38	9.09	V
79	587	Piano 3	26	7	1	0.57	2.50	2.50	4666	1578	14069	9053	2	15.0 0	258. 00	3.01	5.74	V
82	423	Piano 2	27	7	1	0.57	2.50	2.50	1716	3198	14069	9053	2	15.0 0	257. 98	8.20	2.83	V
84	650	Piano 4	27	21	1	0.57	2.50	2.50	2013	1500	14069	9053	2	15.0 0	213. 19	6.99	6.04	V
88	651	Piano 4	28	3	1	0.57	2.50	2.50	6775	1822	35385	9053	2	15.0 0	310. 19	5.22	4.97	V
89	263	Piano 1	29	2	1	0.57	2.50	2.50	4927	4927	16577	9053	2	15.0 0	252. 00	3.36	1.84	V
91	593	Piano 3	29	21	1	0.57	2.50	2.50	1536	3224	14069	9053	2	15.0 0	267. 00	9.16	2.81	V
95	594	Piano 3	30	10	1	0.57	2.50	2.50	1978	3960	16577	9053	2	15.0 0	258. 00	8.38	2.29	V
96	653	Piano 4	30	10	1	0.57	2.50	2.50	4044	3538	16577	9053	2	15.0 0	170. 24	4.10	2.56	V
97	265	Piano 1	31	2	1	0.57	2.50	2.50	4850	5586	16577	9053	2	15.0 0	252. 00	3.42	1.62	V
98	430	Piano 2	31	7	1	0.57	2.50	2.50	1762	3763	14069	9053	2	15.0 0	258. 00	7.99	2.41	V
100	654	Piano 4	31	21	1	0.57	2.50	2.50	1594	1115	14069	9053	2	15.0 0	250. 24	8.83	8.12	V
104	655	Piano 4	32	7	1	0.57	2.50	2.50	1504	696	14069	9053	2	15.0 0	324. 98	9.36	13.0 0	V
105	270	Piano 1	33	2	1	0.57	2.50	2.50	6656	1973	16577	9053	2	15.0 0	287. 00	2.49	4.59	V
106	435	Piano 2	33	7	1	0.57	2.50	2.50	2884	1274	14069	9053	2	15.0 0	293. 00	4.88	7.11	V
107	600	Piano 3	33	21	1	0.57	2.50	2.50	2342	1484	14069	9053	2	15.0 0	293. 00	6.01	6.10	V
109	271	Piano 1	34	2	1	0.57	2.50	2.50	6882	1855	16577	9053	2	15.0 0	252. 00	2.41	4.88	V
110	436	Piano 2	34	7	1	0.57	2.50	2.50	4966	1256	14069	9053	2	15.0 0	258. 00	2.83	7.21	V
111	601	Piano 3	34	7	1	0.57	2.50	2.50	3074	2393	14069	9053	2	15.0 0	293. 00	4.58	3.78	V
112	657	Piano 4	34	21	1	0.57	2.50	2.50	2080	4187	14069	9053	2	15.0 0	173. 00	6.77	2.16	V
113	272	Piano 1	35	3	1	0.57	2.50	2.50	22551	8733	35385	9053	2	15.0 0	252. 00	1.57	1.04	V
115	602	Piano 3	35	3	1	0.57	2.50	2.50	8488	6721	35385	9053	2	15.0 0	267. 00	4.17	1.35	V
116	658	Piano 4	35	3	1	0.57	2.50	2.50	7266	2737	35385	9053	2	15.0 0	250. 27	4.87	3.31	V
120	659	Piano 4	36	21	1	0.57	2.50	2.50	690	547	14069	9053	2	15.0 0	347. 27	20.3 9	16.5 5	V
121	277	Piano 1	37	9	1	1.01	2.50	2.50	1055	1757	16005	16005	2	15.0 0	239. 35	15.1 7	9.11	V
122	442	Piano 2	37	9	1	1.01	2.50	2.50	1317	2274	16005	16005	2	15.0 0	257. 35	12.1 6	7.04	V
124	660	Piano 4	37	9	1	1.01	2.50	2.50	1183	952	16005	16005	2	15.0 0	262. 27	13.5 3	16.8 1	V
125	278	Piano 1	38	9	1	1.01	2.50	2.50	1005	1834	16005	16005	2	15.0 0	251. 93	15.9 3	8.73	V
126	443	Piano 2	38	9	1	1.01	2.50	2.50	1526	3062	16005	16005	2	15.0 0	257. 93	10.4 9	5.23	V
127	608	Piano 3	38	9	1	1.01	2.50	2.50	1575	2929	16005	16005	2	15.0 0	266. 93	10.1 6	5.46	V
128	661	Piano 4	38	9	1	1.01	2.50	2.50	853	390	16005	16005	2	15.0 0	347. 27	18.7 6	41.0 1	V
144	665	Piano 4	42	21	1	0.57	2.50	2.50	1010	337	14069	9053	2	15.0 0	347. 27	13.9 2	26.9 0	V

### 3.1.2.1.1.5 Verifiche Taglio in condizioni cicliche - PGA SLV = 0.4254 g.

Pilastro : numerazione interna del pilastro;

## Relazione di calcolo

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( $\theta$ ) : cotangente dell'angolo  $\theta$ ;

### 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;  
 $\phi$  : 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 89.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	AStaffe [cm <sup>2</sup> ]	cot $\theta_{XY}$ [°]	cot $\theta_{XZ}$ [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
									Vsdx [daN]	Vsdx [daN]	Vrdxy [daN]	Vrdxz [daN]						
10	220	Piano 1	4	10	1	0.57	2.50	2.50	6438	2370	19295	11265	2	15.00	287.00	3.00	4.75	V
11	388	Piano 2	4	7	1	0.57	2.50	2.50	2573	506	11806	7808	2	15.00	293.00	4.59	15.44	V
12	553	Piano 3	4	21	1	0.57	2.50	2.50	2905	2074	8750	5760	2	15.00	293.00	3.01	2.78	V
13	221	Piano 1	5	2	1	0.57	2.50	2.50	6338	2080	22381	13452	2	15.00	252.00	3.53	6.47	V
14	389	Piano 2	5	7	1	0.57	2.50	2.50	4113	746	13912	9415	2	15.00	258.00	3.38	12.61	V
15	554	Piano 3	5	7	1	0.57	2.50	2.50	3108	2264	10294	6800	2	15.00	293.00	3.31	3.00	V
16	222	Piano 1	6	2	1	0.57	2.50	2.50	2801	1326	16925	9903	2	15.00	287.00	6.04	7.47	V
17	390	Piano 2	6	7	1	0.57	2.50	2.50	1715	216	10752	7105	2	15.00	293.00	6.27	32.89	V
18	555	Piano 3	6	21	1	0.57	2.50	2.50	2031	1388	8166	5371	2	15.00	293.00	4.02	3.87	V
19	223	Piano 1	7	10	1	0.57	2.50	2.50	4494	1571	19114	11160	2	15.00	287.00	4.25	7.10	V
20	391	Piano 2	7	7	1	0.57	2.50	2.50	2216	567	11954	7907	2	15.00	293.00	5.40	13.95	V
21	556	Piano 3	7	21	1	0.57	2.50	2.50	2492	2046	8826	5811	2	15.00	293.00	3.54	2.84	V
22	224	Piano 1	8	2	1	0.57	2.50	2.50	4051	1984	19238	11232	2	15.00	293.00	4.75	5.66	V
23	392	Piano 2	8	7	1	0.57	2.50	2.50	3288	1159	12702	8402	2	15.00	293.00	3.86	7.25	V
24	557	Piano 3	8	7	1	0.57	2.50	2.50	2321	2322	10091	6665	2	15.00	293.00	4.35	2.87	V
25	225	Piano 1	9	2	1	0.57	2.50	2.50	4886	2179	17017	9963	2	15.00	287.00	3.48	4.57	V
26	393	Piano 2	9	7	1	0.57	2.50	2.50	1779	404	10399	6870	2	15.00	293.00	5.85	17.01	V
27	558	Piano 3	9	21	1	0.57	2.50	2.50	2072	1612	8000	5260	2	15.00	293.00	3.86	3.26	V
28	226	Piano 1	10	10	1	0.57	2.50	2.50	4593	2148	18250	10667	2	15.00	293.00	3.97	4.97	V
29	394	Piano 2	10	7	1	0.57	2.50	2.50	2294	1720	11289	7464	2	15.00	293.00	4.92	4.34	V
30	559	Piano 3	10	21	1	0.57	2.50	2.50	2451	2371	8309	5466	2	15.00	293.00	3.39	2.31	V
31	227	Piano 1	11	2	1	0.57	2.50	2.50	4236	3759	22061	13269	2	15.00	252.00	5.21	3.53	V
32	395	Piano 2	11	7	1	0.57	2.50	2.50	1913	3362	13465	9115	2	15.00	258.00	7.04	2.71	V

## Relazione di calcolo

33	560	Piano 3	11	7	1	0.57	2.50	2.50	2121	3322	9797	6469	2	15.0 0	293. 00	4.62	1.95	V
34	228	Piano 1	12	2	1	0.57	2.50	2.50	3073	2717	18807	11390	2	15.0 0	252. 00	6.12	4.19	V
35	396	Piano 2	12	7	1	0.57	2.50	2.50	1706	3001	11622	7885	2	15.0 0	258. 00	6.81	2.63	V
36	561	Piano 3	12	21	1	0.57	2.50	2.50	1789	2531	7879	5179	2	15.0 0	293. 00	4.40	2.05	V
37	229	Piano 1	13	10	1	0.57	2.50	2.50	4616	1449	18932	11057	2	15.0 0	287. 00	4.10	7.63	V
38	397	Piano 2	13	7	1	0.57	2.50	2.50	2158	606	11828	7823	2	15.0 0	293. 00	5.48	12.9 0	V
39	562	Piano 3	13	21	1	0.57	2.50	2.50	2317	2008	8759	5766	2	15.0 0	293. 00	3.78	2.87	V
40	230	Piano 1	14	2	1	0.57	2.50	2.50	6075	1615	22294	13403	2	15.0 0	252. 00	3.67	8.30	V
41	398	Piano 2	14	7	1	0.57	2.50	2.50	3880	615	13629	9225	2	15.0 0	258. 00	3.51	15.0 0	V
42	563	Piano 3	14	7	1	0.57	2.50	2.50	4328	1930	10792	7330	2	15.0 0	258. 00	2.49	3.80	V
43	231	Piano 1	15	2	1	0.57	2.50	2.50	5611	1788	17178	10055	2	15.0 0	287. 00	3.06	5.62	V
44	399	Piano 2	15	7	1	0.57	2.50	2.50	1631	463	10446	6902	2	15.0 0	293. 00	6.40	14.9 2	V
45	564	Piano 3	15	7	1	0.57	2.50	2.50	2087	1602	8981	5925	2	15.0 0	293. 00	4.30	3.70	V
46	232	Piano 1	16	10	1	0.57	2.50	2.50	4475	1356	18841	11005	2	15.0 0	287. 00	4.21	8.12	V
47	400	Piano 2	16	7	1	0.57	2.50	2.50	2127	565	11764	7780	2	15.0 0	293. 00	5.53	13.7 7	V
48	565	Piano 3	16	21	1	0.57	2.50	2.50	2311	1949	8714	5736	2	15.0 0	293. 00	3.77	2.94	V
52	237	Piano 1	18	2	1	0.57	2.50	2.50	4047	1020	17940	10777	2	15.0 0	262. 00	4.43	10.5 6	V
53	405	Piano 2	18	7	1	0.57	2.50	2.50	3271	344	11082	7468	2	15.0 0	268. 00	3.39	21.7 0	V
54	570	Piano 3	18	21	1	0.57	2.50	2.50	3634	1437	8194	5493	2	15.0 0	268. 00	2.25	3.82	V
55	238	Piano 1	19	2	1	0.57	2.50	2.50	6479	1728	18323	10709	2	15.0 0	287. 00	2.83	6.20	V
56	406	Piano 2	19	7	1	0.57	2.50	2.50	2168	572	11294	7467	2	15.0 0	293. 00	5.21	13.0 6	V
57	571	Piano 3	19	21	1	0.57	2.50	2.50	2263	1843	8477	5578	2	15.0 0	293. 00	3.75	3.03	V
64	247	Piano 1	22	2	1	0.57	2.50	2.50	4681	1217	19031	11113	2	15.0 0	287. 00	4.07	9.13	V
65	415	Piano 2	22	7	1	0.57	2.50	2.50	2220	630	11894	7867	2	15.0 0	293. 00	5.36	12.4 9	V
66	580	Piano 3	22	21	1	0.57	2.50	2.50	2795	1844	8789	5786	2	15.0 0	293. 00	3.14	3.14	V
70	252	Piano 1	24	2	1	0.57	2.50	2.50	4847	2870	19125	11168	2	15.0 0	287. 00	3.95	3.89	V
71	420	Piano 2	24	7	1	0.57	2.50	2.50	1664	1755	11145	7368	2	15.0 0	293. 00	6.70	4.20	V
72	585	Piano 3	24	21	1	0.57	2.50	2.50	2388	2140	8506	5701	2	15.0 0	268. 00	3.56	2.66	V
73	253	Piano 1	25	2	1	0.57	2.50	2.50	7005	1778	19876	11597	2	15.0 0	287. 00	2.84	6.52	V
74	421	Piano 2	25	7	1	0.57	2.50	2.50	2827	1062	12654	8373	2	15.0 0	293. 00	4.48	7.88	V
75	586	Piano 3	25	21	1	0.57	2.50	2.50	2482	2308	9808	6463	2	15.0 0	293. 00	3.95	2.80	V
77	254	Piano 1	26	2	1	0.57	2.50	2.50	4393	1507	20545	11979	2	15.0 0	287. 00	4.68	7.95	V
78	422	Piano 2	26	7	1	0.57	2.50	2.50	4157	996	14379	9726	2	15.0 0	258. 00	3.46	9.77	V
79	587	Piano 3	26	7	1	0.57	2.50	2.50	4666	1578	11730	7955	2	15.0 0	258. 00	2.51	5.04	V
82	423	Piano 2	27	7	1	0.57	2.50	2.50	1716	3198	15090	10204	2	15.0 0	257. 98	8.79	3.19	V
84	650	Piano 4	27	21	1	0.57	2.50	2.50	2013	1500	10633	7346	2	15.0 0	213. 19	5.28	4.90	V
88	651	Piano 4	28	3	1	0.57	2.50	2.50	6775	1822	28687	9547	2	15.0 0	310. 19	4.23	5.24	V
89	263	Piano 1	29	2	1	0.57	2.50	2.50	4927	4927	23481	14081	2	15.0 0	252. 00	4.77	2.86	V
91	593	Piano 3	29	21	1	0.57	2.50	2.50	1536	3224	10410	6975	2	15.0 0	267. 00	6.78	2.16	V
95	594	Piano 3	30	10	1	0.57	2.50	2.50	1978	3960	15933	9461	2	15.0 0	258. 00	8.06	2.39	V
96	653	Piano 4	30	10	1	0.57	2.50	2.50	4044	3538	14877	9552	2	15.0 0	170. 24	3.68	2.70	V
97	265	Piano 1	31	2	1	0.57	2.50	2.50	4850	5586	20361	12298	2	15.0 0	252. 00	4.20	2.20	V
98	430	Piano 2	31	7	1	0.57	2.50	2.50	1762	3763	12624	8553	2	15.0 0	258. 00	7.17	2.27	V
100	654	Piano 4	31	21	1	0.57	2.50	2.50	1594	1115	8566	5814	2	15.0 0	250. 24	5.38	5.21	V
104	655	Piano 4	32	7	1	0.57	2.50	2.50	1504	696	9236	5914	2	15.0 0	324. 98	6.14	8.49	V
105	270	Piano 1	33	2	1	0.57	2.50	2.50	6656	1973	20648	12038	2	15.0 0	287. 00	3.10	6.10	V
106	435	Piano 2	33	7	1	0.57	2.50	2.50	2884	1274	13291	8796	2	15.0 0	293. 00	4.61	6.91	V
107	600	Piano 3	33	21	1	0.57	2.50	2.50	2342	1484	10255	6761	2	15.0 0	293. 00	4.38	4.56	V
109	271	Piano 1	34	2	1	0.57	2.50	2.50	6882	1855	22685	13626	2	15.0 0	252. 00	3.30	7.34	V

110	436	Piano 2	34	7	1	0.57	2.50	2.50	4966	1256	14548	9841	2	15.00	258.00	2.93	7.83	V
111	601	Piano 3	34	7	1	0.57	2.50	2.50	3074	2393	11370	7517	2	15.00	293.00	3.70	3.14	V
112	657	Piano 4	34	21	1	0.57	2.50	2.50	2080	4187	10669	7536	2	15.00	173.00	5.13	1.80	V
113	272	Piano 1	35	3	1	0.57	2.50	2.50	22551	8733	55563	18446	2	15.00	252.00	2.46	2.11	V
115	602	Piano 3	35	3	1	0.57	2.50	2.50	8488	6721	34696	12185	2	15.00	267.00	4.09	1.81	V
116	658	Piano 4	35	3	1	0.57	2.50	2.50	7266	2737	31524	11856	2	15.00	250.27	4.34	4.33	V
120	659	Piano 4	36	21	1	0.57	2.50	2.50	690	547	7870	4949	2	15.00	347.27	11.41	9.05	V
121	277	Piano 1	37	9	1	1.01	2.50	2.50	1055	1757	10883	10883	2	15.00	239.35	10.31	6.19	V
122	442	Piano 2	37	9	1	1.01	2.50	2.50	1317	2274	9456	9456	2	15.00	257.35	7.18	4.16	V
124	660	Piano 4	37	9	1	1.01	2.50	2.50	1183	952	8319	8319	2	15.00	262.27	7.03	8.74	V
125	278	Piano 1	38	9	1	1.01	2.50	2.50	1005	1834	10538	10538	2	15.00	251.93	10.49	5.75	V
126	443	Piano 2	38	9	1	1.01	2.50	2.50	1526	3062	9569	9569	2	15.00	257.93	6.27	3.13	V
127	608	Piano 3	38	9	1	1.01	2.50	2.50	1575	2929	8328	8328	2	15.00	266.93	5.29	2.84	V
128	661	Piano 4	38	9	1	1.01	2.50	2.50	853	390	7028	7028	2	15.00	347.27	8.24	18.01	V
144	665	Piano 4	42	21	1	0.57	2.50	2.50	1010	337	7197	4499	2	15.00	347.27	7.12	13.37	V

### 3.1.2.1.1.6 Verifica Taglio Pilastri con Ringrossi in CA - PGA SLV = 0.4254 g.

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(θ)XY : cotangente dell'angolo θ di calcolo;  
 cot(θ)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;

Nbr\_Y : numero di bracci di cui è composta la staffa di calcolo in direzione Y;

D<sub>Staffe</sub> : interasse tra le staffe di calcolo;

L<sub>TR</sub> : lunghezza dei tratti per cui si ha D<sub>Staffe</sub>;

S<sub>XY</sub> : coefficiente di sicurezza relativo a V<sub>SdXY</sub>

S<sub>XZ</sub> : coefficiente di sicurezza relativo a V<sub>SdXZ</sub>

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

Tabella 90.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Cons.	Blocco	AStaffe [cm <sup>2</sup> ]	cot θXY [°]	cot θXZ [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr_X	Nbr_Y	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
										Vsdx [daN]	Vsdx [daN]	Vrdx [daN]	Vrdx [daN]							
1	211	Piano 1	1	29	AP DEFAU LT_001	1	3.38	2.00	2.00	19050	28798	162466	158981	2	2	15.0	252	8.53	5.52	V
2	379	Piano 2	1	30	AP DEFAU LT_001	1	3.38	1.80	1.80	3747	15537	146774	144428	2	2	15.0	258	39.17	9.30	V
3	544	Piano 3	1	31	AP DEFAU LT_001	1	3.38	1.60	1.60	4830	21014	125944	123932	2	2	15.0	267	26.07	5.90	V
4	212	Piano 1	2	39	DEFAU LT_002	1	3.30	1.20	1.20	44565	62562	138696	135732	2	2	10.0	252	3.11	2.17	V
5	380	Piano 2	2	30	AP DEFAU	1	3.38	2.00	2.00	20610	46517	158640	156105	2	2	15.0	258	7.70	3.36	V

## Relazione di calcolo

6	545	Piano 3	2	30	LT_001 AP DEFAU LT_001	1	3.38	1.80	1.80	16990	46486	15099 2	14461 8	2	2	15.0	267	8.89	3.11	V
7	216	Piano 1	3	39	DEFAU LT_002	1	3.30	1.00	1.00	37930	63809	11972 0	11716 2	2	2	10.0	252	3.16	1.84	V
8	384	Piano 2	3	30	AP DEFAU LT_001	1	3.38	2.00	2.00	5117	16131	15864 0	15610 5	2	2	15.0	293	31.00	9.68	V
9	549	Piano 3	3	31	AP DEFAU LT_001	1	3.38	1.40	1.40	8079	3430	14481 8	11248 1	2	2	15.0	293	17.92	32.80	V
49	233	Piano 1	17	29	AP DEFAU LT_001	1	3.38	1.60	1.60	26386	8374	18766 8	12854 9	2	2	15.0	252	7.11	15.35	V
50	401	Piano 2	17	30	AP DEFAU LT_001	1	3.38	1.60	1.60	23754	2641	16796 2	12854 9	2	2	15.0	258	7.07	48.67	V
51	566	Piano 3	17	30	AP DEFAU LT_001	1	3.38	1.50	1.50	27886	13762	15746 4	12051 5	2	2	15.0	258	5.65	8.76	V
58	239	Piano 1	20	29	AP DEFAU LT_001	1	3.38	1.60	1.60	69071	9343	17649 0	12854 9	2	2	15.0	252	2.56	13.76	V
59	407	Piano 2	20	30	AP DEFAU LT_001	1	3.38	1.50	1.50	14287	2219	15746 4	12051 5	2	2	15.0	258	11.02	54.30	V
60	572	Piano 3	20	30	AP DEFAU LT_001	1	3.38	1.80	1.80	8076	10424	13895 9	13673 9	2	2	15.0	258	17.21	13.12	V
61	243	Piano 1	21	39	DEFAU LT_002	1	3.30	1.40	1.40	19023	46361	16122 6	15778 1	2	2	10.0	262	8.48	3.40	V
62	411	Piano 2	21	30	AP DEFAU LT_001	1	3.38	2.00	2.00	8547	15576	15864 0	15610 5	2	2	15.0	268	18.56	10.02	V
63	576	Piano 3	21	31	AP DEFAU LT_001	1	3.38	1.60	1.60	12776	59629	13392 3	12854 9	2	2	15.0	268	10.48	2.16	V
67	248	Piano 1	23	29	AP DEFAU LT_001	1	3.38	1.70	1.70	54896	8810	19289 2	13658 4	2	2	15.0	287	3.51	15.50	V
68	416	Piano 2	23	30	AP DEFAU LT_001	1	3.38	1.70	1.70	27996	3492	17105 9	13658 4	2	2	15.0	258	6.11	39.11	V
69	581	Piano 3	23	30	AP DEFAU LT_001	1	3.38	1.50	1.50	37474	12095	15746 4	12051 5	2	2	15.0	258	4.20	9.96	V
80	649	Piano 4	26	31	AP DEFAU LT_001	1	3.38	1.60	1.60	21635	22320	12568 5	12367 7	2	2	15.0	173	5.81	5.54	V
81	255	Piano 1	27	39	DEFAU LT_002	1	3.30	1.70	1.70	17184	77677	19292 7	18880 5	2	2	10.0	252	11.23	2.43	V
83	588	Piano 3	27	31	AP DEFAU LT_001	1	3.38	1.60	1.60	15866	24437	13121 2	12854 9	2	2	15.0	258	8.27	5.26	V
85	259	Piano 1	28	40	SOLO BASE 30	1	5.03	1.00	1.00	12018 5	36565	24780 5	96014	2	2	10.0	258	2.06	2.63	V
86	424	Piano 2	28	36	AP DEFAU LT_001 _001	1	3.43	1.00	1.00	20782	11450	20533 7	65987	2	2	10.0	258	9.88	5.76	V
87	589	Piano 3	28	36	AP DEFAU LT_001 _001	1	3.43	1.00	1.00	25823	12472	18726 4	65987	2	2	10.0	258	7.25	5.29	V
90	428	Piano 2	29	34	AP DEFAU LT_001 _001	1	3.43	1.50	1.50	7047	9694	10148 6	93850	2	2	10.0	258	14.40	9.68	V
93	264	Piano 1	30	29	AP DEFAU LT_001	1	3.38	2.00	2.00	12814	19904	16541 4	16068 7	2	2	15.0	252	12.91	8.07	V
94	429	Piano 2	30	29	AP DEFAU LT_001	1	3.38	2.00	2.00	5013	31494	15753 0	15415 1	2	2	15.0	258	31.42	4.89	V
99	595	Piano 3	31	31	AP DEFAU LT_001	1	3.38	1.60	1.60	13677	29256	12625 5	12423 7	2	2	15.0	258	9.23	4.25	V
101	266	Piano 1	32	28	AP DEFAU LT_001 _001	1	3.43	1.00	1.00	27538	5785	13248 9	65987	2	2	10.0	252	4.81	11.41	V
102	431	Piano 2	32	35	AP DEFAU LT_001 _001	1	3.43	1.00	1.00	21033	7378	90016	65987	2	2	10.0	258	4.28	8.94	V
103	596	Piano 3	32	35	AP DEFAU LT_001 _001	1	3.43	1.00	1.00	22013	7531	79985	65987	2	2	10.0	267	3.63	8.76	V
114	437	Piano 2	35	40	SOLO BASE 30	1	4.81	1.80	1.80	11747	15189	18052 8	16172 1	2	2	10.0	258	15.37	10.65	V
117	273	Piano 1	36	28	AP DEFAU LT_001 _001	1	3.43	1.00	1.00	24404	7315	13248 9	65987	2	2	10.0	252	5.43	9.02	V
118	438	Piano 2	36	28	AP DEFAU	1	3.43	1.00	1.00	19579	9766	12325 6	65987	2	2	10.0	258	6.30	6.76	V

					LT_001_001															
119	603	Piano 3	36	35	AP DEFAU LT_001_001	1	3.43	1.00	1.00	22084	10135	79982	65987	2	2	10.0	267	3.62	6.51	V
123	607	Piano 3	37	22	AP DEFAU LT	1	2.43	1.70	1.70	12934	19270	97372	97372	2	2	15.0	266	7.53	5.05	V
129	279	Piano 1	39	29	AP DEFAU LT_001	1	3.38	2.00	2.00	13103	17861	16288 4	15939 0	2	2	15.0	252	12.43	8.92	V
130	444	Piano 2	39	30	AP DEFAU LT_001	1	3.38	1.80	1.80	3965	23705	15007 2	14461 8	2	2	15.0	258	37.85	6.10	V
131	609	Piano 3	39	31	AP DEFAU LT_001	1	3.38	1.60	1.60	9045	16620	12923 2	12716 7	2	2	15.0	267	14.29	7.65	V
133	280	Piano 1	40	39	DEFAU LT_002	1	3.30	1.00	1.00	49135	74086	11091 3	10854 2	2	2	10.0	247	2.26	1.47	V
134	445	Piano 2	40	29	AP DEFAU LT_001	1	3.38	2.10	2.10	21743	38319	17133 2	16765 6	2	2	15.0	258	7.88	4.38	V
135	610	Piano 3	40	29	AP DEFAU LT_001	1	3.38	2.00	2.00	19979	48418	16666 2	16068 7	2	2	15.0	267	8.34	3.32	V
136	663	Piano 4	40	30	AP DEFAU LT_001	1	3.38	1.90	1.90	12755	38044	15317 7	15073 0	2	2	15.0	144	12.01	3.96	V
137	284	Piano 1	41	39	DEFAU LT_002	1	3.30	1.20	1.20	47985	71882	13342 6	13057 5	2	2	10.0	247	2.78	1.82	V
138	449	Piano 2	41	29	AP DEFAU LT_001	1	3.38	2.10	2.10	33327	45817	17133 2	16765 6	2	2	15.0	257	5.14	3.66	V
139	614	Piano 3	41	29	AP DEFAU LT_001	1	3.38	2.10	2.10	26451	48836	16423 7	16071 4	2	2	15.0	266	6.21	3.29	V
140	664	Piano 4	41	30	AP DEFAU LT_001	1	3.38	1.90	1.90	8636	31281	15010 1	14770 3	2	2	15.0	224	17.38	4.72	V
141	288	Piano 1	42	28	AP DEFAU LT_001_001	1	3.43	1.70	1.70	9464	8764	11580 0	10660 0	2	2	10.0	252	12.24	12.16	V
142	453	Piano 2	42	34	AP DEFAU LT_001_001	1	3.43	1.50	1.50	2831	12230	10455 4	96687	2	2	10.0	258	36.93	7.91	V
143	618	Piano 3	42	35	AP DEFAU LT_001_001	1	3.43	1.10	1.10	4811	11941	78670	72586	2	2	10.0	267	16.35	6.08	V

### 3.1.2.2 Travi di Elevazione.

#### 3.1.2.2.1 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.

##### 3.1.2.2.1.1 Verifiche a Flessione Composta - PGA SLV = 0.4254 g.

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;  
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta  
 A<sub>sup</sub> : valore dell'area di armatura presente all'estradosso;  
 A<sub>inf</sub> : valore dell'area di armatura presente all'intradosso;  
 A<sub>fl</sub> : valore dell'area di armatura presente nella sezione;  
 CC : numero della combinazione di carico;  
 Azioni Sollecitanti:  
     N<sub>Sd</sub> : Sforzo Normale Sollecitante;  
     M<sub>SdXZ</sub> : valore del Momento Flettente X-Z sollecitante di calcolo;  
     M<sub>SdXY</sub> : valore del Momento Flettente X-Y sollecitante di calcolo;  
 Azioni Resistenti:  
     N<sub>Rd</sub> : Sforzo Normale Resistente;  
     M<sub>RdXZ</sub> : valore del Momento Flettente X-Z resistente di calcolo;



## Relazione 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 91.I

Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	A <sub>sup</sub> [cm <sup>2</sup> ]	A <sub>inf</sub> [cm <sup>2</sup> ]	A <sub>n</sub> [cm <sup>2</sup> ]	CC	Azioni Sollecitanti			Azioni Resistenti			S	Esito
										N <sub>sd</sub> [daN]	M <sub>sdxz</sub> [daNm]	M <sub>sdxy</sub> [daNm]	N <sub>rd</sub> [daN]	M <sub>rdxz</sub> [daNm]	M <sub>rdxy</sub> [daNm]		
2	115	Piano 1	1-4	5	43.64	11.18	5.15	16.34	1	0	6605	-	0	8319	-	1.26	V
					130.93	4.02	9.17	13.19	1	0	5055	-	-1	14571	-	2.88	V
					305.50	11.18	5.15	16.34	8	0	5215	-	0	8319	-	1.60	V
5	120	Piano 1	3-6	5	43.64	11.18	5.15	16.34	2	0	4262	-	0	8319	-	1.95	V
					130.93	4.02	9.17	13.19	2	0	3149	-	-1	14571	-	4.63	V
					305.50	11.18	5.15	16.34	7	0	3832	-	0	8319	-	2.17	V
6	121	Piano 1	4-5	6	0.00	13.38	4.62	18.00	13	0	-2233	-	0	-5807	-	2.60	V
					226.84	3.08	8.64	11.72	12	0	973	-	1	3945	-	4.05	V
					604.90	13.38	4.62	18.00	12	0	-2196	-	0	-5807	-	2.64	V
7	122	Piano 1	4-7	5	36.61	10.24	4.21	14.45	1	0	4155	-	-1	6862	-	1.65	V
					183.05	3.08	8.23	11.31	6	0	3232	-	-1	13124	-	4.06	V
					292.88	10.24	4.21	14.45	8	0	4602	-	-1	6862	-	1.49	V
8	123	Piano 1	5-6	6	0.00	9.36	5.09	14.45	12	0	1220	-	0	2503	-	2.05	V
					155.41	9.36	5.09	14.45	13	0	536	-	0	2503	-	4.67	V
					248.66	9.36	5.09	14.45	13	0	1267	-	0	2503	-	1.98	V
9	124	Piano 1	5-8	5	36.62	10.24	4.21	14.45	2	0	2377	-	-1	6862	-	2.89	V
					183.08	3.08	8.23	11.31	6	0	3772	-	-1	13124	-	3.48	V
					219.69	10.24	4.21	14.45	6	0	3931	-	-1	6862	-	1.75	V
10	125	Piano 1	6-9	5	0.00	10.24	4.21	14.45	3	0	3910	-	-1	6862	-	1.75	V
					109.83	3.08	8.23	11.31	3	0	2379	-	-1	13124	-	5.52	V
					292.88	10.24	4.21	14.45	6	0	3711	-	-1	6862	-	1.85	V
11	126	Piano 1	7-8	6	0.00	13.38	4.62	18.00	13	0	-2238	-	0	-5807	-	2.59	V
					226.85	3.08	8.64	11.72	12	0	974	-	1	3945	-	4.05	V
					604.93	13.38	4.62	18.00	12	0	-2187	-	0	-5807	-	2.66	V
12	127	Piano 1	7-10	5	36.61	10.24	4.21	14.45	1	0	4516	-	-1	6862	-	1.52	V
					109.83	3.08	8.23	11.31	1	0	3221	-	-1	13124	-	4.07	V
					292.88	10.24	4.21	14.45	8	0	4650	-	-1	6862	-	1.48	V
13	128	Piano 1	8-9	6	0.00	9.36	5.09	14.45	12	0	1246	-	0	2503	-	2.01	V
					155.02	9.36	5.09	14.45	13	0	528	-	0	2503	-	4.74	V
					248.03	9.36	5.09	14.45	13	0	1292	-	0	2503	-	1.94	V
14	129	Piano 1	8-11	5	36.61	10.24	4.21	14.45	1	0	3664	-	-1	6862	-	1.87	V
					109.83	3.08	8.23	11.31	1	0	3177	-	-1	13124	-	4.13	V
					256.27	10.24	4.21	14.45	8	0	3722	-	-1	6862	-	1.84	V
15	130	Piano 1	9-12	5	0.00	10.24	4.21	14.45	3	0	3825	-	-1	6862	-	1.79	V
					183.05	3.08	8.23	11.31	6	0	2312	-	-1	13124	-	5.68	V
					292.88	10.24	4.21	14.45	6	0	4017	-	-1	6862	-	1.71	V
16	131	Piano 1	10-11	13	75.62	9.24	3.08	12.32	12	0	3207	-	-1	4938	-	1.54	V
					226.85	3.08	6.16	9.24	12	0	3015	-	0	9704	-	3.22	V
					529.31	9.24	3.08	12.32	13	0	1729	-	-1	4938	-	2.86	V
17	132	Piano 1	10-13	12	0.00	11.18	5.15	16.34	1	0	4580	-	0	8319	-	1.82	V
					183.05	4.02	9.17	13.19	8	0	3270	-	-1	14571	-	4.46	V
					292.88	11.18	5.15	16.34	8	0	4788	-	0	8319	-	1.74	V
19	134	Piano 1	11-14	5	36.61	10.24	4.21	14.45	3	0	4204	-	-1	6862	-	1.63	V
					109.83	3.08	8.23	11.31	3	0	3907	-	-1	13124	-	3.36	V
					219.66	10.24	4.21	14.45	6	0	2609	-	-1	6862	-	2.63	V
20	135	Piano 1	12-15	5	0.00	10.24	4.21	14.45	1	0	4120	-	-1	6862	-	1.67	V
					183.05	3.08	8.23	11.31	8	0	2349	-	-1	13124	-	5.59	V
					292.88	10.24	4.21	14.45	8	0	4261	-	-1	6862	-	1.61	V
21	136	Piano 1	13-14	6	0.00	13.38	4.62	18.00	13	0	-2226	-	0	-5807	-	2.61	V
					226.85	3.08	8.64	11.72	12	0	961	-	1	3945	-	4.11	V
					604.93	13.38	4.62	18.00	12	0	-2185	-	0	-5807	-	2.66	V
22	137	Piano 1	13-16	12	37.88	11.18	5.15	16.34	1	0	4260	-	0	8319	-	1.95	V
					189.41	4.02	9.17	13.19	8	0	3374	-	-1	14571	-	4.32	V
					265.18	11.18	5.15	16.34	8	0	4666	-	0	8319	-	1.78	V
23	138	Piano 1	14-15	6	0.00	9.36	5.09	14.45	12	0	1218	-	0	2503	-	2.05	V
					93.01	9.36	5.09	14.45	12	0	506	-	0	2503	-	4.95	V
					248.03	9.36	5.09	14.45	13	0	1219	-	0	2503	-	2.05	V
25	140	Piano 1	15-18	5	37.88	10.24	4.21	14.45	1	0	3519	-	-1	6862	-	1.95	V
					113.65	3.08	8.23	11.31	1	0	2776	-	-1	13124	-	4.73	V
					303.06	10.24	4.21	14.45	6	0	3150	-	-1	6862	-	2.18	V
26	141	Piano 1	16-17	6	0.00	13.38	4.62	18.00	15	0	-2230	-	0	-5807	-	2.60	V
					368.70	3.08	8.64	11.72	15	0	966	-	1	3945	-	4.08	V
					589.93	13.38	4.62	18.00	10	0	-1997	-	0	-5807	-	2.91	V
27	142	Piano 1	16-19	13	37.88	11.18	5.15	16.34	1	0	4042	-	1	8179	-	2.02	V
					189.42	4.02	9.17	13.19	8	0	3192	-	1	14351	-	4.50	V
					265.18	11.18	5.15	16.34	8	0	4311	-	1	8179	-	1.90	V
28	143	Piano 1	17-18	6	0.00	9.36	5.09	14.45	12	0	1385	-	0	2503	-	1.81	V
					145.64	9.36	5.09	14.45	13	0	616	-	0	2503	-	4.07	V
					233.03	9.36	5.09	14.45	13	0	1465	-	0	2503	-	1.71	V
31	152	Piano 1	19-20	6	0.00	13.38	4.62	18.00	15	0	-2209	-	0	-5807	-	2.63	V
					368.70	3.08	8.64	11.72	15	0	961	-	1	3945	-	4.10	V
					589.93	13.38	4.62	18.00									

## Relazione di calcolo

35	159	Piano 1	21-24	5	33.54	10.24	4.21	14.45	3	0	3776	-	-1	6862	-	1.82	V
					100.61	3.08	8.23	11.31	3	0	2897	-	-1	13124	-	4.53	V
					268.30	10.24	4.21	14.45	12	0	3922	-	-1	6862	-	1.75	V
36	160	Piano 1	21-43	26	0.00	25.45	25.45	91.61	10	0	3155	-	0	46595	-	14.77	V
					179.72	25.45	25.45	91.61	10	0	535	-	0	46595	-	87.11	V
					287.54	25.45	25.45	91.61	10	0	-3196	-	0	-46595	-	14.58	V
37	164	Piano 1	22-23	6	0.00	13.38	4.62	18.00	14	0	-2226	-	0	-5807	-	2.61	V
					370.20	3.08	8.64	11.72	14	0	970	-	1	3945	-	4.07	V
					592.32	13.38	4.62	18.00	11	0	-2023	-	0	-5807	-	2.87	V
38	165	Piano 1	22-25	13	36.61	10.24	4.21	14.45	1	0	3858	-	-2	6726	-	1.74	V
					183.05	3.08	8.23	11.31	8	0	3209	-	1	12903	-	4.02	V
					292.88	10.24	4.21	14.45	8	0	4819	-	-2	6726	-	1.40	V
39	166	Piano 1	23-24	6	0.00	9.36	5.09	14.45	9	0	1259	-	0	2503	-	1.99	V
					86.49	9.36	5.09	14.45	9	0	557	-	0	2503	-	4.49	V
					230.64	9.36	5.09	14.45	16	0	1124	-	0	2503	-	2.23	V
40	167	Piano 1	23-26	5	0.00	10.24	4.21	14.45	3	0	5577	-	-1	6862	-	1.23	V
					104.21	3.08	8.23	11.31	1	0	3885	-	-1	13124	-	3.38	V
					277.89	10.24	4.21	14.45	6	0	5680	-	-1	6862	-	1.21	V
41	168	Piano 1	24-27	13	35.93	10.24	4.21	14.45	1	0	4002	-	-2	6726	-	1.68	V
					179.67	3.08	8.23	11.31	8	0	3094	-	1	12903	-	4.17	V
					251.53	10.24	4.21	14.45	8	0	3916	-	-2	6726	-	1.72	V
42	169	Piano 1	44-24	19	0.00	16.08	16.08	56.30	9	0	-9958	-	-1	-38865	-	3.90	V
					113.45	16.08	16.08	56.30	16	0	3060	-	-1	-38865	-	12.70	V
					302.54	16.08	16.08	56.30	9	0	7838	-	-1	-38865	-	4.96	V
43	170	Piano 1	25-26	6	0.00	13.38	4.62	18.00	16	0	-2203	-	0	-5807	-	2.64	V
					226.85	3.08	8.64	11.72	9	0	961	-	1	3945	-	4.10	V
					604.93	13.38	4.62	18.00	11	0	-2197	-	0	-5807	-	2.64	V
44	171	Piano 1	25-29	5	0.00	12.50	5.34	17.84	1	0	4892	-	0	8631	-	1.76	V
					189.41	5.34	9.36	14.70	8	0	4577	-	1	14899	-	3.26	V
					303.06	12.50	5.34	17.84	8	0	7441	-	0	8631	-	1.16	V
45	172	Piano 1	26-27	6	0.00	9.36	5.09	14.45	9	0	1430	-	0	2503	-	1.75	V
					87.39	9.36	5.09	14.45	9	0	710	-	0	2503	-	3.52	V
					233.03	9.36	5.09	14.45	16	0	922	-	0	2503	-	2.71	V
46	173	Piano 1	26-30	5	36.01	10.24	4.21	14.45	1	0	4116	-	-1	6862	-	1.67	V
					180.04	3.08	8.23	11.31	8	0	4351	-	-1	13124	-	3.02	V
					288.06	10.24	4.21	14.45	8	0	5976	-	-1	6862	-	1.15	V
48	178	Piano 1	27-31	5	36.01	10.24	4.21	14.45	4	0	3862	-	-1	6862	-	1.78	V
					180.04	3.08	8.23	11.31	5	0	2906	-	-1	13124	-	4.52	V
					288.06	10.24	4.21	14.45	5	0	5619	-	-1	6862	-	1.22	V
51	181	Piano 1	29-33	5	0.00	10.24	4.21	14.45	1	0	6211	-	-1	6862	-	1.10	V
					108.03	3.08	8.23	11.31	1	0	4058	-	-1	13124	-	3.23	V
					288.09	10.24	4.21	14.45	8	0	4497	-	-1	6862	-	1.53	V
53	183	Piano 1	30-34	5	34.74	10.24	4.21	14.45	3	0	5279	-	-1	6862	-	1.30	V
					104.21	3.08	8.23	11.31	1	0	4597	-	-1	13124	-	2.85	V
					243.15	10.24	4.21	14.45	5	0	3262	-	-1	6862	-	2.10	V
55	185	Piano 1	31-35	5	0.00	10.24	4.21	14.45	1	0	5887	-	-1	6862	-	1.17	V
					76.34	3.08	8.23	11.31	1	0	2791	-	-1	13124	-	4.70	V
					203.57	10.24	4.21	14.45	8	0	5956	-	-1	6862	-	1.15	V
57	191	Piano 1	33-34	6	0.00	13.38	4.62	18.00	16	0	-2308	-	0	-5807	-	2.52	V
					226.85	3.08	8.64	11.72	9	0	994	-	1	3945	-	3.97	V
					604.94	13.38	4.62	18.00	9	0	-2297	-	0	-5807	-	2.53	V
58	192	Piano 1	33-39	5	42.38	10.24	4.21	14.45	1	0	4948	-	-1	6862	-	1.39	V
					211.89	3.08	8.23	11.31	8	0	4953	-	-1	13124	-	2.65	V
					296.65	10.24	4.21	14.45	8	0	6345	-	-1	6862	-	1.08	V
59	193	Piano 1	34-35	6	0.00	9.36	5.09	14.45	9	0	1173	-	0	2503	-	2.13	V
					93.01	9.36	5.09	14.45	9	0	637	-	0	2503	-	3.93	V
					248.03	9.36	5.09	14.45	16	0	753	-	0	2503	-	3.32	V
62	196	Piano 1	35-37	5	0.00	10.24	4.21	14.45	4	0	6667	-	-1	6862	-	1.03	V
					83.15	3.08	8.23	11.31	5	0	-1464	-	1	-5084	-	3.47	V
					221.72	10.24	4.21	14.45	8	0	3773	-	-1	6862	-	1.82	V
63	197	Piano 1	38-36	5	0.00	9.24	7.10	16.34	5	0	4382	-	-1	11358	-	2.59	V
					125.98	4.62	7.10	11.72	5	0	-2473	-	0	-7491	-	3.03	V
					201.56	9.24	7.10	16.34	4	0	7222	-	-1	11358	-	1.57	V
66	200	Piano 1	42-38	5	20.50	4.62	7.10	11.72	4	0	-5100	-	0	-7491	-	1.47	V
					30.74	4.62	7.10	11.72	4	0	-4021	-	0	-7491	-	1.86	V
					61.49	4.62	7.10	11.72	14	0	-1337	-	0	-7491	-	5.61	V
69	205	Piano 1	40-48	26	0.00	10.05	10.05	20.11	16	0	-1092	-	0	-16861	-	15.45	V
					78.21	10.05	10.05	20.11	16	0	331	-	0	16861	-	50.92	V
					125.13	10.05	10.05	20.11	16	0	923	-	0	16861	-	18.26	V
71	208	Piano 1	41-47	26	0.00	10.05	10.05	20.11	9	0	-549	-	0	-16861	-	30.71	V
					46.92	10.05	10.05	20.11	9	0	-407	-	0	-16861	-	41.41	V
					125.13	10.05	10.05	20.11	14	0	-1166	-	0	-16861	-	14.47	V
74	292	Piano 2	1-4	5	44.89	11.18	5.15	16.34	1	0	6259	-	0	8319	-	1.33	V
					134.68	4.02	9.17	13.19	3	0	5003	-	-1	14571	-	2.91	V
					314.25	11.18	5.15	16.34	8	0	4929	-	0	8319	-	1.69	V
75	293	Piano 2	2-3	13	0.00	9.24	3.08	12.32	3	0	2604	-	-2	4958	-	1.90	V
					136.27	3.08	6.16	9.24	13	0	-697	-	1	-4958	-	7.11	V
					218.03	9.24	3.08	12.32	13	0	3450	-	-2	4958	-	1.44	V
77	297	Piano 2	3-6	5	0.00	11.18	5.15	16.34	2	0	4641	-	0	8319	-	1.79	V
					134.68	4.02	9.17	13.19	2	0	3236	-	-1	14571	-	4.50	V
					359.14	11.18	5.15	16.34	7	0	4564	-	0	8319	-	1.82	V
78	298	Piano 2	4-5	23	0.00	13.38	4.62	18.00	13	0	-2502	-	0	-5807	-	2.32	V
					226.84	3.08	8.64	11.72	12	0	1013	-	1	3945	-	3.90	V
					604.90	13.38	4.62	18.00	12	0	-2404	-	0	-5807	-	2.42	V
79	299	Piano 2	4-7	5	37.86	10.24	4.21	14.45	1	0	4297	-	-1	6862	-	1.60	V
					189.30	3.08	8.23	11.31	6	0	3121	-	-1	13124	-	4.20	V
					265.02	10.24	4.21	14.45	6	0	4099	-	-1	6862	-	1.67	V
80	300	Piano 2	5-6	23	0.00	9.36	5.09	14.45	12	0	1602	-	0	2503	-	1.56	V
					155.41	9.36	5.09	14.45	13	0	587	-	0	2503	-	4.27	V
					248.66	9.36	5.09	14.45	13	0	1469	-	0	2503	-	1.70	V
81	301	Piano 2	5-8	5	37.87	10.24	4.21	14.45	2	0	3004	-	-1	6862	-	2.28	V
					189.33	3.08	8.23	11.31	6	0	3980	-	-1	13124	-	3.30	V
					227.19	10.24	4.21	14.45	6	0	3963	-	-1	6862	-	1.73	V
82	302	Piano 2	6-9	5	0.00	10.24	4.21	14.45	3	0	4242	-	-1	6862	-	1.62	V
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					302.88	10.24	4.21	14.45	6	0	3362	-	-1	6862	-	2.04	V
83	303	Piano 2	7-8	23	0.00	13.38	4.62	18.00	13	0	-2486	-	0	-5807	-	2.34	V
					226.85	3.08	8.64	11.72	12	0	1004	-	1	3945	-	3.93	V
					604.93	13.38	4.62	18.00	12	0	-2378	-	0	-5807	-	2.44	V
84	304	Piano 2	7-10	5	37.86	10.24	4.21	14.45	1	0	4435	-	-1	6862	-	1.55	V
					113.58	3.08	8.23	11.31	3	0	3222	-	-1	13124	-	4.07	V
					265.02	10.24	4.21	14.45	8	0	4066	-	-1	6862	-	1.69	V
85	305	Piano 2	8-9	23	0.00	9.36	5.09	14.45	12	0	1722	-	0	2503	-	1.45	V
					93.01	9.36	5.09	14.45	12	0	623	-	0	2503	-	4.02	V
					248.03	9.36	5.09	14.45	13	0	1566	-	0	2503	-	1.60	V
86	306	Piano 2	8-11	5	37.86	10.24	4.21	14.45	1	0	3474	-	-1	6862	-	1.97	V
					113.58	3.08	8.23	11.31	1	0	3141	-	-1	13124	-	4.18	V
					227.16	10.24	4.21	14.45	8	0	3377	-	-1	6862	-	2.03	V
87	307	Piano 2	9-12	5	0.00	10.24	4.21	14.45	3	0	3605	-	-1	6862	-	1.90	V
					189.30	3.08	8.23	11.31	6	0	2305	-	-1	13124	-	5.69	V
					302.88	10.24	4.21	14.45	6	0	3702	-	-1	6862	-	1.85	V
88	308	Piano 2	10-11	12	0.00	14.07	14.07	48.25	13	0	-10950	-	0	-35691	-	3.26	V
					226.85	14.07	14.07	48.25	12	0	4487	-	0	35691	-	7.95	V
					604.93	14.07	14.07	48.25	12	0	-7588	-	0	-35691	-	4.70	V
89	309	Piano 2	10-13	5	37.86	10.24	4.21	14.45	1	0	4336	-	-1	6862	-	1.58	V
					189.30	3.08	8.23	11.31	6	0	3131	-	-1	13124	-	4.19	V
					265.02	10.24	4.21	14.45	6	0	4173	-	-1	6862	-	1.64	V
91	311	Piano 2	11-14	5	37.86	10.24	4.21	14.45	3	0	4414	-	-1	6862	-	1.55	V
					113.58	3.08	8.23	11.31	3	0	4162	-	-1	13124	-	3.15	V
					227.16	10.24	4.21	14.45	6	0	3049	-	-1	6862	-	2.25	V
92	312	Piano 2	12-15	5	0.00	10.24	4.21	14.45	1	0	3809	-	-1	6862	-	1.80	V
					113.58	3.08	8.23	11.31	1	0	2290	-	-1	13124	-	5.73	V
					302.88	10.24	4.21	14.45	8	0	3449	-	-1	6862	-	1.99	V
93	313	Piano 2	13-14	23	0.00	13.38	4.62	18.00	13	0	-2491	-	0	-5807	-	2.33	V
					226.85	3.08	8.64	11.72	12	0	998	-	1	3945	-	3.95	V
					604.93	13.38	4.62	18.00	12	0	-2377	-	0	-5807	-	2.44	V
94	314	Piano 2	13-16	5	39.13	10.24	4.21	14.45	1	0	4145	-	-1	6862	-	1.66	V
					117.40	3.08	8.23	11.31	1	0	3224	-	-1	13124	-	4.07	V
					273.93	10.24	4.21	14.45	8	0	3971	-	-1	6862	-	1.73	V
95	315	Piano 2	14-15	23	0.00	9.36	5.09	14.45	12	0	1670	-	0	2503	-	1.50	V
					93.01	9.36	5.09	14.45	12	0	617	-	0	2503	-	4.06	V
					248.03	9.36	5.09	14.45	13	0	1537	-	0	2503	-	1.63	V
97	317	Piano 2	15-18	5	39.13	10.24	4.21	14.45	3	0	3749	-	-1	6862	-	1.83	V
					117.40	3.08	8.23	11.31	2	0	3005	-	-1	13124	-	4.37	V
					313.06	10.24	4.21	14.45	6	0	3341	-	-1	6862	-	2.05	V
98	318	Piano 2	16-17	23	0.00	13.38	4.62	18.00	15	0	-2509	-	0	-5807	-	2.31	V
					221.22	3.08	8.64	11.72	10	0	1006	-	1	3945	-	3.92	V
					589.93	13.38	4.62	18.00	10	0	-2213	-	0	-5807	-	2.62	V
99	319	Piano 2	16-19	12	39.13	10.24	4.21	14.45	1	0	4249	-	-1	6862	-	1.61	V
					117.40	3.08	8.23	11.31	1	0	3245	-	-1	13124	-	4.04	V
					273.93	10.24	4.21	14.45	8	0	4138	-	-1	6862	-	1.66	V
100	320	Piano 2	17-18	23	0.00	9.36	5.09	14.45	12	0	1771	-	0	2503	-	1.41	V
					145.64	9.36	5.09	14.45	13	0	774	-	0	2503	-	3.23	V
					233.03	9.36	5.09	14.45	13	0	1977	-	0	2503	-	1.27	V
103	328	Piano 2	19-20	23	0.00	13.38	4.62	18.00	13	0	-2496	-	0	-5807	-	2.33	V
					368.70	3.08	8.64	11.72	13	0	1009	-	1	3945	-	3.91	V
					589.93	13.38	4.62	18.00	12	0	-2228	-	0	-5807	-	2.61	V
104	329	Piano 2	19-22	5	37.86	10.24	4.21	14.45	1	0	4002	-	-1	6862	-	1.71	V
					189.30	3.08	8.23	11.31	6	0	3110	-	-1	13124	-	4.22	V
					265.02	10.24	4.21	14.45	8	0	4261	-	-1	6862	-	1.61	V
105	330	Piano 2	20-21	23	0.00	9.36	5.09	14.45	12	0	2375	-	0	2503	-	1.05	V
					81.76	9.36	5.09	14.45	12	0	822	-	0	2503	-	3.04	V
					218.03	9.36	5.09	14.45	13	0	2262	-	0	2503	-	1.11	V
107	335	Piano 2	21-24	5	0.00	10.24	4.21	14.45	13	0	5306	-	-1	6862	-	1.29	V
					104.36	3.08	8.23	11.31	13	0	3298	-	-1	13124	-	3.98	V
					278.30	10.24	4.21	14.45	12	0	5797	-	-1	6862	-	1.18	V
108	336	Piano 2	22-23	23	0.00	13.38	4.62	18.00	14	0	-2521	-	0	-5807	-	2.30	V
					222.12	3.08	8.64	11.72	11	0	1017	-	1	3945	-	3.88	V
					592.32	13.38	4.62	18.00	11	0	-2246	-	0	-5807	-	2.59	V
109	337	Piano 2	22-25	5	0.00	10.24	4.21	14.45	8	0	-9036	-	1	-16222	-	1.80	V
					189.30	3.08	8.23	11.31	8	0	3118	-	-1	13124	-	4.21	V
					302.88	10.24	4.21	14.45	8	0	4629	-	-1	6862	-	1.48	V
110	338	Piano 2	23-24	23	0.00	9.36	5.09	14.45	9	0	1570	-	0	2503	-	1.59	V
					86.49	9.36	5.09	14.45	9	0	655	-	0	2503	-	3.82	V
					230.64	9.36	5.09	14.45	16	0	1572	-	0	2503	-	1.59	V
112	340	Piano 2	24-27	5	39.06	10.24	4.21	14.45	1	0	3559	-	-1	6862	-	1.93	V
					117.17	3.08	8.23	11.31	1	0	3001	-	-1	13124	-	4.37	V
					234.35	10.24	4.21	14.45	8	0	2961	-	-1	6862	-	2.32	V
113	341	Piano 2	24-44	19	0.00	16.08	16.08	56.30	9	0	9168	-	-1	38865	-	4.24	V
					189.09	16.08	16.08	56.30	16	0	3084	-	-1	38865	-	12.60	V
					302.54	16.08	16.08	56.30	9	0	-10960	-	-1	-38865	-	3.55	V
114	342	Piano 2	25-26	23	0.00	13.38	4.62	18.00	14	0	-2450	-	0	-5807	-	2.37	V
					378.08	3.08	8.64	11.72	14	0	1006	-	1	3945	-	3.92	V
					604.93	13.38	4.62	18.00	11	0	-2399	-	0	-5807	-	2.42	V
115	343	Piano 2	25-29	5	36.63	10.24	4.21	14.45	1	0	4290	-	-1	6862	-	1.60	V
					183.16	3.08	8.23	11.31	8	0	4101	-	-1	13124	-	3.20	V
					293.06	10.24	4.21	14.45	8	0	6345	-	-1	6862	-	1.08	V
116	344	Piano 2	26-27	23	0.00	9.36	5.09	14.45	9	0	1696	-	0	2503	-	1.48	V
					93.01	9.36	5.09	14.45	9	0	772	-	0	2503	-	3.24	V
					248.03	9.36	5.09	14.45	16	0	1285	-	0	2503	-	1.95	V
117	345	Piano 2	26-30	5	37.26	10.24	4.21	14.45	1	0	2081	-	-1	6862	-	3.30	V
					186.29	3.08	8.23	11.31	8	0	5028	-	-1	13124	-	2.61	V
					223.55	10.24	4.21	14.45	8	0	5159	-	-1	6862	-	1.33	V
122	350	Piano 2	29-33	5	0.00	10.24	4.21	14.45	1	0	5442	-	-1	6862	-	1.26	V
					104.28	3.08	8.23	11.31	1	0	3682	-	-1	13124	-	3.56	V
					278.09	10.24	4.21	14.45	8	0	4238	-	-1	6862	-	1.62	V
124	352	Piano 2	30-34	5	34.74	10.24	4.21	14.45	3	0	4151	-	-1	6862	-	1.65	V
					104.21	3.08	8.23	11.31	1	0	4440	-	-1	13124	-	2.96	V
					208.41	10.24	4.21	14.45	11	0	4603	-	-1	6862	-</		

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					68.84	3.08	8.23	11.31	8	0	-1564	-	1	-5084	-	3.25	V
					183.57	10.24	4.21	14.45	8	0	4110	-	-1	6862	-	1.67	V
128	359	Piano 2	33-34	23	0.00	13.38	4.62	18.00	16	0	-2524	-	0	-5807	-	2.30	V
					378.09	3.08	8.64	11.72	16	0	1031	-	1	3945	-	3.83	V
					604.94	13.38	4.62	18.00	9	0	-2516	-	0	-5807	-	2.31	V
129	360	Piano 2	33-39	5	44.88	10.24	4.21	14.45	1	0	5201	-	-1	6862	-	1.32	V
					224.39	3.08	8.23	11.31	8	0	4986	-	-1	13124	-	2.63	V
					314.15	10.24	4.21	14.45	8	0	5794	-	-1	6862	-	1.18	V
130	361	Piano 2	34-35	23	0.00	9.36	5.09	14.45	9	0	1702	-	0	2503	-	1.47	V
					93.01	9.36	5.09	14.45	9	0	823	-	0	2503	-	3.04	V
					248.03	9.36	5.09	14.45	9	0	-1645	-	1	-4195	-	2.55	V
137	368	Piano 2	42-38	5	23.00	4.62	7.10	11.72	4	0	-6487	-	-1	-7491	-	1.15	V
					34.49	4.62	7.10	11.72	4	0	-5370	-	-1	-7491	-	1.40	V
					68.99	4.62	7.10	11.72	11	0	4328	-	0	11360	-	2.62	V
140	373	Piano 2	40-48	26	0.00	10.05	10.05	20.11	14	0	-1356	-	0	-16861	-	12.43	V
					78.21	10.05	10.05	20.11	16	0	665	-	0	16861	-	25.37	V
					125.13	10.05	10.05	20.11	16	0	1422	-	0	16861	-	11.86	V
142	376	Piano 2	41-47	26	0.00	10.05	10.05	20.11	9	0	-915	-	0	-16861	-	18.42	V
					78.20	10.05	10.05	20.11	9	0	592	-	0	16861	-	28.47	V
					125.13	10.05	10.05	20.11	14	0	-1509	-	0	-16861	-	11.18	V
145	457	Piano 3	1-4	19	44.89	11.18	5.15	16.34	3	0	5104	-	1	8179	-	1.60	V
					134.68	4.02	9.17	13.19	3	0	4026	-	1	14351	-	3.56	V
					314.25	11.18	5.15	16.34	6	0	3328	-	1	8179	-	2.46	V
146	458	Piano 3	2-3	19	0.00	11.91	4.21	16.12	3	0	5501	-	2	6728	-	1.22	V
					81.76	4.21	7.29	11.50	3	0	-732	-	-1	-6729	-	9.19	V
					218.03	11.91	4.21	16.12	15	0	1325	-	2	6728	-	5.08	V
147	461	Piano 3	2-5	19	0.00	11.18	5.15	16.34	6	0	-8881	-	0	-17375	-	1.96	V
					134.66	4.02	9.17	13.19	3	0	3907	-	1	14351	-	3.67	V
					314.21	11.18	5.15	16.34	6	0	3984	-	1	8179	-	2.05	V
148	462	Piano 3	3-6	19	0.00	11.18	5.15	16.34	2	0	4515	-	1	8179	-	1.81	V
					134.68	4.02	9.17	13.19	2	0	2623	-	1	14351	-	5.47	V
					359.14	11.18	5.15	16.34	7	0	4437	-	1	8179	-	1.84	V
150	464	Piano 3	4-7	19	37.86	10.24	4.21	14.45	1	0	2244	-	-2	6726	-	3.00	V
					189.30	3.08	8.23	11.31	6	0	2063	-	1	12903	-	6.25	V
					227.16	10.24	4.21	14.45	6	0	2315	-	-2	6726	-	2.91	V
152	466	Piano 3	5-8	19	37.87	10.24	4.21	14.45	3	0	2929	-	-2	6726	-	2.30	V
					113.60	3.08	8.23	11.31	1	0	2523	-	1	12903	-	5.11	V
					227.19	10.24	4.21	14.45	6	0	2588	-	-2	6726	-	2.60	V
153	467	Piano 3	6-9	19	0.00	10.24	4.21	14.45	3	0	2842	-	-2	6726	-	2.37	V
					113.58	3.08	8.23	11.31	3	0	1796	-	1	12903	-	7.18	V
					302.88	10.24	4.21	14.45	6	0	1908	-	-2	6726	-	3.52	V
155	469	Piano 3	7-10	19	37.86	10.24	4.21	14.45	3	0	2509	-	-2	6726	-	2.68	V
					113.58	3.08	8.23	11.31	3	0	1960	-	1	12903	-	6.58	V
					265.02	10.24	4.21	14.45	6	0	2185	-	-2	6726	-	3.08	V
157	471	Piano 3	8-11	5	37.86	10.24	4.21	14.45	1	0	1907	-	-1	6862	-	3.60	V
					113.58	3.08	8.23	11.31	1	0	2077	-	-1	13124	-	6.32	V
					227.16	10.24	4.21	14.45	8	0	2053	-	-1	6862	-	3.34	V
158	472	Piano 3	9-12	19	0.00	10.24	4.21	14.45	3	0	2000	-	-2	6726	-	3.36	V
					189.30	3.08	8.23	11.31	6	0	1470	-	1	12903	-	8.78	V
					302.88	10.24	4.21	14.45	6	0	2200	-	-2	6726	-	3.06	V
159	473	Piano 3	10-11	19	75.62	9.24	3.08	12.32	12	0	3933	-	-2	4958	-	1.26	V
					226.85	3.08	6.16	9.24	12	0	3258	-	-1	9758	-	3.00	V
					529.31	9.24	3.08	12.32	13	0	3268	-	-2	4958	-	1.52	V
160	474	Piano 3	10-13	19	37.86	10.24	4.21	14.45	1	0	2321	-	-2	6726	-	2.90	V
					113.58	3.08	8.23	11.31	1	0	1899	-	1	12903	-	6.80	V
					265.02	10.24	4.21	14.45	6	0	2233	-	-2	6726	-	3.01	V
161	475	Piano 3	11-12	19	0.00	10.37	4.21	14.58	12	0	3075	-	-1	6729	-	2.19	V
					155.02	4.21	7.29	11.50	12	0	-2091	-	-1	-6729	-	3.22	V
					248.03	10.37	4.21	14.58	13	0	5125	-	-1	6729	-	1.31	V
162	476	Piano 3	11-14	19	37.86	10.24	4.21	14.45	3	0	2937	-	-2	6726	-	2.29	V
					113.58	3.08	8.23	11.31	3	0	2985	-	1	12903	-	4.32	V
					227.16	10.24	4.21	14.45	6	0	2429	-	-2	6726	-	2.77	V
163	477	Piano 3	12-15	19	0.00	10.24	4.21	14.45	2	0	2142	-	-2	6726	-	3.14	V
					113.58	3.08	8.23	11.31	2	0	1503	-	1	12903	-	8.59	V
					265.02	10.24	4.21	14.45	7	0	1702	-	-2	6726	-	3.95	V
165	479	Piano 3	13-16	19	39.13	10.24	4.21	14.45	1	0	2087	-	-2	6726	-	3.22	V
					195.66	3.08	8.23	11.31	8	0	1974	-	1	12903	-	6.54	V
					234.80	10.24	4.21	14.45	8	0	2226	-	-2	6726	-	3.02	V
168	482	Piano 3	15-18	19	39.13	10.24	4.21	14.45	1	0	2165	-	-2	6726	-	3.11	V
					195.66	3.08	8.23	11.31	12	0	2345	-	1	12903	-	5.50	V
					313.06	10.24	4.21	14.45	6	0	2973	-	-2	6726	-	2.26	V
170	484	Piano 3	16-19	19	39.13	10.24	4.21	14.45	3	0	2396	-	-2	6726	-	2.81	V
					195.67	3.08	8.23	11.31	8	0	2070	-	1	12903	-	6.23	V
					273.93	10.24	4.21	14.45	8	0	2591	-	-2	6726	-	2.60	V
175	494	Piano 3	19-22	19	37.86	10.24	4.21	14.45	1	0	2311	-	-2	6726	-	2.91	V
					113.58	3.08	8.23	11.31	1	0	1953	-	1	12903	-	6.61	V
					302.88	10.24	4.21	14.45	3	0	-4578	-	0	-15928	-	3.48	V
180	502	Piano 3	22-25	19	0.00	10.24	4.21	14.45	8	0	-6536	-	0	-15928	-	2.44	V
					189.30	3.08	8.23	11.31	6	0	3500	-	1	12903	-	3.69	V
					302.88	10.24	4.21	14.45	6	0	5741	-	-2	6726	-	1.17	V
183	505	Piano 3	24-27	19	37.18	10.24	4.21	14.45	9	0	4081	-	-2	6726	-	1.65	V
					111.55	3.08	8.23	11.31	9	0	3384	-	1	12903	-	3.81	V
					260.28	10.24	4.21	14.45	8	0	2689	-	-2	6726	-	2.50	V
184	506	Piano 3	44-24	19	0.00	16.08	16.08	56.30	9	0	-4130	-	-1	-38865	-	9.41	V
					113.45	16.08	16.08	56.30	16	0	3089	-	-1	38865	-	12.58	V
					226.91	16.08	16.08	56.30	16	0	2798	-	-1	38865	-	13.89	V
186	508	Piano 3	25-29	19	0.00	10.24	4.21	14.45	1	0	5715	-	-2	6726	-	1.18	V
					117.40	3.08	8.23	11.31	3	0	2953	-	1	12903	-	4.37	V
					313.06	10.24	4.21	14.45	8	0	5039	-	-2	6726	-	1.33	V
188	510	Piano 3	26-30	5	39.13	10.24	4.21	14.45	4	0	3402	-	-1	6862	-	2.02	V
					195.66	3.08	8.23	11.31	6	0	3077	-	-1	13124	-	4.26	V
					273.93	10.24	4.21	14.45	5	0	3555	-	-1	6862	-	1.93	V
193	515	Piano 3	29-33	19	0.00	10.24	4.21	14.45	3	0	4833	-	-2	6726	-	1.39	V
					186.31	3.08	8.23	11.31	6	0	2789	-					

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195	517	Piano 3	30-34	19	0.00	10.24	4.21	14.45	5	0	-6894	-	0	-15928	-	2.31	V
					183.05	3.08	8.23	11.31	5	0	2740	-	1	12903	-	4.71	V
					292.88	10.24	4.21	14.45	5	0	4499	-	-2	6726	-	1.49	V
197	519	Piano 3	31-35	19	0.00	10.24	4.21	14.45	1	0	4951	-	-2	6726	-	1.36	V
					74.47	3.08	8.23	11.31	1	0	2347	-	1	12903	-	5.50	V
					198.57	10.24	4.21	14.45	7	0	3869	-	-2	6726	-	1.74	V
200	525	Piano 3	33-39	19	0.00	10.24	4.21	14.45	1	0	6356	-	-2	6726	-	1.06	V
					134.63	3.08	8.23	11.31	1	0	3549	-	1	12903	-	3.64	V
					359.02	10.24	4.21	14.45	8	0	4696	-	-2	6726	-	1.43	V
202	527	Piano 3	34-40	19	43.03	10.24	4.21	14.45	9	0	4997	-	-2	6726	-	1.35	V
					129.09	3.08	8.23	11.31	9	0	3663	-	1	12903	-	3.52	V
					344.25	10.24	4.21	14.45	1	0	-8609	-	0	-15928	-	1.85	V
204	529	Piano 3	35-37	19	0.00	10.24	4.21	14.45	4	0	5567	-	-2	6726	-	1.21	V
					129.20	3.08	8.23	11.31	4	0	-967	-	1	-4958	-	5.13	V
					206.71	10.24	4.21	14.45	5	0	5052	-	-2	6726	-	1.33	V
208	533	Piano 3	42-38	19	23.00	4.62	7.10	11.72	4	0	-4936	-	0	-7361	-	1.49	V
					34.49	4.62	7.10	11.72	4	0	-3863	-	0	-7361	-	1.91	V
					68.99	4.62	7.10	11.72	11	0	3465	-	-1	11220	-	3.24	V
211	538	Piano 3	40-48	26	0.00	10.05	10.05	20.11	11	0	1692	-	0	16861	-	9.97	V
					46.92	10.05	10.05	20.11	9	0	-1774	-	0	-16861	-	9.50	V
					93.85	10.05	10.05	20.11	9	0	-1193	-	0	-16861	-	14.13	V
213	541	Piano 3	41-47	26	0.00	10.05	10.05	20.11	16	0	1071	-	0	16861	-	15.75	V
					43.17	10.05	10.05	20.11	16	0	-1350	-	0	-16861	-	12.49	V
					86.34	10.05	10.05	20.11	16	0	-956	-	0	-16861	-	17.63	V
216	622	Piano 4	25-29	19	0.00	10.24	4.21	14.45	3	0	5376	-	-2	6726	-	1.25	V
					109.90	3.08	8.23	11.31	3	0	2777	-	1	12903	-	4.65	V
					293.06	10.24	4.21	14.45	6	0	4374	-	-2	6726	-	1.54	V
218	624	Piano 4	26-30	5	37.26	10.24	4.21	14.45	4	0	4550	-	-1	6862	-	1.51	V
					111.77	3.08	8.23	11.31	4	0	3425	-	-1	13124	-	3.83	V
					260.81	10.24	4.21	14.45	5	0	2790	-	-1	6862	-	2.46	V
220	626	Piano 4	27-31	5	39.13	11.78	4.62	16.40	4	0	2168	-	0	7495	-	3.46	V
					117.40	4.62	8.64	13.26	4	0	2215	-	1	13761	-	6.21	V
					234.80	11.78	4.62	16.40	11	0	2208	-	0	7495	-	3.39	V
222	628	Piano 4	29-30	19	0.00	12.06	12.06	40.21	15	0	-9954	-	0	-28673	-	2.88	V
					235.80	12.06	12.06	40.21	10	0	5769	-	0	28673	-	4.97	V
					628.81	12.06	12.06	40.21	10	0	-6653	-	0	-28673	-	4.31	V
223	629	Piano 4	29-33	19	0.00	10.24	4.21	14.45	3	0	4049	-	-2	6726	-	1.66	V
					186.31	3.08	8.23	11.31	6	0	2561	-	1	12903	-	5.04	V
					298.09	10.24	4.21	14.45	6	0	4718	-	-2	6726	-	1.43	V
224	630	Piano 4	30-31	19	0.00	9.24	3.08	12.32	11	0	-2049	-	0	-14380	-	7.02	V
					96.53	3.08	6.16	9.24	11	0	-629	-	1	-4958	-	7.88	V
					257.42	9.24	3.08	12.32	9	0	439	-	-2	4958	-	11.29	V
225	631	Piano 4	30-34	5	0.00	10.24	4.21	14.45	5	0	-4690	-	1	-16222	-	3.46	V
					183.05	3.08	8.23	11.31	5	0	2390	-	-1	13124	-	5.49	V
					219.66	10.24	4.21	14.45	5	0	2665	-	-1	6862	-	2.57	V
226	632	Piano 4	31-32	19	0.00	9.24	3.08	12.32	4	0	1228	-	-2	4958	-	4.04	V
					196.51	3.08	6.16	9.24	5	0	971	-	-1	9758	-	10.04	V
					275.12	9.24	3.08	12.32	5	0	1169	-	-2	4958	-	4.24	V
227	633	Piano 4	31-35	5	26.70	10.24	4.21	14.45	10	0	1499	-	-1	6862	-	4.58	V
					133.48	3.08	8.23	11.31	5	0	1682	-	-1	13124	-	7.80	V
					213.57	10.24	4.21	14.45	7	0	2132	-	-1	6862	-	3.22	V
228	634	Piano 4	36-32	19	0.00	9.11	7.10	16.21	5	0	-4418	-	0	-14342	-	3.25	V
					186.61	3.08	7.10	10.18	5	0	3037	-	0	11203	-	3.69	V
					298.57	9.11	7.10	16.21	5	0	4957	-	0	11218	-	2.26	V
230	636	Piano 4	33-39	19	0.00	10.24	4.21	14.45	1	0	5047	-	-2	6726	-	1.33	V
					132.76	3.08	8.23	11.31	1	0	3476	-	1	12903	-	3.71	V
					309.77	10.24	4.21	14.45	8	0	4094	-	-2	6726	-	1.64	V
232	638	Piano 4	34-40	5	44.28	10.24	4.21	14.45	10	0	3752	-	-1	6862	-	1.83	V
					132.84	3.08	8.23	11.31	9	0	3381	-	-1	13124	-	3.88	V
					354.25	10.24	4.21	14.45	10	0	-7544	-	1	-16222	-	2.15	V
233	639	Piano 4	35-36	5	0.00	9.24	3.08	12.32	1	0	-3614	-	0	-14690	-	4.06	V
					117.91	3.08	6.16	9.24	8	0	1092	-	0	9900	-	9.07	V
					275.12	9.24	3.08	12.32	1	0	1379	-	-1	5082	-	3.68	V
234	640	Piano 4	35-37	5	0.00	10.24	4.21	14.45	14	0	5319	-	-1	6862	-	1.29	V
					83.09	3.08	8.23	11.31	14	0	2475	-	-1	13124	-	5.30	V
					221.56	10.24	4.21	14.45	11	0	4164	-	-1	6862	-	1.65	V
235	641	Piano 4	38-36	19	0.00	9.24	7.10	16.34	5	0	2809	-	-1	11226	-	4.00	V
					138.48	4.62	7.10	11.72	5	0	-1883	-	0	-7361	-	3.91	V
					166.17	4.62	7.10	11.72	5	0	-2979	-	0	-7361	-	2.47	V
236	642	Piano 4	37-38	5	78.61	9.24	3.08	12.32	5	0	1262	-	0	5082	-	4.03	V
					117.91	3.08	6.16	9.24	5	0	1355	-	0	9900	-	7.31	V
					235.82	9.24	3.08	12.32	4	0	1336	-	-1	5082	-	3.81	V
237	643	Piano 4	37-41	5	0.00	10.24	4.21	14.45	11	0	2975	-	-1	6862	-	2.31	V
					60.61	3.08	8.23	11.31	14	0	-3661	-	1	-5084	-	1.39	V
					72.74	10.24	4.21	14.45	11	0	2732	-	-1	6862	-	2.51	V
238	644	Piano 4	42-38	19	28.00	4.62	7.10	11.72	14	0	-1782	-	0	-7361	-	4.13	V
					41.99	4.62	7.10	11.72	14	0	-1355	-	0	-7361	-	5.43	V
					83.99	4.62	7.10	11.72	11	0	1524	-	-1	11220	-	7.36	V
241	647	Piano 4	41-42	19	0.00	9.24	3.08	12.32	11	0	3265	-	-2	4958	-	1.52	V
					112.06	3.08	6.16	9.24	14	0	-2012	-	1	-4958	-	2.46	V
					298.83	9.24	3.08	12.32	4	0	1261	-	-2	4958	-	3.93	V

### 3.1.2.2.1.2 Verifica a Flessione Composta Travi con Ringrossi in CA - PGA SLV = 0.4254 g.

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;

## Relazione di calcolo

**Cons** : nome consolidamento applicato alla sezione  
**X** : distanza dal nodo iniziale misurata lungo l'asse dell'asta  
**A<sub>sup</sub>** : valore dell'area di armatura presente all'estradosso della sezione esistente;  
**A<sub>inf</sub>** : valore dell'area di armatura presente all'intradosso della sezione esistente;  
**A<sub>fl</sub>** : valore dell'area di armatura totale presente nella sezione consolidata;  
**CC** : numero della combinazione di carico;

**Azioni Sollecitanti:**

**N<sub>Sd</sub>** : Sforzo Normale Sollecitante;  
**M<sub>SdXZ</sub>** : valore del Momento Flettente X-Z sollecitante di calcolo;  
**M<sub>SdXY</sub>** : valore del Momento Flettente X-Y sollecitante di calcolo;

**Azioni Resistenti:**

**N<sub>Rd</sub>** : Sforzo Normale Resistente;  
**M<sub>RdXZ</sub>** : valore del Momento Flettente X-Z resistente di calcolo;  
**M<sub>RdXY</sub>** : 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 92.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Cons.	X [cm]	A <sub>sup</sub> [cm²]	A <sub>inf</sub> [cm²]	A <sub>fl</sub> [cm²]	CC	Azioni Sollecitanti			Azioni Resistenti			S	Esito
											N <sub>Sd</sub> [daN]	M <sub>SdXZ</sub> [daNm]	M <sub>SdXY</sub> [daNm]	N <sub>Rd</sub> [daN]	M <sub>RdXZ</sub> [daNm]	M <sub>RdXY</sub> [daNm]		
<b>1</b>	114	Piano 1	1-2	16	AT 002 BIS	0.00	9.24	3.08	88.66	4	0	57818	-	-4	121708	-	2.11	V
					AT 002 BIS	215.60	3.08	6.16	85.58	1	0	19098	-	0	126519	-	6.62	V
					AT 002 BIS	574.93	9.24	3.08	88.66	1	0	-65658	-	4	-137026	-	2.09	V
<b>3</b>	116	Piano 1	2-3	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-9692	-	4	-137026	-	14.14	V
					AT 002 BIS	136.27	3.08	6.16	85.58	1	0	2153	-	0	126519	-	58.76	V
					AT 002 BIS	218.03	9.24	3.08	88.66	1	0	24409	-	-4	121708	-	4.99	V
<b>4</b>	119	Piano 1	2-5	16	AT 002 BIS	0.00	11.18	5.15	92.68	1	0	-35490	-	4	-142181	-	4.01	V
					AT 002 BIS	130.91	4.02	9.17	89.54	1	0	15449	-	3	131396	-	8.51	V
					AT 002 BIS	349.10	11.18	5.15	92.68	3	0	16679	-	1	125104	-	7.50	V
<b>18</b>	133	Piano 1	11-12	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-13940	-	4	-137026	-	9.83	V
					AT 002 BIS	155.02	3.08	6.16	85.58	1	0	5983	-	0	126519	-	21.15	V
					AT 002 BIS	248.03	9.24	3.08	88.66	2	0	16143	-	-4	121708	-	7.54	V
<b>24</b>	139	Piano 1	14-17	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	-16774	-	3	-139708	-	8.33	V
					AT 002 BIS	180.04	3.08	8.23	87.65	1	0	11943	-	-1	129863	-	10.87	V
					AT 002 BIS	288.06	10.24	4.21	90.79	1	0	-25335	-	3	-139708	-	5.51	V
<b>29</b>	144	Piano 1	17-20	16	AT 002 BIS	0.00	10.24	4.21	90.79	3	0	48157	-	-2	123601	-	2.57	V
					AT 002 BIS	136.53	3.08	8.23	87.65	1	0	-44802	-	-4	-127796	-	2.85	V
					AT 002 BIS	204.80	10.24	4.21	90.79	5	0	15292	-	-2	123601	-	8.08	V
<b>30</b>	151	Piano 1	18-21	37	INTERN A	0.00	10.24	4.21	57.71	1	0	-12878	-	2	-37831	-	2.94	V
					INTERN A	180.04	3.08	8.23	54.57	5	0	-8034	-	0	-25762	-	3.21	V
					INTERN A	288.06	10.24	4.21	57.71	1	0	-24501	-	2	-37831	-	1.54	V
<b>47</b>	174	Piano 1	28-27	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	42223	-	-4	121708	-	2.88	V
					AT 002 BIS	179.74	3.08	6.16	85.58	1	0	-10609	-	1	-126483	-	11.92	V
					AT 002 BIS	287.59	9.24	3.08	88.66	1	0	31915	-	-4	121708	-	3.81	V
<b>49</b>	179	Piano 1	32-28	38	INTERN A_001	0.00	13.38	3.08	59.72	5	0	-28398	-	1	-43534	-	1.53	V
					INTERN A_001	98.54	3.08	7.10	53.44	6	0	-7076	-	-1	-25025	-	3.54	V
					INTERN A_001	262.78	16.52	3.08	62.86	1	0	-26159	-	1	-49965	-	1.91	V
<b>50</b>	180	Piano 1	29-30	18	AT 002 QUINQ UES	0.00	9.24	3.08	88.66	2	0	27374	-	-4	121708	-	4.45	V
					AT 002 QUINQ UES	368.70	3.08	6.16	85.58	1	0	16847	-	0	126519	-	7.51	V
					AT 002 QUINQ UES	589.93	9.24	3.08	88.66	1	0	-43303	-	4	-137026	-	3.16	V
<b>52</b>	182	Piano 1	30-31	16	AT 002	0.00	9.24	3.08	88.66	2	0	49342	-	-4	121708	-	2.47	V

## Relazione di calcolo

					BIS													
					AT 002 BIS	87.39	3.08	6.16	85.58	1	0	-27492	-	1	-126483	-	4.60	V
					AT 002 BIS	233.03	9.24	3.08	88.66	1	0	13833	-	-4	121708	-	8.80	V
54	184	Piano 1	31-32	16	AT 002 BIS	75.63	9.24	3.08	88.66	1	0	6974	-	-4	121708	-	17.45	V
					AT 002 BIS	189.08	3.08	6.16	85.58	1	0	19821	-	0	126519	-	6.38	V
					AT 002 BIS	302.52	9.24	3.08	88.66	2	0	31360	-	-4	121708	-	3.88	V
56	186	Piano 1	36-32	38	INTERN A_001	59.64	3.08	7.10	53.44	5	0	-7927	-	-1	-25025	-	3.16	V
					INTERN A_001	89.47	3.08	7.10	53.44	5	0	-4855	-	-1	-25025	-	5.15	V
					INTERN A_001	178.93	9.11	7.10	59.47	5	0	-6817	-	1	-37423	-	5.49	V
60	194	Piano 1	34-40	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	17874	-	4	123576	-	6.91	V
					AT 002 BIS	208.90	3.08	8.23	87.65	1	0	15606	-	-1	129863	-	8.32	V
					AT 002 BIS	334.25	10.24	4.21	90.79	1	0	-38130	-	3	-139708	-	3.66	V
61	195	Piano 1	35-36	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	41491	-	-4	121708	-	2.93	V
					AT 002 BIS	113.45	3.08	6.16	85.58	1	0	11752	-	0	126519	-	10.77	V
					AT 002 BIS	302.52	9.24	3.08	88.66	2	0	40525	-	-4	121708	-	3.00	V
64	198	Piano 1	37-38	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	23283	-	-4	121708	-	5.23	V
					AT 002 BIS	113.52	3.08	6.16	85.58	1	0	11128	-	0	126519	-	11.37	V
					AT 002 BIS	302.71	9.24	3.08	88.66	1	0	14151	-	-4	121708	-	8.60	V
65	199	Piano 1	37-41	16	AT 002 BIS	21.81	6.22	8.23	90.79	1	0	-12431	-	3	-134079	-	10.79	V
					AT 002 BIS	54.52	3.08	8.23	87.65	1	0	-22882	-	-4	-127768	-	5.58	V
					AT 002 BIS	87.23	10.24	4.21	90.79	1	0	-34683	-	3	-139708	-	4.03	V
67	201	Piano 1	39-40	18	AT 002 QUINQ UES	0.00	9.24	3.08	88.66	2	0	69265	-	-4	121708	-	1.76	V
					AT 002 QUINQ UES	216.95	3.08	6.16	85.58	1	0	22305	-	0	126519	-	5.67	V
					AT 002 QUINQ UES	578.52	9.24	3.08	88.66	1	0	-76436	-	4	-137026	-	1.79	V
68	202	Piano 1	40-41	49	TRAVE 4	53.61	14.07	14.07	230.72	2	0	52165	-	-9	330078	-	6.33	V
					TRAVE 4	134.02	14.07	14.07	230.72	2	0	28895	-	-9	330078	-	11.42	V
					TRAVE 4	160.83	14.07	14.07	230.72	2	0	48514	-	-9	330078	-	6.80	V
70	207	Piano 1	41-42	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	76583	-	-4	121708	-	1.59	V
					AT 002 BIS	107.82	3.08	6.16	85.58	1	0	35006	-	0	126519	-	3.61	V
					AT 002 BIS	287.52	9.24	3.08	88.66	1	0	39969	-	-4	121708	-	3.05	V
73	291	Piano 2	1-2	16	AT 002 BIS	0.00	9.24	3.08	88.66	4	0	66256	-	-4	121708	-	1.84	V
					AT 002 BIS	359.33	3.08	6.16	85.58	1	0	23411	-	0	126519	-	5.40	V
					AT 002 BIS	574.93	9.24	3.08	88.66	1	0	-78158	-	4	-137026	-	1.75	V
76	296	Piano 2	2-5	16	AT 002 BIS	0.00	11.18	5.15	92.68	1	0	-38174	-	4	-142181	-	3.72	V
					AT 002 BIS	134.66	4.02	9.17	89.54	1	0	15935	-	3	131396	-	8.25	V
					AT 002 BIS	359.10	11.18	5.15	92.68	2	0	16425	-	1	125104	-	7.62	V
90	310	Piano 2	11-12	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	13908	-	-4	121708	-	8.75	V
					AT 002 BIS	155.02	3.08	6.16	85.58	1	0	6346	-	0	126519	-	19.94	V
					AT 002 BIS	248.03	9.24	3.08	88.66	2	0	16488	-	-4	121708	-	7.38	V
96	316	Piano 2	14-17	16	AT 002 BIS	0.00	10.24	4.21	90.79	2	0	14907	-	4	123576	-	8.29	V
					AT 002 BIS	186.29	3.08	8.23	87.65	1	0	11253	-	-1	129863	-	11.54	V
					AT 002 BIS	298.06	10.24	4.21	90.79	1	0	-29571	-	3	-139708	-	4.72	V
101	321	Piano 2	17-20	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	44674	-	4	123576	-	2.77	V
					AT 002 BIS	141.53	3.08	8.23	87.65	1	0	-41144	-	-4	-127768	-	3.11	V
					AT 002 BIS	212.30	10.24	4.21	90.79	5	0	17501	-	4	123576	-	7.06	V
102	327	Piano 2	18-21	37	INTERN A	0.00	10.24	4.21	57.71	3	0	-12330	-	2	-37831	-	3.07	V
					INTERN A	186.29	3.08	8.23	54.57	3	0	-9312	-	0	-25762	-	2.77	V
					INTERN A	298.06	10.24	4.21	57.71	1	0	-27068	-	2	-37831	-	1.40	V

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106	331	Piano 2	20-23	16	AT 002 BIS	0.00	10.24	4.21	90.79	5	0	8820	-	4	123576	-	14.01	V
					AT 002 BIS	136.44	3.08	8.23	87.65	1	0	-2143	-	-4	-127768	-	59.61	V
					AT 002 BIS	272.89	10.24	4.21	90.79	1	0	-2659	-	3	-139708	-	52.54	V
111	339	Piano 2	23-26	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	-45461	-	3	-139708	-	3.07	V
					AT 002 BIS	107.96	3.08	8.23	87.65	1	0	-17214	-	-4	-127768	-	7.42	V
					AT 002 BIS	287.89	10.24	4.21	90.79	1	0	18095	-	4	123576	-	6.83	V
118	346	Piano 2	28-27	16	AT 002 BIS	0.00	9.24	3.08	88.66	3	0	46845	-	-4	121708	-	2.60	V
					AT 002 BIS	189.12	3.08	6.16	85.58	1	0	14644	-	0	126519	-	8.64	V
					AT 002 BIS	302.59	9.24	3.08	88.66	1	0	51269	-	-4	121708	-	2.37	V
119	347	Piano 2	27-31	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	-32143	-	3	-139708	-	4.35	V
					AT 002 BIS	195.66	3.08	8.23	87.65	1	0	10360	-	-1	129863	-	12.54	V
					AT 002 BIS	313.06	10.24	4.21	90.79	1	0	29577	-	4	123576	-	4.18	V
120	348	Piano 2	32-28	38	INTERN A_001	0.00	13.38	3.08	59.72	3	0	-36951	-	1	-43534	-	1.18	V
					INTERN A_001	102.29	3.08	7.10	53.44	5	0	-9527	-	-1	-25025	-	2.63	V
					INTERN A_001	272.78	16.52	3.08	62.86	1	0	-33580	-	1	-49965	-	1.49	V
121	349	Piano 2	29-30	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	27482	-	-4	121708	-	4.43	V
					AT 002 BIS	368.70	3.08	6.16	85.58	1	0	12172	-	0	126519	-	10.39	V
					AT 002 BIS	589.93	9.24	3.08	88.66	1	0	-37434	-	4	-137026	-	3.66	V
123	351	Piano 2	30-31	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-49341	-	4	-137026	-	2.78	V
					AT 002 BIS	87.39	3.08	6.16	85.58	1	0	-13020	-	1	-126483	-	9.71	V
					AT 002 BIS	233.03	9.24	3.08	88.66	1	0	46326	-	-4	121708	-	2.63	V
125	353	Piano 2	31-32	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	38074	-	-4	121708	-	3.20	V
					AT 002 BIS	189.08	3.08	6.16	85.58	1	0	15633	-	0	126519	-	8.09	V
					AT 002 BIS	302.52	9.24	3.08	88.66	3	0	40240	-	-4	121708	-	3.02	V
127	355	Piano 2	36-32	38	INTERN A_001	62.14	3.08	7.10	53.44	1	0	-1412	-	-1	-25025	-	17.72	V
					INTERN A_001	124.29	3.08	7.10	53.44	1	0	-1353	-	-1	-25025	-	18.50	V
					INTERN A_001	248.57	9.11	7.10	59.47	4	0	-3667	-	1	-37423	-	10.20	V
131	362	Piano 2	34-40	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	18456	-	4	123576	-	6.70	V
					AT 002 BIS	215.15	3.08	8.23	87.65	1	0	15651	-	-1	129863	-	8.30	V
					AT 002 BIS	344.25	10.24	4.21	90.79	1	0	-42005	-	3	-139708	-	3.33	V
132	363	Piano 2	35-36	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	49765	-	-4	121708	-	2.45	V
					AT 002 BIS	113.45	3.08	6.16	85.58	1	0	16360	-	0	126519	-	7.73	V
					AT 002 BIS	302.52	9.24	3.08	88.66	2	0	44168	-	-4	121708	-	2.76	V
133	364	Piano 2	35-37	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	28334	-	4	123576	-	4.36	V
					AT 002 BIS	71.89	3.08	8.23	87.65	1	0	12048	-	-1	129863	-	10.78	V
					AT 002 BIS	191.70	10.24	4.21	90.79	1	0	25300	-	4	123576	-	4.88	V
134	365	Piano 2	38-36	38	INTERN A_001	0.00	9.24	7.10	59.60	7	0	-6212	-	1	-37698	-	6.07	V
					INTERN A_001	125.98	4.62	7.10	54.98	3	0	-15646	-	0	-28195	-	1.80	V
					INTERN A_001	201.56	9.24	7.10	59.60	1	0	-32416	-	1	-37698	-	1.16	V
135	366	Piano 2	37-38	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	54921	-	-4	121708	-	2.22	V
					AT 002 BIS	113.52	3.08	6.16	85.58	1	0	29134	-	0	126519	-	4.34	V
					AT 002 BIS	302.71	9.24	3.08	88.66	1	0	21655	-	-4	121708	-	5.62	V
136	367	Piano 2	37-41	16	AT 002 BIS	0.00	10.24	4.21	90.79	1	0	15115	-	4	123576	-	8.18	V
					AT 002 BIS	54.52	3.08	8.23	87.65	1	0	-23058	-	-4	-127768	-	5.54	V
					AT 002 BIS	87.23	10.24	4.21	90.79	1	0	-38135	-	3	-139708	-	3.66	V
138	369	Piano 2	39-40	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	79712	-	-4	121708	-	1.53	V
					AT 002 BIS	361.58	3.08	6.16	85.58	1	0	28438	-	0	126519	-	4.45	V
					AT 002 BIS	578.52	9.24	3.08	88.66	1	0	-95704	-	4	-137026	-	1.43	V
139	370	Piano 2	40-41	43	AT SOLO	53.61	8.04	8.04	100.15	1	0	-39943	-	-3	-52987	-	1.33	V



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					SOTTO													
					AT SOLO SOTTO	134.02	8.04	8.04	100.15	1	0	-23052	-	-3	-52987	-	2.30	V
					AT SOLO SOTTO	160.83	8.04	8.04	100.15	1	0	-36409	-	-3	-52987	-	1.46	V
141	375	Piano 2	41-42	16	AT 002 BIS	0.00	9.24	3.08	88.66	2	0	98622	-	-4	121708	-	1.23	V
					AT 002 BIS	107.82	3.08	6.16	85.58	1	0	46658	-	0	126519	-	2.71	V
					AT 002 BIS	287.52	9.24	3.08	88.66	1	0	46259	-	-4	121708	-	2.63	V
144	456	Piano 3	1-2	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	4	0	40830	-	0	65334	-	1.60	V
					AT DEFAULT T_001	359.33	3.08	6.16	53.47	1	0	16848	-	2	70081	-	4.16	V
					AT DEFAULT T_001	574.93	9.24	3.08	56.55	4	0	45063	-	0	65334	-	1.45	V
149	463	Piano 3	4-5	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-7413	-	0	-67618	-	9.12	V
					AT 002 TRIS	226.84	3.08	8.64	72.04	1	0	5473	-	-2	57108	-	10.43	V
					AT 002 TRIS	604.90	13.38	4.62	78.32	1	0	-7876	-	0	-67618	-	8.59	V
151	465	Piano 3	5-6	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-4427	-	0	-63913	-	14.44	V
					AT 002 TRIS	155.41	9.36	5.09	74.77	1	0	2674	-	-2	56197	-	21.02	V
					AT 002 TRIS	248.66	9.36	5.09	74.77	1	0	-6133	-	0	-63913	-	10.42	V
154	468	Piano 3	7-8	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-6793	-	0	-67618	-	9.95	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	5650	-	-2	57108	-	10.11	V
					AT 002 TRIS	604.93	13.38	4.62	78.32	1	0	-6644	-	0	-67618	-	10.18	V
156	470	Piano 3	8-9	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-5215	-	0	-63913	-	12.26	V
					AT 002 TRIS	155.02	9.36	5.09	74.77	1	0	2490	-	-2	56197	-	22.57	V
					AT 002 TRIS	248.03	9.36	5.09	74.77	1	0	-6372	-	0	-63913	-	10.03	V
164	478	Piano 3	13-14	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-6712	-	0	-67618	-	10.07	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	5175	-	-2	57108	-	11.04	V
					AT 002 TRIS	604.93	13.38	4.62	78.32	1	0	-7578	-	0	-67618	-	8.92	V
166	480	Piano 3	14-15	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-6272	-	0	-63913	-	10.19	V
					AT 002 TRIS	155.02	9.36	5.09	74.77	1	0	1968	-	-2	56197	-	28.55	V
					AT 002 TRIS	248.03	9.36	5.09	74.77	1	0	-6050	-	0	-63913	-	10.56	V
167	481	Piano 3	14-17	16	AT 002 BIS	0.00	12.25	3.08	91.67	1	0	9559	-	1	121815	-	12.74	V
					AT 002 BIS	186.29	3.08	9.11	88.53	1	0	8671	-	2	131275	-	15.14	V
					AT 002 BIS	298.06	12.25	3.08	91.67	1	0	-21749	-	2	-143068	-	6.58	V
169	483	Piano 3	16-17	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-6632	-	0	-67618	-	10.20	V
					AT 002 TRIS	368.70	3.08	8.64	72.04	1	0	5681	-	-2	57108	-	10.05	V
					AT 002 TRIS	589.93	13.38	4.62	78.32	1	0	-11689	-	0	-67618	-	5.78	V
171	485	Piano 3	17-18	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-18354	-	0	-63913	-	3.48	V
					AT 002 TRIS	87.39	9.36	5.09	74.77	3	0	5849	-	-2	56197	-	9.61	V
					AT 002 TRIS	233.03	9.36	5.09	74.77	1	0	10743	-	-2	56197	-	5.23	V
172	486	Piano 3	17-20	32	AT DEFAULT T_001	0.00	10.24	4.21	58.68	4	0	20030	-	-1	67044	-	3.35	V
					AT DEFAULT T_001	141.53	3.08	8.23	55.54	1	0	-24458	-	-1	-70621	-	2.89	V
					AT DEFAULT T_001	212.30	10.24	4.21	58.68	5	0	12246	-	-1	67044	-	5.47	V
173	492	Piano 3	18-21	37	INTERN A	0.00	10.24	4.21	57.71	3	0	-7263	-	2	-37831	-	5.21	V
					INTERN A	186.29	3.08	8.23	54.57	1	0	-8790	-	0	-25762	-	2.93	V
					INTERN A	298.06	10.24	4.21	57.71	1	0	-22287	-	2	-37831	-	1.70	V
174	493	Piano 3	19-20	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-6030	-	0	-67618	-	11.21	V
					AT 002 TRIS	368.70	3.08	8.64	72.04	1	0	4503	-	-2	57108	-	12.68	V
					AT 002 TRIS	589.93	13.38	4.62	78.32	1	0	-9760	-	0	-67618	-	6.93	V
176	495	Piano 3	20-21	20	AT 002 TRIS	0.00	9.36	5.09	74.77	3	0	30728	-	-2	56197	-	1.83	V

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					AT 002 TRIS	136.27	9.36	5.09	74.77	1	0	11235	-	-2	56197	-	5.00	V
					AT 002 TRIS	218.03	9.36	5.09	74.77	1	0	37114	-	-2	56197	-	1.51	V
177	496	Piano 3	20-23	18	AT 002 QUINQ UES	0.00	12.25	3.08	91.67	1	0	4120	-	1	121815	-	29.57	V
					AT 002 QUINQ UES	170.56	3.08	9.11	88.53	1	0	-2226	-	-1	-128315	-	57.64	V
					AT 002 QUINQ UES	272.89	12.25	3.08	91.67	1	0	-12229	-	2	-143068	-	11.70	V
178	500	Piano 3	21-24	37	INTERN A	0.00	10.24	4.21	57.71	1	0	-25695	-	2	-37831	-	1.47	V
					INTERN A	104.36	3.08	8.23	54.57	1	0	-9788	-	0	-25762	-	2.63	V
					INTERN A	278.30	10.24	4.21	57.71	2	0	-9510	-	2	-37831	-	3.98	V
179	501	Piano 3	22-23	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-7167	-	0	-67618	-	9.43	V
					AT 002 TRIS	370.20	3.08	8.64	72.04	1	0	5509	-	-2	57108	-	10.37	V
					AT 002 TRIS	592.32	13.38	4.62	78.32	1	0	-12574	-	0	-67618	-	5.38	V
181	503	Piano 3	23-24	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	-20558	-	0	-63913	-	3.11	V
					AT 002 TRIS	86.49	9.36	5.09	74.77	1	0	-6833	-	0	-63913	-	9.35	V
					AT 002 TRIS	230.64	9.36	5.09	74.77	1	0	13862	-	-2	56197	-	4.05	V
182	504	Piano 3	23-26	18	AT 002 QUINQ UES	0.00	12.25	3.08	91.67	1	0	-45995	-	2	-143068	-	3.11	V
					AT 002 QUINQ UES	107.96	3.08	9.11	88.53	2	0	-11783	-	-1	-128315	-	10.89	V
					AT 002 QUINQ UES	287.89	12.25	3.08	91.67	1	0	36305	-	1	121815	-	3.36	V
185	507	Piano 3	25-26	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-20149	-	0	-67618	-	3.36	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	10702	-	-2	57108	-	5.34	V
					AT 002 TRIS	604.93	13.38	4.62	78.32	1	0	-14344	-	0	-67618	-	4.71	V
187	509	Piano 3	26-27	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	14617	-	-2	56197	-	3.84	V
					AT 002 TRIS	145.64	9.36	5.09	74.77	1	0	6497	-	-2	56197	-	8.65	V
					AT 002 TRIS	233.03	9.36	5.09	74.77	1	0	-19079	-	0	-63913	-	3.35	V
189	511	Piano 3	28-27	16	AT 002 BIS	0.00	9.24	3.08	88.66	1	0	-23646	-	4	-137026	-	5.79	V
					AT 002 BIS	179.74	3.08	6.16	85.58	1	0	11223	-	0	126519	-	11.27	V
					AT 002 BIS	287.59	9.24	3.08	88.66	1	0	29020	-	-4	121708	-	4.19	V
190	512	Piano 3	27-31	32	AT DEFAUL T_001	0.00	10.24	4.21	58.68	1	0	-23934	-	-1	-82142	-	3.43	V
					AT DEFAUL T_001	176.91	3.08	8.23	55.54	1	0	7132	-	-1	73216	-	10.27	V
					AT DEFAUL T_001	283.06	10.24	4.21	58.68	1	0	22075	-	-1	67044	-	3.04	V
191	513	Piano 3	32-28	38	INTERN A_001	0.00	13.38	3.08	59.72	4	0	-31383	-	1	-43534	-	1.39	V
					INTERN A_001	102.29	3.08	7.10	53.44	6	0	-7622	-	-1	-25025	-	3.28	V
					INTERN A_001	272.78	16.52	3.08	62.86	1	0	-29771	-	1	-49965	-	1.68	V
192	514	Piano 3	29-30	32	AT DEFAUL T_001	0.00	9.24	3.08	56.55	1	0	26463	-	0	65334	-	2.47	V
					AT DEFAUL T_001	226.85	3.08	6.16	53.47	1	0	16623	-	2	70081	-	4.22	V
					AT DEFAUL T_001	604.93	9.24	3.08	56.55	1	0	-16010	-	0	-79747	-	4.98	V
194	516	Piano 3	30-31	16	AT 002 BIS	58.26	9.24	3.08	88.66	1	0	-7644	-	4	-137026	-	17.93	V
					AT 002 BIS	145.64	3.08	6.16	85.58	1	0	18904	-	0	126519	-	6.69	V
					AT 002 BIS	233.03	9.24	3.08	88.66	1	0	31408	-	-4	121708	-	3.88	V
196	518	Piano 3	31-32	32	AT DEFAUL T_001	0.00	9.24	3.08	56.55	1	0	25924	-	0	65334	-	2.52	V
					AT DEFAUL T_001	107.82	3.08	6.16	53.47	1	0	9439	-	2	70081	-	7.42	V
					AT DEFAUL T_001	287.52	9.24	3.08	56.55	3	0	18457	-	0	65334	-	3.54	V
198	520	Piano 3	36-32	38	INTERN A_001	0.00	9.11	7.10	59.47	1	0	-7355	-	1	-37423	-	5.09	V

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					INTERN A_001	161.61	3.08	7.10	53.44	1	0	-2524	-	-1	-25025	-	9.92	V
					INTERN A_001	258.57	9.11	7.10	59.47	4	0	-8201	-	1	-37423	-	4.56	V
199	524	Piano 3	33-34	20	AT 002 TRIS	0.00	13.38	4.62	78.32	1	0	-15715	-	0	-67618	-	4.30	V
					AT 002 TRIS	226.85	3.08	8.64	72.04	1	0	9428	-	-2	57108	-	6.06	V
					AT 002 TRIS	604.94	13.38	4.62	78.32	1	0	-10529	-	0	-67618	-	6.42	V
201	526	Piano 3	34-35	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	4659	-	-2	56197	-	12.06	V
					AT 002 TRIS	155.02	9.36	5.09	74.77	1	0	-4282	-	0	-63913	-	14.93	V
					AT 002 TRIS	248.03	9.36	5.09	74.77	1	0	-11046	-	0	-63913	-	5.79	V
203	528	Piano 3	35-36	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	1	0	-15055	-	0	-79747	-	5.30	V
					AT DEFAULT T_001	189.08	3.08	6.16	53.47	1	0	5890	-	2	70081	-	11.90	V
					AT DEFAULT T_001	302.52	9.24	3.08	56.55	2	0	15297	-	0	65334	-	4.27	V
205	530	Piano 3	38-36	38	INTERN A_001	0.00	9.24	7.10	59.60	8	0	-4542	-	1	-37698	-	8.30	V
					INTERN A_001	125.98	4.62	7.10	54.98	3	0	-12637	-	0	-28195	-	2.23	V
					INTERN A_001	201.56	9.24	7.10	59.60	1	0	-27033	-	1	-37698	-	1.39	V
206	531	Piano 3	37-38	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	2	0	36337	-	0	65334	-	1.80	V
					AT DEFAULT T_001	107.89	3.08	6.16	53.47	1	0	20026	-	2	70081	-	3.50	V
					AT DEFAULT T_001	287.70	9.24	3.08	56.55	1	0	12959	-	0	65334	-	5.04	V
207	532	Piano 3	37-41	32	AT DEFAULT T_001	0.00	10.24	4.21	58.68	1	0	9533	-	-1	67044	-	7.03	V
					AT DEFAULT T_001	45.12	3.08	8.23	55.54	1	0	-9438	-	-1	-70621	-	7.48	V
					AT DEFAULT T_001	72.19	10.24	4.21	58.68	1	0	-20896	-	-1	-82142	-	3.93	V
209	534	Piano 3	39-40	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	2	0	56268	-	0	65334	-	1.16	V
					AT DEFAULT T_001	216.95	3.08	6.16	53.47	1	0	20051	-	2	70081	-	3.50	V
					AT DEFAULT T_001	578.52	9.24	3.08	56.55	3	0	46069	-	0	65334	-	1.42	V
210	535	Piano 3	40-41	43	AT SOLO SOTTO	0.00	9.24	3.08	88.34	1	0	-12446	-	-1	-41471	-	3.33	V
					AT SOLO SOTTO	134.02	3.08	6.16	85.26	1	0	-6043	-	5	-30846	-	5.10	V
					AT SOLO SOTTO	214.44	9.24	3.08	88.34	1	0	-12853	-	-1	-41471	-	3.23	V
212	540	Piano 3	41-42	32	AT DEFAULT T_001	0.00	9.24	3.08	56.55	2	0	45305	-	0	65334	-	1.44	V
					AT DEFAULT T_001	107.82	3.08	6.16	53.47	1	0	22276	-	2	70081	-	3.15	V
					AT DEFAULT T_001	287.52	9.24	3.08	56.55	1	0	22104	-	0	65334	-	2.96	V
215	621	Piano 4	25-26	20	AT 002 TRIS	0.00	13.38	4.62	78.32	3	0	17224	-	-3	56562	-	3.28	V
					AT 002 TRIS	229.96	3.08	8.64	72.04	1	0	11099	-	-2	57108	-	5.15	V
					AT 002 TRIS	613.22	13.38	4.62	78.32	1	0	-13265	-	0	-67618	-	5.10	V
217	623	Piano 4	26-27	20	AT 002 TRIS	0.00	9.36	5.09	74.77	1	0	7748	-	-2	56197	-	7.25	V
					AT 002 TRIS	90.69	9.36	5.09	74.77	1	0	3134	-	-2	56197	-	17.93	V
					AT 002 TRIS	241.85	9.36	5.09	74.77	1	0	-6823	-	0	-63913	-	9.37	V
219	625	Piano 4	28-27	18	AT 002 QUINQ UES	0.00	10.37	4.21	90.92	1	0	-4559	-	-1	-140001	-	30.71	V
					AT 002 QUINQ UES	197.45	4.21	7.29	87.84	1	0	4033	-	-2	128371	-	31.83	V
					AT 002 QUINQ UES	315.92	10.37	4.21	90.92	3	0	5684	-	-1	123549	-	21.74	V
221	627	Piano 4	32-28	38	INTERN A_001	0.00	13.38	3.08	59.72	1	0	-9922	-	1	-43534	-	4.39	V

Camp	Asta	Imp.	Fili	Tipo	Num	Num	Nsd [daN]	Msd	Domanda	$\theta_u$ [rad]	S	Esito
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## Relazione di calcolo

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 94.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro		cot $\theta_{XY}$ [°]	cot $\theta_{XZ}$ [°]	Tagli Sollecitanti		Tagli Resistenti							Esito
						$A_{Staffe}$ [cm <sup>2</sup> ]	$A_{Sag}$ [cm <sup>2</sup> ]			$V_{sdy}$ [daN]	$V_{sdz}$ [daN]	$V_{rxy}$ [daN]	$V_{rdz}$ [daN]	$N_{br}$	$D_{Staffe}$ [cm]	$L_{Tr}$ [cm]	$S_{XY}$	$S_{XZ}$	
2	115	Piano 1	1-4	5	Ini	1.01	0.00	2.50	2.50	11	10527	24142	37517	2	10.0	349	2148.95	3.56	V
5	120	Piano 1	3-6	5	Ini	1.01	0.00	2.50	2.50	7	6730	9657	15007	2	25.0	349	1366.41	2.23	V
6	121	Piano 1	4-5	6	Ini	1.01	0.00	2.50	2.50	10	1797	14980	4547	2	25.0	605	1475.60	2.53	V
7	122	Piano 1	4-7	5	Ini	1.01	0.00	2.50	2.50	7	9294	24142	37517	2	10.0	293	3360.15	4.04	V
8	123	Piano 1	5-6	6	Ini	1.01	0.00	2.50	2.50	38	1820	14980	4547	2	25.0	249	392.08	2.50	V
9	124	Piano 1	5-8	5	Ini	1.01	0.00	2.50	2.50	15	8521	9657	15007	2	25.0	293	628.84	1.76	V
10	125	Piano 1	6-9	5	Ini	1.01	0.00	2.50	2.50	14	6514	9657	15007	2	25.0	293	673.18	2.30	V
11	126	Piano 1	7-8	6	Ini	1.01	0.00	2.50	2.50	10	1799	14980	4547	2	25.0	605	1504.81	2.53	V
12	127	Piano 1	7-10	5	Ini	1.01	0.00	2.50	2.50	8	9356	24142	37517	2	10.0	293	2854.80	4.01	V
13	128	Piano 1	8-9	6	Ini	1.01	0.00	2.50	2.50	28	1843	14980	4547	2	25.0	248	537.41	2.47	V
14	129	Piano 1	8-11	5	Ini	1.01	0.00	2.50	2.50	20	9259	24142	37517	2	10.0	293	1195.55	4.05	V
15	130	Piano 1	9-12	5	Ini	1.01	0.00	2.50	2.50	14	6601	9657	15007	2	25.0	293	685.71	2.27	V
16	131	Piano 1	10-11	13	Ini	2.26	0.00	1.00	1.00	9	3442	21427	30770	2	10.0	605	2402.85	8.94	V
17	132	Piano 1	10-13	12	Ini	1.01	0.00	2.50	2.50	5	9421	24142	37517	2	10.0	293	4552.23	3.98	V
19	134	Piano 1	11-14	5	Ini	1.01	0.00	2.50	2.50	5	8901	9657	15007	2	25.0	293	1881.06	1.69	V
20	135	Piano 1	12-15	5	Ini	1.01	0.00	2.50	2.50	1	6745	9657	15007	2	25.0	293	8121.14	2.22	V
21	136	Piano 1	13-14	6	Ini	1.01	0.00	2.50	2.50	12	1797	14980	4547	2	25.0	605	1292.88	2.53	V
22	137	Piano 1	13-16	12	Ini	1.01	0.00	2.50	2.50	5	9317	24142	37517	2	10.0	303	4562.36	4.03	V
23	138	Piano 1	14-15	6	Ini	1.01	0.00	2.50	2.50	20	1796	14980	4547	2	25.0	248	760.32	2.53	V
25	140	Piano 1	15-18	5	Ini	1.01	0.00	2.50	2.50	8	6213	9657	15007	2	25.0	303	1191.53	2.42	V
26	141	Piano 1	16-17	6	Ini	1.01	0.00	2.50	2.50	13	1801	14980	4547	2	25.0	590	1195.84	2.52	V
27	142	Piano 1	16-19	13	Ini	1.01	0.00	1.80	1.80	5	9073	17382	26374	2	10.0	303	3772.11	2.91	V
28	143	Piano 1	17-18	6	Ini	1.01	0.00	2.50	2.50	31	1986	14980	4547	2	25.0	233	490.12	2.29	V
31	152	Piano 1	19-20	6	Ini	1.01	0.00	2.50	2.50	18	1795	14980	4547	2	25.0	590	853.48	2.53	V
32	153	Piano 1	19-22	5	Ini	1.01	0.00	2.50	2.50	22	9576	24142	37517	2	10.0	293	1107.31	3.92	V
33	154	Piano 1	20-21	6	Ini	1.01	0.00	2.50	2.50	28	2258	14980	4547	2	25.0	218	537.43	2.01	V
34	155	Piano 1	20-23	5	Ini	1.01	0.00	2.50	2.50	12	10922	24142	37517	2	10.0	263	1940.46	3.43	V
35	159	Piano 1	21-24	5	Ini	1.01	0.00	2.50	2.50	20	8290	9657	15007	2	25.0	268	492.81	1.81	V
36	160	Piano 1	21-43	26	Ini	1.57	0.00	1.00	1.00	22	10180	10700	19042	2	10.0	288	492.63	1.87	V
37	164	Piano 1	22-23	6	Ini	1.01	0.00	2.50	2.50	23	1802	14980	4547	2	25.0	592	662.72	2.52	V
38	165	Piano 1	22-25	13	Ini	1.01	0.00	1.80	1.80	9	9540	17382	26443	2	10.0	293	1994.39	2.77	V
39	166	Piano 1	23-2	6	Ini	1.01	0.00	2.50	2.50	27	1762	14980	4547	2	25.0	231	545.05	2.58	V

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40	167	Piano 1	4 23-2 6	5	Ini	1.01	0.00	2.50	2.50	4	10773	24142	37517	2	10.0	278	6596.6 0	3.48	V
41	168	Piano 1	24-2 7	13	Ini	1.01	0.00	1.80	1.80	2	8404	17382	26451	2	10.0	287	7351.7 9	3.15	V
42	169	Piano 1	44-2 4	19	Ini	1.01	0.00	2.30	2.30	40	6961	14725	22594	2	15.0	303	372.07	3.25	V
43	170	Piano 1	25-2 6	6	Ini	1.01	0.00	2.50	2.50	19	1794	14980	4547	2	25.0	605	804.79	2.54	V
44	171	Piano 1	25-2 9	5	Ini	1.01	0.00	2.50	2.50	21	10838	24142	37517	2	10.0	303	1156.6 6	3.46	V
45	172	Piano 1	26-2 7	6	Ini	1.01	0.00	2.50	2.50	39	1784	14980	4547	2	25.0	233	385.17	2.55	V
46	173	Piano 1	26-3 0	5	Ini	1.01	0.00	2.50	2.50	5	10599	24142	37517	2	10.0	288	4583.5 0	3.54	V
48	178	Piano 1	27-3 1	5	Ini	1.01	0.00	2.50	2.50	9	8753	9657	15007	2	25.0	288	1128.0 2	1.71	V
51	181	Piano 1	29-3 3	5	Ini	1.01	0.00	2.50	2.50	32	9905	24142	37517	2	10.0	288	762.37	3.79	V
53	183	Piano 1	30-3 4	5	Ini	1.01	0.00	2.50	2.50	19	9228	9657	15007	2	25.0	278	517.03	1.63	V
55	185	Piano 1	31-3 5	5	Ini	1.01	0.00	2.50	2.50	4	9025	9657	15007	2	25.0	204	2159.3 9	1.66	V
57	191	Piano 1	33-3 4	6	Ini	1.01	0.00	2.50	2.50	21	1829	14980	4547	2	25.0	605	726.04	2.49	V
58	192	Piano 1	33-3 9	5	Ini	1.01	0.00	2.50	2.50	8	10253	24142	37517	2	10.0	339	3074.1 3	3.66	V
59	193	Piano 1	34-3 5	6	Ini	1.01	0.00	2.50	2.50	23	1605	14980	4547	2	25.0	248	642.49	2.83	V
62	196	Piano 1	35-3 7	5	Ini	1.01	0.00	2.50	2.50	149	7028	9657	15007	2	25.0	222	64.68	2.14	V
63	197	Piano 1	38-3 6	5	Ini	1.01	0.00	2.50	2.50	36	7037	9630	14980	2	25.0	202	267.64	2.13	V
66	200	Piano 1	42-3 8	5	Ini	1.01	0.00	2.50	2.50	26	10554	9630	14980	2	25.0	82	369.83	1.42	V
69	205	Piano 1	40-4 8	26	Ini	1.01	0.00	1.60	1.60	9	2311	9781	17308	2	15.0	125	1114.1 5	7.49	V
71	208	Piano 1	41-4 7	26	Ini	1.01	0.00	1.60	1.60	14	1862	9781	17245	2	15.0	125	722.34	9.26	V
74	292	Piano 2	1-4	5	Ini	1.01	0.00	2.50	2.50	21	10401	24142	37517	2	10.0	359	1155.8 6	3.61	V
75	293	Piano 2	2-3	13	Ini	1.01	0.00	2.50	2.50	1	6986	9630	14980	2	25.0	218	7567.7 8	2.14	V
77	297	Piano 2	3-6	5	Ini	1.01	0.00	2.50	2.50	1	7236	9657	15007	2	25.0	359	-	2.07	V
78	298	Piano 2	4-5	23	Ini	1.01	0.00	2.50	2.50	19	1882	14980	4547	2	25.0	605	768.28	2.42	V
79	299	Piano 2	4-7	5	Ini	1.01	0.00	2.50	2.50	15	9284	24142	37517	2	10.0	303	1644.6 0	4.04	V
80	300	Piano 2	5-6	23	Ini	1.01	0.00	2.50	2.50	9	2124	14980	4547	2	25.0	249	1718.8 1	2.14	V
81	301	Piano 2	5-8	5	Ini	1.01	0.00	2.50	2.50	9	9097	24142	37517	2	10.0	303	2543.2 5	4.12	V
82	302	Piano 2	6-9	5	Ini	1.01	0.00	2.50	2.50	3	6656	9657	15007	2	25.0	303	3346.7 0	2.25	V
83	303	Piano 2	7-8	23	Ini	1.01	0.00	2.50	2.50	17	1878	14980	4547	2	25.0	605	881.56	2.42	V
84	304	Piano 2	7-10	5	Ini	1.01	0.00	2.50	2.50	24	9276	24142	37517	2	10.0	303	996.85	4.04	V
85	305	Piano 2	8-9	23	Ini	1.01	0.00	2.50	2.50	2	2203	14980	4547	2	25.0	248	7792.0 1	2.06	V
86	306	Piano 2	8-11	5	Ini	1.01	0.00	2.50	2.50	14	9169	24142	37517	2	10.0	303	1781.4 6	4.09	V
87	307	Piano 2	9-12	5	Ini	1.01	0.00	2.50	2.50	1	6404	9657	15007	2	25.0	303	8518.0 9	2.34	V
88	308	Piano 2	10-1 1	12	Ini	1.01	0.00	2.50	2.50	12	4837	9603	14953	2	25.0	605	796.61	3.09	V
89	309	Piano 2	10-1 3	5	Ini	1.01	0.00	2.50	2.50	4	9278	24142	37517	2	10.0	303	5700.8 6	4.04	V
91	311	Piano 2	11-1 4	5	Ini	1.01	0.00	2.50	2.50	2	9414	24142	37517	2	10.0	303	-	3.99	V
92	312	Piano 2	12-1 5	5	Ini	1.01	0.00	2.50	2.50	1	6509	9657	15007	2	25.0	303	7160.6 3	2.31	V
93	313	Piano 2	13-1 4	23	Ini	1.01	0.00	2.50	2.50	11	1880	14980	4547	2	25.0	605	1425.2 6	2.42	V
94	314	Piano 2	13-1 6	5	Ini	1.01	0.00	2.50	2.50	16	9034	24142	37517	2	10.0	313	1505.6 9	4.15	V
95	315	Piano 2	14-1 5	23	Ini	1.01	0.00	2.50	2.50	9	2154	14980	4547	2	25.0	248	1618.7 3	2.11	V
97	317	Piano 2	15-1 8	5	Ini	1.01	0.00	2.50	2.50	3	6372	9657	15007	2	25.0	313	3439.5 6	2.35	V
98	318	Piano 2	16-1 7	23	Ini	1.01	0.00	2.50	2.50	8	1887	14980	4547	2	25.0	590	1846.2 7	2.41	V
99	319	Piano 2	16-1 9	12	Ini	1.01	0.00	2.50	2.50	2	9130	24142	37517	2	10.0	313	-	4.11	V
100	320	Piano 2	17-1 8	23	Ini	1.01	0.00	2.50	2.50	35	2341	14980	4547	2	25.0	233	422.47	1.94	V
103	328	Piano 2	19-2 0	23	Ini	1.01	0.00	2.50	2.50	9	1885	14980	4547	2	25.0	590	1657.3 2	2.41	V
104	329	Piano 2	19-2 2	5	Ini	1.01	0.00	2.50	2.50	14	9130	24142	37517	2	10.0	303	1733.4 1	4.11	V
105	330	Piano 2	20-2 1	23	Ini	1.01	0.00	2.50	2.50	24	2797	14980	4547	2	25.0	218	621.18	1.63	V
107	335	Piano 2	21-2 4	5	Ini	1.01	0.00	2.50	2.50	25	9794	24142	37517	2	10.0	278	957.89	3.83	V
108	336	Piano 2	22-2 3	23	Ini	1.01	0.00	2.50	2.50	21	1893	14980	4547	2	25.0	592	720.37	2.40	V
109	337	Piano 2	22-2 5	5	Ini	1.01	0.00	2.50	2.50	40	9574	24142	37517	2	10.0	303	605.79	3.92	V
110	338	Piano 2	23-2 4	23	Ini	1.01	0.00	2.50	2.50	34	2152	14980	4547	2	25.0	231	444.18	2.11	V
112	340	Piano 2	24-2	5	Ini	1.01	0.00	2.50	2.50	72	8091	9657	15007	2	25.0	312	133.34	1.85	V

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113	341	Piano 2	24-4 4	19	Ini	1.01	0.00	2.30	2.30	69	7728	14725	22618	2	15.0	303	213.00	2.93	V
114	342	Piano 2	25-2 6	23	Ini	1.01	0.00	2.50	2.50	23	1872	14980	4547	2	25.0	605	640.76	2.43	V
115	343	Piano 2	25-2 9	5	Ini	1.01	0.00	2.50	2.50	13	10086	24142	37517	2	10.0	293	1878.3 6	3.72	V
116	344	Piano 2	26-2 7	23	Ini	1.01	0.00	2.50	2.50	18	2021	14980	4547	2	25.0	248	816.53	2.25	V
117	345	Piano 2	26-3 0	5	Ini	1.01	0.00	2.50	2.50	23	8792	9657	15007	2	25.0	298	418.47	1.71	V
122	350	Piano 2	29-3 3	5	Ini	1.01	0.00	2.50	2.50	22	9337	24142	37517	2	10.0	278	1104.2 4	4.02	V
124	352	Piano 2	30-3 4	5	Ini	1.01	0.00	2.50	2.50	33	9886	24142	37517	2	10.0	278	732.98	3.79	V
126	354	Piano 2	31-3 5	5	Ini	1.01	0.00	2.50	2.50	77	8302	9657	15007	2	25.0	184	124.86	1.81	V
128	359	Piano 2	33-3 4	23	Ini	1.01	0.00	2.50	2.50	19	1899	14980	4547	2	25.0	605	778.63	2.40	V
129	360	Piano 2	33-3 9	5	Ini	1.01	0.00	2.50	2.50	25	10687	24142	37517	2	10.0	359	973.70	3.51	V
130	361	Piano 2	34-3 5	23	Ini	1.01	0.00	2.50	2.50	43	1967	14980	4547	2	25.0	248	345.84	2.31	V
137	368	Piano 2	42-3 8	5	Ini	1.01	0.00	2.50	2.50	172	10607	12037	18725	2	20.0	92	69.95	1.77	V
140	373	Piano 2	40-4 8	26	Ini	1.01	0.00	1.60	1.60	10	3552	9781	17201	2	15.0	125	1026.0 8	4.84	V
142	376	Piano 2	41-4 7	26	Ini	1.01	0.00	1.60	1.60	14	1887	9781	17181	2	15.0	125	689.69	9.10	V
145	457	Piano 3	1-4	19	Ini	1.01	0.00	2.50	2.50	54	7094	9657	15007	2	25.0	359	178.10	2.12	V
146	458	Piano 3	2-3	19	Ini	1.01	0.00	1.80	1.80	94	12186	17382	26537	2	10.0	218	185.04	2.18	V
147	461	Piano 3	2-5	19	Ini	1.01	0.00	1.80	1.80	28	8462	17382	26934	2	10.0	359	629.91	3.18	V
148	462	Piano 3	3-6	19	Ini	1.01	0.00	2.50	2.50	2	5483	9657	15007	2	25.0	359	4481.7 7	2.74	V
150	464	Piano 3	4-7	19	Ini	1.01	0.00	2.50	2.50	49	5585	9657	15007	2	25.0	303	198.65	2.69	V
152	466	Piano 3	5-8	19	Ini	1.01	0.00	2.50	2.50	19	6959	9657	15007	2	25.0	303	503.66	2.16	V
153	467	Piano 3	6-9	19	Ini	1.01	0.00	2.50	2.50	7	4152	9657	15007	2	25.0	303	1471.7 1	3.61	V
155	469	Piano 3	7-10	19	Ini	1.01	0.00	2.50	2.50	23	5699	9657	15007	2	25.0	303	414.49	2.63	V
157	471	Piano 3	8-11	5	Ini	1.01	0.00	2.50	2.50	10	6241	9657	15007	2	25.0	303	940.96	2.40	V
158	472	Piano 3	9-12	19	Ini	1.01	0.00	2.50	2.50	3	3859	9657	15007	2	25.0	303	3615.0 5	3.89	V
159	473	Piano 3	10-1 1	19	Ini	1.01	0.00	2.50	2.50	6	3757	9630	14980	2	25.0	605	1605.5 0	3.99	V
160	474	Piano 3	10-1 3	19	Ini	1.01	0.00	2.50	2.50	8	5532	9657	15007	2	25.0	303	1215.1 8	2.71	V
161	475	Piano 3	11-1 2	19	Ini	1.01	0.00	2.50	2.50	22	4734	9657	15007	2	25.0	248	435.28	3.17	V
162	476	Piano 3	11-1 4	19	Ini	1.01	0.00	2.50	2.50	21	6937	9657	15007	2	25.0	303	470.75	2.16	V
163	477	Piano 3	12-1 5	19	Ini	1.01	0.00	2.50	2.50	24	3775	9657	15007	2	25.0	303	408.75	3.98	V
165	479	Piano 3	13-1 6	19	Ini	1.01	0.00	2.50	2.50	41	5352	9657	15007	2	25.0	313	235.25	2.80	V
168	482	Piano 3	15-1 8	19	Ini	1.01	0.00	2.50	2.50	8	4281	9657	15007	2	25.0	313	1200.7 3	3.51	V
170	484	Piano 3	16-1 9	19	Ini	1.01	0.00	2.50	2.50	11	5746	9657	15007	2	25.0	313	869.73	2.61	V
175	494	Piano 3	19-2 2	19	Ini	1.01	0.00	2.50	2.50	39	5471	9657	15007	2	25.0	303	248.55	2.74	V
180	502	Piano 3	22-2 5	19	Ini	1.01	0.00	2.50	2.50	6	7321	9657	15007	2	25.0	303	1636.5 1	2.05	V
183	505	Piano 3	24-2 7	19	Ini	1.01	0.00	2.50	2.50	30	5906	9657	15007	2	25.0	297	317.42	2.54	V
184	506	Piano 3	44-2 4	19	Ini	1.01	0.00	2.30	2.30	48	2678	14725	22642	2	15.0	303	304.61	8.45	V
186	508	Piano 3	25-2 9	19	Ini	1.01	0.00	2.50	2.50	76	7326	9657	15007	2	25.0	313	126.88	2.05	V
188	510	Piano 3	26-3 0	5	Ini	1.01	0.00	2.50	2.50	70	7220	9657	15007	2	25.0	313	137.74	2.08	V
193	515	Piano 3	29-3 3	19	Ini	1.01	0.00	2.50	2.50	73	7525	9657	15007	2	25.0	298	132.23	1.99	V
195	517	Piano 3	30-3 4	19	Ini	1.01	0.00	2.50	2.50	152	7575	9657	15007	2	25.0	293	63.72	1.98	V
197	519	Piano 3	31-3 5	19	Ini	1.01	0.00	2.50	2.50	247	6539	9657	15007	2	25.0	199	39.15	2.29	V
200	525	Piano 3	33-3 9	19	Ini	1.01	0.00	1.80	1.80	71	7777	17382	26392	2	10.0	359	245.23	3.39	V
202	527	Piano 3	34-4 0	19	Ini	1.01	0.00	1.80	1.80	64	8274	17382	26575	2	10.0	344	272.43	3.21	V
204	529	Piano 3	35-3 7	19	Ini	1.01	0.00	2.50	2.50	379	6673	9657	15007	2	25.0	207	25.49	2.25	V
208	533	Piano 3	42-3 8	19	Ini	1.01	0.00	2.50	2.50	79	9951	9630	14980	2	25.0	92	121.39	1.51	V
211	538	Piano 3	40-4 8	26	Ini	1.01	0.00	1.60	1.60	14	10187	9781	17334	2	15.0	125	691.19	1.70	V
213	541	Piano 3	41-4 7	26	Ini	1.01	0.00	1.60	1.60	3	5535	9781	17246	2	15.0	115	2873.5 9	3.12	V
216	622	Piano 4	25-2 9	19	Ini	1.01	0.00	2.50	2.50	33	7578	9657	15007	2	25.0	293	290.05	1.98	V
218	624	Piano 4	26-3 0	5	Ini	1.01	0.00	2.50	2.50	12	7785	9657	15007	2	25.0	298	773.74	1.93	V
220	626	Piano 4	27-3 1	5	Ini	1.01	0.00	2.50	2.50	95	5014	9630	14980	2	25.0	313	101.04	2.99	V
222	628	Piano 4	29-3 0	19	Ini	1.01	0.00	1.90	1.90	117	4461	18246	27401	2	10.0	629	155.76	6.14	V
223	629	Piano 4	29-3 3	19	Ini	1.01	0.00	2.50	2.50	118	7251	9657	15007	2	25.0	298	81.81	2.07	V

224	630	Piano 4	30-3 1	19	Ini	1.01	0.00	2.50	2.50	202	1804	9630	14980	2	25.0	257	47.56	8.30	V
225	631	Piano 4	30-3 4	5	Ini	1.01	0.00	2.50	2.50	202	6428	9657	15007	2	25.0	293	47.77	2.33	V
226	632	Piano 4	31-3 2	19	Ini	1.01	0.00	2.50	2.50	330	2038	9630	14980	2	25.0	314	29.16	7.35	V
227	633	Piano 4	31-3 5	5	Ini	1.01	0.00	2.50	2.50	160	4171	9657	15007	2	25.0	214	60.42	3.60	V
228	634	Piano 4	36-3 2	19	Ini	1.01	0.00	2.50	2.50	32	5244	9630	14980	2	25.0	299	296.80	2.86	V
230	636	Piano 4	33-3 9	19	Ini	1.01	0.00	2.50	2.50	8	7502	9657	15007	2	25.0	354	1141.8 7	2.00	V
232	638	Piano 4	34-4 0	5	Ini	1.01	0.00	2.50	2.50	20	7996	9657	15007	2	25.0	354	480.11	1.88	V
233	639	Piano 4	35-3 6	5	Ini	1.01	0.00	2.50	2.50	584	3443	9630	14980	2	25.0	314	16.49	4.35	V
234	640	Piano 4	35-3 7	5	Ini	1.01	0.00	2.50	2.50	236	5778	9657	15007	2	25.0	222	40.93	2.60	V
235	641	Piano 4	38-3 6	19	Ini	1.01	0.00	2.50	2.50	356	4432	9630	14980	2	25.0	222	27.03	3.38	V
236	642	Piano 4	37-3 8	5	Ini	1.01	0.00	2.50	2.50	703	2705	9630	14980	2	25.0	314	13.70	5.54	V
237	643	Piano 4	37-4 1	5	Ini	1.01	0.00	2.50	2.50	202	5039	9657	15007	2	25.0	97	47.86	2.98	V
238	644	Piano 4	42-3 8	19	Ini	1.01	0.00	2.50	2.50	211	3661	9630	14980	2	25.0	112	45.56	4.09	V
241	647	Piano 4	41-4 2	19	Ini	1.01	0.00	2.50	2.50	405	3108	9630	14980	2	25.0	299	23.80	4.82	V

### 3.1.2.2.1.5 Verifiche a Taglio - PGA SLV = 0.4254 g.

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;(solo combinazioni sismiche)  
 $V_{SdXY}$  : valore del Taglio X-Y sollecitante di calcolo;(solo combinazioni sismiche)

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 95.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro				Tagli Sollecitanti		Tagli Resistenti								Esito
						A <sub>Staff</sub> [cm <sup>2</sup> ]	A <sub>Sag</sub> [cm <sup>2</sup> ]	cot θ <sub>XY</sub> [°]	cot θ <sub>XZ</sub> [°]	V <sub>sdxy</sub> [daN]	V <sub>sdrz</sub> [daN]	V <sub>rdxy</sub> [daN]	V <sub>rdrz</sub> [daN]	N <sub>br</sub>	D <sub>Staff</sub> [cm]	L <sub>Tr</sub> [cm]	S <sub>XY</sub>	S <sub>XZ</sub>		
2	115	Piano 1	1-4	5	Ini	1.01	0.00	2.50	2.50	11	10527	10212	16347	2	10.0	349	908.97	1.55	V	
5	120	Piano 1	3-6	5	Ini	1.01	0.00	2.50	2.50	7	6730	5405	8879	2	25.0	349	764.87	1.32	V	
6	121	Piano 1	4-5	6	Ini	1.01	0.00	2.50	2.50	10	1797	6565	3114	2	25.0	605	646.66	1.73	V	
7	122	Piano 1	4-7	5	Ini	1.01	0.00	2.50	2.50	7	9294	10673	16363	2	10.0	293	1485.4 5	1.76	V	
8	123	Piano 1	5-6	6	Ini	1.01	0.00	2.50	2.50	38	1820	9272	2796	2	25.0	249	242.68	1.54	V	
9	124	Piano 1	5-8	5	Ini	1.01	0.00	2.50	2.50	15	8521	5909	8959	2	25.0	293	384.77	1.05	V	
10	125	Piano 1	6-9	5	Ini	1.01	0.00	2.50	2.50	14	6514	5873	8906	2	25.0	293	409.44	1.37	V	
11	126	Piano 1	7-8	6	Ini	1.01	0.00	2.50	2.50	10	1799	6566	3115	2	25.0	605	659.53	1.73	V	
12	127	Piano 1	7-10	5	Ini	1.01	0.00	2.50	2.50	8	9356	10661	16346	2	10.0	293	1260.6 8	1.75	V	
13	128	Piano 1	8-9	6	Ini	1.01	0.00	2.50	2.50	28	1843	9276	2796	2	25.0	248	332.79	1.52	V	
14	129	Piano 1	8-11	5	Ini	1.01	0.00	2.50	2.50	20	9259	10728	16446	2	10.0	293	531.28	1.78	V	



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15	130	Piano 1	9-12	5	Ini	1.01	0.00	2.50	2.50	14	6601	5889	8929	2	25.0	293	418.18	1.35	V
16	131	Piano 1	10-1	13	Ini	2.26	0.00	1.00	1.00	9	3442	18264	28077	2	10.0	605	2048.13	8.16	V
17	132	Piano 1	10-1	12	Ini	1.01	0.00	2.50	2.50	5	9421	11008	16856	2	10.0	293	2075.62	1.79	V
19	134	Piano 1	11-1	5	Ini	1.01	0.00	2.50	2.50	5	8901	5987	9077	2	25.0	293	1166.29	1.02	V
20	135	Piano 1	12-1	5	Ini	1.01	0.00	2.50	2.50	1	6745	5908	8958	2	25.0	293	4968.92	1.33	V
21	136	Piano 1	13-1	6	Ini	1.01	0.00	2.50	2.50	12	1797	6566	3115	2	25.0	605	566.69	1.73	V
22	137	Piano 1	13-1	12	Ini	1.01	0.00	2.50	2.50	5	9317	10871	16774	2	10.0	303	2054.35	1.80	V
23	138	Piano 1	14-1	6	Ini	1.01	0.00	2.50	2.50	20	1796	9284	2798	2	25.0	248	471.19	1.56	V
25	140	Piano 1	15-1	5	Ini	1.01	0.00	2.50	2.50	8	6213	5780	8875	2	25.0	303	713.13	1.43	V
26	141	Piano 1	16-1	6	Ini	1.01	0.00	2.50	2.50	13	1801	6672	3114	2	25.0	590	532.66	1.73	V
27	142	Piano 1	16-1	13	Ini	1.01	0.00	1.80	1.80	5	9073	10112	15626	2	10.0	303	2194.44	1.72	V
28	143	Piano 1	17-1	6	Ini	1.01	0.00	2.50	2.50	31	1986	9411	2797	2	25.0	233	307.91	1.41	V
31	152	Piano 1	19-2	6	Ini	1.01	0.00	2.50	2.50	18	1795	6671	3114	2	25.0	590	380.10	1.74	V
32	153	Piano 1	19-2	5	Ini	1.01	0.00	2.50	2.50	22	9576	10323	15849	2	10.0	293	473.46	1.66	V
33	154	Piano 1	20-2	6	Ini	1.01	0.00	2.50	2.50	28	2258	9545	2799	2	25.0	218	342.44	1.24	V
34	155	Piano 1	20-2	5	Ini	1.01	0.00	2.50	2.50	12	10922	11180	16801	2	10.0	263	898.59	1.54	V
35	159	Piano 1	21-2	5	Ini	1.01	0.00	2.50	2.50	20	8290	6209	9145	2	25.0	268	316.88	1.10	V
36	160	Piano 1	21-4	26	Ini	1.57	0.00	1.00	1.00	22	10180	15884	32023	2	10.0	288	731.30	3.15	V
37	164	Piano 1	22-2	6	Ini	1.01	0.00	2.50	2.50	23	1802	6649	3115	2	25.0	592	294.18	1.73	V
38	165	Piano 1	22-2	13	Ini	1.01	0.00	1.80	1.80	9	9540	10001	15376	2	10.0	293	1147.44	1.61	V
39	166	Piano 1	23-2	6	Ini	1.01	0.00	2.50	2.50	27	1762	9438	2800	2	25.0	231	343.42	1.59	V
40	167	Piano 1	23-2	5	Ini	1.01	0.00	2.50	2.50	4	10773	10850	16467	2	10.0	278	2964.60	1.53	V
41	168	Piano 1	24-2	13	Ini	1.01	0.00	1.80	1.80	2	8404	10057	15417	2	10.0	287	4253.55	1.83	V
42	169	Piano 1	44-2	19	Ini	1.01	0.00	2.30	2.30	40	6961	12574	19241	2	15.0	303	317.71	2.76	V
43	170	Piano 1	25-2	6	Ini	1.01	0.00	2.50	2.50	19	1794	6563	3114	2	25.0	605	352.58	1.74	V
44	171	Piano 1	25-2	5	Ini	1.01	0.00	2.50	2.50	21	10838	11211	17288	2	10.0	303	537.13	1.60	V
45	172	Piano 1	26-2	6	Ini	1.01	0.00	2.50	2.50	39	1784	9422	2801	2	25.0	233	242.27	1.57	V
46	173	Piano 1	26-3	5	Ini	1.01	0.00	2.50	2.50	5	10599	10839	16561	2	10.0	288	2057.87	1.56	V
48	178	Piano 1	27-3	5	Ini	1.01	0.00	2.50	2.50	9	8753	6064	9139	2	25.0	288	708.32	1.04	V
51	181	Piano 1	29-3	5	Ini	1.01	0.00	2.50	2.50	32	9905	10848	16574	2	10.0	288	342.55	1.67	V
53	183	Piano 1	30-3	5	Ini	1.01	0.00	2.50	2.50	19	9228	6242	9298	2	25.0	278	334.23	1.01	V
55	185	Piano 1	31-3	5	Ini	1.01	0.00	2.50	2.50	4	9025	7277	10049	2	25.0	204	1627.18	1.11	V
57	191	Piano 1	33-3	6	Ini	1.01	0.00	2.50	2.50	21	1829	6567	3115	2	25.0	605	318.30	1.70	V
58	192	Piano 1	33-3	5	Ini	1.01	0.00	2.50	2.50	8	10253	10210	16166	2	10.0	339	1300.05	1.58	V
59	193	Piano 1	34-3	6	Ini	1.01	0.00	2.50	2.50	23	1605	9282	2797	2	25.0	248	398.09	1.74	V
62	196	Piano 1	35-3	5	Ini	1.01	0.00	2.50	2.50	149	7028	7526	10618	2	25.0	222	50.41	1.51	V
63	197	Piano 1	38-3	5	Ini	1.01	0.00	2.50	2.50	36	7037	7624	10414	2	25.0	202	211.89	1.48	V
66	200	Piano 1	42-3	5	Ini	1.01	0.00	2.50	2.50	26	10554	9467	11723	2	25.0	82	363.58	1.11	V
69	205	Piano 1	40-4	26	Ini	1.01	0.00	1.60	1.60	9	2311	9613	14508	2	15.0	125	1094.97	6.28	V
71	208	Piano 1	41-4	26	Ini	1.01	0.00	1.60	1.60	14	1862	9561	14422	2	15.0	125	706.09	7.74	V
74	292	Piano 2	1-4	5	Ini	1.01	0.00	2.50	2.50	21	10401	10061	16242	2	10.0	359	481.68	1.56	V
75	293	Piano 2	2-3	13	Ini	1.01	0.00	2.50	2.50	1	6986	5531	7922	2	25.0	218	4346.34	1.13	V
77	297	Piano 2	3-6	5	Ini	1.01	0.00	2.50	2.50	1	7236	5263	8787	2	25.0	359	5550.37	1.21	V
78	298	Piano 2	4-5	23	Ini	1.01	0.00	2.50	2.50	19	1882	6590	3123	2	25.0	605	337.96	1.66	V
79	299	Piano 2	4-7	5	Ini	1.01	0.00	2.50	2.50	15	9284	10553	16291	2	10.0	303	718.88	1.75	V
80	300	Piano 2	5-6	23	Ini	1.01	0.00	2.50	2.50	9	2124	9300	2806	2	25.0	249	1067.11	1.32	V
81	301	Piano 2	5-8	5	Ini	1.01	0.00	2.50	2.50	9	9097	10553	16292	2	10.0	303	1111.71	1.79	V
82	302	Piano 2	6-9	5	Ini	1.01	0.00	2.50	2.50	3	6656	5753	8833	2	25.0	303	1993.73	1.33	V
83	303	Piano 2	7-8	23	Ini	1.01	0.00	2.50	2.50	17	1878	6590	3123	2	25.0	605	387.80	1.66	V
84	304	Piano 2	7-10	5	Ini	1.01	0.00	2.50	2.50	24	9276	10543	16276	2	10.0	303	435.33	1.75	V
85	305	Piano 2	8-9	23	Ini	1.01	0.00	2.50	2.50	2	2203	9305	2806	2	25.0	248	4840.30	1.27	V
86	306	Piano 2	8-11	5	Ini	1.01	0.00	2.50	2.50	14	9169	10555	16294	2	10.0	303	778.84	1.78	V
87	307	Piano 2	9-12	5	Ini	1.01	0.00	2.50	2.50	1	6404	5758	8840	2	25.0	303	5078.9	1.38	V

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88	308	Piano 2	10-1 1	12	Ini	1.01	0.00	2.50	2.50	12	4837	7502	9276	2	25.0	605	0 622.31	1.92	V
89	309	Piano 2	10-1 3	5	Ini	1.01	0.00	2.50	2.50	4	9278	10541	16274	2	10.0	303	2489.2 2	1.75	V
91	311	Piano 2	11-1 4	5	Ini	1.01	0.00	2.50	2.50	2	9414	10546	16281	2	10.0	303	4452.6 9	1.73	V
92	312	Piano 2	12-1 5	5	Ini	1.01	0.00	2.50	2.50	1	6509	5760	8843	2	25.0	303	4270.8 1	1.36	V
93	313	Piano 2	13-1 4	23	Ini	1.01	0.00	2.50	2.50	11	1880	6589	3123	2	25.0	605	626.90	1.66	V
94	314	Piano 2	13-1 6	5	Ini	1.01	0.00	2.50	2.50	16	9034	10409	16186	2	10.0	313	649.22	1.79	V
95	315	Piano 2	14-1 5	23	Ini	1.01	0.00	2.50	2.50	9	2154	9303	2805	2	25.0	248	1005.2 4	1.30	V
97	317	Piano 2	15-1 8	5	Ini	1.01	0.00	2.50	2.50	3	6372	5633	8762	2	25.0	313	2006.3 0	1.38	V
98	318	Piano 2	16-1 7	23	Ini	1.01	0.00	2.50	2.50	8	1887	6694	3122	2	25.0	590	825.05	1.65	V
99	319	Piano 2	16-1 9	12	Ini	1.01	0.00	2.50	2.50	2	9130	10412	16189	2	10.0	313	6601.7 2	1.77	V
100	320	Piano 2	17-1 8	23	Ini	1.01	0.00	2.50	2.50	35	2341	9430	2804	2	25.0	233	265.94	1.20	V
103	328	Piano 2	19-2 0	23	Ini	1.01	0.00	2.50	2.50	9	1885	6690	3120	2	25.0	590	740.10	1.65	V
104	329	Piano 2	19-2 2	5	Ini	1.01	0.00	2.50	2.50	14	9130	10550	16286	2	10.0	303	757.47	1.78	V
105	330	Piano 2	20-2 1	23	Ini	1.01	0.00	2.50	2.50	24	2797	9615	2824	2	25.0	218	398.70	1.01	V
107	335	Piano 2	21-2 4	5	Ini	1.01	0.00	2.50	2.50	25	9794	10844	16464	2	10.0	278	430.27	1.68	V
108	336	Piano 2	22-2 3	23	Ini	1.01	0.00	2.50	2.50	21	1893	6661	3119	2	25.0	592	320.34	1.65	V
109	337	Piano 2	22-2 5	5	Ini	1.01	0.00	2.50	2.50	40	9574	10569	16316	2	10.0	303	265.21	1.70	V
110	338	Piano 2	23-2 4	23	Ini	1.01	0.00	2.50	2.50	34	2152	9436	2799	2	25.0	231	279.80	1.30	V
112	340	Piano 2	24-2 7	5	Ini	1.01	0.00	2.50	2.50	72	8091	5643	8772	2	25.0	312	77.92	1.08	V
113	341	Piano 2	24-4 4	19	Ini	1.01	0.00	2.30	2.30	69	7728	12587	19261	2	15.0	303	182.08	2.49	V
114	342	Piano 2	25-2 6	23	Ini	1.01	0.00	2.50	2.50	23	1872	6588	3122	2	25.0	605	281.78	1.67	V
115	343	Piano 2	25-2 9	5	Ini	1.01	0.00	2.50	2.50	13	10086	10722	16440	2	10.0	293	834.24	1.63	V
116	344	Piano 2	26-2 7	23	Ini	1.01	0.00	2.50	2.50	18	2021	9413	2843	2	25.0	248	513.10	1.41	V
117	345	Piano 2	26-3 0	5	Ini	1.01	0.00	2.50	2.50	23	8792	5850	8927	2	25.0	298	253.52	1.02	V
122	350	Piano 2	29-3 3	5	Ini	1.01	0.00	2.50	2.50	22	9337	10940	16605	2	10.0	278	500.40	1.78	V
124	352	Piano 2	30-3 4	5	Ini	1.01	0.00	2.50	2.50	33	9886	10897	16538	2	10.0	278	330.84	1.67	V
126	354	Piano 2	31-3 5	5	Ini	1.01	0.00	2.50	2.50	77	8302	7527	10209	2	25.0	184	97.32	1.23	V
128	359	Piano 2	33-3 4	23	Ini	1.01	0.00	2.50	2.50	19	1899	6585	3122	2	25.0	605	342.29	1.64	V
129	360	Piano 2	33-3 9	5	Ini	1.01	0.00	2.50	2.50	25	10687	9873	15877	2	10.0	359	398.22	1.49	V
130	361	Piano 2	34-3 5	23	Ini	1.01	0.00	2.50	2.50	43	1967	9289	2800	2	25.0	248	214.46	1.42	V
137	368	Piano 2	42-3 8	5	Ini	1.01	0.00	2.50	2.50	172	10607	10064	12784	2	20.0	92	58.48	1.21	V
140	373	Piano 2	40-4 8	26	Ini	1.01	0.00	1.60	1.60	10	3552	9525	14362	2	15.0	125	999.23	4.04	V
142	376	Piano 2	41-4 7	26	Ini	1.01	0.00	1.60	1.60	14	1887	9508	14334	2	15.0	125	670.44	7.60	V
145	457	Piano 3	1-4	19	Ini	1.01	0.00	2.50	2.50	54	7094	4825	7938	2	25.0	359	89.00	1.12	V
146	458	Piano 3	2-3	19	Ini	1.01	0.00	1.80	1.80	94	12186	11100	16360	2	10.0	218	118.17	1.34	V
147	461	Piano 3	2-5	19	Ini	1.01	0.00	1.80	1.80	28	8462	9729	15552	2	10.0	359	352.57	1.84	V
148	462	Piano 3	3-6	19	Ini	1.01	0.00	2.50	2.50	2	5483	4801	7902	2	25.0	359	2228.3 1	1.44	V
150	464	Piano 3	4-7	19	Ini	1.01	0.00	2.50	2.50	49	5585	5184	7972	2	25.0	303	106.65	1.43	V
152	466	Piano 3	5-8	19	Ini	1.01	0.00	2.50	2.50	19	6959	5338	8203	2	25.0	303	278.43	1.18	V
153	467	Piano 3	6-9	19	Ini	1.01	0.00	2.50	2.50	7	4152	5174	7956	2	25.0	303	788.52	1.92	V
155	469	Piano 3	7-10	19	Ini	1.01	0.00	2.50	2.50	23	5699	5169	7949	2	25.0	303	221.88	1.39	V
157	471	Piano 3	8-11	5	Ini	1.01	0.00	2.50	2.50	10	6241	6000	9203	2	25.0	303	584.64	1.47	V
158	472	Piano 3	9-12	19	Ini	1.01	0.00	2.50	2.50	3	3859	5168	7947	2	25.0	303	1934.7 0	2.06	V
159	473	Piano 3	10-1 1	19	Ini	1.01	0.00	2.50	2.50	6	3757	4027	5814	2	25.0	605	671.33	1.55	V
160	474	Piano 3	10-1 3	19	Ini	1.01	0.00	2.50	2.50	8	5532	5158	7932	2	25.0	303	649.05	1.43	V
161	475	Piano 3	11-1 2	19	Ini	1.01	0.00	2.50	2.50	22	4734	5633	8208	2	25.0	248	253.91	1.73	V
162	476	Piano 3	11-1 4	19	Ini	1.01	0.00	2.50	2.50	21	6937	5318	8172	2	25.0	303	259.25	1.18	V
163	477	Piano 3	12-1 5	19	Ini	1.01	0.00	2.50	2.50	24	3775	5162	7938	2	25.0	303	218.49	2.10	V
165	479	Piano 3	13-1 6	19	Ini	1.01	0.00	2.50	2.50	41	5352	5050	7850	2	25.0	313	123.01	1.47	V
168	482	Piano 3	15-1 8	19	Ini	1.01	0.00	2.50	2.50	8	4281	5054	7856	2	25.0	313	628.36	1.83	V
170	484	Piano 3	16-1 9	19	Ini	1.01	0.00	2.50	2.50	11	5746	5043	7840	2	25.0	313	454.18	1.36	V
175	494	Piano 3	19-2 2	19	Ini	1.01	0.00	2.50	2.50	39	5471	5144	7912	2	25.0	303	132.41	1.45	V
180	502	Piano 3	22-2	19	Ini	1.01	0.00	2.50	2.50	6	7321	5185	7973	2	25.0	303	878.71	1.09	V

183	505	Piano 3	5 24-2 7	19	Ini	1.01	0.00	2.50	2.50	30	5906	5195	7945	2	25.0	297	170.76	1.35	V
184	506	Piano 3	44-2 4	19	Ini	1.01	0.00	2.30	2.30	48	2678	12600	19281	2	15.0	303	260.66	7.20	V
186	508	Piano 3	25-2 9	19	Ini	1.01	0.00	2.50	2.50	76	7326	4971	7733	2	25.0	313	65.32	1.06	V
188	510	Piano 3	26-3 0	5	Ini	1.01	0.00	2.50	2.50	70	7220	5767	8964	2	25.0	313	82.26	1.24	V
193	515	Piano 3	29-3 3	19	Ini	1.01	0.00	2.50	2.50	73	7525	5142	7870	2	25.0	298	70.40	1.05	V
195	517	Piano 3	30-3 4	19	Ini	1.01	0.00	2.50	2.50	152	7575	5320	8096	2	25.0	293	35.10	1.07	V
197	519	Piano 3	31-3 5	19	Ini	1.01	0.00	2.50	2.50	247	6539	6361	8914	2	25.0	199	25.79	1.36	V
200	525	Piano 3	33-3 9	19	Ini	1.01	0.00	1.80	1.80	71	7777	9342	14910	2	10.0	359	131.80	1.92	V
202	527	Piano 3	34-4 0	19	Ini	1.01	0.00	1.80	1.80	64	8274	9560	15120	2	10.0	344	149.83	1.83	V
204	529	Piano 3	35-3 7	19	Ini	1.01	0.00	2.50	2.50	379	6673	7026	9976	2	25.0	207	18.54	1.49	V
208	533	Piano 3	42-3 8	19	Ini	1.01	0.00	2.50	2.50	79	9951	7796	10017	2	25.0	92	98.28	1.01	V
211	538	Piano 3	40-4 8	26	Ini	1.01	0.00	1.60	1.60	14	10187	9668	14600	2	15.0	125	683.21	1.43	V
213	541	Piano 3	41-4 7	26	Ini	1.01	0.00	1.60	1.60	3	5535	9749	14547	2	15.0	115	2864.1 2	2.63	V
216	622	Piano 4	25-2 9	19	Ini	1.01	0.00	2.50	2.50	33	7578	5354	8149	2	25.0	293	160.82	1.08	V
218	624	Piano 4	26-3 0	5	Ini	1.01	0.00	2.50	2.50	12	7785	6159	9390	2	25.0	298	493.48	1.21	V
220	626	Piano 4	27-3 1	5	Ini	1.01	0.00	2.50	2.50	95	5014	6098	9484	2	25.0	313	63.98	1.89	V
222	628	Piano 4	29-3 0	19	Ini	1.01	0.00	1.90	1.90	117	4461	11004	15642	2	10.0	629	93.93	3.51	V
223	629	Piano 4	29-3 3	19	Ini	1.01	0.00	2.50	2.50	118	7251	5279	8076	2	25.0	298	44.72	1.11	V
224	630	Piano 4	30-3 1	19	Ini	1.01	0.00	2.50	2.50	202	1804	7178	10555	2	25.0	257	35.45	5.85	V
225	631	Piano 4	30-3 4	5	Ini	1.01	0.00	2.50	2.50	202	6428	6261	9487	2	25.0	293	30.97	1.48	V
226	632	Piano 4	31-3 2	19	Ini	1.01	0.00	2.50	2.50	330	2038	6599	10068	2	25.0	314	19.98	4.94	V
227	633	Piano 4	31-3 5	5	Ini	1.01	0.00	2.50	2.50	160	4171	7169	9995	2	25.0	214	44.85	2.40	V
228	634	Piano 4	36-3 2	19	Ini	1.01	0.00	2.50	2.50	32	5244	5442	8327	2	25.0	299	167.73	1.59	V
230	636	Piano 4	33-3 9	19	Ini	1.01	0.00	2.50	2.50	8	7502	4802	7801	2	25.0	354	567.80	1.04	V
232	638	Piano 4	34-4 0	5	Ini	1.01	0.00	2.50	2.50	20	7996	5410	8871	2	25.0	354	268.95	1.11	V
233	639	Piano 4	35-3 6	5	Ini	1.01	0.00	2.50	2.50	584	3443	7858	11953	2	25.0	314	13.46	3.47	V
234	640	Piano 4	35-3 7	5	Ini	1.01	0.00	2.50	2.50	236	5778	7034	9878	2	25.0	222	29.81	1.71	V
235	641	Piano 4	38-3 6	19	Ini	1.01	0.00	2.50	2.50	356	4432	6281	8899	2	25.0	222	17.63	2.01	V
236	642	Piano 4	37-3 8	5	Ini	1.01	0.00	2.50	2.50	703	2705	7037	10721	2	25.0	314	10.01	3.96	V
237	643	Piano 4	37-4 1	5	Ini	1.01	0.00	2.50	2.50	202	5039	8950	11411	2	25.0	97	44.36	2.26	V
238	644	Piano 4	42-3 8	19	Ini	1.01	0.00	2.50	2.50	211	3661	7472	9709	2	25.0	112	35.35	2.65	V
241	647	Piano 4	41-4 2	19	Ini	1.01	0.00	2.50	2.50	405	3108	6371	9620	2	25.0	299	15.74	3.10	V

### 3.1.2.2.1.6 Verifica a Taglio Travi con Ringrossi in CA - PGA SLV = 0.4254 g.

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;

## Relazione 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 96.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Cons.	Blocco	Aree ferro		cot $\theta_{XY}$ [°]	cot $\theta_{XZ}$ [°]	Tagli Sollecitanti		Tagli Resistenti		$N_{br}$	$D_{Staffe}$ [cm]	$L_{Tr}$ [cm]	$S_{XY}$	$S_{XZ}$	Esito
							$A_{Staffe}$ [cm <sup>2</sup> ]	$A_{Sag}$ [cm <sup>2</sup> ]			$V_{sdx}$ [daN]	$V_{sdxz}$ [daN]	$V_{rdx}$ [daN]	$V_{rdxz}$ [daN]						
1	114	Piano 1	1-2	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	16	27104	64960	105852	2	15.00	575	3955. 98	3.91	V
3	116	Piano 1	2-3	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	254	37503	64960	105852	2	15.00	218	255.3 0	2.82	V
4	119	Piano 1	2-5	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	35	22943	65077	105969	2	15.00	349	1843. 08	4.62	V
18	133	Piano 1	11-12	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	16	14054	64960	105852	2	15.00	248	4017. 75	7.53	V
24	139	Piano 1	14-17	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	4	20102	65077	105969	2	15.00	288	-	5.27	V
29	144	Piano 1	17-20	16	AT 002 BIS	Cons	10.18	0.00	1.00	1.00	32	80936	131678	142998	4	15.00	273	4170. 12	1.77	V
30	151	Piano 1	18-21	37	INTER NA	Cons	2.26	0.00	2.30	2.30	17	16710	74142	98571	2	15.00	288	4406. 93	5.90	V
47	174	Piano 1	28-27	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	4164	51883	67913	106754	2	15.00	288	16.31	2.06	V
49	179	Piano 1	32-28	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	261	26568	74020	98449	2	15.00	263	283.7 0	3.71	V
50	180	Piano 1	29-30	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.70	1.70	55	16561	75295	122692	2	10.00	590	1356. 80	7.41	V
52	182	Piano 1	30-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	81	30657	64960	105852	2	15.00	233	800.9 0	3.45	V
54	184	Piano 1	31-32	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	39	15532	64960	105852	2	15.00	303	1671. 01	6.81	V
56	186	Piano 1	36-32	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	188	17788	74020	98449	2	15.00	239	394.3 9	5.53	V
60	194	Piano 1	34-40	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	1	24265	65077	105969	2	15.00	334	-	4.37	V
61	195	Piano 1	35-36	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	18	29882	64960	105852	2	15.00	303	3655. 07	3.54	V
64	198	Piano 1	37-38	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	387	14854	64960	105852	2	15.00	303	168.0 0	7.13	V
65	199	Piano 1	37-41	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	8213	39381	68035	109490	2	15.00	87	8.28	2.78	V
67	201	Piano 1	39-40	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.70	1.70	45	30847	75295	122692	2	10.00	579	1659. 90	3.98	V
68	202	Piano 1	40-41	49	TRAVE 4	Cons	66.48	0.00	1.00	1.00	93	108952	195633	199920	4	5.00	214	2111. 89	1.83	V
70	207	Piano 1	41-42	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	62	44306	64960	105852	2	15.00	288	1045. 43	2.39	V
73	291	Piano 2	1-2	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	48	30796	64960	105852	2	15.00	575	1350. 53	3.44	V
76	296	Piano 2	2-5	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	42	23432	65077	105969	2	15.00	359	1538. 78	4.52	V
90	310	Piano 2	11-12	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	10	14955	64960	105852	2	15.00	248	6280. 54	7.08	V
96	316	Piano 2	14-17	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	33	21752	65077	105969	2	15.00	298	1950. 78	4.87	V
101	321	Piano 2	17-20	16	AT 002 BIS	Cons	7.07	0.00	1.00	1.00	89	77960	91941	143428	4	15.00	283	1031. 65	1.84	V
102	327	Piano 2	18-21	37	INTER NA	Cons	2.26	0.00	2.30	2.30	33	17402	74142	98571	2	15.00	298	2234. 36	5.66	V
106	331	Piano 2	20-23	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	60	19417	65077	105969	2	15.00	273	1080. 11	5.46	V
111	339	Piano 2	23-26	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	137	28678	65077	105969	2	15.00	288	474.6 0	3.70	V
118	346	Piano 2	28-27	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	280	36853	67913	105873	2	15.00	303	242.7 8	2.87	V
119	347	Piano 2	27-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	15	25060	65077	105969	2	15.00	313	4280. 33	4.23	V
120	348	Piano 2	32-28	38	INTER NA_001	Cons	2.26	0.00	2.40	2.40	313	31236	77238	98451	2	15.00	273	246.6 3	3.15	V
121	349	Piano 2	29-30	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	35	15584	64960	105852	2	15.00	590	1866. 47	6.79	V
123	351	Piano 2	30-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	69	42736	64960	105852	2	15.00	233	941.6 7	2.48	V
125	353	Piano 2	31-32	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	132	29836	64960	105852	2	15.00	303	492.4 7	3.55	V
127	355	Piano 2	36-32	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	178	10031	74020	98449	2	15.00	249	416.6 1	9.81	V
131	362	Piano 2	34-40	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	67	25400	65077	105969	2	15.00	344	970.2 8	4.17	V
132	363	Piano 2	35-36	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	155	34970	64960	105852	2	15.00	303	420.2 9	3.03	V
133	364	Piano 2	35-37	16	AT 002	Cons	2.26	0.00	2.30	2.30	1179	28359	68035	107497	2	15.00	192	57.69	3.79	V

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134	365	Piano 2	38-36	38	BIS INTER NA_001	Cons	2.26	0.00	2.30	2.30	39	23468	74020	98449	2	15.00	202	1895. 70	4.20	V
135	366	Piano 2	37-38	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	592	29697	67913	106013	2	15.00	303	114.6 3	3.57	V
136	367	Piano 2	37-41	16	AT 002 BIS	Cons	2.26	0.00	2.30	2.30	13402	57612	68035	109948	2	15.00	87	5.08	1.91	V
138	369	Piano 2	39-40	16	AT 002 BIS	Cons	2.65	0.00	2.00	2.00	18	36033	69182	112811	2	15.00	579	3801. 12	3.13	V
139	370	Piano 2	40-41	43	AT SOLO SOTTO	Cons	5.09	0.00	1.10	1.10	287	80198	127956	147605	2	10.00	214	445.2 3	1.84	V
141	375	Piano 2	41-42	16	AT 002 BIS	Cons	2.65	0.00	2.00	2.00	69	54845	69182	112811	2	15.00	288	1009. 67	2.06	V
144	456	Piano 3	1-2	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	59	20075	59055	83093	2	15.00	575	1002. 55	4.14	V
149	463	Piano 3	4-5	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	88	6003	81825	79784	2	10.00	605	932.0 2	13.29	V
151	465	Piano 3	5-6	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	103	5461	81722	79684	2	10.00	249	795.9 6	14.59	V
154	468	Piano 3	7-8	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	50	5714	81829	79788	2	10.00	605	1637. 40	13.96	V
156	470	Piano 3	8-9	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	44	5913	81725	79686	2	10.00	248	1874. 87	13.48	V
164	478	Piano 3	13-14	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	42	5833	81829	79788	2	10.00	605	1952. 97	13.68	V
166	480	Piano 3	14-15	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	53	6179	81727	79689	2	10.00	248	1535. 51	12.90	V
167	481	Piano 3	14-17	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	83	15814	64960	105852	2	15.00	298	782.7 5	6.69	V
169	483	Piano 3	16-17	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	41	6637	81820	79779	2	10.00	590	2001. 47	12.02	V
171	485	Piano 3	17-18	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	64	14015	81686	79648	2	10.00	233	1270. 91	5.68	V
172	486	Piano 3	17-20	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	44	40325	59161	83448	2	15.00	283	1335. 70	2.07	V
173	492	Piano 3	18-21	37	INTER NA	Cons	2.26	0.00	2.30	2.30	22	13194	74142	98571	2	15.00	298	3318. 95	7.47	V
174	493	Piano 3	19-20	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	15	6216	81818	79778	2	10.00	590	5592. 68	12.83	V
176	495	Piano 3	20-21	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	128	33983	81691	79653	2	10.00	218	638.7 6	2.34	V
177	496	Piano 3	20-23	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.70	1.70	132	14990	75295	122692	2	10.00	273	568.4 2	8.19	V
178	500	Piano 3	21-24	37	INTER NA	Cons	2.26	0.00	2.30	2.30	111	16765	74142	98571	2	15.00	278	667.0 4	5.88	V
179	501	Piano 3	22-23	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	54	6890	81800	79760	2	10.00	592	1503. 15	11.58	V
181	503	Piano 3	23-24	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	102	16427	81730	79692	2	10.00	231	804.2 3	4.85	V
182	504	Piano 3	23-26	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.80	1.80	118	33714	79724	122728	2	10.00	288	674.8 1	3.64	V
185	507	Piano 3	25-26	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	86	9237	82578	80518	2	10.00	605	964.9 0	8.72	V
187	509	Piano 3	26-27	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	212	16294	81678	79641	2	10.00	233	385.7 7	4.89	V
189	511	Piano 3	28-27	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	495	21004	64960	105852	2	15.00	288	131.2 9	5.04	V
190	512	Piano 3	27-31	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	367	19735	59161	83160	2	15.00	283	161.1 8	4.21	V
191	513	Piano 3	32-28	38	INTER NA_001	Cons	2.26	0.00	2.40	2.40	297	27526	77238	98891	2	15.00	273	259.9 6	3.59	V
192	514	Piano 3	29-30	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	79	11309	59055	82980	2	15.00	605	747.2 0	7.34	V
194	516	Piano 3	30-31	16	AT 002 BIS	Cons	2.26	0.00	2.20	2.20	252	17503	64960	105852	2	15.00	233	257.2 9	6.05	V
196	518	Piano 3	31-32	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	441	18603	59055	82789	2	15.00	288	134.0 3	4.45	V
198	520	Piano 3	36-32	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	463	13587	74020	98449	2	15.00	259	159.9 0	7.25	V
199	524	Piano 3	33-34	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	67	7757	82168	80118	2	10.00	605	1230. 64	10.33	V
201	526	Piano 3	34-35	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	89	7844	81807	79766	2	10.00	248	917.4 3	10.17	V
203	528	Piano 3	35-36	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	682	12684	59055	82779	2	15.00	303	86.53	6.53	V
205	530	Piano 3	38-36	38	INTER NA_001	Cons	2.26	0.00	2.30	2.30	835	19838	74020	98449	2	15.00	202	88.63	4.96	V
206	531	Piano 3	37-38	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	938	20493	59055	84111	2	15.00	288	62.95	4.10	V
207	532	Piano 3	37-41	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	8826	40081	59161	86776	2	15.00	72	6.70	2.17	V
209	534	Piano 3	39-40	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	8	23454	59055	82809	2	15.00	579	7425. 84	3.53	V
210	535	Piano 3	40-41	43	AT SOLO SOTTO	Cons	5.09	0.00	1.10	1.10	145	33680	128153	147651	2	10.00	214	886.6 0	4.38	V
212	540	Piano 3	41-42	32	AT	Cons	2.26	0.00	2.00	2.00	248	27723	59055	82752	2	15.00	288	238.5	2.98	V

					DEFAU LT_001												0			
215	621	Piano 4	25-26	20	AT 002 TRIS	Cons	2.26	0.00	2.10	2.10	1317	8665	84343	82239	2	10.00	613	64.06	9.49	V
217	623	Piano 4	26-27	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	4283	7479	84957	82209	2	10.00	242	19.84	10.99	V
219	625	Piano 4	28-27	18	AT 002 QUINQ UES	Cons	2.26	0.00	1.90	1.90	1918	5445	84304	130727	2	10.00	316	43.96	24.01	V
221	627	Piano 4	32-28	38	INTER NA_001	Cons	2.26	0.00	2.40	2.40	425	11927	77238	98494	2	15.00	313	181.8 7	8.26	V
229	635	Piano 4	33-34	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	815	6886	85423	82209	2	10.00	629	104.8 6	11.94	V
231	637	Piano 4	34-35	20	AT 002 TRIS	Cons	2.26	0.00	2.00	2.00	2882	3815	86823	82209	2	10.00	257	30.13	21.55	V
239	645	Piano 4	39-40	32	AT DEFAU LT_001	Cons	2.26	0.00	2.00	2.00	753	15439	59161	86292	2	15.00	617	78.59	5.59	V
240	646	Piano 4	40-41	38	INTER NA_001	Cons	2.26	0.00	2.50	2.50	2183	20632	80456	107010	2	15.00	223	36.86	5.19	V

### 3.1.2.3 Aste in Acciaio.

#### 3.1.2.3.1 Verifiche Generiche.

Dati 97.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 14 [PGA] [IN]	1	-3018	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 : **18.626**

#### 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 4 [PGA] [IN]	7	-3226	2	2	3	1	0	NO

PIANO A.P.I. XY.

- Beta  $\beta$  : 0.7
- Lungh. libera inflessione  $l_0$  : 2429.0 mm
- Snellezza  $\lambda$  : 98.7
- Capacità portante  $N_{b,Rd}$  : 339.0 KN
- Fattore di sicurezza : **10.51**

PIANO A.P.I. XZ.

- Beta  $\beta$  : 0.7
- Lungh. libera inflessione  $l_0$  : 2429.0 mm
- Snellezza  $\lambda$  : 69.2
- Capacità portante  $N_{b,Rd}$  : 465.5 KN
- Fattore di sicurezza : **14.429**

#### 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 14 [PGA] [IN]	7	-2214	12	-12	-25	-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 : **14.865**

**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 4 [PGA] [IN]	7	-2246	-1	-8	-15	1	0	NO

PIANO A.P.I. XY.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2471.0 mm  
 · Snellezza  $\lambda$  : 100.4  
 · Capacità portante  $N_{b,Rd}$  : 332.3 KN  
 · Fattore di sicurezza : **14.79**

PIANO A.P.I. XZ.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2471.0 mm  
 · Snellezza  $\lambda$  : 70.3  
 · Capacità portante  $N_{b,Rd}$  : 460.3 KN  
 · Fattore di sicurezza : **20.489**

**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 16 [PGA] [IN]	7	-262	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 : **50.860**

**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 4 [PGA] [IN]	7	-513	-1	-3	-7	3	0	NO

PIANO A.P.I. XY.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2471.0 mm  
 · Snellezza  $\lambda$  : 100.4  
 · Capacità portante  $N_{b,Rd}$  : 332.3 KN  
 · Fattore di sicurezza : **64.74**

PIANO A.P.I. XZ.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2471.0 mm  
 · Snellezza  $\lambda$  : 70.3  
 · Capacità portante  $N_{b,Rd}$  : 460.3 KN  
 · Fattore di sicurezza : **89.660**

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

**Sezione T120x120. Acciaio Acciaio1**  
*-ESITO VERIFICHE POSITIVO-*

**VERIFICHE DI RESISTENZA. (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 9 [PGA] [IN]	7	-4438	-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 : **12.504**

**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	-4438	-3	5	10	8	0	NO

PIANO A.P.I. XY.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2429.0 mm  
 · Snellezza  $\lambda$  : 98.7  
 · Capacità portante  $N_{b,Rd}$  : 339.0 KN  
 · Fattore di sicurezza : **7.64**

PIANO A.P.I. XZ.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2429.0 mm  
 · Snellezza  $\lambda$  : 69.2  
 · Capacità portante  $N_{b,Rd}$  : 465.5 KN  
 · Fattore di sicurezza : **10.489**

**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 9 [PGA] [IN]	7	-3342	-14	1	1	26	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 : **13.469**

**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	-3342	-14	1	1	26	0	NO

PIANO A.P.I. XY.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2471.0 mm  
 · Snellezza  $\lambda$  : 100.4  
 · Capacità portante  $N_{b,Rd}$  : 332.3 KN  
 · Fattore di sicurezza : **9.94**

PIANO A.P.I. XZ.

· Beta  $\beta$  : 0.7  
 · Lungh. libera inflessione  $l_0$  : 2471.0 mm  
 · Snellezza  $\lambda$  : 70.3  
 · Capacità portante  $N_{b,Rd}$  : 460.3 KN  
 · Fattore di sicurezza : **13.771**

**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 16 [PGA] [IN]	1	-359	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 : **60.789**

#### 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 4 [PGA] [IN]	7	-659	-2	-2	-2	2	0	NO

PIANO A.P.I. XY.		PIANO A.P.I. XZ.	
· Beta $\beta$	: 0.7	· Beta $\beta$	: 0.7
· Lungh. libera inflessione $l_0$	: 2471.0 mm	· Lungh. libera inflessione $l_0$	: 2471.0 mm
· Snellezza $\lambda$	: 100.4	· Snellezza $\lambda$	: 70.3
· Capacità portante $N_{b,Rd}$	: 332.3 KN	· Capacità portante $N_{b,Rd}$	: 460.3 KN
· Fattore di sicurezza	: <b>50.44</b>	· Fattore di sicurezza	: <b>69.863</b>

#### 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 9 [PGA] [IN]	7	103	-14	0	1	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 : **70.867**

#### 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 8 [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 ( $V_{Sd}$ ) : 21.2 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 : **950.196**

**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 8 [PGA] [IN]	1	54	-21	0	0	-9	0	NO

TIPO VERIFICA : TRAZIONE  
 Azione di progetto ( $N_{Ed}$ ) : 54.1 daN  
 Resistenza di progetto ( $N_{t,Rd}$ ) : 66309.8 daN  
 fattore di sicurezza : **1000.000**  
 TIPO VERIFICA : TAGLIO  
 Piano XY  
 · Azione di progetto ( $V_{Sd}$ ) : 20.8 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 : **969.515**

**VERIFICA DI STABILITA' A COMPRESSIONE. (ESITO POSITIVO)**

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

**3.1.2.4 Verifiche Travi di Fondazione in C.A. .**

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

**3.1.2.4.1 Verifiche a Flessione Composta - PGA SLV = 0.4254 g.**

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;  
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta

## Relazione di calcolo

$A_{sup}$  : valore dell'area di armatura presente all'estradosso;  
 $A_{inf}$  : valore dell'area di armatura presente all'intradosso;  
 $A_{fl}$  : valore dell'area di armatura presente nella sezione;  
 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 98.I

										Azioni Sollecitanti			Azioni Resistenti			S	Esito
Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	A <sub>sup</sub> [cm²]	A <sub>inf</sub> [cm²]	A <sub>n</sub> [cm²]	CC	N <sub>sd</sub> [daN]	M <sub>sdxz</sub> [daNm]	M <sub>sdxy</sub> [daNm]	N <sub>rd</sub> [daN]	M <sub>rdxz</sub> [daNm]	M <sub>rdxy</sub> [daNm]	S	Esito
246	7	Fondazio ne	46-2	25	0.00	20.80	20.80	57.68	3	0	28437	-	0	126998	-	4.47	V
					3.11	20.80	20.80	57.68	7	0	-41046	-	0	-126998	-	3.09	V
					4.98	20.80	20.80	57.68	7	0	-108117	-	0	-126998	-	1.17	V
248	10	Fondazio ne	3-45	25	0.00	28.27	28.27	100.53	6	0	-87566	-	0	-212847	-	2.43	V
					1.87	28.27	28.27	100.53	6	0	-37160	-	0	-212847	-	5.73	V
					4.99	28.27	28.27	100.53	3	0	-31745	-	0	-212847	-	6.70	V
279	49	Fondazio ne	21-43	47	36.36	155.5 l	155.5 l	593.76	15	0	-171810	-	-1	-1168957	-	6.80	V
					145.45	155.5 l	155.5 l	593.76	15	0	141566	-	-1	1168957	-	8.26	V
					290.90	155.5 l	155.5 l	593.76	15	0	-227184	-	-1	-1168957	-	5.15	V
285	58	Fondazio ne	44-24	25	0.00	28.27	28.27	100.53	11	0	45328	-	0	213069	-	4.70	V
					113.45	28.27	28.27	100.53	13	0	-15039	-	0	-213069	-	14.17	V
					302.54	28.27	28.27	100.53	13	0	42439	-	0	213069	-	5.02	V
293	69	Fondazio ne	44-28	47	0.00	155.5 l	155.5 l	593.76	2	0	-198139	-	-1	-1168957	-	5.90	V
					67.69	155.5 l	155.5 l	593.76	2	0	-163645	-	-1	-1168957	-	7.14	V
					180.50	155.5 l	155.5 l	593.76	4	0	136925	-	-1	1168957	-	8.54	V
313	98	Fondazio ne	48-40	25	0.00	28.27	28.27	100.53	16	0	24858	-	0	213069	-	8.57	V
					78.21	28.27	28.27	100.53	4	0	-35665	-	0	-213069	-	5.97	V
					125.13	28.27	28.27	100.53	14	0	-122310	-	0	-213069	-	1.74	V
315	101	Fondazio ne	41-47	25	0.00	20.80	20.80	57.68	1	0	-100270	-	0	-126998	-	1.27	V
					24.42	20.80	20.80	57.68	3	0	-30467	-	0	-126998	-	4.17	V
					65.13	20.80	20.80	57.68	16	0	-25724	-	0	-126998	-	4.94	V
316	103	Fondazio ne	43-44	47	0.00	155.5 l	155.5 l	593.76	15	0	195960	-	-1	1168957	-	5.97	V
					76.65	155.5 l	155.5 l	593.76	7	0	189994	-	-1	1168957	-	6.15	V
					153.30	155.5 l	155.5 l	593.76	2	0	191261	-	-1	1168957	-	6.11	V
317	107	Fondazio ne	45-46	25	0.00	28.27	28.27	100.53	3	0	-27508	-	0	-213069	-	7.75	V
					78.04	28.27	28.27	100.53	6	0	22269	-	0	213069	-	9.57	V
					156.07	28.27	28.27	100.53	7	0	17398	-	0	213069	-	12.25	V
318	110	Fondazio ne	47-48	25	50.86	20.80	20.80	57.68	16	0	-14896	-	0	-126998	-	8.53	V
					127.14	20.80	20.80	57.68	11	0	-12745	-	0	-126998	-	9.96	V
					203.42	20.80	20.80	57.68	16	0	17301	-	0	126998	-	7.34	V

### 3.1.2.4.2 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 99.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Tipologia consolidamento	Nome tipologia
242	1	Fondazione	1-2	11	Allargamenti Sezione	AS DEFAULT_002
243	2	Fondazione	1-4	1	Allargamenti Sezione	AS DEFAULT
244	3	Fondazione	2-3	50	Allargamenti Sezione	DEF_003_003
245	6	Fondazione	2-5	1	Allargamenti Sezione	AS DEFAULT
247	9	Fondazione	3-6	1	Allargamenti Sezione	AS DEFAULT
249	12	Fondazione	4-5	8	Allargamenti Sezione	AS DEFAULT_001
250	13	Fondazione	4-7	1	Allargamenti Sezione	AS DEFAULT
251	14	Fondazione	5-6	1	Allargamenti Sezione	AS DEFAULT
252	15	Fondazione	5-8	1	Allargamenti Sezione	AS DEFAULT
253	16	Fondazione	6-9	1	Allargamenti Sezione	AS DEFAULT
254	17	Fondazione	7-8	8	Allargamenti Sezione	AS DEFAULT_001
255	18	Fondazione	7-10	1	Allargamenti Sezione	AS DEFAULT
256	19	Fondazione	8-9	1	Allargamenti Sezione	AS DEFAULT
257	20	Fondazione	8-11	1	Allargamenti Sezione	AS DEFAULT
258	21	Fondazione	9-12	1	Allargamenti Sezione	AS DEFAULT
259	22	Fondazione	10-11	8	Allargamenti Sezione	AS DEFAULT_001
260	23	Fondazione	10-13	1	Allargamenti Sezione	AS DEFAULT
261	24	Fondazione	11-12	1	Allargamenti Sezione	AS DEFAULT
262	25	Fondazione	11-14	1	Allargamenti Sezione	AS DEFAULT
263	26	Fondazione	12-15	1	Allargamenti Sezione	AS DEFAULT
264	27	Fondazione	14-13	8	Allargamenti Sezione	AS DEFAULT_001
265	28	Fondazione	13-16	8	Allargamenti Sezione	AS DEFAULT_001
266	29	Fondazione	14-15	1	Allargamenti Sezione	AS DEFAULT
267	30	Fondazione	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 azion e	26-27	1	Allargamenti Sezione	AS DEFAULT
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

### 3.1.2.4.3 Verifica a Flessione Composta Travi con Ringrossi in CA - PGA SLV = 0.4254 g.

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;

## Relazione 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;

S : valore del coefficiente di sicurezza minimo della sezione;

Esito : Esito della verifica : V = VERIFICATA;

: NV = NON VERIFICATA;

Tabella 100.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Cons.						Azioni Sollecitanti			Azioni Resistenti			S		Esito
						X [cm]	A <sub>sup</sub> [cm²]	A <sub>inf</sub> [cm²]	A <sub>n</sub> [cm²]	CC	N <sub>sd</sub> [daN]	M <sub>sdxz</sub> [daNm]	M <sub>sdy</sub> [daNm]	N <sub>rd</sub> [daN]	M <sub>rdxz</sub> [daNm]	M <sub>rdy</sub> [daNm]			
242	1	Fondazio ne	1-2	11	AS DEFAULT T_002	0.00	9.42	21.99	184.79	1	0	83857	-	-1	296158	-	3.53	V	
					AS DEFAULT T_002	359.33	18.85	6.28	178.51	1	0	-29304	-	2	-288499	-	9.84	V	
					AS DEFAULT T_002	574.93	9.42	31.42	194.21	1	0	51055	-	10	318703	-	6.24	V	
243	2	Fondazio ne	1-4	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	61053	-	0	141388	-	2.32	V	
					AS DEFAULT T	218.21	12.57	9.42	86.33	1	0	-23466	-	-2	-133736	-	5.70	V	
					AS DEFAULT T	349.14	12.57	15.71	92.61	1	0	-49373	-	0	-133860	-	2.71	V	
244	3	Fondazio ne	2-3	50	DEF_003 _003	54.51	9.42	6.28	292.17	1	0	-405820	-	20	-452973	-	1.12	V	
					DEF_003 _003	81.76	9.42	6.28	292.17	1	0	277382	-	-22	445625	-	1.61	V	
					DEF_003 _003	163.52	9.42	12.57	298.45	1	0	-402031	-	13	-453219	-	1.13	V	
245	6	Fondazio ne	2-5	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	20943	-	0	141388	-	6.75	V	
					AS DEFAULT T	218.19	12.57	9.42	86.33	1	0	-9464	-	-2	-133736	-	14.13	V	
					AS DEFAULT T	349.10	12.57	15.71	92.61	1	0	18187	-	0	141388	-	7.77	V	
247	9	Fondazio ne	3-6	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	25904	-	0	141388	-	5.46	V	
					AS DEFAULT T	218.21	12.57	9.42	86.33	1	0	-11504	-	-2	-133736	-	11.62	V	
					AS DEFAULT T	349.14	12.57	15.71	92.61	1	0	20924	-	0	141388	-	6.76	V	
249	12	Fondazio ne	4-5	8	AS DEFAULT T_001	0.00	9.42	21.99	111.84	1	0	39397	-	-7	182378	-	4.63	V	
					AS DEFAULT T_001	302.45	18.85	6.28	105.56	1	0	-16172	-	0	-174726	-	10.80	V	
					AS DEFAULT T_001	604.90	9.42	31.42	121.27	1	0	28124	-	3	205035	-	7.29	V	
250	13	Fondazio ne	4-7	1	AS DEFAULT T	0.00	9.42	15.71	89.47	1	0	20876	-	2	141313	-	6.77	V	
					AS DEFAULT T	183.05	9.42	9.42	83.19	1	0	-7466	-	3	-126146	-	16.90	V	
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	15288	-	-2	133736	-	8.75	V	
251	14	Fondazio ne	5-6	1	AS DEFAULT T	0.00	11.40	13.89	89.63	1	0	26074	-	-2	136924	-	5.25	V	
					AS DEFAULT T	93.25	11.40	13.89	89.63	1	0	-7743	-	2	-130973	-	16.92	V	
					AS DEFAULT T	248.66	11.40	13.89	89.63	1	0	26003	-	-2	136924	-	5.27	V	
252	15	Fondazio ne	5-8	1	AS DEFAULT T	0.00	9.42	15.71	89.47	1	0	11509	-	2	141313	-	12.28	V	
					AS DEFAULT T	183.08	9.42	9.42	83.19	1	0	-5101	-	3	-126146	-	24.73	V	
					AS DEFAULT T	292.93	9.42	12.57	86.33	1	0	11684	-	-2	133736	-	11.45	V	

## Relazione di calcolo

253	16	Fondazio ne	6-9	1	T AS DEFAULT	0.00	9.42	15.71	89.47	1	0	12460	-	2	141313	-	11.34	V
					AS DEFAULT T	183.05	9.42	9.42	83.19	1	0	-5365	-	3	-126146	-	23.51	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	12451	-	-2	133736	-	10.74	V
254	17	Fondazio ne	7-8	8	AS DEFAULT T_001	0.00	9.42	21.99	111.84	1	0	36537	-	-7	182378	-	4.99	V
					AS DEFAULT T_001	302.46	18.85	6.28	105.56	1	0	-15239	-	0	-174726	-	11.47	V
					AS DEFAULT T_001	604.93	9.42	31.42	121.27	1	0	28518	-	3	205035	-	7.19	V
255	18	Fondazio ne	7-10	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	17477	-	-2	133736	-	7.65	V
					AS DEFAULT T	183.05	9.42	9.42	83.19	1	0	-6848	-	3	-126146	-	18.42	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	13530	-	-2	133736	-	9.88	V
256	19	Fondazio ne	8-9	1	AS DEFAULT T	0.00	11.40	13.89	89.63	1	0	15436	-	-2	136924	-	8.87	V
					AS DEFAULT T	93.01	11.40	13.89	89.63	1	0	-5265	-	2	-130973	-	24.88	V
					AS DEFAULT T	248.03	11.40	13.89	89.63	1	0	15987	-	-2	136924	-	8.56	V
257	20	Fondazio ne	8-11	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	10610	-	-2	133736	-	12.60	V
					AS DEFAULT T	109.83	9.42	9.42	83.19	1	0	-5678	-	3	-126146	-	22.22	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	13453	-	-2	133736	-	9.94	V
258	21	Fondazio ne	9-12	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	9214	-	-2	133736	-	14.51	V
					AS DEFAULT T	109.83	9.42	9.42	83.19	1	0	-5745	-	3	-126146	-	21.96	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	13293	-	-2	133736	-	10.06	V
259	22	Fondazio ne	10-11	8	AS DEFAULT T_001	0.00	9.42	21.99	111.84	1	0	27857	-	-7	182378	-	6.55	V
					AS DEFAULT T_001	302.46	18.85	6.28	105.56	1	0	-14324	-	0	-174726	-	12.20	V
					AS DEFAULT T_001	604.93	9.42	31.42	121.27	1	0	28771	-	3	205035	-	7.13	V
260	23	Fondazio ne	10-13	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	19143	-	-2	133736	-	6.99	V
					AS DEFAULT T	183.05	9.42	9.42	83.19	1	0	-6729	-	3	-126146	-	18.75	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	16015	-	-2	133736	-	8.35	V
261	24	Fondazio ne	11-12	1	AS DEFAULT T	0.00	11.40	13.89	89.63	1	0	25577	-	-2	136924	-	5.35	V
					AS DEFAULT T	93.01	11.40	13.89	89.63	1	0	-8049	-	2	-130973	-	16.27	V
					AS DEFAULT T	248.03	11.40	13.89	89.63	1	0	27031	-	-2	136924	-	5.07	V
262	25	Fondazio ne	11-14	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	17466	-	-2	133736	-	7.66	V
					AS DEFAULT T	109.83	9.42	9.42	83.19	1	0	-8517	-	3	-126146	-	14.81	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	23318	-	-2	133736	-	5.74	V
263	26	Fondazio ne	12-15	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	11829	-	-2	133736	-	11.31	V
					AS DEFAULT T	109.83	9.42	9.42	83.19	1	0	-8820	-	3	-126146	-	14.30	V
					AS DEFAULT T	292.88	9.42	12.57	86.33	1	0	10461	-	-2	133736	-	12.78	V



## Relazione di calcolo

264	27	Fondazio ne	14-13	8	AS DEFAUL T_001	0.00	9.42	21.99	111.84	1	0	40050	-	-7	182378	-	4.55	V
					AS DEFAUL T_001	302.46	18.85	6.28	105.56	1	0	-16123	-	0	-174726	-	10.84	V
					AS DEFAUL T_001	604.93	9.42	31.42	121.27	1	0	28365	-	3	205035	-	7.23	V
265	28	Fondazio ne	13-16	8	AS DEFAUL T_001	0.00	9.42	12.57	102.42	1	0	7221	-	-2	159641	-	22.11	V
					AS DEFAUL T_001	113.65	9.42	9.42	99.27	1	0	-5621	-	0	-152045	-	27.05	V
					AS DEFAUL T_001	303.06	9.42	12.57	102.42	1	0	10710	-	-2	159641	-	14.91	V
266	29	Fondazio ne	14-15	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	13675	-	-2	136924	-	10.01	V
					AS DEFAUL T	93.01	11.40	13.89	89.63	1	0	-8322	-	2	-130973	-	15.74	V
					AS DEFAUL T	186.02	11.40	13.89	89.63	1	0	-5203	-	2	-130973	-	25.17	V
267	30	Fondazio ne	14-17	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	-18027	-	0	-126204	-	7.00	V
					AS DEFAUL T	108.02	9.42	9.42	83.19	1	0	-10828	-	3	-126146	-	11.65	V
					AS DEFAUL T	288.06	9.42	12.57	86.33	1	0	23434	-	-2	133736	-	5.71	V
268	31	Fondazio ne	15-18	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	9526	-	-2	133736	-	14.04	V
					AS DEFAUL T	189.41	9.42	9.42	83.19	1	0	-6686	-	3	-126146	-	18.87	V
					AS DEFAUL T	303.06	9.42	12.57	86.33	1	0	21346	-	-2	133736	-	6.27	V
269	32	Fondazio ne	16-17	1	AS DEFAUL T	0.00	9.42	21.99	95.76	1	0	19078	-	5	156438	-	8.20	V
					AS DEFAUL T	221.22	18.85	6.28	89.47	1	0	-14776	-	-4	-148791	-	10.07	V
					AS DEFAUL T	589.93	9.42	31.42	105.18	1	0	36216	-	0	179052	-	4.94	V
270	33	Fondazio ne	16-19	8	AS DEFAUL T_001	0.00	9.42	12.57	102.42	1	0	18791	-	-2	159641	-	8.50	V
					AS DEFAUL T_001	113.65	9.42	9.42	99.27	1	0	-8794	-	0	-152045	-	17.29	V
					AS DEFAUL T_001	303.06	9.42	12.57	102.42	1	0	23973	-	-2	159641	-	6.66	V
271	34	Fondazio ne	17-18	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	21234	-	-2	136924	-	6.45	V
					AS DEFAUL T	145.64	11.40	13.89	89.63	1	0	-8536	-	2	-130973	-	15.34	V
					AS DEFAUL T	233.03	11.40	13.89	89.63	1	0	-19134	-	2	-130973	-	6.85	V
272	35	Fondazio ne	17-20	42	DEF_002 _002	68.27	15.71	25.13	299.33	1	0	-41103	-	6	-441732	-	10.75	V
					DEF_002 _002	136.53	15.71	15.71	289.91	1	0	-98781	-	6	-441268	-	4.47	V
					DEF_002 _002	238.93	15.71	18.85	293.05	1	0	-119435	-	-11	-441435	-	3.70	V
273	40	Fondazio ne	18-21	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	19411	-	-2	133736	-	6.89	V
					AS DEFAUL T	180.04	9.42	9.42	83.19	1	0	-7501	-	3	-126146	-	16.82	V
					AS DEFAUL T	288.06	9.42	12.57	86.33	1	0	12396	-	-2	133736	-	10.79	V
274	41	Fondazio ne	19-20	1	AS DEFAUL T	0.00	9.42	21.99	95.76	1	0	16182	-	5	156438	-	9.67	V
					AS DEFAUL T	294.96	18.85	6.28	89.47	1	0	-13126	-	-4	-148791	-	11.34	V
					AS DEFAUL T	589.93	9.42	31.42	105.18	1	0	29730	-	0	179052	-	6.02	V
275	42	Fondazio ne	19-22	8	AS DEFAUL T_001	0.00	9.42	12.57	102.42	1	0	-15186	-	7	-152095	-	10.02	V

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					AS DEFAUL T_001	109.83	9.42	9.42	99.27	1	0	-10156	-	0	-152045	-	14.97	V
					AS DEFAUL T_001	292.88	9.42	12.57	102.42	1	0	26211	-	-2	159641	-	6.09	V
276	43	Fondazio ne	20-21	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	38692	-	-2	136924	-	3.54	V
					AS DEFAUL T	136.27	11.40	13.89	89.63	1	0	-11474	-	2	-130973	-	11.41	V
					AS DEFAUL T	218.03	11.40	13.89	89.63	1	0	-34935	-	2	-130973	-	3.75	V
277	44	Fondazio ne	20-23	42	DEF_002 _002	32.86	12.06	12.06	298.70	1	0	152456	-	-16	450675	-	2.96	V
					DEF_002 _002	131.44	12.06	12.06	298.70	1	0	181428	-	-16	450675	-	2.48	V
					DEF_002 _002	230.03	12.06	12.06	298.70	1	0	120489	-	-16	450675	-	3.74	V
278	48	Fondazio ne	21-24	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	19767	-	-2	133736	-	6.77	V
					AS DEFAUL T	167.69	9.42	9.42	83.19	1	0	-9061	-	3	-126146	-	13.92	V
					AS DEFAUL T	268.30	9.42	12.57	86.33	1	0	24680	-	-2	133736	-	5.42	V
280	53	Fondazio ne	22-23	1	AS DEFAUL T	0.00	9.42	21.99	95.76	1	0	23270	-	5	156438	-	6.72	V
					AS DEFAUL T	296.16	18.85	6.28	89.47	1	0	-13946	-	-4	-148791	-	10.67	V
					AS DEFAUL T	592.32	9.42	31.42	105.18	1	0	26392	-	0	179052	-	6.78	V
281	54	Fondazio ne	22-25	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	-19263	-	0	-126204	-	6.55	V
					AS DEFAUL T	109.83	9.42	9.42	83.19	1	0	-9422	-	3	-126146	-	13.39	V
					AS DEFAUL T	292.88	9.42	12.57	86.33	1	0	27267	-	-2	133736	-	4.90	V
282	55	Fondazio ne	23-24	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	32992	-	-2	136924	-	4.15	V
					AS DEFAUL T	144.15	11.40	13.89	89.63	1	0	-12614	-	2	-130973	-	10.38	V
					AS DEFAUL T	230.64	11.40	13.89	89.63	1	0	-32052	-	2	-130973	-	4.09	V
283	56	Fondazio ne	23-26	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	16712	-	-2	133736	-	8.00	V
					AS DEFAUL T	173.68	9.42	9.42	83.19	1	0	-8332	-	3	-126146	-	15.14	V
					AS DEFAUL T	277.89	9.42	12.57	86.33	2	0	-11332	-	0	-126204	-	11.14	V
284	57	Fondazio ne	24-27	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	17745	-	-2	133736	-	7.54	V
					AS DEFAUL T	107.80	9.42	9.42	83.19	1	0	-6700	-	3	-126146	-	18.83	V
					AS DEFAUL T	287.46	9.42	12.57	86.33	1	0	13094	-	-2	133736	-	10.21	V
286	59	Fondazio ne	25-26	1	AS DEFAUL T	0.00	9.42	21.99	95.76	1	0	33217	-	5	156438	-	4.71	V
					AS DEFAUL T	302.46	18.85	6.28	89.47	1	0	-14169	-	-4	-148791	-	10.50	V
					AS DEFAUL T	604.93	9.42	31.42	105.18	1	0	26328	-	0	179052	-	6.80	V
287	60	Fondazio ne	25-29	1	AS DEFAUL T	0.00	9.42	12.57	86.33	1	0	-28113	-	0	-126204	-	4.49	V
					AS DEFAUL T	113.65	9.42	9.42	83.19	1	0	-13648	-	3	-126146	-	9.24	V
					AS DEFAUL T	303.06	9.42	12.57	86.33	1	0	39973	-	-2	133736	-	3.35	V
288	61	Fondazio ne	26-27	1	AS DEFAUL T	0.00	11.40	13.89	89.63	1	0	38770	-	-2	136924	-	3.53	V
					AS DEFAUL T	145.64	11.40	13.89	89.63	1	0	-8508	-	2	-130973	-	15.39	V

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					AS DEFAULT T	233.03	11.40	13.89	89.63	1	0	-29515	-	2	-130973	-	4.44	V
289	62	Fondazio ne	26-30	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	-24203	-	0	-126204	-	5.21	V
					AS DEFAULT T	108.02	9.42	9.42	83.19	1	0	-12884	-	3	-126146	-	9.79	V
					AS DEFAULT T	288.06	9.42	12.57	86.33	1	0	29837	-	-2	133736	-	4.48	V
290	63	Fondazio ne	28-27	44	DEF_003 _003	71.88	18.85	12.57	307.88	2	0	206149	-	-4	461019	-	2.24	V
					DEF_003 _003	143.77	18.85	6.28	301.59	1	0	205792	-	1	446008	-	2.17	V
					DEF_003 _003	251.59	9.42	31.42	317.30	1	0	-139476	-	25	-453960	-	3.25	V
291	67	Fondazio ne	27-31	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	-14740	-	0	-126204	-	8.56	V
					AS DEFAULT T	108.02	9.42	9.42	83.19	1	0	-8109	-	3	-126146	-	15.56	V
					AS DEFAULT T	288.06	9.42	12.57	86.33	1	0	24387	-	-2	133736	-	5.48	V
292	68	Fondazio ne	32-28	27	AS DEFAULT T_002_0 01	0.00	12.57	15.71	168.74	1	0	44040	-	0	259311	-	5.89	V
					AS DEFAULT T_002_0 01	164.22	12.57	9.42	162.45	1	0	-14137	-	0	-251663	-	17.80	V
					AS DEFAULT T_002_0 01	262.75	12.57	15.71	168.74	1	0	-27371	-	11	-251901	-	9.20	V
294	73	Fondazio ne	29-30	1	AS DEFAULT T	0.00	9.42	21.99	95.76	1	0	38812	-	5	156438	-	4.03	V
					AS DEFAULT T	294.96	18.85	6.28	89.47	1	0	-18136	-	-4	-148791	-	8.20	V
					AS DEFAULT T	589.93	9.42	31.42	105.18	1	0	27603	-	0	179052	-	6.49	V
295	74	Fondazio ne	29-33	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	14336	-	-2	133736	-	9.33	V
					AS DEFAULT T	108.03	9.42	9.42	83.19	1	0	-8571	-	3	-126146	-	14.72	V
					AS DEFAULT T	288.09	9.42	15.71	89.47	1	0	17543	-	2	141313	-	8.06	V
296	75	Fondazio ne	30-31	1	AS DEFAULT T	0.00	11.40	13.89	89.63	1	0	48402	-	-2	136924	-	2.83	V
					AS DEFAULT T	145.64	11.40	13.89	89.63	1	0	-18021	-	2	-130973	-	7.27	V
					AS DEFAULT T	233.03	11.40	13.89	89.63	1	0	-48443	-	2	-130973	-	2.70	V
297	76	Fondazio ne	30-34	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	14659	-	-2	133736	-	9.12	V
					AS DEFAULT T	173.68	9.42	9.42	83.19	1	0	-8218	-	3	-126146	-	15.35	V
					AS DEFAULT T	243.15	9.42	15.71	89.47	1	0	-9307	-	1	-126255	-	13.57	V
298	77	Fondazio ne	31-32	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	48960	-	-2	133736	-	2.73	V
					AS DEFAULT T	113.45	9.42	6.28	80.05	1	0	-16313	-	0	-126084	-	7.73	V
					AS DEFAULT T	302.52	9.42	12.57	86.33	1	0	54832	-	-2	133736	-	2.44	V
299	78	Fondazio ne	31-35	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	-14497	-	0	-126204	-	8.71	V
					AS DEFAULT T	76.34	9.42	9.42	83.19	1	0	-8844	-	3	-126146	-	14.26	V
					AS DEFAULT T	203.57	9.42	12.57	86.33	1	0	11307	-	-2	133736	-	11.83	V
300	79	Fondazio ne	36-32	27	AS DEFAULT T_002_0 01	0.00	10.05	10.05	172.63	1	0	-34970	-	1	-259777	-	7.43	V
					AS DEFAULT T_002_0 01	89.47	10.05	10.05	172.63	1	0	54844	-	1	259778	-	4.74	V

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					01 AS DEFAULT T_002_0 01	178.93	10.05	10.05	172.63	1	0	43224	-	1	259778	-	6.01	V
301	84	Fondazio ne	33-34	1	AS DEFAULT T	0.00	9.42	21.99	95.76	1	0	44495	-	5	156438	-	3.52	V
					AS DEFAULT T	302.47	18.85	6.28	89.47	1	0	-18209	-	-4	-148791	-	8.17	V
					AS DEFAULT T	604.94	9.42	31.42	105.18	1	0	26600	-	0	179052	-	6.73	V
302	85	Fondazio ne	33-39	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	48458	-	0	141388	-	2.92	V
					AS DEFAULT T	127.13	12.57	9.42	86.33	1	0	-25692	-	-2	-133736	-	5.21	V
					AS DEFAULT T	339.03	12.57	15.71	92.61	1	0	62116	-	0	141388	-	2.28	V
303	86	Fondazio ne	34-35	1	AS DEFAULT T	0.00	11.40	13.89	89.63	1	0	-24468	-	2	-130973	-	5.35	V
					AS DEFAULT T	93.01	11.40	13.89	89.63	1	0	-9485	-	2	-130973	-	13.81	V
					AS DEFAULT T	248.03	11.40	13.89	89.63	1	0	31725	-	-2	136924	-	4.32	V
304	87	Fondazio ne	34-40	1	AS DEFAULT T	0.00	12.57	15.71	92.61	1	0	21956	-	0	141388	-	6.44	V
					AS DEFAULT T	125.34	12.57	9.42	86.33	1	0	-10673	-	-2	-133736	-	12.53	V
					AS DEFAULT T	334.25	12.57	15.71	92.61	1	0	20429	-	0	141388	-	6.92	V
305	88	Fondazio ne	35-36	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	62427	-	-2	133736	-	2.14	V
					AS DEFAULT T	113.45	9.42	6.28	80.05	1	0	-17204	-	0	-126084	-	7.33	V
					AS DEFAULT T	302.52	9.42	12.57	86.33	1	0	58385	-	-2	133736	-	2.29	V
306	89	Fondazio ne	35-37	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	17891	-	-2	133736	-	7.48	V
					AS DEFAULT T	138.48	9.42	9.42	83.19	1	0	-13453	-	3	-126146	-	9.38	V
					AS DEFAULT T	221.56	9.42	12.57	86.33	1	0	-26205	-	0	-126204	-	4.82	V
307	90	Fondazio ne	38-36	27	AS DEFAULT T_002_0 01	0.00	9.42	12.57	162.45	1	0	-32407	-	-3	-244260	-	7.54	V
					AS DEFAULT T_002_0 01	75.59	9.42	9.42	159.31	1	0	-14266	-	6	-244138	-	17.11	V
					AS DEFAULT T_002_0 01	201.56	9.42	12.57	162.45	1	0	24369	-	0	251663	-	10.33	V
308	91	Fondazio ne	37-38	1	AS DEFAULT T	0.00	9.42	12.57	86.33	1	0	58470	-	-2	133736	-	2.29	V
					AS DEFAULT T	113.45	9.42	6.28	80.05	1	0	-16318	-	0	-126084	-	7.73	V
					AS DEFAULT T	302.52	9.42	12.57	86.33	1	0	54840	-	-2	133736	-	2.44	V
309	92	Fondazio ne	37-41	8	AS DEFAULT T_001	0.00	12.57	15.71	108.70	1	0	-47402	-	-7	-159755	-	3.37	V
					AS DEFAULT T_001	32.62	12.57	9.42	102.42	1	0	-22124	-	-2	-159641	-	7.22	V
					AS DEFAULT T_001	86.98	12.57	15.71	108.70	1	0	22740	-	-4	167294	-	7.36	V
310	93	Fondazio ne	42-38	27	AS DEFAULT T_002_0 01	0.00	12.57	15.71	168.74	1	0	10935	-	0	259311	-	23.71	V
					AS DEFAULT T_002_0 01	51.24	12.57	9.42	162.45	1	0	-16097	-	0	-251663	-	15.63	V
					AS DEFAULT T_002_0	81.98	12.57	15.71	168.74	1	0	-29701	-	11	-251901	-	8.48	V



318	110	one	6	25	Ini	3.14	0.00	2.50	2.50	20419	27506	69795	206697	4	15.0	203	3.42	7.51	V
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### 3.1.2.4.5 Verifica a Taglio Travi con Ringrossi in CA - PGA SLV = 0.4254 g.

**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 102.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Cons.	Blocco	Aree ferro		cot $\theta_{XY}$ [°]	cot $\theta_{XZ}$ [°]	Tagli Sollecitanti		Tagli Resistenti		N <sub>br</sub>	D <sub>Staffe</sub> [cm]	L <sub>Tr</sub> [cm]	S <sub>XY</sub>	S <sub>XZ</sub>	Esito
							A <sub>Staffe</sub> [cm²]	A <sub>Sag</sub> [cm²]			V <sub>Sdxy</sub> [daN]	V <sub>SdXZ</sub> [daN]	V <sub>Rdxy</sub> [daN]	V <sub>RdXZ</sub> [daN]						
242	1	Fondazi one	1-2	11	AS DEFAU LT_002	Cons	1.01	0.00	2.50	2.50	415	64511	235811	144940	2	5.84	575	568.9 0	2.25	V
243	2	Fondazi one	1-4	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	239	53973	175230	144940	2	5.84	349	734.2 4	2.69	V
244	3	Fondazi one	2-3	50	DEF_00 3_003	Cons	4.02	0.00	1.70	1.70	106363	102234 3	109046 4	104698 6	2	2.18	218	10.25	1.02	V
245	6	Fondazi one	2-5	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	140	22350	175230	144940	2	5.84	349	1248. 94	6.48	V
247	9	Fondazi one	3-6	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	135	27096	175230	144940	2	5.84	349	1293. 77	5.35	V
249	12	Fondazi one	4-5	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	9	35350	235811	144940	2	5.84	605	-	4.10	V
250	13	Fondazi one	4-7	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	14	22108	175230	144940	2	5.84	293	-	6.56	V
251	14	Fondazi one	5-6	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	43	27304	175230	144940	2	5.84	249	4064. 02	5.31	V
252	15	Fondazi one	5-8	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	26	15242	175230	144940	2	5.84	293	6750. 69	9.51	V
253	16	Fondazi one	6-9	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	38	16015	175230	144940	2	5.84	293	4619. 44	9.05	V
254	17	Fondazi one	7-8	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	32	33073	235811	144940	2	5.84	605	7439. 86	4.38	V
255	18	Fondazi one	7-10	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	53	20362	175230	144940	2	5.84	293	3328. 17	7.12	V
256	19	Fondazi one	8-9	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	68	19163	175230	144940	2	5.84	248	2577. 32	7.56	V
257	20	Fondazi one	8-11	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	35	16935	175230	144940	2	5.84	293	5064. 83	8.56	V
258	21	Fondazi	9-12	1	AS	Cons	1.01	0.00	2.50	2.50	41	17152	175230	144940	2	5.84	293	4311.	8.45	V

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		one			DEFAU LT													79		
259	22	Fondazi one	10-11	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	33	28130	235811	144940	2	5.84	605	7204. 12	5.15	V
260	23	Fondazi one	10-13	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	38	19908	175230	144940	2	5.84	293	4645. 11	7.28	V
261	24	Fondazi one	11-12	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	55	28442	175230	144940	2	5.84	248	3177. 63	5.10	V
262	25	Fondazi one	11-14	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	59	25246	175230	144940	2	5.84	293	2994. 75	5.74	V
263	26	Fondazi one	12-15	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	156	17080	175230	144940	2	5.84	293	1120. 27	8.49	V
264	27	Fondazi one	14-13	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	41	35405	235811	144940	2	5.84	605	5767. 67	4.09	V
265	28	Fondazi one	13-16	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	60	16566	235811	144940	2	5.84	303	3933. 54	8.75	V
266	29	Fondazi one	14-15	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	338	17613	175230	144940	2	5.84	248	518.5 2	8.23	V
267	30	Fondazi one	14-17	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	56	28156	175230	144940	2	5.84	288	3132. 02	5.15	V
268	31	Fondazi one	15-18	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	100	22747	175230	144940	2	5.84	303	1746. 79	6.37	V
269	32	Fondazi one	16-17	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	11	31747	175230	144940	2	5.84	590	-	4.57	V
270	33	Fondazi one	16-19	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	55	25484	235811	144940	2	5.84	303	4303. 19	5.69	V
271	34	Fondazi one	17-18	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	97	26173	175230	144940	2	5.84	233	1802. 11	5.54	V
272	35	Fondazi one	17-20	42	DEF_00 2_002	Cons	2.26	0.00	2.20	2.20	3380	346439	422119	411960	2	3.96	273	124.8 7	1.19	V
273	40	Fondazi one	18-21	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	68	23545	175230	144940	2	5.84	288	2583. 66	6.16	V
274	41	Fondazi one	19-20	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	10	28012	175230	144940	2	5.84	590	-	5.17	V
275	42	Fondazi one	19-22	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	64	30182	235811	144940	2	5.84	293	3685. 86	4.80	V
276	43	Fondazi one	20-21	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	73	42495	175230	144940	2	5.84	218	2401. 37	3.41	V
277	44	Fondazi one	20-23	42	DEF_00 2_002	Cons	2.26	0.00	2.20	2.20	1807	409826	422551	412825	2	3.96	263	233.8 0	1.01	V
278	48	Fondazi one	21-24	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	46	24303	175230	144940	2	5.84	268	3788. 62	5.96	V
280	53	Fondazi one	22-23	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	16	25990	175230	144940	2	5.84	592	-	5.58	V
281	54	Fondazi one	22-25	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	49	27852	175230	144940	2	5.84	293	3610. 97	5.20	V
282	55	Fondazi one	23-24	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	81	37912	175230	144940	2	5.84	231	2168. 84	3.82	V
283	56	Fondazi one	23-26	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	30	22177	175230	144940	2	5.84	278	5872. 95	6.54	V
284	57	Fondazi one	24-27	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	19	19601	175230	144940	2	5.84	287	9048. 16	7.39	V
286	59	Fondazi one	25-26	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	10	30051	175230	144940	2	5.84	605	-	4.82	V
287	60	Fondazi one	25-29	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	44	39389	175230	144940	2	5.84	303	3981. 18	3.68	V
288	61	Fondazi one	26-27	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	12	38293	175230	144940	2	5.84	233	-	3.78	V
289	62	Fondazi one	26-30	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	168	33057	175230	144940	2	5.84	288	1044. 72	4.38	V
290	63	Fondazi one	28-27	44	DEF_00 3_003	Cons	4.02	0.00	1.90	1.90	3123	581801	102840 6	987403	2	2.45	288	329.3 5	1.70	V
291	67	Fondazi one	27-31	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	24	26186	175230	144940	2	5.84	288	7383. 42	5.54	V
292	68	Fondazi one	32-28	27	AS DEFAU LT_002 _001	Cons	1.57	0.00	2.50	2.50	29	50716	267049	164008	2	8.05	263	9322. 77	3.23	V
294	73	Fondazi one	29-30	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	66	37269	175230	144940	2	5.84	590	2661. 84	3.89	V

295	74	Fondazi one	29-33	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	34	25972	175230	144940	2	5.84	288	5200.24	5.58	V
296	75	Fondazi one	30-31	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	255	53215	175230	144940	2	5.84	233	688.48	2.72	V
297	76	Fondazi one	30-34	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	161	22180	175230	144940	2	5.84	278	1088.30	6.53	V
298	77	Fondazi one	31-32	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	13	49442	175230	144940	2	5.84	303	-	2.93	V
299	78	Fondazi one	31-35	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	62	21383	175230	144940	2	5.84	204	2842.16	6.78	V
300	79	Fondazi one	36-32	27	AS DEFAU LT_002_001	Cons	1.57	0.00	2.50	2.50	946	175353	308044	232351	2	5.70	239	325.78	1.33	V
301	84	Fondazi one	33-34	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	17	39771	175230	144940	2	5.84	605	-	3.64	V
302	85	Fondazi one	33-39	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	252	60607	175230	144940	2	5.84	339	694.76	2.39	V
303	86	Fondazi one	34-35	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	67	33067	175230	144940	2	5.84	248	2628.38	4.38	V
304	87	Fondazi one	34-40	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	76	26212	175230	144940	2	5.84	334	2294.69	5.53	V
305	88	Fondazi one	35-36	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	78	51699	175230	144940	2	5.84	303	2246.35	2.80	V
306	89	Fondazi one	35-37	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	53	27904	175230	144940	2	5.84	222	3285.25	5.19	V
307	90	Fondazi one	38-36	27	AS DEFAU LT_002_001	Cons	1.57	0.00	2.50	2.50	24	36544	267049	164008	2	8.05	202	-	4.49	V
308	91	Fondazi one	37-38	1	AS DEFAU LT	Cons	1.01	0.00	2.50	2.50	40	49468	175230	144940	2	5.84	303	4350.57	2.93	V
309	92	Fondazi one	37-41	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	828	85747	235811	144940	2	5.84	87	284.97	1.69	V
310	93	Fondazi one	42-38	27	AS DEFAU LT_002_001	Cons	1.57	0.00	2.50	2.50	246	58099	267049	164008	2	8.05	82	1086.92	2.82	V
311	94	Fondazi one	39-40	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	360	77223	235811	144940	2	5.84	579	655.67	1.88	V
312	95	Fondazi one	40-41	51	DEF_003_003	Cons	8.04	0.00	1.10	1.10	70210	1121428	1241974	1192455	4	2.39	214	17.69	1.06	V
314	100	Fondazi one	41-42	8	AS DEFAU LT_001	Cons	1.01	0.00	2.50	2.50	304	74695	235811	144940	2	5.84	288	776.02	1.94	V

### 3.1.3 Verifica Pareti C.A. - PGA SLV = 0.4254 g.

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  
 $\phi$  : 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 103.I

Parete	Imp.	Fili	Maschio	Dir.	Armatura verticale		Caratteristiche di sollecitazione		Valori Resistenti		S	Esito
					$\phi$ [mm]	Dbarre [cm]	Nsd [daN]	Msd [daNm]	Nrd [daN]	Mrd [daNm]		
1	Piano 1	2, 3	1	X	16	20.0	-11289	114279	-11289	213926	1.9	V
				Y			-11289	831	-11283	15267	18.4	V
2	Piano 1	46, 2	1	X	16	20.0	0	-9924	0	-39877	4.0	V
				Y			0	-2872	-1	-11204	3.9	V
3	Piano 1	45, 3	1	X	16	20.0	0	-11256	1	-39872	3.5	V
				Y			0	2640	-1	11204	4.2	V
4	Piano 1	17, 20	1	X	20	10.0	-10913	2064	-10912	3693	1.8	V
				Y			-10913	-1726	-10913	-9308	5.4	V
			2	X	20	10.0	0	40956	0	239503	5.8	V
				Y			0	-6099	-5	-61691	10.1	V
5	Piano 1	20, 23	1	X	12	20.0	0	-74506	0	-183083	2.5	V
				Y			0	-4570	-1	-17875	3.9	V
6	Piano 1	21, 43	1	X	16	20.0	0	132100	0	307980	2.3	V
				Y			0	914	-16	17936	19.6	V
9	Piano 1	36, 32	1	X	12	20.0	-14042	12115	-14042	27467	2.3	V
				Y			-14042	-2828	-14042	-8352	3.0	V
			2	X	12	20.0	-10584	10068	-10583	19953	2.0	V
				Y			-10584	-2366	-10585	-6851	2.9	V
10	Piano 1	40, 41	1	X	20	15.0	-41065	161029	-41066	420364	2.6	V
				Y			-41065	-2837	-41057	-50096	17.7	V
11	Piano 1	40, 48	1	X	16	20.0	0	24408	0	74779	3.1	V
				Y			0	-3135	0	-14997	4.8	V
12	Piano 1	41, 47	1	X	16	20.0	0	33722	0	96095	2.8	V
				Y			0	-3212	-3	-16893	5.3	V
13	Piano 1	43, 44	1	X	16	20.0	0	-107722	-1	-447112	4.2	V
				Y			0	-5219	8	-35785	6.9	V
14	Piano 1	46, 45	1	X	16	20.0	0	100182	-1	286778	2.9	V
				Y			0	-479	6	-28324	59.2	V
15	Piano 1	47, 48	1	X	16	20.0	0	-66736	0	-271704	4.1	V
				Y			0	598	16	16823	28.1	V
16	Piano 2	2, 3	1	X	16	20.0	-9871	93293	-9871	223477	2.4	V
				Y			-9871	666	-9863	25663	38.5	V
17	Piano 2	46, 2	1	X	16	20.0	0	-1998	0	-36666	18.4	V
				Y			0	748	2	10574	14.1	V
18	Piano 2	3, 45	1	X	16	20.0	0	2397	1	39872	16.6	V
				Y			0	630	-1	11204	17.8	V
19	Piano 2	17, 20	1	X	20	10.0	0	1534	-1	2974	1.9	V
				Y			0	-164	1	-5260	32.1	V
			2	X	20	10.0	-15255	22234	-15256	260744	11.7	V
				Y			-15255	-753	-15247	-46278	61.5	V
20	Piano 2	20, 23	1	X	12	20.0	-9104	-54614	-9104	-200405	3.7	V
				Y			-9104	-1159	-9105	-19046	16.4	V
21	Piano 2	21, 43	1	X	12	20.0	0	114148	1	188882	1.7	V
				Y			0	-401	2	-17907	44.6	V
23	Piano 2	36, 32	1	X	12	20.0	-27359	67758	-27359	201025	3.0	V
				Y			-27359	-8559	-27362	-20203	2.4	V

24	Piano 2	40, 41	1	X	24	15.0	0	-21161	1	-48680	2.3	V
				Y			0	-1427	1	-35751	25.0	V
			2	X	24	15.0	0	25039	0	52549	2.1	V
				Y			0	-1510	0	-35840	23.7	V
25	Piano 2	40, 48	1	X	16	20.0	0	7655	0	74779	9.8	V
				Y			0	2487	0	14997	6.0	V
26	Piano 2	41, 47	1	X	16	20.0	0	10935	0	96095	8.8	V
				Y			0	-2766	-3	-16893	6.1	V
27	Piano 2	43, 44	1	X	12	20.0	0	-75474	0	-262125	3.5	V
				Y			0	-1471	2	-21244	14.4	V
28	Piano 2	45, 46	1	X	16	20.0	0	-91093	-1	-286778	3.1	V
				Y			0	397	6	28323	71.3	V
29	Piano 2	47, 48	1	X	20	15.0	0	-69383	0	-504821	7.3	V
				Y			0	449	13	29477	65.6	V
30	Piano 3	2, 3	1	X	16	20.0	-3447	29838	-3447	217649	7.3	V
				Y			-3447	401	-3448	24930	62.2	V
31	Piano 3	46, 2	1	X	16	20.0	-797	-1268	-797	-40181	31.7	V
				Y			-797	-592	-799	-11294	19.1	V
32	Piano 3	3, 45	1	X	16	20.0	0	1877	1	39872	21.2	V
				Y			0	233	-1	11204	48.0	V
33	Piano 3	17, 20	1	X	20	10.0	0	1745	-1	2974	1.7	V
				Y			0	-695	1	-5260	7.6	V
			2	X	20	10.0	0	-23598	0	-255424	10.8	V
				Y			0	553	0	44765	80.9	V
34	Piano 3	20, 23	1	X	12	20.0	-1314	-5439	-1315	-190735	35.1	V
				Y			-1314	-4497	-1318	-18073	4.0	V
35	Piano 3	21, 43	1	X	22	15.0	-2163	35875	-2164	708048	19.7	V
				Y			-2163	-412	-2167	-66662	161.7	V
37	Piano 3	36, 32	1	X	12	20.0	-17294	-10296	-17294	-207581	20.2	V
				Y			-17294	8565	-17287	20045	2.3	V
38	Piano 3	40, 41	1	X	30	15.0	0	13861	-1	69748	5.0	V
				Y			0	1418	-6	53110	37.5	V
			2	X	30	15.0	0	-15062	0	-75022	5.0	V
				Y			0	1677	-3	53242	31.7	V
39	Piano 3	40, 48	1	X	16	20.0	0	10057	0	74779	7.4	V
				Y			0	-1316	0	-14997	11.4	V
40	Piano 3	41, 47	1	X	16	20.0	0	14503	0	96095	6.6	V
				Y			0	1371	-3	16893	12.3	V
41	Piano 3	43, 44	1	X	12	20.0	0	-8006	-1	-31449	3.9	V
				Y			0	-403	1	-7772	19.3	V
			2	X	12	20.0	0	7042	1	32374	4.6	V
				Y			0	850	1	7785	9.2	V
42	Piano 3	45, 46	1	X	16	20.0	0	-22420	-1	-286778	12.8	V
				Y			0	176	6	28323	160.7	V
43	Piano 3	47, 48	1	X	12	20.0	-3506	-20132	-3506	-170232	8.5	V
				Y			-3506	653	-3502	17226	26.4	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;



					Y	2	6	64827	1931.52	0.00059	0.01336	22.71	V
13	Piano 1	43, 44	1	Testa	X	1	7	3310	7714.29	0.00010	0.00058	5.53	V
					Y	1	5	99038	423.72	0.00057	0.01456	25.72	V
				Piede	X	2	11	192838	102491.21	0.00029	0.00161	5.54	V
					Y	2	5	142208	2526.14	0.00057	0.01347	23.80	V
14	Piano 1	46, 45	1	Testa	X	1	1	11333	62431.26	0.00018	0.00253	14.13	V
					Y	1	3	14379	236.60	0.00150	0.01706	11.41	V
				Piede	X	2	16	-34538	25889.60	0.00007	0.00075	10.01	V
					Y	2	3	20742	386.96	0.00150	0.01681	11.24	V
15	Piano 1	47, 48	1	Testa	X	1	5	-44289	-4816.24	0.00010	0.00114	11.04	V
					Y	1	4	3262	238.86	0.00028	0.00184	6.69	V
				Piede	X	2	1	-47377	-4965.65	0.00010	0.00059	5.75	V
					Y	2	8	21	62.34	0.00092	0.00172	1.86	V
16	Piano 2	2, 3	1	Testa	X	1	10	-22712	-18112.30	0.00002	0.00280	145.62	V
					Y	1	3	-16524	145.30	0.00214	0.01854	8.66	V
				Piede	X	2	9	-32871	-22650.94	0.00002	0.00141	85.66	V
					Y	2	3	-9871	640.41	0.00214	0.01822	8.51	V
17	Piano 2	46, 2	1	Testa	X	1	12	8998	-571.98	0.00023	0.00089	3.93	V
					Y	1	1	16941	430.98	0.00085	0.01396	16.48	V
				Piede	X	2	6	30719	1125.12	0.00034	0.00243	7.10	V
					Y	2	13	10208	299.64	0.00029	0.00167	5.69	V
18	Piano 2	3, 45	1	Testa	X	1	6	27149	2333.43	0.00023	0.00306	13.13	V
					Y	1	2	-23869	-97.78	0.00075	0.00916	12.25	V
				Piede	X	2	3	42801	2192.27	0.00022	0.00308	13.78	V
					Y	2	1	74921	572.43	0.00076	0.00947	12.51	V
19	Piano 2	17, 20	1	Testa	X	1	1	16337	1534.29	0.00009	0.00937	105.52	V
					Y	1	3	15715	2.33	0.00084	0.00745	8.90	V
				Piede	X	2	6	-7178	1166.81	0.00012	0.01062	88.37	V
					Y	2	8	-6460	111.78	0.00083	0.01051	12.64	V
			2	Testa	X	1	3	-19797	21872.58	0.00003	0.00069	23.36	V
					Y	1	1	-15646	389.79	0.00084	0.01084	12.95	V
				Piede	X	2	8	-550	12103.58	0.00006	0.00105	16.57	V
					Y	2	8	-550	103.38	0.00083	0.00875	10.51	V
20	Piano 2	20, 23	1	Testa	X	1	8	-21971	15966.56	0.00003	0.00214	77.93	V
					Y	1	6	-17266	546.27	0.00083	0.02216	26.75	V
				Piede	X	2	6	-9104	49231.42	0.00003	0.00365	110.36	V
					Y	2	6	-9104	678.27	0.00083	0.02158	26.05	V
21	Piano 2	21, 43	1	Testa	X	1	5	-5904	11296.14	0.00007	0.00223	32.51	V
					Y	1	14	-16588	204.84	0.00161	0.02210	13.72	V
				Piede	X	2	2	24833	-7521.57	0.00005	0.00174	35.00	V
					Y	2	14	-7054	-26.66	0.00161	0.02143	13.30	V
23	Piano 2	36, 32	1	Testa	X	1	2	-39665	12318.81	0.00004	0.00356	79.23	V
					Y	1	4	-30659	4121.09	0.00076	0.02340	30.83	V
				Piede	X	2	1	-46174	58999.58	0.00005	0.00405	88.87	V
					Y	2	4	-33822	3763.63	0.00076	0.02365	31.16	V
24	Piano 2	40, 41	1	Testa	X	1	11	63601	13148.25	0.00008	0.00366	47.96	V
					Y	1	9	81934	1114.98	0.00232	0.00586	2.52	V
				Piede	X	2	14	17007	16310.27	0.00011	0.00365	34.32	V
					Y	2	16	20373	237.25	0.00234	0.00914	3.91	V
			2	Testa	X	1	9	63328	17349.33	0.00007	0.00340	48.64	V
					Y	1	9	63328	1405.15	0.00232	0.00657	2.83	V
				Piede	X	2	16	25412	25039.41	0.00004	0.00447	105.26	V
					Y	2	16	25412	831.81	0.00234	0.00907	3.87	V
25	Piano 2	40, 48	1	Testa	X	1	11	16387	5977.11	0.00017	0.00372	21.32	V
					Y	1	6	5823	766.15	0.00084	0.01685	20.06	V
				Piede	X	2	11	102047	7655.09	0.00017	0.00258	14.80	V
					Y	2	6	46871	1338.85	0.00084	0.01405	16.72	V
26	Piano 2	41, 47	1	Testa	X	1	7	-20603	642.23	0.00007	0.00065	9.89	V
					Y	1	6	-34699	-908.48	0.00079	0.01021	12.99	V
				Piede	X	2	9	45711	1666.56	0.00014	0.00241	17.18	V

					Y	2	15	-106500	-1940.23	0.00016	0.00081	5.01	V
27	Piano 2	43, 44	1	Testa	X	1	5	-24160	-40616.52	0.00011	0.00056	4.95	V
					Y	1	3	-2790	-385.69	0.00075	0.01418	19.03	V
				Piede	X	2	11	123210	44130.42	0.00014	0.00201	14.36	V
					Y	2	2	-50731	509.03	0.00069	0.00691	10.04	V
28	Piano 2	45, 46	1	Testa	X	1	7	-1970	12268.98	0.00011	0.00266	24.11	V
					Y	1	6	1588	352.22	0.00220	0.01773	8.08	V
				Piede	X	2	7	5725	41172.04	0.00011	0.00260	23.52	V
					Y	2	6	9411	373.92	0.00220	0.01741	7.93	V
29	Piano 2	47, 48	1	Testa	X	1	1	-28378	-12309.23	0.00006	0.00103	16.26	V
					Y	1	16	-3905	359.26	0.00243	0.00643	2.65	V
				Piede	X	2	14	-29593	-55951.61	0.00006	0.00091	14.91	V
					Y	2	9	6514	421.07	0.00241	0.01394	5.79	V
30	Piano 3	2, 3	1	Testa	X	1	12	-9638	-3660.10	0.00001	0.00291	409.63	V
					Y	1	3	3403	-70.01	0.00220	0.01760	7.99	V
				Piede	X	2	12	-25588	-26467.81	0.00001	0.00060	85.17	V
					Y	2	3	-3447	400.90	0.00220	0.01792	8.13	V
31	Piano 3	46, 2	1	Testa	X	1	13	-897	-6.92	0.00004	0.00433	118.16	V
					Y	1	6	-3152	-591.91	0.00077	0.01130	14.73	V
				Piede	X	2	12	16164	1669.15	0.00003	0.00317	108.85	V
					Y	2	6	13496	357.38	0.00077	0.01198	15.61	V
32	Piano 3	3, 45	1	Testa	X	1	6	1947	406.91	0.00005	0.00530	116.35	V
					Y	1	3	-3993	-22.66	0.00075	0.01745	23.41	V
				Piede	X	2	6	16772	1876.81	0.00005	0.00466	102.21	V
					Y	2	5	18317	220.41	0.00071	0.01525	21.54	V
33	Piano 3	17, 20	1	Testa	X	1	8	-18056	-1162.95	0.00005	0.01483	316.07	V
					Y	1	1	15267	-52.73	0.00078	0.00749	9.64	V
				Piede	X	2	16	-4405	206.06	0.00003	0.00227	83.54	V
					Y	2	6	4053	122.49	0.00079	0.00897	11.42	V
			2	Testa	X	1	15	-19417	-4124.01	0.00002	0.00245	136.44	V
					Y	1	3	3223	-366.94	0.00079	0.00937	11.85	V
				Piede	X	2	7	9640	17323.82	0.00001	0.00070	47.12	V
					Y	2	8	9283	213.05	0.00077	0.00938	12.14	V
34	Piano 3	20, 23	1	Testa	X	1	3	-20049	-3757.48	0.00002	0.00249	123.00	V
					Y	1	8	-1314	1393.18	0.00077	0.00098	1.27	V
				Piede	X	2	14	-40473	-10826.04	0.00002	0.00071	40.89	V
					Y	2	6	-16996	591.89	0.00078	0.02081	26.71	V
35	Piano 3	21, 43	1	Testa	X	1	6	-2381	5528.59	0.00001	0.00184	151.84	V
					Y	1	13	-6597	-190.06	0.00153	0.00159	1.04	V
				Piede	X	2	6	-6060	10153.03	0.00001	0.00185	152.45	V
					Y	2	11	-17434	-60.95	0.00144	0.01172	8.14	V
37	Piano 3	36, 32	1	Testa	X	1	8	-20380	8132.34	0.00000	0.00057	237.64	V
					Y	1	4	-22399	-3415.80	0.00071	0.01477	20.86	V
				Piede	X	2	6	-36565	-8743.00	0.00001	0.00058	93.58	V
					Y	2	5	-36637	-669.08	0.00070	0.01648	23.69	V
38	Piano 3	40, 41	1	Testa	X	1	10	26788	10262.94	0.00001	0.00120	102.96	V
					Y	1	2	-7319	-654.57	0.00130	0.00141	1.09	V
				Piede	X	2	14	11279	7765.85	0.00003	0.00112	34.84	V
					Y	2	6	-13350	-36.08	0.00048	0.00133	2.76	V
			2	Testa	X	1	1	12515	7749.69	0.00002	0.00521	221.35	V
					Y	1	4	-7958	1163.99	0.00034	0.00133	3.87	V
				Piede	X	2	1	-12428	806.26	0.00002	0.00567	240.97	V
					Y	2	16	16515	28.99	0.00202	0.00728	3.61	V
39	Piano 3	40, 48	1	Testa	X	1	3	-6517	3649.98	0.00001	0.00271	202.53	V
					Y	1	8	-14983	-769.00	0.00079	0.01236	15.72	V
				Piede	X	2	2	-31694	-3203.08	0.00001	0.00213	157.43	V
					Y	2	4	-19337	130.75	0.00075	0.00121	1.60	V
40	Piano 3	41, 47	1	Testa	X	1	14	5661	14502.56	0.00002	0.00323	197.46	V
					Y	1	8	-9304	-39.70	0.00072	0.00120	1.67	V
				Piede	X	2	14	-30981	-10013.31	0.00002	0.00270	165.16	V

					Y	2	1	-15921	-64.83	0.00070	0.01087	15.53	V
<b>41</b>	Pian o 3	43, 44	1	Testa	X	1	15	5098	1084.51	0.00010	0.00589	58.31	V
					Y	1	4	-2912	3.20	0.00072	0.02042	28.53	V
				Piede	X	2	15	47847	7078.90	0.00010	0.00374	37.02	V
					Y	2	7	31532	142.64	0.00065	0.01555	24.07	V
			2	Testa	X	1	4	-8121	-433.96	0.00010	0.00487	51.18	V
					Y	1	5	2582	-388.56	0.00069	0.00096	1.39	V
				Piede	X	2	5	32526	5286.57	0.00010	0.00157	15.36	V
					Y	2	5	32526	56.00	0.00069	0.01552	22.44	V
<b>42</b>	Pian o 3	45, 46	1	Testa	X	1	7	-399	897.47	0.00002	0.00265	161.97	V
					Y	1	3	-2663	-71.77	0.00228	0.01790	7.84	V
				Piede	X	2	7	-2451	5349.38	0.00002	0.00267	163.06	V
					Y	2	6	275	176.26	0.00225	0.01778	7.91	V
<b>43</b>	Pian o 3	47, 48	1	Testa	X	1	2	2005	2094.96	0.00001	0.00126	103.48	V
					Y	1	1	2334	88.90	0.00153	0.00648	4.22	V
				Piede	X	2	4	-19621	-6269.08	0.00001	0.00281	193.65	V
					Y	2	16	-7160	652.81	0.00208	0.02147	10.32	V

**- Verifica Pareti Generiche -**

**Verifica tensione massima del calcestruzzo ( $\sigma_c$ ) 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;

$\sigma_c$  : tensione massima del calcestruzzo  
 $f_{cd}$  : resistenza massima di calcolo del calcestruzzo  
 Esito  $\sigma_c$  : Esito verifica tens. max cls : V = VERIFICATA;  
 : NV = NON VERIFICATA;  
 $\tau_{xy}$  : tensione tangenziale di taglio  
 $\tau_{xy,calc}$  : tensione tangenziale di taglio di calcolo  
 $\tau_{xy,lim}$  : tensione tangenziale di taglio limite  
 Esito  $\tau_{xy}$  : 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 104.I

Pare te	Imp.	Fili	Sp.	$\sigma_c$ [daN /cm <sup>2</sup> ]	$f_{cd}$ [daN /cm <sup>2</sup> ]	Esito $\sigma_c$	$\tau_{xy,calc}$ [daN /cm <sup>2</sup> ]	$\tau_{xy,lim}$ [daN /cm <sup>2</sup> ]	Esito $\tau_{xy}$
<b>7</b>	Pian o 1	28, 27	30.0	57.72	141.6 7	V	0.00	0.00	V
<b>8</b>	Pian o 1	44, 28	30.0	50.23	141.6 7	V	0.00	0.00	V
<b>22</b>	Pian o 2	44, 28	30.0	33.47	141.6 7	V	0.00	0.00	V
<b>36</b>	Pian o 3	28, 44	30.0	33.94	141.6 7	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 104.II

Parete	Imp.	Fili	Armatura verticale								Armatura orizzontale							
			$f_{d,v}$ [daN/c m <sup>2</sup> ]	Rich.	Min.	Diam. [cm]	Int. [cm]	Disp.	$f_{d,v,eff.}$ [daN/c m <sup>2</sup> ]	Max prescr.	$f_{d,o}$ [daN/c m <sup>2</sup> ]	Rich.	Min.	Diam. [cm]	Int. [cm]	Disp.	$f_{d,o,eff.}$ [daN/c m <sup>2</sup> ]	Max prescr.
7	Piano 1	28,27	25.48	0.86%	0.86%	16	20.0	1.29%	17.01	50.00 %	43.61	1.47%	1.47%	16	20.0	1.33%	48.39	50.00 %
8	Piano 1	44,28	31.28	1.06%	1.06%	16	20.0	1.29%	25.64	50.00 %	41.07	1.39%	1.39%	16	20.0	1.30%	43.74	50.00 %
22	Piano 2	44,28	32.50	1.10%	1.10%	12	20.0	0.73%	49.19	50.00 %	17.64	0.60%	0.60%	12	20.0	0.73%	14.34	50.00 %
36	Piano 3	28,44	30.36	1.03%	1.03%	12	20.0	0.73%	42.93	50.00 %	11.34	0.38%	0.38%	12	20.0	0.73%	5.93	50.00 %

### 3.2 Verifica Stati Limite DL - PGA DL = 0.4244 g.

#### 3.2.1 Cinematismi Nodali SLD.

Tabella 105.I

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
1	CC1	0.0000	0.0000	-0.1881	0.00E+0	0.00E+0	-4.98E-6
	CC2	0.0000	0.0000	-0.1839	0.00E+0	0.00E+0	-4.76E-6
	CC3	0.0000	0.0000	-0.2767	0.00E+0	0.00E+0	-4.92E-6
	CC4	0.0000	0.0000	-0.2725	0.00E+0	0.00E+0	-4.71E-6
	CC5	0.0000	0.0000	0.0860	0.00E+0	0.00E+0	4.79E-6
	CC6	0.0000	0.0000	0.0903	0.00E+0	0.00E+0	5.01E-6
	CC7	0.0000	0.0000	-0.0026	0.00E+0	0.00E+0	4.85E-6
	CC8	0.0000	0.0000	0.0017	0.00E+0	0.00E+0	5.06E-6
	CC9	0.0000	0.0000	0.0068	0.00E+0	0.00E+0	-1.86E-6
	CC10	0.0000	0.0000	0.0197	0.00E+0	0.00E+0	-1.19E-6
	CC11	0.0000	0.0000	0.0891	0.00E+0	0.00E+0	1.08E-6
	CC12	0.0000	0.0000	0.1019	0.00E+0	0.00E+0	1.74E-6
	CC13	0.0000	0.0000	-0.2884	0.00E+0	0.00E+0	-1.66E-6
	CC14	0.0000	0.0000	-0.2755	0.00E+0	0.00E+0	-9.95E-7
	CC15	0.0000	0.0000	-0.2062	0.00E+0	0.00E+0	1.27E-6
2	CC16	0.0000	0.0000	-0.1933	0.00E+0	0.00E+0	1.94E-6
	CC1	0.0000	0.0000	-0.0523	0.00E+0	0.00E+0	-2.00E-6
	CC2	0.0000	0.0000	-0.0535	0.00E+0	0.00E+0	-1.91E-6
	CC3	0.0000	0.0000	-0.0389	0.00E+0	0.00E+0	-2.71E-6
	CC4	0.0000	0.0000	-0.0400	0.00E+0	0.00E+0	-2.62E-6
	CC5	0.0000	0.0000	-0.1243	0.00E+0	0.00E+0	2.62E-6
	CC6	0.0000	0.0000	-0.1254	0.00E+0	0.00E+0	2.71E-6
	CC7	0.0000	0.0000	-0.1108	0.00E+0	0.00E+0	1.91E-6
	CC8	0.0000	0.0000	-0.1120	0.00E+0	0.00E+0	2.00E-6
	CC9	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	3.64E-7
	CC10	0.0000	0.0000	-0.0955	0.00E+0	0.00E+0	6.36E-7
	CC11	0.0000	0.0000	-0.1135	0.00E+0	0.00E+0	1.75E-6
	CC12	0.0000	0.0000	-0.1171	0.00E+0	0.00E+0	2.02E-6
	CC13	0.0000	0.0000	-0.0472	0.00E+0	0.00E+0	-2.02E-6
	CC14	0.0000	0.0000	-0.0508	0.00E+0	0.00E+0	-1.75E-6
3	CC15	0.0000	0.0000	-0.0688	0.00E+0	0.00E+0	-6.33E-7
	CC16	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	-3.61E-7
	CC1	0.0000	0.0000	-0.0207	0.00E+0	0.00E+0	-1.97E-6
	CC2	0.0000	0.0000	-0.0237	0.00E+0	0.00E+0	-1.88E-6
	CC3	0.0000	0.0000	0.0133	0.00E+0	0.00E+0	-2.67E-6
	CC4	0.0000	0.0000	0.0104	0.00E+0	0.00E+0	-2.58E-6
	CC5	0.0000	0.0000	-0.1745	0.00E+0	0.00E+0	2.59E-6
	CC6	0.0000	0.0000	-0.1775	0.00E+0	0.00E+0	2.68E-6
	CC7	0.0000	0.0000	-0.1405	0.00E+0	0.00E+0	1.89E-6
	CC8	0.0000	0.0000	-0.1435	0.00E+0	0.00E+0	1.98E-6
	CC9	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	3.48E-7
	CC10	0.0000	0.0000	-0.1202	0.00E+0	0.00E+0	6.18E-7

	CC11	0.0000	0.0000	-0.1573	0.00E+0	0.00E+0	1.72E-6
	CC12	0.0000	0.0000	-0.1664	0.00E+0	0.00E+0	1.99E-6
	CC13	0.0000	0.0000	0.0022	0.00E+0	0.00E+0	-1.98E-6
	CC14	0.0000	0.0000	-0.0068	0.00E+0	0.00E+0	-1.71E-6
	CC15	0.0000	0.0000	-0.0439	0.00E+0	0.00E+0	-6.09E-7
	CC16	0.0000	0.0000	-0.0530	0.00E+0	0.00E+0	-3.40E-7
4	CC1	0.0000	0.0000	-0.1127	0.00E+0	0.00E+0	2.47E-7
	CC2	0.0000	0.0000	-0.1115	0.00E+0	0.00E+0	2.35E-7
	CC3	0.0000	0.0000	-0.1382	0.00E+0	0.00E+0	2.42E-7
	CC4	0.0000	0.0000	-0.1370	0.00E+0	0.00E+0	2.30E-7
	CC5	0.0000	0.0000	-0.0271	0.00E+0	0.00E+0	-2.52E-7
	CC6	0.0000	0.0000	-0.0259	0.00E+0	0.00E+0	-2.64E-7
	CC7	0.0000	0.0000	-0.0527	0.00E+0	0.00E+0	-2.58E-7
	CC8	0.0000	0.0000	-0.0515	0.00E+0	0.00E+0	-2.69E-7
	CC9	0.0000	0.0000	-0.0542	0.00E+0	0.00E+0	8.97E-8
	CC10	0.0000	0.0000	-0.0505	0.00E+0	0.00E+0	5.51E-8
	CC11	0.0000	0.0000	-0.0285	0.00E+0	0.00E+0	-6.00E-8
	CC12	0.0000	0.0000	-0.0249	0.00E+0	0.00E+0	-9.47E-8
	CC13	0.0000	0.0000	-0.1393	0.00E+0	0.00E+0	7.24E-8
	CC14	0.0000	0.0000	-0.1357	0.00E+0	0.00E+0	3.77E-8
	CC15	0.0000	0.0000	-0.1136	0.00E+0	0.00E+0	-7.74E-8
	CC16	0.0000	0.0000	-0.1100	0.00E+0	0.00E+0	-1.12E-7
5	CC1	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	-1.71E-7
	CC2	0.0000	0.0000	-0.0925	0.00E+0	0.00E+0	-1.64E-7
	CC3	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	-1.16E-7
	CC4	0.0000	0.0000	-0.0876	0.00E+0	0.00E+0	-1.09E-7
	CC5	0.0000	0.0000	-0.0705	0.00E+0	0.00E+0	1.16E-7
	CC6	0.0000	0.0000	-0.0703	0.00E+0	0.00E+0	1.23E-7
	CC7	0.0000	0.0000	-0.0656	0.00E+0	0.00E+0	1.71E-7
	CC8	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	1.78E-7
	CC9	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	-1.42E-7
	CC10	0.0000	0.0000	-0.0902	0.00E+0	0.00E+0	-1.21E-7
	CC11	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	-5.63E-8
	CC12	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	-3.46E-8
	CC13	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	4.16E-8
	CC14	0.0000	0.0000	-0.0740	0.00E+0	0.00E+0	6.33E-8
	CC15	0.0000	0.0000	-0.0679	0.00E+0	0.00E+0	1.28E-7
	CC16	0.0000	0.0000	-0.0674	0.00E+0	0.00E+0	1.49E-7
6	CC1	0.0000	0.0000	-0.0620	0.00E+0	0.00E+0	-1.56E-7
	CC2	0.0000	0.0000	-0.0627	0.00E+0	0.00E+0	-1.50E-7
	CC3	0.0000	0.0000	-0.0483	0.00E+0	0.00E+0	-5.60E-8
	CC4	0.0000	0.0000	-0.0491	0.00E+0	0.00E+0	-5.01E-8
	CC5	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	5.63E-8
	CC6	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	6.22E-8
	CC7	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	1.57E-7
	CC8	0.0000	0.0000	-0.0959	0.00E+0	0.00E+0	1.62E-7
	CC9	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-2.05E-7
	CC10	0.0000	0.0000	-0.0958	0.00E+0	0.00E+0	-1.87E-7
	CC11	0.0000	0.0000	-0.1075	0.00E+0	0.00E+0	-1.41E-7
	CC12	0.0000	0.0000	-0.1099	0.00E+0	0.00E+0	-1.23E-7
	CC13	0.0000	0.0000	-0.0480	0.00E+0	0.00E+0	1.29E-7
	CC14	0.0000	0.0000	-0.0504	0.00E+0	0.00E+0	1.47E-7
	CC15	0.0000	0.0000	-0.0621	0.00E+0	0.00E+0	1.93E-7
	CC16	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	2.11E-7
7	CC1	0.0000	0.0000	-0.0892	0.00E+0	0.00E+0	-4.15E-7
	CC2	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-3.98E-7
	CC3	0.0000	0.0000	-0.1119	0.00E+0	0.00E+0	-4.01E-7
	CC4	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	-3.84E-7
	CC5	0.0000	0.0000	-0.0485	0.00E+0	0.00E+0	3.75E-7
	CC6	0.0000	0.0000	-0.0479	0.00E+0	0.00E+0	3.93E-7
	CC7	0.0000	0.0000	-0.0711	0.00E+0	0.00E+0	3.89E-7
	CC8	0.0000	0.0000	-0.0706	0.00E+0	0.00E+0	4.07E-7
	CC9	0.0000	0.0000	-0.0491	0.00E+0	0.00E+0	-1.73E-7
	CC10	0.0000	0.0000	-0.0475	0.00E+0	0.00E+0	-1.19E-7
	CC11	0.0000	0.0000	-0.0369	0.00E+0	0.00E+0	6.40E-8
	CC12	0.0000	0.0000	-0.0353	0.00E+0	0.00E+0	1.18E-7
	CC13	0.0000	0.0000	-0.1245	0.00E+0	0.00E+0	-1.26E-7
	CC14	0.0000	0.0000	-0.1229	0.00E+0	0.00E+0	-7.23E-8
	CC15	0.0000	0.0000	-0.1123	0.00E+0	0.00E+0	1.11E-7
	CC16	0.0000	0.0000	-0.1107	0.00E+0	0.00E+0	1.65E-7
8	CC1	0.0000	0.0000	-0.0736	0.00E+0	0.00E+0	-1.78E-7
	CC2	0.0000	0.0000	-0.0737	0.00E+0	0.00E+0	-1.70E-7



	CC3	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	-1.72E-7
	CC4	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	-1.64E-7
	CC5	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	1.74E-7
	CC6	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	1.82E-7
	CC7	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	1.80E-7
	CC8	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	1.88E-7
	CC9	0.0000	0.0000	-0.0795	0.00E+0	0.00E+0	-6.93E-8
	CC10	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	-4.54E-8
	CC11	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	3.64E-8
	CC12	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	6.02E-8
	CC13	0.0000	0.0000	-0.0749	0.00E+0	0.00E+0	-5.02E-8
	CC14	0.0000	0.0000	-0.0752	0.00E+0	0.00E+0	-2.63E-8
	CC15	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	5.55E-8
	CC16	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	7.93E-8
<b>9</b>	CC1	0.0000	0.0000	-0.0678	0.00E+0	0.00E+0	-3.91E-7
	CC2	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-3.74E-7
	CC3	0.0000	0.0000	-0.0591	0.00E+0	0.00E+0	-4.25E-7
	CC4	0.0000	0.0000	-0.0595	0.00E+0	0.00E+0	-4.08E-7
	CC5	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	4.08E-7
	CC6	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	4.25E-7
	CC7	0.0000	0.0000	-0.0902	0.00E+0	0.00E+0	3.74E-7
	CC8	0.0000	0.0000	-0.0907	0.00E+0	0.00E+0	3.91E-7
	CC9	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	-8.88E-8
	CC10	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	-3.71E-8
	CC11	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	1.51E-7
	CC12	0.0000	0.0000	-0.0992	0.00E+0	0.00E+0	2.03E-7
	CC13	0.0000	0.0000	-0.0593	0.00E+0	0.00E+0	-2.03E-7
	CC14	0.0000	0.0000	-0.0607	0.00E+0	0.00E+0	-1.51E-7
	CC15	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	3.71E-8
	CC16	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	8.88E-8
<b>10</b>	CC1	0.0000	0.0000	-0.0598	0.00E+0	0.00E+0	-3.26E-7
	CC2	0.0000	0.0000	-0.0595	0.00E+0	0.00E+0	-3.12E-7
	CC3	0.0000	0.0000	-0.0710	0.00E+0	0.00E+0	-3.27E-7
	CC4	0.0000	0.0000	-0.0707	0.00E+0	0.00E+0	-3.14E-7
	CC5	0.0000	0.0000	-0.0870	0.00E+0	0.00E+0	3.04E-7
	CC6	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	3.17E-7
	CC7	0.0000	0.0000	-0.0982	0.00E+0	0.00E+0	3.02E-7
	CC8	0.0000	0.0000	-0.0979	0.00E+0	0.00E+0	3.16E-7
	CC9	0.0000	0.0000	-0.0566	0.00E+0	0.00E+0	-1.18E-7
	CC10	0.0000	0.0000	-0.0556	0.00E+0	0.00E+0	-7.64E-8
	CC11	0.0000	0.0000	-0.0647	0.00E+0	0.00E+0	7.05E-8
	CC12	0.0000	0.0000	-0.0638	0.00E+0	0.00E+0	1.12E-7
	CC13	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	-1.22E-7
	CC14	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	-8.04E-8
	CC15	0.0000	0.0000	-0.1020	0.00E+0	0.00E+0	6.64E-8
	CC16	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	1.08E-7
<b>11</b>	CC1	0.0000	0.0000	-0.0582	0.00E+0	0.00E+0	-2.43E-7
	CC2	0.0000	0.0000	-0.0582	0.00E+0	0.00E+0	-2.31E-7
	CC3	0.0000	0.0000	-0.0660	0.00E+0	0.00E+0	-2.99E-7
	CC4	0.0000	0.0000	-0.0660	0.00E+0	0.00E+0	-2.88E-7
	CC5	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	2.94E-7
	CC6	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	3.06E-7
	CC7	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	2.38E-7
	CC8	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	2.50E-7
	CC9	0.0000	0.0000	-0.0617	0.00E+0	0.00E+0	-6.63E-1
	CC10	0.0000	0.0000	-0.0618	0.00E+0	0.00E+0	3.34E-8
	CC11	0.0000	0.0000	-0.0726	0.00E+0	0.00E+0	1.60E-7
	CC12	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	1.94E-7
	CC13	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	-1.88E-7
	CC14	0.0000	0.0000	-0.0879	0.00E+0	0.00E+0	-1.54E-7
	CC15	0.0000	0.0000	-0.0987	0.00E+0	0.00E+0	-2.65E-8
	CC16	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	7.54E-9
<b>12</b>	CC1	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	-3.14E-7
	CC2	0.0000	0.0000	-0.0635	0.00E+0	0.00E+0	-3.07E-7
	CC3	0.0000	0.0000	-0.0460	0.00E+0	0.00E+0	-1.42E-7
	CC4	0.0000	0.0000	-0.0466	0.00E+0	0.00E+0	-1.35E-7
	CC5	0.0000	0.0000	-0.1145	0.00E+0	0.00E+0	1.40E-7
	CC6	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	1.47E-7
	CC7	0.0000	0.0000	-0.0975	0.00E+0	0.00E+0	3.12E-7
	CC8	0.0000	0.0000	-0.0981	0.00E+0	0.00E+0	3.19E-7
	CC9	0.0000	0.0000	-0.1001	0.00E+0	0.00E+0	-3.63E-7
	CC10	0.0000	0.0000	-0.1018	0.00E+0	0.00E+0	-3.42E-7

	CC11	0.0000	0.0000	-0.1155	0.00E+0	0.00E+0	-2.27E-7
	CC12	0.0000	0.0000	-0.1173	0.00E+0	0.00E+0	-2.06E-7
	CC13	0.0000	0.0000	-0.0437	0.00E+0	0.00E+0	2.10E-7
	CC14	0.0000	0.0000	-0.0455	0.00E+0	0.00E+0	2.31E-7
	CC15	0.0000	0.0000	-0.0592	0.00E+0	0.00E+0	3.46E-7
	CC16	0.0000	0.0000	-0.0609	0.00E+0	0.00E+0	3.67E-7
<b>13</b>	CC1	0.0000	0.0000	-0.0617	0.00E+0	0.00E+0	-2.32E-7
	CC2	0.0000	0.0000	-0.0616	0.00E+0	0.00E+0	-2.23E-7
	CC3	0.0000	0.0000	-0.0784	0.00E+0	0.00E+0	-2.11E-7
	CC4	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	-2.02E-7
	CC5	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	2.01E-7
	CC6	0.0000	0.0000	-0.0765	0.00E+0	0.00E+0	2.10E-7
	CC7	0.0000	0.0000	-0.0934	0.00E+0	0.00E+0	2.21E-7
	CC8	0.0000	0.0000	-0.0933	0.00E+0	0.00E+0	2.30E-7
	CC9	0.0000	0.0000	-0.0476	0.00E+0	0.00E+0	-1.14E-7
	CC10	0.0000	0.0000	-0.0471	0.00E+0	0.00E+0	-8.66E-8
	CC11	0.0000	0.0000	-0.0521	0.00E+0	0.00E+0	1.57E-8
	CC12	0.0000	0.0000	-0.0516	0.00E+0	0.00E+0	4.32E-8
	CC13	0.0000	0.0000	-0.1033	0.00E+0	0.00E+0	-4.49E-8
	CC14	0.0000	0.0000	-0.1029	0.00E+0	0.00E+0	-1.74E-8
	CC15	0.0000	0.0000	-0.1078	0.00E+0	0.00E+0	8.49E-8
	CC16	0.0000	0.0000	-0.1074	0.00E+0	0.00E+0	1.12E-7
<b>14</b>	CC1	0.0000	0.0000	-0.0219	0.00E+0	0.00E+0	8.45E-7
	CC2	0.0000	0.0000	-0.0222	0.00E+0	0.00E+0	8.53E-7
	CC3	0.0000	0.0000	-0.0313	0.00E+0	0.00E+0	7.67E-7
	CC4	0.0000	0.0000	-0.0316	0.00E+0	0.00E+0	7.75E-7
	CC5	0.0000	0.0000	-0.1327	0.00E+0	0.00E+0	-7.66E-7
	CC6	0.0000	0.0000	-0.1330	0.00E+0	0.00E+0	-7.57E-7
	CC7	0.0000	0.0000	-0.1421	0.00E+0	0.00E+0	-8.44E-7
	CC8	0.0000	0.0000	-0.1425	0.00E+0	0.00E+0	-8.36E-7
	CC9	0.0000	0.0000	-0.0493	0.00E+0	0.00E+0	3.64E-7
	CC10	0.0000	0.0000	-0.0504	0.00E+0	0.00E+0	3.89E-7
	CC11	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-1.19E-7
	CC12	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	-9.39E-8
	CC13	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	1.03E-7
	CC14	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	1.29E-7
	CC15	0.0000	0.0000	-0.1140	0.00E+0	0.00E+0	-3.80E-7
	CC16	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	-3.55E-7
<b>15</b>	CC1	0.0007	-0.0001	-0.0427	9.31E-5	7.70E-5	1.29E-6
	CC2	0.0007	-0.0001	-0.0431	9.39E-5	7.81E-5	1.31E-6
	CC3	0.0007	-0.0003	-0.0340	3.07E-5	3.11E-5	1.20E-6
	CC4	0.0007	-0.0003	-0.0344	3.14E-5	3.22E-5	1.21E-6
	CC5	-0.0007	0.0003	-0.1314	-9.85E-6	-5.20E-5	-1.21E-6
	CC6	-0.0007	0.0003	-0.1318	-9.12E-6	-5.10E-5	-1.19E-6
	CC7	-0.0007	0.0001	-0.1227	-7.23E-5	-9.80E-5	-1.31E-6
	CC8	-0.0007	0.0001	-0.1231	-7.15E-5	-9.69E-5	-1.29E-6
	CC9	0.0003	0.0002	-0.0835	1.29E-4	8.44E-5	5.19E-7
	CC10	0.0003	0.0002	-0.0848	1.31E-4	8.77E-5	5.59E-7
	CC11	-0.0001	0.0003	-0.1101	9.83E-5	4.57E-5	-2.31E-7
	CC12	-0.0001	0.0003	-0.1114	1.00E-4	4.89E-5	-1.91E-7
	CC13	0.0001	-0.0003	-0.0544	-7.89E-5	-6.88E-5	1.91E-7
	CC14	0.0001	-0.0003	-0.0557	-7.67E-5	-6.55E-5	2.32E-7
	CC15	-0.0003	-0.0002	-0.0810	-1.10E-4	-1.08E-4	-5.59E-7
	CC16	-0.0003	-0.0002	-0.0823	-1.08E-4	-1.04E-4	-5.19E-7
<b>16</b>	CC1	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	-1.77E-7
	CC2	0.0000	0.0000	-0.0651	0.00E+0	0.00E+0	-1.69E-7
	CC3	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	-1.79E-7
	CC4	0.0000	0.0000	-0.0810	0.00E+0	0.00E+0	-1.71E-7
	CC5	0.0000	0.0000	-0.0762	0.00E+0	0.00E+0	1.71E-7
	CC6	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	1.79E-7
	CC7	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	1.69E-7
	CC8	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	1.77E-7
	CC9	0.0000	0.0000	-0.0505	0.00E+0	0.00E+0	-6.05E-8
	CC10	0.0000	0.0000	-0.0503	0.00E+0	0.00E+0	-3.75E-8
	CC11	0.0000	0.0000	-0.0538	0.00E+0	0.00E+0	4.38E-8
	CC12	0.0000	0.0000	-0.0536	0.00E+0	0.00E+0	6.69E-8
	CC13	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	-6.67E-8
	CC14	0.0000	0.0000	-0.1034	0.00E+0	0.00E+0	-4.37E-8
	CC15	0.0000	0.0000	-0.1069	0.00E+0	0.00E+0	3.77E-8
	CC16	0.0000	0.0000	-0.1067	0.00E+0	0.00E+0	6.07E-8
<b>17</b>	CC1	0.0000	0.0000	-0.0168	0.00E+0	0.00E+0	-3.12E-7
	CC2	0.0000	0.0000	-0.0171	0.00E+0	0.00E+0	-2.99E-7

	CC3	0.0000	0.0000	-0.0308	0.00E+0	0.00E+0	-2.35E-7
	CC4	0.0000	0.0000	-0.0311	0.00E+0	0.00E+0	-2.22E-7
	CC5	0.0000	0.0000	-0.1573	0.00E+0	0.00E+0	2.29E-7
	CC6	0.0000	0.0000	-0.1575	0.00E+0	0.00E+0	2.42E-7
	CC7	0.0000	0.0000	-0.1713	0.00E+0	0.00E+0	3.06E-7
	CC8	0.0000	0.0000	-0.1715	0.00E+0	0.00E+0	3.19E-7
	CC9	0.0000	0.0000	-0.0494	0.00E+0	0.00E+0	-2.25E-7
	CC10	0.0000	0.0000	-0.0502	0.00E+0	0.00E+0	-1.86E-7
	CC11	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	-6.28E-8
	CC12	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	-2.33E-8
	CC13	0.0000	0.0000	-0.0961	0.00E+0	0.00E+0	3.03E-8
	CC14	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	6.98E-8
	CC15	0.0000	0.0000	-0.1382	0.00E+0	0.00E+0	1.93E-7
	CC16	0.0000	0.0000	-0.1390	0.00E+0	0.00E+0	2.32E-7
18	CC1	0.0000	0.0000	-0.0072	0.00E+0	0.00E+0	-4.55E-7
	CC2	0.0000	0.0000	-0.0072	0.00E+0	0.00E+0	-4.34E-7
	CC3	0.0000	0.0000	-0.0189	0.00E+0	0.00E+0	-6.26E-7
	CC4	0.0000	0.0000	-0.0189	0.00E+0	0.00E+0	-6.05E-7
	CC5	0.0000	0.0000	-0.1554	0.00E+0	0.00E+0	6.14E-7
	CC6	0.0000	0.0000	-0.1554	0.00E+0	0.00E+0	6.35E-7
	CC7	0.0000	0.0000	-0.1672	0.00E+0	0.00E+0	4.42E-7
	CC8	0.0000	0.0000	-0.1672	0.00E+0	0.00E+0	4.63E-7
	CC9	0.0000	0.0000	-0.0454	0.00E+0	0.00E+0	9.81E-8
	CC10	0.0000	0.0000	-0.0454	0.00E+0	0.00E+0	1.62E-7
	CC11	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	4.19E-7
	CC12	0.0000	0.0000	-0.0898	0.00E+0	0.00E+0	4.82E-7
	CC13	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.74E-7
	CC14	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-4.10E-7
	CC15	0.0000	0.0000	-0.1290	0.00E+0	0.00E+0	-1.53E-7
	CC16	0.0000	0.0000	-0.1290	0.00E+0	0.00E+0	-8.97E-8
19	CC1	0.0000	0.0000	-0.0693	0.00E+0	0.00E+0	-1.72E-7
	CC2	0.0000	0.0000	-0.0693	0.00E+0	0.00E+0	-1.65E-7
	CC3	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	-1.61E-7
	CC4	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-1.54E-7
	CC5	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.50E-7
	CC6	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	1.58E-7
	CC7	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	1.61E-7
	CC8	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	1.69E-7
	CC9	0.0000	0.0000	-0.0597	0.00E+0	0.00E+0	-7.97E-8
	CC10	0.0000	0.0000	-0.0596	0.00E+0	0.00E+0	-5.76E-8
	CC11	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	1.71E-8
	CC12	0.0000	0.0000	-0.0628	0.00E+0	0.00E+0	3.92E-8
	CC13	0.0000	0.0000	-0.0980	0.00E+0	0.00E+0	-4.30E-8
	CC14	0.0000	0.0000	-0.0979	0.00E+0	0.00E+0	-2.08E-8
	CC15	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	5.38E-8
	CC16	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	7.60E-8
20	CC1	0.0000	0.0000	-0.0477	0.00E+0	0.00E+0	-2.11E-7
	CC2	0.0000	0.0000	-0.0476	0.00E+0	0.00E+0	-2.01E-7
	CC3	0.0000	0.0000	-0.0617	0.00E+0	0.00E+0	-2.67E-7
	CC4	0.0000	0.0000	-0.0615	0.00E+0	0.00E+0	-2.57E-7
	CC5	0.0000	0.0000	-0.1276	0.00E+0	0.00E+0	2.57E-7
	CC6	0.0000	0.0000	-0.1274	0.00E+0	0.00E+0	2.67E-7
	CC7	0.0000	0.0000	-0.1415	0.00E+0	0.00E+0	2.01E-7
	CC8	0.0000	0.0000	-0.1414	0.00E+0	0.00E+0	2.10E-7
	CC9	0.0000	0.0000	-0.0596	0.00E+0	0.00E+0	8.44E-9
	CC10	0.0000	0.0000	-0.0591	0.00E+0	0.00E+0	3.78E-8
	CC11	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	1.49E-7
	CC12	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	1.78E-7
	CC13	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	-1.78E-7
	CC14	0.0000	0.0000	-0.1055	0.00E+0	0.00E+0	-1.49E-7
	CC15	0.0000	0.0000	-0.1300	0.00E+0	0.00E+0	-3.82E-8
	CC16	0.0000	0.0000	-0.1295	0.00E+0	0.00E+0	-8.77E-9
21	CC1	0.0000	0.0000	-0.0331	0.00E+0	0.00E+0	-3.50E-7
	CC2	0.0000	0.0000	-0.0321	0.00E+0	0.00E+0	-3.34E-7
	CC3	0.0000	0.0000	-0.0279	0.00E+0	0.00E+0	-3.86E-7
	CC4	0.0000	0.0000	-0.0270	0.00E+0	0.00E+0	-3.70E-7
	CC5	0.0000	0.0000	-0.1441	0.00E+0	0.00E+0	3.78E-7
	CC6	0.0000	0.0000	-0.1432	0.00E+0	0.00E+0	3.93E-7
	CC7	0.0000	0.0000	-0.1390	0.00E+0	0.00E+0	3.42E-7
	CC8	0.0000	0.0000	-0.1381	0.00E+0	0.00E+0	3.57E-7
	CC9	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	-6.90E-8
	CC10	0.0000	0.0000	-0.0760	0.00E+0	0.00E+0	-2.20E-8

	CC11	0.0000	0.0000	-0.1122	0.00E+0	0.00E+0	1.49E-7
	CC12	0.0000	0.0000	-0.1094	0.00E+0	0.00E+0	1.96E-7
	CC13	0.0000	0.0000	-0.0618	0.00E+0	0.00E+0	-1.89E-7
	CC14	0.0000	0.0000	-0.0589	0.00E+0	0.00E+0	-1.42E-7
	CC15	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	2.94E-8
	CC16	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	7.64E-8
22	CC1	0.0000	0.0000	-0.0693	0.00E+0	0.00E+0	-2.12E-7
	CC2	0.0000	0.0000	-0.0693	0.00E+0	0.00E+0	-2.03E-7
	CC3	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	-2.02E-7
	CC4	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	-1.93E-7
	CC5	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	1.90E-7
	CC6	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	1.99E-7
	CC7	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	2.00E-7
	CC8	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	2.09E-7
	CC9	0.0000	0.0000	-0.0464	0.00E+0	0.00E+0	-9.22E-8
	CC10	0.0000	0.0000	-0.0463	0.00E+0	0.00E+0	-6.48E-8
	CC11	0.0000	0.0000	-0.0492	0.00E+0	0.00E+0	2.85E-8
	CC12	0.0000	0.0000	-0.0492	0.00E+0	0.00E+0	5.59E-8
	CC13	0.0000	0.0000	-0.1213	0.00E+0	0.00E+0	-5.90E-8
	CC14	0.0000	0.0000	-0.1212	0.00E+0	0.00E+0	-3.16E-8
	CC15	0.0000	0.0000	-0.1241	0.00E+0	0.00E+0	6.18E-8
	CC16	0.0000	0.0000	-0.1240	0.00E+0	0.00E+0	8.92E-8
23	CC1	0.0000	0.0000	-0.1145	0.00E+0	0.00E+0	-4.13E-7
	CC2	0.0000	0.0000	-0.1137	0.00E+0	0.00E+0	-3.95E-7
	CC3	0.0000	0.0000	-0.1279	0.00E+0	0.00E+0	-4.75E-7
	CC4	0.0000	0.0000	-0.1270	0.00E+0	0.00E+0	-4.57E-7
	CC5	0.0000	0.0000	-0.0617	0.00E+0	0.00E+0	4.47E-7
	CC6	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	4.65E-7
	CC7	0.0000	0.0000	-0.0750	0.00E+0	0.00E+0	3.86E-7
	CC8	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	4.04E-7
	CC9	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	-5.90E-8
	CC10	0.0000	0.0000	-0.0787	0.00E+0	0.00E+0	-3.67E-9
	CC11	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	1.99E-7
	CC12	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	2.55E-7
	CC13	0.0000	0.0000	-0.1258	0.00E+0	0.00E+0	-2.64E-7
	CC14	0.0000	0.0000	-0.1232	0.00E+0	0.00E+0	-2.09E-7
	CC15	0.0000	0.0000	-0.1100	0.00E+0	0.00E+0	-5.94E-9
	CC16	0.0000	0.0000	-0.1074	0.00E+0	0.00E+0	4.94E-8
24	CC1	0.0000	0.0000	-0.0666	0.00E+0	0.00E+0	-2.33E-7
	CC2	0.0000	0.0000	-0.0659	0.00E+0	0.00E+0	-2.22E-7
	CC3	0.0000	0.0000	-0.0689	0.00E+0	0.00E+0	-2.39E-7
	CC4	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-2.29E-7
	CC5	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	2.26E-7
	CC6	0.0000	0.0000	-0.1042	0.00E+0	0.00E+0	2.36E-7
	CC7	0.0000	0.0000	-0.1072	0.00E+0	0.00E+0	2.20E-7
	CC8	0.0000	0.0000	-0.1065	0.00E+0	0.00E+0	2.30E-7
	CC9	0.0000	0.0000	-0.0778	0.00E+0	0.00E+0	-7.48E-8
	CC10	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-4.41E-8
	CC11	0.0000	0.0000	-0.0893	0.00E+0	0.00E+0	6.28E-8
	CC12	0.0000	0.0000	-0.0874	0.00E+0	0.00E+0	9.35E-8
	CC13	0.0000	0.0000	-0.0857	0.00E+0	0.00E+0	-9.63E-8
	CC14	0.0000	0.0000	-0.0838	0.00E+0	0.00E+0	-6.56E-8
	CC15	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	4.13E-8
	CC16	0.0000	0.0000	-0.0953	0.00E+0	0.00E+0	7.20E-8
25	CC1	0.0000	0.0000	-0.0676	0.00E+0	0.00E+0	-4.70E-7
	CC2	0.0000	0.0000	-0.0677	0.00E+0	0.00E+0	-4.51E-7
	CC3	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	-4.32E-7
	CC4	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	-4.13E-7
	CC5	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	3.96E-7
	CC6	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	4.16E-7
	CC7	0.0000	0.0000	-0.1224	0.00E+0	0.00E+0	4.34E-7
	CC8	0.0000	0.0000	-0.1225	0.00E+0	0.00E+0	4.53E-7
	CC9	0.0000	0.0000	-0.0420	0.00E+0	0.00E+0	-2.31E-7
	CC10	0.0000	0.0000	-0.0424	0.00E+0	0.00E+0	-1.72E-7
	CC11	0.0000	0.0000	-0.0496	0.00E+0	0.00E+0	2.93E-8
	CC12	0.0000	0.0000	-0.0500	0.00E+0	0.00E+0	8.81E-8
	CC13	0.0000	0.0000	-0.1401	0.00E+0	0.00E+0	-1.05E-7
	CC14	0.0000	0.0000	-0.1405	0.00E+0	0.00E+0	-4.61E-8
	CC15	0.0000	0.0000	-0.1477	0.00E+0	0.00E+0	1.55E-7
	CC16	0.0000	0.0000	-0.1481	0.00E+0	0.00E+0	2.14E-7
26	CC1	0.0000	0.0000	-0.1174	0.00E+0	0.00E+0	7.37E-8
	CC2	0.0000	0.0000	-0.1173	0.00E+0	0.00E+0	7.08E-8

	CC3	0.0000	0.0000	-0.1229	0.00E+0	0.00E+0	4.93E-8
	CC4	0.0000	0.0000	-0.1227	0.00E+0	0.00E+0	4.64E-8
	CC5	0.0000	0.0000	-0.0591	0.00E+0	0.00E+0	-3.96E-8
	CC6	0.0000	0.0000	-0.0590	0.00E+0	0.00E+0	-4.24E-8
	CC7	0.0000	0.0000	-0.0646	0.00E+0	0.00E+0	-6.40E-8
	CC8	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	-6.69E-8
	CC9	0.0000	0.0000	-0.0909	0.00E+0	0.00E+0	6.55E-8
	CC10	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	5.67E-8
	CC11	0.0000	0.0000	-0.0734	0.00E+0	0.00E+0	3.15E-8
	CC12	0.0000	0.0000	-0.0728	0.00E+0	0.00E+0	2.28E-8
	CC13	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	-1.59E-8
	CC14	0.0000	0.0000	-0.1085	0.00E+0	0.00E+0	-2.47E-8
	CC15	0.0000	0.0000	-0.0916	0.00E+0	0.00E+0	-4.99E-8
	CC16	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	-5.86E-8
27	CC1	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	-2.43E-8
	CC2	0.0000	0.0000	-0.1058	0.00E+0	0.00E+0	-2.30E-8
	CC3	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	-5.52E-8
	CC4	0.0000	0.0000	-0.0900	0.00E+0	0.00E+0	-5.38E-8
	CC5	0.0000	0.0000	-0.0811	0.00E+0	0.00E+0	5.59E-8
	CC6	0.0000	0.0000	-0.0810	0.00E+0	0.00E+0	5.73E-8
	CC7	0.0000	0.0000	-0.0653	0.00E+0	0.00E+0	2.51E-8
	CC8	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	2.65E-8
	CC9	0.0000	0.0000	-0.1157	0.00E+0	0.00E+0	3.83E-8
	CC10	0.0000	0.0000	-0.1155	0.00E+0	0.00E+0	4.25E-8
	CC11	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	6.24E-8
	CC12	0.0000	0.0000	-0.1081	0.00E+0	0.00E+0	6.66E-8
	CC13	0.0000	0.0000	-0.0630	0.00E+0	0.00E+0	-6.44E-8
	CC14	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	-6.02E-8
	CC15	0.0000	0.0000	-0.0556	0.00E+0	0.00E+0	-4.03E-8
	CC16	0.0000	0.0000	-0.0554	0.00E+0	0.00E+0	-3.61E-8
28	CC1	0.0000	0.0000	-0.1110	0.00E+0	0.00E+0	-3.91E-8
	CC2	0.0000	0.0000	-0.1107	0.00E+0	0.00E+0	-3.77E-8
	CC3	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-9.09E-9
	CC4	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	-7.69E-9
	CC5	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	7.50E-9
	CC6	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	8.89E-9
	CC7	0.0000	0.0000	-0.0599	0.00E+0	0.00E+0	3.75E-8
	CC8	0.0000	0.0000	-0.0596	0.00E+0	0.00E+0	3.89E-8
	CC9	0.0000	0.0000	-0.1426	0.00E+0	0.00E+0	-5.93E-8
	CC10	0.0000	0.0000	-0.1415	0.00E+0	0.00E+0	-5.51E-8
	CC11	0.0000	0.0000	-0.1370	0.00E+0	0.00E+0	-4.53E-8
	CC12	0.0000	0.0000	-0.1359	0.00E+0	0.00E+0	-4.11E-8
	CC13	0.0000	0.0000	-0.0347	0.00E+0	0.00E+0	4.09E-8
	CC14	0.0000	0.0000	-0.0336	0.00E+0	0.00E+0	4.51E-8
	CC15	0.0000	0.0000	-0.0291	0.00E+0	0.00E+0	5.49E-8
	CC16	0.0000	0.0000	-0.0280	0.00E+0	0.00E+0	5.91E-8
29	CC1	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	-1.13E-7
	CC2	0.0000	0.0000	-0.1089	0.00E+0	0.00E+0	-1.06E-7
	CC3	0.0000	0.0000	-0.1591	0.00E+0	0.00E+0	-2.20E-7
	CC4	0.0000	0.0000	-0.1599	0.00E+0	0.00E+0	-2.13E-7
	CC5	0.0000	0.0000	-0.0461	0.00E+0	0.00E+0	2.41E-7
	CC6	0.0000	0.0000	-0.0468	0.00E+0	0.00E+0	2.47E-7
	CC7	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	1.34E-7
	CC8	0.0000	0.0000	-0.0978	0.00E+0	0.00E+0	1.40E-7
	CC9	0.0000	0.0000	-0.0262	0.00E+0	0.00E+0	1.29E-7
	CC10	0.0000	0.0000	-0.0286	0.00E+0	0.00E+0	1.48E-7
	CC11	0.0000	0.0000	-0.0076	0.00E+0	0.00E+0	2.35E-7
	CC12	0.0000	0.0000	-0.0100	0.00E+0	0.00E+0	2.54E-7
	CC13	0.0000	0.0000	-0.1960	0.00E+0	0.00E+0	-2.27E-7
	CC14	0.0000	0.0000	-0.1983	0.00E+0	0.00E+0	-2.08E-7
	CC15	0.0000	0.0000	-0.1773	0.00E+0	0.00E+0	-1.21E-7
	CC16	0.0000	0.0000	-0.1797	0.00E+0	0.00E+0	-1.02E-7
30	CC1	0.0000	0.0000	-0.1208	0.00E+0	0.00E+0	-2.57E-6
	CC2	0.0000	0.0000	-0.1214	0.00E+0	0.00E+0	-2.46E-6
	CC3	0.0000	0.0000	-0.1428	0.00E+0	0.00E+0	-2.25E-6
	CC4	0.0000	0.0000	-0.1434	0.00E+0	0.00E+0	-2.14E-6
	CC5	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	2.16E-6
	CC6	0.0000	0.0000	-0.0657	0.00E+0	0.00E+0	2.27E-6
	CC7	0.0000	0.0000	-0.0872	0.00E+0	0.00E+0	2.48E-6
	CC8	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	2.59E-6
	CC9	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	-1.40E-6
	CC10	0.0000	0.0000	-0.0768	0.00E+0	0.00E+0	-1.07E-6

	CC11	0.0000	0.0000	-0.0584	0.00E+0	0.00E+0	1.73E-8
	CC12	0.0000	0.0000	-0.0601	0.00E+0	0.00E+0	3.49E-7
	CC13	0.0000	0.0000	-0.1485	0.00E+0	0.00E+0	-3.29E-7
	CC14	0.0000	0.0000	-0.1502	0.00E+0	0.00E+0	3.22E-9
	CC15	0.0000	0.0000	-0.1318	0.00E+0	0.00E+0	1.09E-6
	CC16	0.0000	0.0000	-0.1335	0.00E+0	0.00E+0	1.42E-6
31	CC1	0.0000	0.0000	-0.1296	0.00E+0	0.00E+0	2.81E-7
	CC2	0.0000	0.0000	-0.1294	0.00E+0	0.00E+0	2.70E-7
	CC3	0.0000	0.0000	-0.1173	0.00E+0	0.00E+0	1.43E-7
	CC4	0.0000	0.0000	-0.1171	0.00E+0	0.00E+0	1.32E-7
	CC5	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	-1.37E-7
	CC6	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	-1.49E-7
	CC7	0.0000	0.0000	-0.0640	0.00E+0	0.00E+0	-2.75E-7
	CC8	0.0000	0.0000	-0.0638	0.00E+0	0.00E+0	-2.86E-7
	CC9	0.0000	0.0000	-0.1255	0.00E+0	0.00E+0	3.06E-7
	CC10	0.0000	0.0000	-0.1250	0.00E+0	0.00E+0	2.73E-7
	CC11	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	1.81E-7
	CC12	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	1.47E-7
	CC13	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-1.53E-7
	CC14	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-1.86E-7
	CC15	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	-2.78E-7
	CC16	0.0000	0.0000	-0.0679	0.00E+0	0.00E+0	-3.12E-7
32	CC1	0.0000	0.0000	-0.1751	0.00E+0	0.00E+0	-1.90E-7
	CC2	0.0000	0.0000	-0.1736	0.00E+0	0.00E+0	-1.82E-7
	CC3	0.0000	0.0000	-0.1123	0.00E+0	0.00E+0	-1.39E-7
	CC4	0.0000	0.0000	-0.1108	0.00E+0	0.00E+0	-1.32E-7
	CC5	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	1.34E-7
	CC6	0.0000	0.0000	-0.0827	0.00E+0	0.00E+0	1.42E-7
	CC7	0.0000	0.0000	-0.0214	0.00E+0	0.00E+0	1.85E-7
	CC8	0.0000	0.0000	-0.0199	0.00E+0	0.00E+0	1.93E-7
	CC9	0.0000	0.0000	-0.2182	0.00E+0	0.00E+0	-1.44E-7
	CC10	0.0000	0.0000	-0.2135	0.00E+0	0.00E+0	-1.20E-7
	CC11	0.0000	0.0000	-0.1909	0.00E+0	0.00E+0	-4.67E-8
	CC12	0.0000	0.0000	-0.1863	0.00E+0	0.00E+0	-2.27E-8
	CC13	0.0000	0.0000	-0.0088	0.00E+0	0.00E+0	2.55E-8
	CC14	0.0000	0.0000	-0.0042	0.00E+0	0.00E+0	4.95E-8
	CC15	0.0000	0.0000	0.0185	0.00E+0	0.00E+0	1.23E-7
	CC16	0.0000	0.0000	0.0231	0.00E+0	0.00E+0	1.47E-7
33	CC1	0.0000	0.0000	-0.1136	0.00E+0	0.00E+0	3.07E-7
	CC2	0.0000	0.0000	-0.1149	0.00E+0	0.00E+0	2.93E-7
	CC3	0.0000	0.0000	-0.1717	0.00E+0	0.00E+0	1.86E-7
	CC4	0.0000	0.0000	-0.1729	0.00E+0	0.00E+0	1.72E-7
	CC5	0.0000	0.0000	-0.0342	0.00E+0	0.00E+0	-2.33E-7
	CC6	0.0000	0.0000	-0.0355	0.00E+0	0.00E+0	-2.47E-7
	CC7	0.0000	0.0000	-0.0922	0.00E+0	0.00E+0	-3.55E-7
	CC8	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	-3.69E-7
	CC9	0.0000	0.0000	-0.0168	0.00E+0	0.00E+0	2.74E-7
	CC10	0.0000	0.0000	-0.0207	0.00E+0	0.00E+0	2.32E-7
	CC11	0.0000	0.0000	0.0070	0.00E+0	0.00E+0	1.11E-7
	CC12	0.0000	0.0000	0.0031	0.00E+0	0.00E+0	6.96E-8
	CC13	0.0000	0.0000	-0.2103	0.00E+0	0.00E+0	-1.31E-7
	CC14	0.0000	0.0000	-0.2142	0.00E+0	0.00E+0	-1.73E-7
	CC15	0.0000	0.0000	-0.1864	0.00E+0	0.00E+0	-2.93E-7
	CC16	0.0000	0.0000	-0.1903	0.00E+0	0.00E+0	-3.35E-7
34	CC1	0.0000	0.0000	-0.1138	0.00E+0	0.00E+0	3.16E-7
	CC2	0.0000	0.0000	-0.1146	0.00E+0	0.00E+0	3.03E-7
	CC3	0.0000	0.0000	-0.1319	0.00E+0	0.00E+0	1.68E-7
	CC4	0.0000	0.0000	-0.1327	0.00E+0	0.00E+0	1.55E-7
	CC5	0.0000	0.0000	-0.0635	0.00E+0	0.00E+0	-1.46E-7
	CC6	0.0000	0.0000	-0.0643	0.00E+0	0.00E+0	-1.58E-7
	CC7	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-2.93E-7
	CC8	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-3.06E-7
	CC9	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	3.40E-7
	CC10	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	3.02E-7
	CC11	0.0000	0.0000	-0.0591	0.00E+0	0.00E+0	2.01E-7
	CC12	0.0000	0.0000	-0.0617	0.00E+0	0.00E+0	1.63E-7
	CC13	0.0000	0.0000	-0.1346	0.00E+0	0.00E+0	-1.53E-7
	CC14	0.0000	0.0000	-0.1371	0.00E+0	0.00E+0	-1.91E-7
	CC15	0.0000	0.0000	-0.1195	0.00E+0	0.00E+0	-2.92E-7
	CC16	0.0000	0.0000	-0.1221	0.00E+0	0.00E+0	-3.30E-7
35	CC1	0.0000	0.0000	-0.1321	0.00E+0	0.00E+0	-9.24E-7
	CC2	0.0000	0.0000	-0.1323	0.00E+0	0.00E+0	-8.85E-7

	CC3	0.0000	0.0000	-0.1287	0.00E+0	0.00E+0	-7.69E-7
	CC4	0.0000	0.0000	-0.1289	0.00E+0	0.00E+0	-7.30E-7
	CC5	0.0000	0.0000	-0.0719	0.00E+0	0.00E+0	7.26E-7
	CC6	0.0000	0.0000	-0.0721	0.00E+0	0.00E+0	7.65E-7
	CC7	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	8.81E-7
	CC8	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	9.20E-7
	CC9	0.0000	0.0000	-0.1148	0.00E+0	0.00E+0	-5.67E-7
	CC10	0.0000	0.0000	-0.1155	0.00E+0	0.00E+0	-4.49E-7
	CC11	0.0000	0.0000	-0.0967	0.00E+0	0.00E+0	-7.20E-8
	CC12	0.0000	0.0000	-0.0974	0.00E+0	0.00E+0	4.60E-8
	CC13	0.0000	0.0000	-0.1033	0.00E+0	0.00E+0	-4.98E-8
	CC14	0.0000	0.0000	-0.1041	0.00E+0	0.00E+0	6.81E-8
	CC15	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	4.45E-7
	CC16	0.0000	0.0000	-0.0860	0.00E+0	0.00E+0	5.63E-7
36	CC1	0.0000	0.0000	-0.1909	0.00E+0	0.00E+0	-8.44E-8
	CC2	0.0000	0.0000	-0.1895	0.00E+0	0.00E+0	-8.07E-8
	CC3	0.0000	0.0000	-0.1290	0.00E+0	0.00E+0	-1.13E-7
	CC4	0.0000	0.0000	-0.1276	0.00E+0	0.00E+0	-1.10E-7
	CC5	0.0000	0.0000	-0.0680	0.00E+0	0.00E+0	1.07E-7
	CC6	0.0000	0.0000	-0.0666	0.00E+0	0.00E+0	1.11E-7
	CC7	0.0000	0.0000	-0.0062	0.00E+0	0.00E+0	7.79E-8
	CC8	0.0000	0.0000	-0.0047	0.00E+0	0.00E+0	8.16E-8
	CC9	0.0000	0.0000	-0.2214	0.00E+0	0.00E+0	1.25E-8
	CC10	0.0000	0.0000	-0.2172	0.00E+0	0.00E+0	2.39E-8
	CC11	0.0000	0.0000	-0.1846	0.00E+0	0.00E+0	6.99E-8
	CC12	0.0000	0.0000	-0.1803	0.00E+0	0.00E+0	8.13E-8
	CC13	0.0000	0.0000	-0.0153	0.00E+0	0.00E+0	-8.41E-8
	CC14	0.0000	0.0000	-0.0110	0.00E+0	0.00E+0	-7.28E-8
	CC15	0.0000	0.0000	0.0216	0.00E+0	0.00E+0	-2.67E-8
	CC16	0.0000	0.0000	0.0258	0.00E+0	0.00E+0	-1.54E-8
37	CC1	0.0000	0.0000	-0.1614	0.00E+0	0.00E+0	4.30E-7
	CC2	0.0000	0.0000	-0.1609	0.00E+0	0.00E+0	4.13E-7
	CC3	0.0000	0.0000	-0.1447	0.00E+0	0.00E+0	2.02E-7
	CC4	0.0000	0.0000	-0.1442	0.00E+0	0.00E+0	1.85E-7
	CC5	0.0000	0.0000	-0.0488	0.00E+0	0.00E+0	-1.87E-7
	CC6	0.0000	0.0000	-0.0483	0.00E+0	0.00E+0	-2.04E-7
	CC7	0.0000	0.0000	-0.0322	0.00E+0	0.00E+0	-4.15E-7
	CC8	0.0000	0.0000	-0.0317	0.00E+0	0.00E+0	-4.32E-7
	CC9	0.0000	0.0000	-0.1419	0.00E+0	0.00E+0	4.98E-7
	CC10	0.0000	0.0000	-0.1404	0.00E+0	0.00E+0	4.45E-7
	CC11	0.0000	0.0000	-0.1081	0.00E+0	0.00E+0	3.13E-7
	CC12	0.0000	0.0000	-0.1066	0.00E+0	0.00E+0	2.60E-7
	CC13	0.0000	0.0000	-0.0865	0.00E+0	0.00E+0	-2.62E-7
	CC14	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	-3.15E-7
	CC15	0.0000	0.0000	-0.0527	0.00E+0	0.00E+0	-4.47E-7
	CC16	0.0000	0.0000	-0.0512	0.00E+0	0.00E+0	-5.00E-7
38	CC1	0.0000	0.0000	-0.2057	0.00E+0	0.00E+0	-2.92E-8
	CC2	0.0000	0.0000	-0.2035	0.00E+0	0.00E+0	-2.98E-8
	CC3	0.0000	0.0000	-0.1344	0.00E+0	0.00E+0	-1.40E-8
	CC4	0.0000	0.0000	-0.1322	0.00E+0	0.00E+0	-1.47E-8
	CC5	0.0000	0.0000	-0.0557	0.00E+0	0.00E+0	1.76E-8
	CC6	0.0000	0.0000	-0.0535	0.00E+0	0.00E+0	1.69E-8
	CC7	0.0000	0.0000	0.0157	0.00E+0	0.00E+0	3.27E-8
	CC8	0.0000	0.0000	0.0179	0.00E+0	0.00E+0	3.21E-8
	CC9	0.0000	0.0000	-0.2386	0.00E+0	0.00E+0	-2.98E-8
	CC10	0.0000	0.0000	-0.2320	0.00E+0	0.00E+0	-3.18E-8
	CC11	0.0000	0.0000	-0.1936	0.00E+0	0.00E+0	-1.58E-8
	CC12	0.0000	0.0000	-0.1870	0.00E+0	0.00E+0	-1.78E-8
	CC13	0.0000	0.0000	-0.0009	0.00E+0	0.00E+0	2.07E-8
	CC14	0.0000	0.0000	0.0057	0.00E+0	0.00E+0	1.87E-8
	CC15	0.0000	0.0000	0.0441	0.00E+0	0.00E+0	3.47E-8
	CC16	0.0000	0.0000	0.0508	0.00E+0	0.00E+0	3.28E-8
39	CC1	0.0000	0.0000	-0.1468	0.00E+0	0.00E+0	-4.87E-6
	CC2	0.0000	0.0000	-0.1508	0.00E+0	0.00E+0	-4.66E-6
	CC3	0.0000	0.0000	-0.2782	0.00E+0	0.00E+0	-3.85E-6
	CC4	0.0000	0.0000	-0.2823	0.00E+0	0.00E+0	-3.64E-6
	CC5	0.0000	0.0000	0.0613	0.00E+0	0.00E+0	3.88E-6
	CC6	0.0000	0.0000	0.0573	0.00E+0	0.00E+0	4.09E-6
	CC7	0.0000	0.0000	-0.0701	0.00E+0	0.00E+0	4.90E-6
	CC8	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	5.11E-6
	CC9	0.0000	0.0000	0.0835	0.00E+0	0.00E+0	-3.21E-6
	CC10	0.0000	0.0000	0.0712	0.00E+0	0.00E+0	-2.57E-6

	CC11	0.0000	0.0000	0.1460	0.00E+0	0.00E+0	-5.81E-7
	CC12	0.0000	0.0000	0.1336	0.00E+0	0.00E+0	5.03E-8
	CC13	0.0000	0.0000	-0.3546	0.00E+0	0.00E+0	1.90E-7
	CC14	0.0000	0.0000	-0.3669	0.00E+0	0.00E+0	8.21E-7
	CC15	0.0000	0.0000	-0.2922	0.00E+0	0.00E+0	2.82E-6
	CC16	0.0000	0.0000	-0.3045	0.00E+0	0.00E+0	3.45E-6
40	CC1	0.0000	0.0000	-0.1423	0.00E+0	0.00E+0	-1.45E-6
	CC2	0.0000	0.0000	-0.1433	0.00E+0	0.00E+0	-1.39E-6
	CC3	0.0000	0.0000	-0.1674	0.00E+0	0.00E+0	-6.85E-7
	CC4	0.0000	0.0000	-0.1685	0.00E+0	0.00E+0	-6.27E-7
	CC5	0.0000	0.0000	-0.0276	0.00E+0	0.00E+0	6.33E-7
	CC6	0.0000	0.0000	-0.0287	0.00E+0	0.00E+0	6.91E-7
	CC7	0.0000	0.0000	-0.0528	0.00E+0	0.00E+0	1.39E-6
	CC8	0.0000	0.0000	-0.0538	0.00E+0	0.00E+0	1.45E-6
	CC9	0.0000	0.0000	-0.0717	0.00E+0	0.00E+0	-1.67E-6
	CC10	0.0000	0.0000	-0.0749	0.00E+0	0.00E+0	-1.49E-6
	CC11	0.0000	0.0000	-0.0373	0.00E+0	0.00E+0	-1.04E-6
	CC12	0.0000	0.0000	-0.0405	0.00E+0	0.00E+0	-8.65E-7
	CC13	0.0000	0.0000	-0.1556	0.00E+0	0.00E+0	8.70E-7
	CC14	0.0000	0.0000	-0.1588	0.00E+0	0.00E+0	1.05E-6
	CC15	0.0000	0.0000	-0.1212	0.00E+0	0.00E+0	1.49E-6
	CC16	0.0000	0.0000	-0.1244	0.00E+0	0.00E+0	1.67E-6
41	CC1	0.0000	0.0000	-0.1658	0.00E+0	0.00E+0	-1.22E-6
	CC2	0.0000	0.0000	-0.1655	0.00E+0	0.00E+0	-1.17E-6
	CC3	0.0000	0.0000	-0.1553	0.00E+0	0.00E+0	-5.91E-7
	CC4	0.0000	0.0000	-0.1551	0.00E+0	0.00E+0	-5.42E-7
	CC5	0.0000	0.0000	-0.0406	0.00E+0	0.00E+0	5.44E-7
	CC6	0.0000	0.0000	-0.0403	0.00E+0	0.00E+0	5.93E-7
	CC7	0.0000	0.0000	-0.0301	0.00E+0	0.00E+0	1.17E-6
	CC8	0.0000	0.0000	-0.0299	0.00E+0	0.00E+0	1.22E-6
	CC9	0.0000	0.0000	-0.1345	0.00E+0	0.00E+0	-1.38E-6
	CC10	0.0000	0.0000	-0.1337	0.00E+0	0.00E+0	-1.23E-6
	CC11	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	-8.54E-7
	CC12	0.0000	0.0000	-0.0961	0.00E+0	0.00E+0	-7.05E-7
	CC13	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	7.07E-7
	CC14	0.0000	0.0000	-0.0988	0.00E+0	0.00E+0	8.57E-7
	CC15	0.0000	0.0000	-0.0620	0.00E+0	0.00E+0	1.24E-6
	CC16	0.0000	0.0000	-0.0612	0.00E+0	0.00E+0	1.39E-6
42	CC1	0.0000	0.0000	-0.2133	0.00E+0	0.00E+0	-2.94E-7
	CC2	0.0000	0.0000	-0.2109	0.00E+0	0.00E+0	-2.83E-7
	CC3	0.0000	0.0000	-0.1373	0.00E+0	0.00E+0	-2.52E-7
	CC4	0.0000	0.0000	-0.1349	0.00E+0	0.00E+0	-2.40E-7
	CC5	0.0000	0.0000	-0.0547	0.00E+0	0.00E+0	2.28E-7
	CC6	0.0000	0.0000	-0.0523	0.00E+0	0.00E+0	2.40E-7
	CC7	0.0000	0.0000	0.0213	0.00E+0	0.00E+0	2.71E-7
	CC8	0.0000	0.0000	0.0238	0.00E+0	0.00E+0	2.82E-7
	CC9	0.0000	0.0000	-0.2489	0.00E+0	0.00E+0	-1.73E-7
	CC10	0.0000	0.0000	-0.2416	0.00E+0	0.00E+0	-1.38E-7
	CC11	0.0000	0.0000	-0.2014	0.00E+0	0.00E+0	-1.64E-8
	CC12	0.0000	0.0000	-0.1940	0.00E+0	0.00E+0	1.89E-8
	CC13	0.0000	0.0000	0.0045	0.00E+0	0.00E+0	-3.08E-8
	CC14	0.0000	0.0000	0.0118	0.00E+0	0.00E+0	4.56E-9
	CC15	0.0000	0.0000	0.0521	0.00E+0	0.00E+0	1.26E-7
	CC16	0.0000	0.0000	0.0594	0.00E+0	0.00E+0	1.61E-7
43	CC1	0.0000	0.0000	-0.0469	0.00E+0	0.00E+0	7.20E-9
	CC2	0.0000	0.0000	-0.0460	0.00E+0	0.00E+0	7.40E-9
	CC3	0.0000	0.0000	-0.0227	0.00E+0	0.00E+0	5.58E-9
	CC4	0.0000	0.0000	-0.0218	0.00E+0	0.00E+0	5.78E-9
	CC5	0.0000	0.0000	-0.1484	0.00E+0	0.00E+0	-5.67E-9
	CC6	0.0000	0.0000	-0.1476	0.00E+0	0.00E+0	-5.46E-9
	CC7	0.0000	0.0000	-0.1242	0.00E+0	0.00E+0	-7.29E-9
	CC8	0.0000	0.0000	-0.1233	0.00E+0	0.00E+0	-7.08E-9
	CC9	0.0000	0.0000	-0.1115	0.00E+0	0.00E+0	4.38E-9
	CC10	0.0000	0.0000	-0.1089	0.00E+0	0.00E+0	5.00E-9
	CC11	0.0000	0.0000	-0.1420	0.00E+0	0.00E+0	5.22E-1
	CC12	0.0000	0.0000	-0.1394	0.00E+0	0.00E+0	1.14E-9
	CC13	0.0000	0.0000	-0.0308	0.00E+0	0.00E+0	-1.03E-9
	CC14	0.0000	0.0000	-0.0282	0.00E+0	0.00E+0	-4.07E-1
	CC15	0.0000	0.0000	-0.0613	0.00E+0	0.00E+0	-4.89E-9
	CC16	0.0000	0.0000	-0.0587	0.00E+0	0.00E+0	-4.27E-9
44	CC1	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	1.80E-9
	CC2	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	1.87E-9



	CC3	0.0000	0.0000	-0.0430	0.00E+0	0.00E+0	6.53E-1
	CC4	0.0000	0.0000	-0.0423	0.00E+0	0.00E+0	7.20E-1
	CC5	0.0000	0.0000	-0.1275	0.00E+0	0.00E+0	-6.94E-1
	CC6	0.0000	0.0000	-0.1269	0.00E+0	0.00E+0	-6.27E-1
	CC7	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	-1.84E-9
	CC8	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	-1.78E-9
	CC9	0.0000	0.0000	-0.1338	0.00E+0	0.00E+0	2.20E-9
	CC10	0.0000	0.0000	-0.1319	0.00E+0	0.00E+0	2.41E-9
	CC11	0.0000	0.0000	-0.1492	0.00E+0	0.00E+0	1.45E-9
	CC12	0.0000	0.0000	-0.1473	0.00E+0	0.00E+0	1.66E-9
	CC13	0.0000	0.0000	-0.0226	0.00E+0	0.00E+0	-1.63E-9
	CC14	0.0000	0.0000	-0.0207	0.00E+0	0.00E+0	-1.43E-9
	CC15	0.0000	0.0000	-0.0380	0.00E+0	0.00E+0	-2.38E-9
	CC16	0.0000	0.0000	-0.0361	0.00E+0	0.00E+0	-2.18E-9
45	CC1	-0.0008	-0.0410	0.0259	-3.87E-4	-5.60E-4	-2.71E-4
	CC2	-0.0008	-0.0391	0.0207	-3.68E-4	-5.36E-4	-2.58E-4
	CC3	-0.0009	-0.0557	0.0823	-6.10E-4	-7.84E-4	-3.68E-4
	CC4	-0.0009	-0.0539	0.0770	-5.92E-4	-7.61E-4	-3.56E-4
	CC5	0.0009	0.0541	-0.2434	5.82E-4	7.86E-4	3.58E-4
	CC6	0.0009	0.0559	-0.2487	6.01E-4	8.09E-4	3.70E-4
	CC7	0.0007	0.0393	-0.1871	3.59E-4	5.61E-4	2.60E-4
	CC8	0.0007	0.0412	-0.1924	3.78E-4	5.84E-4	2.72E-4
	CC9	0.0000	0.0076	-0.1287	1.94E-4	1.50E-4	5.10E-5
	CC10	0.0000	0.0132	-0.1447	2.50E-4	2.20E-4	8.80E-5
	CC11	0.0005	0.0361	-0.2095	4.85E-4	5.54E-4	2.39E-4
	CC12	0.0005	0.0417	-0.2255	5.41E-4	6.24E-4	2.76E-4
	CC13	-0.0005	-0.0415	0.0591	-5.51E-4	-5.99E-4	-2.75E-4
	CC14	-0.0005	-0.0359	0.0431	-4.94E-4	-5.29E-4	-2.38E-4
	CC15	0.0000	-0.0130	-0.0217	-2.60E-4	-1.96E-4	-8.64E-5
	CC16	0.0000	-0.0074	-0.0378	-2.04E-4	-1.25E-4	-4.95E-5
46	CC1	0.0102	-0.0414	-0.0149	-4.33E-4	-7.50E-4	-2.85E-4
	CC2	0.0097	-0.0395	-0.0135	-4.12E-4	-7.71E-4	-2.72E-4
	CC3	0.0141	-0.0563	-0.0363	-6.69E-4	-4.59E-4	-3.88E-4
	CC4	0.0137	-0.0545	-0.0349	-6.48E-4	-4.80E-4	-3.75E-4
	CC5	-0.0137	0.0545	-0.1337	6.43E-4	5.24E-4	3.75E-4
	CC6	-0.0142	0.0564	-0.1323	6.64E-4	5.03E-4	3.88E-4
	CC7	-0.0098	0.0396	-0.1552	4.07E-4	8.15E-4	2.72E-4
	CC8	-0.0102	0.0415	-0.1537	4.29E-4	7.94E-4	2.85E-4
	CC9	-0.0023	0.0077	-0.0329	1.97E-4	-6.23E-4	5.37E-5
	CC10	-0.0037	0.0134	-0.0286	2.61E-4	-6.87E-4	9.24E-5
	CC11	-0.0094	0.0365	-0.0685	5.20E-4	-2.41E-4	2.52E-4
	CC12	-0.0109	0.0421	-0.0642	5.84E-4	-3.05E-4	2.90E-4
	CC13	0.0108	-0.0420	-0.1044	-5.89E-4	3.49E-4	-2.90E-4
	CC14	0.0094	-0.0364	-0.1001	-5.24E-4	2.85E-4	-2.51E-4
	CC15	0.0036	-0.0133	-0.1401	-2.66E-4	7.31E-4	-9.19E-5
	CC16	0.0022	-0.0076	-0.1357	-2.01E-4	6.67E-4	-5.32E-5
47	CC1	-0.0033	0.0527	-0.2953	5.25E-4	-9.01E-4	-2.11E-4
	CC2	-0.0032	0.0506	-0.2922	5.06E-4	-8.84E-4	-2.02E-4
	CC3	-0.0018	0.0249	-0.2423	9.88E-5	-6.41E-4	-9.81E-5
	CC4	-0.0017	0.0228	-0.2392	8.06E-5	-6.23E-4	-8.96E-5
	CC5	0.0017	-0.0229	0.0382	-8.38E-5	5.84E-4	9.05E-5
	CC6	0.0017	-0.0250	0.0412	-1.02E-4	6.02E-4	9.90E-5
	CC7	0.0031	-0.0507	0.0912	-5.10E-4	8.44E-4	2.03E-4
	CC8	0.0032	-0.0528	0.0943	-5.28E-4	8.62E-4	2.12E-4
	CC9	-0.0033	0.0608	-0.2436	8.27E-4	-7.03E-4	-2.46E-4
	CC10	-0.0031	0.0544	-0.2343	7.72E-4	-6.50E-4	-2.20E-4
	CC11	-0.0018	0.0382	-0.1435	6.44E-4	-2.57E-4	-1.55E-4
	CC12	-0.0016	0.0317	-0.1343	5.89E-4	-2.04E-4	-1.30E-4
	CC13	0.0016	-0.0318	-0.0668	-5.93E-4	1.65E-4	1.30E-4
	CC14	0.0018	-0.0383	-0.0575	-6.48E-4	2.18E-4	1.56E-4
	CC15	0.0030	-0.0545	0.0333	-7.75E-4	6.11E-4	2.21E-4
	CC16	0.0033	-0.0609	0.0426	-8.30E-4	6.64E-4	2.47E-4
48	CC1	0.0117	0.0499	-0.1731	5.73E-4	-3.56E-4	-2.52E-4
	CC2	0.0113	0.0479	-0.1765	5.53E-4	-3.68E-4	-2.42E-4
	CC3	0.0046	0.0233	-0.2657	1.34E-4	-7.78E-4	-1.16E-4
	CC4	0.0041	0.0213	-0.2691	1.14E-4	-7.91E-4	-1.06E-4
	CC5	-0.0042	-0.0215	0.0667	-1.24E-4	7.43E-4	1.06E-4
	CC6	-0.0046	-0.0235	0.0633	-1.45E-4	7.30E-4	1.17E-4
	CC7	-0.0113	-0.0481	-0.0259	-5.63E-4	3.20E-4	2.43E-4
	CC8	-0.0118	-0.0501	-0.0293	-5.84E-4	3.07E-4	2.53E-4
	CC9	0.0150	0.0580	0.0224	8.62E-4	5.35E-4	-2.96E-4
	CC10	0.0136	0.0519	0.0120	7.99E-4	4.96E-4	-2.65E-4

	CC11	0.0102	0.0366	0.0943	6.53E-4	8.64E-4	-1.88E-4
	CC12	0.0088	0.0305	0.0840	5.90E-4	8.25E-4	-1.58E-4
	CC13	-0.0089	-0.0307	-0.2864	-6.01E-4	-8.74E-4	1.58E-4
	CC14	-0.0102	-0.0368	-0.2967	-6.63E-4	-9.12E-4	1.89E-4
	CC15	-0.0137	-0.0521	-0.2144	-8.10E-4	-5.44E-4	2.66E-4
	CC16	-0.0150	-0.0583	-0.2247	-8.72E-4	-5.83E-4	2.96E-4
49	CC1	-0.0012	0.0518	-0.2247	6.51E-4	-5.89E-4	3.91E-5
	CC2	-0.0013	0.0497	-0.2252	6.28E-4	-5.88E-4	3.74E-5
	CC3	-0.0031	0.0244	-0.2565	1.36E-4	-6.98E-4	2.33E-5
	CC4	-0.0032	0.0223	-0.2570	1.13E-4	-6.97E-4	2.16E-5
	CC5	0.0031	-0.0225	0.0557	-1.22E-4	6.52E-4	-2.22E-5
	CC6	0.0030	-0.0246	0.0552	-1.45E-4	6.53E-4	-2.39E-5
	CC7	0.0012	-0.0499	0.0240	-6.37E-4	5.42E-4	-3.79E-5
	CC8	0.0011	-0.0520	0.0235	-6.60E-4	5.43E-4	-3.96E-5
	CC9	0.0027	0.0599	-0.0891	1.01E-3	-2.85E-5	3.77E-5
	CC10	0.0024	0.0536	-0.0906	9.35E-4	-2.46E-5	3.26E-5
	CC11	0.0040	0.0376	-0.0049	7.73E-4	3.44E-4	1.94E-5
	CC12	0.0037	0.0313	-0.0064	7.03E-4	3.48E-4	1.42E-5
	CC13	-0.0038	-0.0314	-0.1948	-7.12E-4	-3.93E-4	-1.48E-5
	CC14	-0.0041	-0.0378	-0.1963	-7.82E-4	-3.89E-4	-1.99E-5
	CC15	-0.0025	-0.0537	-0.1107	-9.44E-4	-2.10E-5	-3.32E-5
	CC16	-0.0028	-0.0601	-0.1122	-1.01E-3	-1.71E-5	-3.83E-5
50	CC1	-0.0022	0.0513	-0.2650	6.14E-4	-7.74E-4	-4.68E-5
	CC2	-0.0024	0.0492	-0.2633	5.92E-4	-7.63E-4	-4.50E-5
	CC3	-0.0046	0.0243	-0.2394	1.17E-4	-6.47E-4	-1.82E-5
	CC4	-0.0048	0.0222	-0.2376	9.55E-5	-6.35E-4	-1.64E-5
	CC5	0.0047	-0.0223	0.0371	-1.00E-4	5.93E-4	1.69E-5
	CC6	0.0045	-0.0244	0.0388	-1.22E-4	6.05E-4	1.87E-5
	CC7	0.0023	-0.0493	0.0627	-5.97E-4	7.21E-4	4.55E-5
	CC8	0.0021	-0.0514	0.0645	-6.18E-4	7.32E-4	4.73E-5
	CC9	0.0031	0.0592	-0.1910	9.65E-4	-4.56E-4	-5.97E-5
	CC10	0.0025	0.0529	-0.1857	9.00E-4	-4.21E-4	-5.43E-5
	CC11	0.0052	0.0371	-0.1004	7.51E-4	-4.54E-5	-4.06E-5
	CC12	0.0046	0.0308	-0.0950	6.86E-4	-1.06E-5	-3.52E-5
	CC13	-0.0047	-0.0309	-0.1055	-6.91E-4	-3.14E-5	3.57E-5
	CC14	-0.0053	-0.0372	-0.1002	-7.56E-4	3.41E-6	4.12E-5
	CC15	-0.0026	-0.0530	-0.0149	-9.05E-4	3.79E-4	5.48E-5
	CC16	-0.0032	-0.0593	-0.0095	-9.70E-4	4.14E-4	6.02E-5
51	CC1	0.2965	-0.4046	-0.2093	-1.06E-3	-1.19E-3	-1.90E-4
	CC2	0.2880	-0.3850	-0.2044	-1.01E-3	-1.16E-3	-1.82E-4
	CC3	0.2801	-0.6261	-0.3123	-1.71E-3	-1.10E-3	-1.69E-4
	CC4	0.2717	-0.6065	-0.3074	-1.66E-3	-1.07E-3	-1.61E-4
	CC5	-0.2807	0.6020	0.1049	1.68E-3	1.07E-3	1.67E-4
	CC6	-0.2892	0.6216	0.1097	1.73E-3	1.10E-3	1.75E-4
	CC7	-0.2970	0.3804	0.0019	1.02E-3	1.16E-3	1.87E-4
	CC8	-0.3055	0.4001	0.0067	1.08E-3	1.19E-3	1.96E-4
	CC9	0.1221	0.1863	0.0159	6.07E-4	-5.40E-4	-9.81E-5
	CC10	0.0965	0.2458	0.0307	7.67E-4	-4.38E-4	-7.32E-5
	CC11	-0.0510	0.4882	0.1101	1.43E-3	1.37E-4	8.98E-6
	CC12	-0.0767	0.5478	0.1249	1.59E-3	2.39E-4	3.39E-5
	CC13	0.0677	-0.5523	-0.3274	-1.57E-3	-2.39E-4	-2.85E-5
	CC14	0.0420	-0.4928	-0.3127	-1.41E-3	-1.37E-4	-3.57E-6
	CC15	-0.1055	-0.2503	-0.2332	-7.49E-4	4.38E-4	7.86E-5
	CC16	-0.1312	-0.1908	-0.2184	-5.89E-4	5.40E-4	1.03E-4
52	CC1	0.2391	-0.4044	-0.1909	-1.07E-3	-7.82E-4	-1.92E-4
	CC2	0.2359	-0.3848	-0.1858	-1.02E-3	-7.73E-4	-1.84E-4
	CC3	0.2358	-0.6260	-0.2513	-1.72E-3	-7.63E-4	-1.71E-4
	CC4	0.2327	-0.6063	-0.2462	-1.66E-3	-7.53E-4	-1.63E-4
	CC5	-0.2379	0.6022	0.0677	1.62E-3	7.21E-4	1.65E-4
	CC6	-0.2411	0.6218	0.0727	1.67E-3	7.30E-4	1.73E-4
	CC7	-0.2412	0.3806	0.0073	9.78E-4	7.41E-4	1.86E-4
	CC8	-0.2443	0.4003	0.0123	1.03E-3	7.50E-4	1.94E-4
	CC9	0.0791	0.1864	-0.0351	5.62E-4	-2.88E-4	-9.98E-5
	CC10	0.0695	0.2460	-0.0197	7.22E-4	-2.60E-4	-7.49E-5
	CC11	-0.0640	0.4884	0.0425	1.37E-3	1.63E-4	7.27E-6
	CC12	-0.0736	0.5479	0.0578	1.53E-3	1.91E-4	3.22E-5
	CC13	0.0684	-0.5521	-0.2364	-1.57E-3	-2.23E-4	-3.02E-5
	CC14	0.0587	-0.4926	-0.2210	-1.41E-3	-1.95E-4	-5.29E-6
	CC15	-0.0747	-0.2501	-0.1588	-7.66E-4	2.28E-4	7.69E-5
	CC16	-0.0844	-0.1906	-0.1435	-6.06E-4	2.56E-4	1.02E-4
53	CC1	0.2169	-0.4041	0.1135	-1.28E-3	-7.97E-4	-1.92E-4
	CC2	0.2161	-0.3845	0.1035	-1.21E-3	-7.94E-4	-1.83E-4

	CC3	0.2220	-0.6257	0.2317	-2.03E-3	-8.30E-4	-1.71E-4
	CC4	0.2212	-0.6061	0.2217	-1.97E-3	-8.26E-4	-1.62E-4
	CC5	-0.2245	0.6025	-0.3932	1.95E-3	8.14E-4	1.65E-4
	CC6	-0.2253	0.6221	-0.4032	2.01E-3	8.18E-4	1.73E-4
	CC7	-0.2195	0.3809	-0.2750	1.19E-3	7.82E-4	1.86E-4
	CC8	-0.2203	0.4005	-0.2850	1.25E-3	7.86E-4	1.94E-4
	CC9	0.0573	0.1867	-0.1916	6.73E-4	-1.99E-4	-9.94E-5
	CC10	0.0549	0.2462	-0.2219	8.65E-4	-1.88E-4	-7.45E-5
	CC11	-0.0751	0.4887	-0.3436	1.64E-3	2.84E-4	7.68E-6
	CC12	-0.0776	0.5482	-0.3740	1.83E-3	2.96E-4	3.26E-5
	CC13	0.0742	-0.5518	0.2024	-1.86E-3	-3.07E-4	-2.98E-5
	CC14	0.0718	-0.4923	0.1721	-1.66E-3	-2.96E-4	-4.87E-6
	CC15	-0.0582	-0.2498	0.0504	-8.91E-4	1.76E-4	7.73E-5
	CC16	-0.0607	-0.1903	0.0201	-6.98E-4	1.87E-4	1.02E-4
54	CC1	0.2962	-0.3206	-0.1354	-1.10E-3	-6.22E-4	-1.93E-4
	CC2	0.2878	-0.3046	-0.1341	-1.04E-3	-6.06E-4	-1.85E-4
	CC3	0.2799	-0.5512	-0.1680	-2.03E-3	-5.16E-4	-1.72E-4
	CC4	0.2714	-0.5352	-0.1667	-1.97E-3	-5.01E-4	-1.64E-4
	CC5	-0.2809	0.5311	-0.0368	2.07E-3	5.45E-4	1.64E-4
	CC6	-0.2894	0.5472	-0.0355	2.13E-3	5.61E-4	1.72E-4
	CC7	-0.2973	0.3005	-0.0694	1.14E-3	6.51E-4	1.85E-4
	CC8	-0.3057	0.3165	-0.0681	1.20E-3	6.66E-4	1.93E-4
	CC9	0.1219	0.2302	-0.0642	1.04E-3	-3.53E-4	-1.01E-4
	CC10	0.0962	0.2789	-0.0603	1.22E-3	-3.05E-4	-7.60E-5
	CC11	-0.0513	0.4857	-0.0346	1.99E-3	-2.87E-6	6.20E-6
	CC12	-0.0769	0.5344	-0.0307	2.17E-3	4.52E-5	3.11E-5
	CC13	0.0674	-0.5385	-0.1728	-2.07E-3	-9.74E-7	-3.13E-5
	CC14	0.0417	-0.4898	-0.1689	-1.89E-3	4.71E-5	-6.35E-6
	CC15	-0.1057	-0.2830	-0.1432	-1.11E-3	3.49E-4	7.58E-5
	CC16	-0.1314	-0.2343	-0.1394	-9.34E-4	3.97E-4	1.01E-4
55	CC1	0.2390	-0.3205	-0.1326	-1.10E-3	-2.38E-4	-1.93E-4
	CC2	0.2359	-0.3044	-0.1316	-1.05E-3	-2.44E-4	-1.84E-4
	CC3	0.2358	-0.5511	-0.1479	-1.91E-3	-1.38E-4	-1.72E-4
	CC4	0.2326	-0.5351	-0.1469	-1.86E-3	-1.45E-4	-1.64E-4
	CC5	-0.2380	0.5312	-0.0581	1.76E-3	1.35E-4	1.64E-4
	CC6	-0.2411	0.5473	-0.0571	1.81E-3	1.29E-4	1.72E-4
	CC7	-0.2412	0.3006	-0.0734	9.50E-4	2.34E-4	1.85E-4
	CC8	-0.2444	0.3167	-0.0724	1.00E-3	2.28E-4	1.93E-4
	CC9	0.0790	0.2303	-0.0897	7.86E-4	-2.17E-4	-1.00E-4
	CC10	0.0694	0.2790	-0.0866	9.51E-4	-2.36E-4	-7.55E-5
	CC11	-0.0641	0.4859	-0.0674	1.64E-3	-1.06E-4	6.62E-6
	CC12	-0.0737	0.5346	-0.0643	1.81E-3	-1.24E-4	3.15E-5
	CC13	0.0683	-0.5384	-0.1407	-1.91E-3	1.14E-4	-3.08E-5
	CC14	0.0587	-0.4897	-0.1376	-1.74E-3	9.57E-5	-5.93E-6
	CC15	-0.0748	-0.2829	-0.1184	-1.05E-3	2.26E-4	7.62E-5
	CC16	-0.0844	-0.2342	-0.1153	-8.84E-4	2.08E-4	1.01E-4
56	CC1	0.2168	-0.3205	-0.0603	-1.14E-3	-4.72E-4	-1.92E-4
	CC2	0.2160	-0.3044	-0.0616	-1.08E-3	-4.65E-4	-1.83E-4
	CC3	0.2219	-0.5511	-0.0385	-2.04E-3	-5.50E-4	-1.71E-4
	CC4	0.2211	-0.5350	-0.0398	-1.98E-3	-5.43E-4	-1.63E-4
	CC5	-0.2246	0.5312	-0.1424	1.93E-3	5.57E-4	1.65E-4
	CC6	-0.2254	0.5473	-0.1437	1.99E-3	5.64E-4	1.73E-4
	CC7	-0.2195	0.3006	-0.1206	1.04E-3	4.79E-4	1.86E-4
	CC8	-0.2203	0.3167	-0.1219	1.09E-3	4.86E-4	1.94E-4
	CC9	0.0572	0.2304	-0.1131	9.26E-4	-2.86E-5	-9.94E-5
	CC10	0.0548	0.2791	-0.1171	1.10E-3	-6.85E-6	-7.45E-5
	CC11	-0.0752	0.4859	-0.1378	1.85E-3	2.80E-4	7.62E-6
	CC12	-0.0776	0.5346	-0.1418	2.02E-3	3.02E-4	3.25E-5
	CC13	0.0741	-0.5384	-0.0404	-2.07E-3	-2.88E-4	-2.98E-5
	CC14	0.0717	-0.4897	-0.0444	-1.90E-3	-2.67E-4	-4.93E-6
	CC15	-0.0583	-0.2829	-0.0651	-1.15E-3	2.04E-5	7.72E-5
	CC16	-0.0607	-0.2341	-0.0691	-9.74E-4	4.22E-5	1.02E-4
57	CC1	0.2961	-0.2503	-0.0612	-8.27E-4	-6.46E-4	-1.93E-4
	CC2	0.2877	-0.2372	-0.0608	-7.78E-4	-6.28E-4	-1.85E-4
	CC3	0.2798	-0.4885	-0.0937	-1.80E-3	-5.92E-4	-1.72E-4
	CC4	0.2713	-0.4754	-0.0932	-1.75E-3	-5.73E-4	-1.64E-4
	CC5	-0.2810	0.4720	-0.1041	1.86E-3	5.88E-4	1.64E-4
	CC6	-0.2895	0.4850	-0.1036	1.91E-3	6.07E-4	1.72E-4
	CC7	-0.2974	0.2338	-0.1365	8.90E-4	6.42E-4	1.85E-4
	CC8	-0.3059	0.2468	-0.1361	9.38E-4	6.61E-4	1.93E-4
	CC9	0.1218	0.2671	-0.0389	1.20E-3	-2.96E-4	-1.01E-4
	CC10	0.0961	0.3067	-0.0375	1.35E-3	-2.40E-4	-7.58E-5

	CC11	-0.0514	0.4838	-0.0517	2.01E-3	7.40E-5	6.32E-6
	CC12	-0.0770	0.5234	-0.0503	2.15E-3	1.30E-4	3.12E-5
	CC13	0.0673	-0.5269	-0.1470	-2.04E-3	-1.15E-4	-3.11E-5
	CC14	0.0416	-0.4872	-0.1456	-1.89E-3	-5.93E-5	-6.23E-6
	CC15	-0.1058	-0.3102	-0.1598	-1.23E-3	2.55E-4	7.59E-5
	CC16	-0.1315	-0.2705	-0.1584	-1.09E-3	3.11E-4	1.01E-4
58	CC1	0.2393	-0.2502	-0.0897	-8.39E-4	-5.12E-4	-1.92E-4
	CC2	0.2361	-0.2371	-0.0897	-7.96E-4	-5.04E-4	-1.83E-4
	CC3	0.2360	-0.4884	-0.0939	-1.69E-3	-5.33E-4	-1.71E-4
	CC4	0.2329	-0.4753	-0.0939	-1.65E-3	-5.25E-4	-1.62E-4
	CC5	-0.2377	0.4721	-0.1103	1.53E-3	5.28E-4	1.65E-4
	CC6	-0.2409	0.4852	-0.1103	1.57E-3	5.35E-4	1.73E-4
	CC7	-0.2410	0.2339	-0.1145	6.82E-4	5.06E-4	1.86E-4
	CC8	-0.2441	0.2470	-0.1145	7.24E-4	5.14E-4	1.94E-4
	CC9	0.0793	0.2672	-0.0921	9.40E-4	-1.31E-4	-9.94E-5
	CC10	0.0697	0.3069	-0.0921	1.07E-3	-1.07E-4	-7.45E-5
	CC11	-0.0638	0.4839	-0.0982	1.65E-3	1.81E-4	7.67E-6
	CC12	-0.0734	0.5236	-0.0983	1.78E-3	2.04E-4	3.26E-5
	CC13	0.0686	-0.5267	-0.1059	-1.89E-3	-2.02E-4	-2.98E-5
	CC14	0.0589	-0.4871	-0.1060	-1.76E-3	-1.78E-4	-4.89E-6
	CC15	-0.0745	-0.3101	-0.1121	-1.18E-3	1.10E-4	7.73E-5
	CC16	-0.0842	-0.2704	-0.1121	-1.05E-3	1.34E-4	1.02E-4
59	CC1	0.2169	-0.2502	-0.0729	-8.49E-4	-4.61E-4	-1.93E-4
	CC2	0.2161	-0.2371	-0.0736	-8.04E-4	-4.59E-4	-1.85E-4
	CC3	0.2219	-0.4883	-0.0593	-1.75E-3	-4.72E-4	-1.72E-4
	CC4	0.2211	-0.4753	-0.0599	-1.70E-3	-4.70E-4	-1.64E-4
	CC5	-0.2246	0.4721	-0.1222	1.65E-3	4.68E-4	1.64E-4
	CC6	-0.2254	0.4852	-0.1229	1.70E-3	4.70E-4	1.72E-4
	CC7	-0.2195	0.2339	-0.1086	7.55E-4	4.57E-4	1.85E-4
	CC8	-0.2203	0.2470	-0.1092	8.00E-4	4.58E-4	1.93E-4
	CC9	0.0573	0.2672	-0.1055	1.03E-3	-1.24E-4	-1.01E-4
	CC10	0.0548	0.3069	-0.1074	1.17E-3	-1.19E-4	-7.57E-5
	CC11	-0.0752	0.4839	-0.1203	1.78E-3	1.55E-4	6.46E-6
	CC12	-0.0776	0.5236	-0.1222	1.92E-3	1.59E-4	3.14E-5
	CC13	0.0742	-0.5267	-0.0599	-1.96E-3	-1.62E-4	-3.10E-5
	CC14	0.0717	-0.4871	-0.0619	-1.83E-3	-1.57E-4	-6.10E-6
	CC15	-0.0583	-0.3101	-0.0747	-1.21E-3	1.17E-4	7.61E-5
	CC16	-0.0607	-0.2704	-0.0767	-1.08E-3	1.22E-4	1.01E-4
60	CC1	0.2961	-0.1801	-0.0733	-3.93E-4	-6.47E-4	-1.92E-4
	CC2	0.2876	-0.1700	-0.0730	-3.65E-4	-6.29E-4	-1.84E-4
	CC3	0.2797	-0.4258	-0.0895	-1.17E-3	-5.84E-4	-1.72E-4
	CC4	0.2713	-0.4157	-0.0892	-1.14E-3	-5.66E-4	-1.63E-4
	CC5	-0.2811	0.4128	-0.1058	1.27E-3	5.81E-4	1.64E-4
	CC6	-0.2895	0.4229	-0.1055	1.30E-3	5.99E-4	1.73E-4
	CC7	-0.2974	0.1670	-0.1220	4.92E-4	6.44E-4	1.85E-4
	CC8	-0.3059	0.1771	-0.1217	5.20E-4	6.62E-4	1.94E-4
	CC9	0.1218	0.3039	-0.0662	1.07E-3	-3.10E-4	-1.00E-4
	CC10	0.0961	0.3345	-0.0653	1.15E-3	-2.54E-4	-7.53E-5
	CC11	-0.0514	0.4817	-0.0759	1.56E-3	5.84E-5	6.81E-6
	CC12	-0.0771	0.5124	-0.0750	1.65E-3	1.15E-4	3.17E-5
	CC13	0.0673	-0.5153	-0.1200	-1.52E-3	-9.97E-5	-3.06E-5
	CC14	0.0416	-0.4847	-0.1191	-1.44E-3	-4.36E-5	-5.74E-6
	CC15	-0.1059	-0.3375	-0.1298	-1.02E-3	2.69E-4	7.64E-5
	CC16	-0.1316	-0.3068	-0.1288	-9.39E-4	3.25E-4	1.01E-4
61	CC1	0.2397	-0.1798	-0.0700	-1.71E-4	-4.79E-4	-1.92E-4
	CC2	0.2365	-0.1697	-0.0697	-1.64E-4	-4.72E-4	-1.83E-4
	CC3	0.2365	-0.4256	-0.0921	-3.89E-4	-4.88E-4	-1.71E-4
	CC4	0.2333	-0.4155	-0.0917	-3.82E-4	-4.82E-4	-1.63E-4
	CC5	-0.2373	0.4130	-0.1154	3.06E-4	4.81E-4	1.65E-4
	CC6	-0.2405	0.4231	-0.1151	3.13E-4	4.88E-4	1.73E-4
	CC7	-0.2405	0.1672	-0.1375	8.79E-5	4.72E-4	1.86E-4
	CC8	-0.2437	0.1773	-0.1371	9.52E-5	4.79E-4	1.94E-4
	CC9	0.0797	0.3041	-0.0605	2.43E-4	-1.39E-4	-9.94E-5
	CC10	0.0701	0.3347	-0.0595	2.65E-4	-1.18E-4	-7.45E-5
	CC11	-0.0634	0.4820	-0.0741	3.86E-4	1.49E-4	7.65E-6
	CC12	-0.0730	0.5126	-0.0731	4.08E-4	1.70E-4	3.26E-5
	CC13	0.0690	-0.5151	-0.1340	-4.84E-4	-1.70E-4	-2.98E-5
	CC14	0.0594	-0.4845	-0.1330	-4.62E-4	-1.50E-4	-4.90E-6
	CC15	-0.0741	-0.3372	-0.1477	-3.41E-4	1.18E-4	7.73E-5
	CC16	-0.0837	-0.3066	-0.1466	-3.19E-4	1.38E-4	1.02E-4
62	CC1	0.2170	-0.1798	-0.0686	-2.05E-4	-4.42E-4	-1.92E-4
	CC2	0.2162	-0.1697	-0.0697	-1.96E-4	-4.39E-4	-1.84E-4

	CC3	0.2221	-0.4256	-0.0351	-4.84E-4	-4.61E-4	-1.71E-4
	CC4	0.2213	-0.4155	-0.0363	-4.74E-4	-4.58E-4	-1.63E-4
	CC5	-0.2245	0.4130	-0.1503	4.03E-4	4.55E-4	1.65E-4
	CC6	-0.2253	0.4231	-0.1515	4.13E-4	4.58E-4	1.73E-4
	CC7	-0.2194	0.1673	-0.1169	1.25E-4	4.36E-4	1.86E-4
	CC8	-0.2202	0.1774	-0.1180	1.34E-4	4.39E-4	1.94E-4
	CC9	0.0574	0.3041	-0.1351	3.23E-4	-1.08E-4	-9.97E-5
	CC10	0.0550	0.3348	-0.1386	3.52E-4	-1.00E-4	-7.48E-5
	CC11	-0.0751	0.4820	-0.1597	5.06E-4	1.61E-4	7.38E-6
	CC12	-0.0775	0.5126	-0.1631	5.34E-4	1.68E-4	3.23E-5
	CC13	0.0743	-0.5151	-0.0235	-6.05E-4	-1.71E-4	-3.01E-5
	CC14	0.0718	-0.4844	-0.0269	-5.76E-4	-1.64E-4	-5.18E-6
	CC15	-0.0582	-0.3372	-0.0480	-4.22E-4	9.75E-5	7.70E-5
	CC16	-0.0606	-0.3066	-0.0515	-3.94E-4	1.05E-4	1.02E-4
63	CC1	0.2961	-0.1104	-0.1002	-2.68E-4	-6.46E-4	-1.91E-4
	CC2	0.2877	-0.1033	-0.1001	-2.43E-4	-6.27E-4	-1.83E-4
	CC3	0.2798	-0.3637	-0.0750	-1.32E-3	-5.94E-4	-1.70E-4
	CC4	0.2713	-0.3566	-0.0749	-1.30E-3	-5.76E-4	-1.62E-4
	CC5	-0.2811	0.3531	-0.1179	1.41E-3	5.84E-4	1.66E-4
	CC6	-0.2895	0.3602	-0.1179	1.43E-3	6.03E-4	1.74E-4
	CC7	-0.2974	0.0998	-0.0927	3.54E-4	6.36E-4	1.87E-4
	CC8	-0.3059	0.1069	-0.0926	3.79E-4	6.55E-4	1.95E-4
	CC9	0.1218	0.3401	-0.1360	1.53E-3	-2.95E-4	-9.86E-5
	CC10	0.0961	0.3617	-0.1357	1.60E-3	-2.38E-4	-7.37E-5
	CC11	-0.0514	0.4792	-0.1413	2.03E-3	7.41E-5	8.45E-6
	CC12	-0.0770	0.5008	-0.1410	2.10E-3	1.31E-4	3.34E-5
	CC13	0.0673	-0.5043	-0.0518	-1.99E-3	-1.22E-4	-2.90E-5
	CC14	0.0416	-0.4827	-0.0515	-1.92E-3	-6.53E-5	-4.11E-6
	CC15	-0.1059	-0.3653	-0.0571	-1.49E-3	2.47E-4	7.80E-5
	CC16	-0.1315	-0.3437	-0.0569	-1.42E-3	3.04E-4	1.03E-4
64	CC1	0.2404	-0.1102	-0.0016	-2.56E-4	-5.34E-5	-1.91E-4
	CC2	0.2372	-0.1031	-0.0023	-2.36E-4	-5.25E-5	-1.83E-4
	CC3	0.2371	-0.3636	-0.0167	-1.25E-3	-2.98E-5	-1.70E-4
	CC4	0.2340	-0.3564	-0.0174	-1.24E-3	-2.89E-5	-1.62E-4
	CC5	-0.2366	0.3532	-0.1921	1.14E-3	2.27E-5	1.66E-4
	CC6	-0.2398	0.3604	-0.1929	1.16E-3	2.36E-5	1.74E-4
	CC7	-0.2399	0.0999	-0.2072	1.45E-4	4.63E-5	1.86E-4
	CC8	-0.2430	0.1070	-0.2080	1.64E-4	4.72E-5	1.95E-4
	CC9	0.0804	0.3403	-0.0499	1.38E-3	-5.52E-5	-9.91E-5
	CC10	0.0708	0.3619	-0.0522	1.44E-3	-5.24E-5	-7.42E-5
	CC11	-0.0627	0.4793	-0.1071	1.80E-3	-3.24E-5	8.00E-6
	CC12	-0.0723	0.5009	-0.1093	1.86E-3	-2.96E-5	3.29E-5
	CC13	0.0697	-0.5041	-0.1002	-1.95E-3	2.35E-5	-2.95E-5
	CC14	0.0600	-0.4825	-0.1024	-1.89E-3	2.62E-5	-4.55E-6
	CC15	-0.0734	-0.3651	-0.1574	-1.53E-3	4.63E-5	7.76E-5
	CC16	-0.0831	-0.3435	-0.1596	-1.47E-3	4.90E-5	1.03E-4
65	CC1	0.2172	-0.1102	-0.0489	-2.98E-4	-4.36E-4	-1.93E-4
	CC2	0.2164	-0.1031	-0.0495	-2.77E-4	-4.33E-4	-1.84E-4
	CC3	0.2223	-0.3635	-0.0333	-1.27E-3	-4.71E-4	-1.72E-4
	CC4	0.2215	-0.3564	-0.0339	-1.24E-3	-4.68E-4	-1.63E-4
	CC5	-0.2242	0.3533	-0.1560	1.19E-3	4.64E-4	1.64E-4
	CC6	-0.2250	0.3604	-0.1566	1.21E-3	4.66E-4	1.73E-4
	CC7	-0.2192	0.1000	-0.1405	2.23E-4	4.29E-4	1.85E-4
	CC8	-0.2200	0.1071	-0.1410	2.45E-4	4.31E-4	1.93E-4
	CC9	0.0576	0.3403	-0.1039	1.33E-3	-8.26E-5	-1.00E-4
	CC10	0.0552	0.3619	-0.1057	1.39E-3	-7.54E-5	-7.54E-5
	CC11	-0.0748	0.4794	-0.1361	1.78E-3	1.87E-4	6.73E-6
	CC12	-0.0773	0.5010	-0.1379	1.84E-3	1.94E-4	3.16E-5
	CC13	0.0745	-0.5041	-0.0520	-1.90E-3	-1.99E-4	-3.07E-5
	CC14	0.0721	-0.4825	-0.0538	-1.83E-3	-1.92E-4	-5.83E-6
	CC15	-0.0579	-0.3651	-0.0842	-1.45E-3	7.11E-5	7.63E-5
	CC16	-0.0604	-0.3435	-0.0860	-1.38E-3	7.83E-5	1.01E-4
66	CC1	0.2962	-0.0391	-0.0754	8.24E-6	-6.76E-4	-1.91E-4
	CC2	0.2877	-0.0351	-0.0755	2.15E-5	-6.57E-4	-1.82E-4
	CC3	0.2799	-0.3003	-0.0996	-1.10E-3	-6.23E-4	-1.70E-4
	CC4	0.2714	-0.2962	-0.0996	-1.09E-3	-6.03E-4	-1.61E-4
	CC5	-0.2810	0.2914	-0.0953	1.20E-3	6.11E-4	1.66E-4
	CC6	-0.2894	0.2955	-0.0953	1.21E-3	6.31E-4	1.75E-4
	CC7	-0.2973	0.0303	-0.1194	8.51E-5	6.65E-4	1.87E-4
	CC8	-0.3058	0.0344	-0.1194	9.84E-5	6.85E-4	1.95E-4
	CC9	0.1219	0.3771	-0.0542	1.71E-3	-3.08E-4	-9.83E-5
	CC10	0.0962	0.3894	-0.0543	1.75E-3	-2.49E-4	-7.34E-5

	CC11	-0.0513	0.4762	-0.0601	2.06E-3	7.81E-5	8.72E-6
	CC12	-0.0769	0.4886	-0.0602	2.10E-3	1.37E-4	3.36E-5
	CC13	0.0674	-0.4933	-0.1347	-2.00E-3	-1.29E-4	-2.87E-5
	CC14	0.0417	-0.4810	-0.1348	-1.96E-3	-6.99E-5	-3.84E-6
	CC15	-0.1058	-0.3941	-0.1406	-1.64E-3	2.57E-4	7.83E-5
	CC16	-0.1314	-0.3818	-0.1407	-1.60E-3	3.16E-4	1.03E-4
<b>67</b>	CC1	0.2407	-0.0390	0.0370	-5.45E-5	-4.65E-4	-1.91E-4
	CC2	0.2375	-0.0350	0.0360	-4.12E-5	-4.58E-4	-1.83E-4
	CC3	0.2375	-0.3001	0.0209	-1.21E-3	-4.58E-4	-1.70E-4
	CC4	0.2343	-0.2961	0.0198	-1.20E-3	-4.51E-4	-1.62E-4
	CC5	-0.2363	0.2916	-0.2247	1.16E-3	4.70E-4	1.66E-4
	CC6	-0.2395	0.2956	-0.2257	1.17E-3	4.77E-4	1.74E-4
	CC7	-0.2395	0.0304	-0.2408	1.66E-6	4.78E-4	1.86E-4
	CC8	-0.2427	0.0345	-0.2419	1.49E-5	4.84E-4	1.95E-4
	CC9	0.0807	0.3772	-0.0347	1.70E-3	-1.53E-4	-9.91E-5
	CC10	0.0711	0.3895	-0.0379	1.74E-3	-1.33E-4	-7.42E-5
	CC11	-0.0624	0.4764	-0.1132	2.07E-3	1.28E-4	7.94E-6
	CC12	-0.0720	0.4887	-0.1164	2.11E-3	1.48E-4	3.28E-5
	CC13	0.0700	-0.4932	-0.0884	-2.15E-3	-1.29E-4	-2.95E-5
	CC14	0.0604	-0.4809	-0.0917	-2.11E-3	-1.09E-4	-4.62E-6
	CC15	-0.0731	-0.3940	-0.1669	-1.78E-3	1.52E-4	7.75E-5
	CC16	-0.0827	-0.3817	-0.1702	-1.74E-3	1.72E-4	1.02E-4
<b>68</b>	CC1	0.2175	-0.0390	0.0194	2.90E-5	-7.89E-5	-1.92E-4
	CC2	0.2167	-0.0349	0.0193	3.81E-5	-7.53E-5	-1.84E-4
	CC3	0.2226	-0.3001	-0.0008	-1.04E-3	-2.69E-4	-1.71E-4
	CC4	0.2218	-0.2961	-0.0008	-1.03E-3	-2.65E-4	-1.63E-4
	CC5	-0.2240	0.2916	-0.1957	9.89E-4	2.77E-4	1.65E-4
	CC6	-0.2248	0.2956	-0.1957	9.99E-4	2.80E-4	1.73E-4
	CC7	-0.2189	0.0305	-0.2158	-7.89E-5	8.65E-5	1.86E-4
	CC8	-0.2197	0.0345	-0.2158	-6.99E-5	9.01E-5	1.94E-4
	CC9	0.0579	0.3772	-0.0324	1.60E-3	2.64E-4	-9.96E-5
	CC10	0.0554	0.3895	-0.0325	1.63E-3	2.74E-4	-7.46E-5
	CC11	-0.0746	0.4764	-0.0969	1.89E-3	3.70E-4	7.51E-6
	CC12	-0.0770	0.4887	-0.0970	1.92E-3	3.81E-4	3.24E-5
	CC13	0.0748	-0.4932	-0.0995	-1.96E-3	-3.70E-4	-3.00E-5
	CC14	0.0723	-0.4809	-0.0995	-1.93E-3	-3.59E-4	-5.05E-6
	CC15	-0.0577	-0.3940	-0.1640	-1.67E-3	-2.63E-4	7.71E-5
	CC16	-0.0601	-0.3817	-0.1640	-1.64E-3	-2.52E-4	1.02E-4
<b>69</b>	CC1	0.2964	0.0321	-0.0807	3.01E-4	-6.77E-4	-1.92E-4
	CC2	0.2879	0.0331	-0.0808	3.02E-4	-6.57E-4	-1.84E-4
	CC3	0.2800	-0.2368	-0.0961	-8.58E-4	-6.19E-4	-1.71E-4
	CC4	0.2716	-0.2358	-0.0963	-8.57E-4	-6.00E-4	-1.63E-4
	CC5	-0.2808	0.2301	-0.1020	9.59E-4	6.05E-4	1.65E-4
	CC6	-0.2892	0.2311	-0.1021	9.60E-4	6.24E-4	1.73E-4
	CC7	-0.2971	-0.0388	-0.1174	-2.00E-4	6.63E-4	1.86E-4
	CC8	-0.3056	-0.0378	-0.1175	-1.99E-4	6.82E-4	1.94E-4
	CC9	0.1221	0.4142	-0.0700	1.88E-3	-3.16E-4	-9.97E-5
	CC10	0.0964	0.4172	-0.0704	1.89E-3	-2.57E-4	-7.48E-5
	CC11	-0.0511	0.4736	-0.0764	2.08E-3	6.89E-5	7.35E-6
	CC12	-0.0768	0.4766	-0.0768	2.08E-3	1.28E-4	3.23E-5
	CC13	0.0676	-0.4822	-0.1215	-1.98E-3	-1.23E-4	-3.01E-5
	CC14	0.0419	-0.4792	-0.1218	-1.98E-3	-6.37E-5	-5.20E-6
	CC15	-0.1056	-0.4228	-0.1278	-1.78E-3	2.62E-4	7.70E-5
	CC16	-0.1313	-0.4198	-0.1282	-1.78E-3	3.21E-4	1.02E-4
<b>70</b>	CC1	0.2410	0.0322	-0.0283	2.23E-4	-7.73E-4	-1.93E-4
	CC2	0.2378	0.0332	-0.0285	2.24E-4	-7.62E-4	-1.84E-4
	CC3	0.2378	-0.2367	-0.0456	-9.79E-4	-7.68E-4	-1.72E-4
	CC4	0.2346	-0.2357	-0.0458	-9.78E-4	-7.58E-4	-1.64E-4
	CC5	-0.2360	0.2302	-0.1558	9.39E-4	7.57E-4	1.64E-4
	CC6	-0.2392	0.2312	-0.1560	9.41E-4	7.68E-4	1.72E-4
	CC7	-0.2392	-0.0387	-0.1731	-2.63E-4	7.62E-4	1.85E-4
	CC8	-0.2424	-0.0377	-0.1733	-2.61E-4	7.73E-4	1.93E-4
	CC9	0.0810	0.4142	-0.0526	1.87E-3	-2.54E-4	-1.00E-4
	CC10	0.0714	0.4173	-0.0531	1.88E-3	-2.21E-4	-7.55E-5
	CC11	-0.0621	0.4736	-0.0908	2.09E-3	2.05E-4	6.61E-6
	CC12	-0.0717	0.4767	-0.0913	2.09E-3	2.38E-4	3.15E-5
	CC13	0.0703	-0.4821	-0.1103	-2.13E-3	-2.39E-4	-3.09E-5
	CC14	0.0607	-0.4791	-0.1108	-2.13E-3	-2.06E-4	-5.95E-6
	CC15	-0.0728	-0.4227	-0.1485	-1.92E-3	2.21E-4	7.62E-5
	CC16	-0.0824	-0.4197	-0.1490	-1.91E-3	2.53E-4	1.01E-4
<b>71</b>	CC1	0.2176	0.0322	0.0459	2.47E-4	-6.87E-4	-1.92E-4
	CC2	0.2168	0.0332	0.0474	2.47E-4	-6.83E-4	-1.84E-4

	CC3	0.2227	-0.2367	-0.0604	-8.54E-4	-7.35E-4	-1.71E-4
	CC4	0.2219	-0.2357	-0.0590	-8.54E-4	-7.31E-4	-1.63E-4
	CC5	-0.2239	0.2302	-0.1268	8.25E-4	7.37E-4	1.65E-4
	CC6	-0.2247	0.2312	-0.1254	8.26E-4	7.41E-4	1.73E-4
	CC7	-0.2188	-0.0387	-0.2331	-2.76E-4	6.89E-4	1.86E-4
	CC8	-0.2196	-0.0377	-0.2317	-2.75E-4	6.92E-4	1.94E-4
	CC9	0.0580	0.4142	0.1081	1.73E-3	-1.36E-4	-9.98E-5
	CC10	0.0556	0.4172	0.1124	1.73E-3	-1.25E-4	-7.49E-5
	CC11	-0.0744	0.4736	0.0563	1.91E-3	2.92E-4	7.24E-6
	CC12	-0.0769	0.4766	0.0606	1.91E-3	3.02E-4	3.21E-5
	CC13	0.0749	-0.4821	-0.2464	-1.94E-3	-2.96E-4	-3.02E-5
	CC14	0.0725	-0.4791	-0.2420	-1.94E-3	-2.86E-4	-5.31E-6
	CC15	-0.0575	-0.4227	-0.2982	-1.76E-3	1.31E-4	7.68E-5
	CC16	-0.0600	-0.4197	-0.2938	-1.76E-3	1.41E-4	1.02E-4
72	CC1	0.2966	0.1725	-0.0782	7.44E-4	-6.64E-4	-1.92E-4
	CC2	0.2882	0.1706	-0.0783	7.34E-4	-6.45E-4	-1.84E-4
	CC3	0.2803	-0.1039	-0.1098	-4.59E-4	-6.25E-4	-1.71E-4
	CC4	0.2718	-0.1059	-0.1099	-4.69E-4	-6.05E-4	-1.63E-4
	CC5	-0.2806	0.1015	-0.0985	5.73E-4	5.93E-4	1.65E-4
	CC6	-0.2890	0.0995	-0.0986	5.63E-4	6.12E-4	1.73E-4
	CC7	-0.2969	-0.1750	-0.1302	-6.30E-4	6.32E-4	1.85E-4
	CC8	-0.3054	-0.1770	-0.1302	-6.40E-4	6.51E-4	1.94E-4
	CC9	0.1223	0.4722	-0.0483	2.10E-3	-2.89E-4	-1.00E-4
	CC10	0.0966	0.4662	-0.0486	2.07E-3	-2.31E-4	-7.52E-5
	CC11	-0.0509	0.4509	-0.0544	2.05E-3	8.76E-5	6.97E-6
	CC12	-0.0765	0.4449	-0.0547	2.02E-3	1.46E-4	3.19E-5
	CC13	0.0678	-0.4493	-0.1538	-1.91E-3	-1.59E-4	-3.05E-5
	CC14	0.0421	-0.4554	-0.1540	-1.94E-3	-1.00E-4	-5.59E-6
	CC15	-0.1054	-0.4707	-0.1599	-1.96E-3	2.18E-4	7.66E-5
	CC16	-0.1310	-0.4767	-0.1601	-1.99E-3	2.77E-4	1.01E-4
73	CC1	0.2414	0.1727	-0.2137	7.03E-4	-8.08E-4	-1.94E-4
	CC2	0.2383	0.1707	-0.2114	6.92E-4	-7.97E-4	-1.86E-4
	CC3	0.2383	-0.1037	-0.2293	-5.57E-4	-8.03E-4	-1.73E-4
	CC4	0.2351	-0.1057	-0.2271	-5.68E-4	-7.92E-4	-1.65E-4
	CC5	-0.2352	0.1017	0.0233	5.31E-4	7.80E-4	1.63E-4
	CC6	-0.2384	0.0997	0.0256	5.19E-4	7.91E-4	1.71E-4
	CC7	-0.2384	-0.1748	0.0076	-7.29E-4	7.85E-4	1.83E-4
	CC8	-0.2416	-0.1768	0.0099	-7.40E-4	7.96E-4	1.92E-4
	CC9	0.0815	0.4724	-0.1147	2.12E-3	-2.68E-4	-1.02E-4
	CC10	0.0720	0.4664	-0.1078	2.09E-3	-2.35E-4	-7.72E-5
	CC11	-0.0615	0.4511	-0.0437	2.07E-3	2.08E-4	4.98E-6
	CC12	-0.0710	0.4451	-0.0367	2.04E-3	2.42E-4	2.99E-5
	CC13	0.0709	-0.4492	-0.1670	-2.08E-3	-2.53E-4	-3.25E-5
	CC14	0.0614	-0.4552	-0.1601	-2.11E-3	-2.20E-4	-7.58E-6
	CC15	-0.0721	-0.4705	-0.0959	-2.13E-3	2.23E-4	7.46E-5
	CC16	-0.0816	-0.4765	-0.0890	-2.16E-3	2.57E-4	9.95E-5
74	CC1	0.2177	0.1742	-0.0666	2.55E-4	-5.31E-4	-1.94E-4
	CC2	0.2169	0.1723	-0.0659	2.51E-4	-5.31E-4	-1.86E-4
	CC3	0.2228	-0.1020	-0.0840	-4.36E-4	-4.71E-4	-1.73E-4
	CC4	0.2220	-0.1039	-0.0833	-4.41E-4	-4.71E-4	-1.65E-4
	CC5	-0.2237	0.0999	-0.1206	4.08E-4	4.65E-4	1.63E-4
	CC6	-0.2245	0.0980	-0.1199	4.03E-4	4.65E-4	1.71E-4
	CC7	-0.2187	-0.1763	-0.1379	-2.84E-4	5.25E-4	1.84E-4
	CC8	-0.2195	-0.1783	-0.1372	-2.89E-4	5.25E-4	1.92E-4
	CC9	0.0581	0.4725	-0.0660	1.12E-3	-2.52E-4	-1.02E-4
	CC10	0.0557	0.4667	-0.0638	1.11E-3	-2.51E-4	-7.69E-5
	CC11	-0.0743	0.4502	-0.0822	1.17E-3	4.65E-5	5.24E-6
	CC12	-0.0768	0.4444	-0.0800	1.15E-3	4.75E-5	3.01E-5
	CC13	0.0750	-0.4484	-0.1238	-1.19E-3	-5.34E-5	-3.22E-5
	CC14	0.0726	-0.4542	-0.1217	-1.20E-3	-5.24E-5	-7.31E-6
	CC15	-0.0574	-0.4707	-0.1400	-1.14E-3	2.45E-4	7.48E-5
	CC16	-0.0599	-0.4765	-0.1379	-1.15E-3	2.46E-4	9.98E-5
75	CC1	0.2970	0.1791	-0.0786	8.42E-4	-6.51E-4	-1.92E-4
	CC2	0.2886	0.1741	-0.0788	8.24E-4	-6.33E-4	-1.84E-4
	CC3	0.2807	-0.1050	-0.1169	-3.63E-4	-6.25E-4	-1.72E-4
	CC4	0.2722	-0.1100	-0.1171	-3.81E-4	-6.07E-4	-1.63E-4
	CC5	-0.2802	0.1058	-0.1176	4.88E-4	5.78E-4	1.64E-4
	CC6	-0.2886	0.1009	-0.1178	4.70E-4	5.96E-4	1.73E-4
	CC7	-0.2965	-0.1782	-0.1560	-7.17E-4	6.04E-4	1.85E-4
	CC8	-0.3050	-0.1832	-0.1561	-7.35E-4	6.22E-4	1.94E-4
	CC9	0.1227	0.4899	-0.0474	2.14E-3	-2.70E-4	-1.00E-4
	CC10	0.0970	0.4748	-0.0479	2.09E-3	-2.15E-4	-7.53E-5

	CC11	-0.0505	0.4679	-0.0591	2.04E-3	9.89E-5	6.85E-6
	CC12	-0.0761	0.4528	-0.0596	1.98E-3	1.53E-4	3.18E-5
	CC13	0.0682	-0.4570	-0.1752	-1.87E-3	-1.82E-4	-3.06E-5
	CC14	0.0425	-0.4720	-0.1757	-1.93E-3	-1.28E-4	-5.71E-6
	CC15	-0.1050	-0.4789	-0.1869	-1.98E-3	1.86E-4	7.65E-5
	CC16	-0.1306	-0.4940	-0.1874	-2.04E-3	2.41E-4	1.01E-4
76	CC1	0.2416	0.1791	-0.1613	6.94E-4	-4.58E-4	-1.93E-4
	CC2	0.2385	0.1742	-0.1609	6.73E-4	-4.53E-4	-1.85E-4
	CC3	0.2384	-0.1049	-0.1752	-4.42E-4	-4.72E-4	-1.72E-4
	CC4	0.2352	-0.1099	-0.1749	-4.62E-4	-4.67E-4	-1.64E-4
	CC5	-0.2354	0.1059	-0.0548	3.52E-4	4.45E-4	1.64E-4
	CC6	-0.2385	0.1009	-0.0545	3.31E-4	4.50E-4	1.72E-4
	CC7	-0.2386	-0.1781	-0.0687	-7.84E-4	4.31E-4	1.85E-4
	CC8	-0.2418	-0.1831	-0.0684	-8.04E-4	4.36E-4	1.93E-4
	CC9	0.0816	0.4899	-0.1081	1.92E-3	-1.31E-4	-1.01E-4
	CC10	0.0720	0.4749	-0.1071	1.86E-3	-1.15E-4	-7.57E-5
	CC11	-0.0615	0.4680	-0.0762	1.82E-3	1.40E-4	6.45E-6
	CC12	-0.0711	0.4529	-0.0752	1.76E-3	1.55E-4	3.14E-5
	CC13	0.0709	-0.4569	-0.1545	-1.87E-3	-1.77E-4	-3.10E-5
	CC14	0.0613	-0.4719	-0.1535	-1.93E-3	-1.62E-4	-6.11E-6
	CC15	-0.0722	-0.4789	-0.1226	-1.97E-3	9.35E-5	7.60E-5
	CC16	-0.0818	-0.4939	-0.1216	-2.03E-3	1.09E-4	1.01E-4
77	CC1	0.2182	0.1791	-0.0859	4.52E-4	-7.86E-4	-1.91E-4
	CC2	0.2174	0.1741	-0.0869	4.41E-4	-7.83E-4	-1.83E-4
	CC3	0.2232	-0.1050	-0.1290	-1.86E-4	-7.76E-4	-1.70E-4
	CC4	0.2224	-0.1100	-0.1300	-1.96E-4	-7.73E-4	-1.62E-4
	CC5	-0.2233	0.1058	-0.0566	1.44E-4	7.72E-4	1.66E-4
	CC6	-0.2241	0.1009	-0.0575	1.33E-4	7.75E-4	1.74E-4
	CC7	-0.2182	-0.1782	-0.0996	-4.94E-4	7.82E-4	1.87E-4
	CC8	-0.2190	-0.1832	-0.1006	-5.04E-4	7.85E-4	1.95E-4
	CC9	0.0585	0.4899	-0.0244	1.10E-3	-2.55E-4	-9.88E-5
	CC10	0.0561	0.4748	-0.0274	1.07E-3	-2.47E-4	-7.39E-5
	CC11	-0.0739	0.4679	-0.0156	1.01E-3	2.13E-4	8.25E-6
	CC12	-0.0763	0.4528	-0.0186	9.74E-4	2.21E-4	3.32E-5
	CC13	0.0754	-0.4570	-0.1680	-1.03E-3	-2.21E-4	-2.92E-5
	CC14	0.0730	-0.4720	-0.1709	-1.06E-3	-2.13E-4	-4.30E-6
	CC15	-0.0570	-0.4789	-0.1591	-1.12E-3	2.46E-4	7.79E-5
	CC16	-0.0594	-0.4940	-0.1621	-1.15E-3	2.54E-4	1.03E-4
78	CC1	0.1986	0.1750	-0.1981	6.23E-4	-6.91E-4	-1.91E-4
	CC2	0.2006	0.1704	-0.1977	6.16E-4	-6.98E-4	-1.83E-4
	CC3	0.2100	-0.1082	-0.1243	1.10E-5	-7.54E-4	-1.70E-4
	CC4	0.2120	-0.1128	-0.1239	3.37E-6	-7.61E-4	-1.62E-4
	CC5	-0.2110	0.1107	-0.0567	1.63E-5	7.50E-4	1.66E-4
	CC6	-0.2090	0.1061	-0.0563	8.65E-6	7.44E-4	1.74E-4
	CC7	-0.1996	-0.1724	0.0171	-5.96E-4	6.87E-4	1.87E-4
	CC8	-0.1976	-0.1770	0.0175	-6.03E-4	6.81E-4	1.95E-4
	CC9	0.0399	0.4876	-0.2351	1.13E-3	-1.06E-4	-9.88E-5
	CC10	0.0460	0.4735	-0.2339	1.11E-3	-1.26E-4	-7.39E-5
	CC11	-0.0830	0.4683	-0.1927	9.51E-4	3.26E-4	8.25E-6
	CC12	-0.0769	0.4543	-0.1915	9.27E-4	3.06E-4	3.32E-5
	CC13	0.0779	-0.4563	0.0109	-9.08E-4	-3.16E-4	-2.92E-5
	CC14	0.0840	-0.4703	0.0121	-9.31E-4	-3.37E-4	-4.31E-6
	CC15	-0.0450	-0.4756	0.0533	-1.09E-3	1.16E-4	7.78E-5
	CC16	-0.0389	-0.4896	0.0545	-1.11E-3	9.58E-5	1.03E-4
79	CC1	0.2976	0.2485	-0.0472	3.25E-4	-9.45E-4	-1.88E-4
	CC2	0.2891	0.2405	-0.0484	3.19E-4	-9.18E-4	-1.80E-4
	CC3	0.2812	-0.0434	-0.1202	2.05E-5	-8.81E-4	-1.68E-4
	CC4	0.2728	-0.0514	-0.1214	1.39E-5	-8.54E-4	-1.59E-4
	CC5	-0.2796	0.0472	-0.1364	5.74E-5	8.53E-4	1.68E-4
	CC6	-0.2881	0.0392	-0.1376	5.08E-5	8.80E-4	1.77E-4
	CC7	-0.2960	-0.2446	-0.2094	-2.48E-4	9.18E-4	1.89E-4
	CC8	-0.3044	-0.2526	-0.2106	-2.54E-4	9.45E-4	1.97E-4
	CC9	0.1232	0.5267	0.0079	5.94E-4	-4.18E-4	-9.63E-5
	CC10	0.0976	0.5023	0.0044	5.74E-4	-3.36E-4	-7.14E-5
	CC11	-0.0499	0.4663	-0.0188	5.14E-4	1.21E-4	1.08E-5
	CC12	-0.0756	0.4420	-0.0224	4.94E-4	2.03E-4	3.57E-5
	CC13	0.0687	-0.4461	-0.2354	-4.22E-4	-2.04E-4	-2.67E-5
	CC14	0.0431	-0.4704	-0.2389	-4.42E-4	-1.22E-4	-1.78E-6
	CC15	-0.1044	-0.5065	-0.2621	-5.03E-4	3.35E-4	8.04E-5
	CC16	-0.1301	-0.5308	-0.2657	-5.23E-4	4.18E-4	1.05E-4
80	CC1	0.2423	0.2495	-0.1349	6.53E-4	-8.80E-4	-1.92E-4
	CC2	0.2392	0.2415	-0.1357	6.33E-4	-8.68E-4	-1.84E-4



	CC3	0.2391	-0.0424	-0.1695	-1.42E-4	-8.72E-4	-1.71E-4
	CC4	0.2359	-0.0505	-0.1704	-1.62E-4	-8.60E-4	-1.63E-4
	CC5	-0.2347	0.0466	-0.0691	1.08E-4	8.56E-4	1.65E-4
	CC6	-0.2378	0.0385	-0.0700	8.70E-5	8.69E-4	1.73E-4
	CC7	-0.2379	-0.2454	-0.1038	-6.87E-4	8.64E-4	1.86E-4
	CC8	-0.2411	-0.2534	-0.1046	-7.08E-4	8.76E-4	1.94E-4
	CC9	0.0824	0.5273	-0.0705	1.41E-3	-2.94E-4	-9.99E-5
	CC10	0.0728	0.5028	-0.0731	1.35E-3	-2.56E-4	-7.50E-5
	CC11	-0.0607	0.4664	-0.0508	1.25E-3	2.27E-4	7.19E-6
	CC12	-0.0703	0.4419	-0.0534	1.18E-3	2.64E-4	3.21E-5
	CC13	0.0716	-0.4458	-0.1861	-1.24E-3	-2.68E-4	-3.03E-5
	CC14	0.0620	-0.4703	-0.1887	-1.30E-3	-2.31E-4	-5.36E-6
	CC15	-0.0715	-0.5067	-0.1664	-1.40E-3	2.53E-4	7.68E-5
	CC16	-0.0811	-0.5312	-0.1690	-1.47E-3	2.90E-4	1.02E-4
81	CC1	0.2189	0.2487	-0.1532	-9.19E-5	-4.71E-4	-1.94E-4
	CC2	0.2181	0.2407	-0.1528	-9.32E-5	-4.68E-4	-1.86E-4
	CC3	0.2240	-0.0431	-0.1328	-1.28E-4	-4.61E-4	-1.73E-4
	CC4	0.2232	-0.0512	-0.1324	-1.29E-4	-4.59E-4	-1.65E-4
	CC5	-0.2225	0.0474	-0.0980	9.72E-5	4.44E-4	1.63E-4
	CC6	-0.2233	0.0394	-0.0976	9.59E-5	4.47E-4	1.71E-4
	CC7	-0.2175	-0.2444	-0.0776	6.10E-5	4.54E-4	1.84E-4
	CC8	-0.2183	-0.2524	-0.0771	5.97E-5	4.56E-4	1.92E-4
	CC9	0.0593	0.5269	-0.1582	1.79E-5	-1.64E-4	-1.02E-4
	CC10	0.0569	0.5025	-0.1569	1.38E-5	-1.56E-4	-7.69E-5
	CC11	-0.0731	0.4665	-0.1416	7.46E-5	1.11E-4	5.26E-6
	CC12	-0.0756	0.4422	-0.1403	7.05E-5	1.18E-4	3.02E-5
	CC13	0.0762	-0.4459	-0.0901	-1.03E-4	-1.33E-4	-3.22E-5
	CC14	0.0738	-0.4702	-0.0888	-1.07E-4	-1.26E-4	-7.29E-6
	CC15	-0.0562	-0.5063	-0.0735	-4.60E-5	1.42E-4	7.49E-5
	CC16	-0.0587	-0.5306	-0.0722	-5.01E-5	1.49E-4	9.98E-5
82	CC1	0.1985	0.2488	-0.1034	5.59E-4	-4.80E-4	-1.93E-4
	CC2	0.2005	0.2408	-0.1009	5.42E-4	-4.84E-4	-1.85E-4
	CC3	0.2099	-0.0430	-0.0195	-8.69E-5	-5.29E-4	-1.72E-4
	CC4	0.2119	-0.0511	-0.0170	-1.04E-4	-5.33E-4	-1.64E-4
	CC5	-0.2111	0.0476	-0.1944	4.62E-5	5.19E-4	1.64E-4
	CC6	-0.2091	0.0395	-0.1920	2.89E-5	5.15E-4	1.72E-4
	CC7	-0.1997	-0.2443	-0.1105	-6.00E-4	4.70E-4	1.85E-4
	CC8	-0.1977	-0.2523	-0.1080	-6.17E-4	4.66E-4	1.93E-4
	CC9	0.0398	0.5270	-0.2356	1.15E-3	-6.88E-5	-1.01E-4
	CC10	0.0459	0.5026	-0.2282	1.10E-3	-8.17E-5	-7.59E-5
	CC11	-0.0831	0.4666	-0.2630	9.97E-4	2.31E-4	6.21E-6
	CC12	-0.0770	0.4423	-0.2555	9.45E-4	2.18E-4	3.11E-5
	CC13	0.0778	-0.4458	0.0441	-1.00E-3	-2.32E-4	-3.12E-5
	CC14	0.0839	-0.4701	0.0515	-1.06E-3	-2.44E-4	-6.34E-6
	CC15	-0.0451	-0.5062	0.0167	-1.16E-3	6.82E-5	7.58E-5
	CC16	-0.0390	-0.5305	0.0242	-1.21E-3	5.53E-5	1.01E-4
83	CC1	0.2983	0.3163	-0.1399	1.38E-3	-6.43E-4	-1.93E-4
	CC2	0.2898	0.3054	-0.1414	1.34E-3	-6.27E-4	-1.85E-4
	CC3	0.2819	0.0170	-0.2102	9.85E-5	-6.19E-4	-1.72E-4
	CC4	0.2735	0.0061	-0.2117	5.48E-5	-6.03E-4	-1.64E-4
	CC5	-0.2789	-0.0093	-0.0436	4.59E-5	5.93E-4	1.64E-4
	CC6	-0.2873	-0.0203	-0.0451	2.23E-6	6.09E-4	1.72E-4
	CC7	-0.2952	-0.3087	-0.1140	-1.24E-3	6.17E-4	1.85E-4
	CC8	-0.3037	-0.3196	-0.1155	-1.28E-3	6.32E-4	1.93E-4
	CC9	0.1240	0.5627	-0.0226	2.45E-3	-2.54E-4	-1.01E-4
	CC10	0.0983	0.5294	-0.0272	2.32E-3	-2.06E-4	-7.57E-5
	CC11	-0.0492	0.4650	0.0063	2.05E-3	1.17E-4	6.43E-6
	CC12	-0.0749	0.4317	0.0017	1.92E-3	1.65E-4	3.13E-5
	CC13	0.0695	-0.4350	-0.2571	-1.82E-3	-1.75E-4	-3.10E-5
	CC14	0.0438	-0.4683	-0.2616	-1.95E-3	-1.27E-4	-6.13E-6
	CC15	-0.1037	-0.5327	-0.2282	-2.22E-3	1.95E-4	7.60E-5
	CC16	-0.1294	-0.5660	-0.2328	-2.35E-3	2.43E-4	1.01E-4
84	CC1	0.2433	0.3174	-0.0661	1.19E-3	-5.32E-5	-1.92E-4
	CC2	0.2401	0.3064	-0.0678	1.15E-3	-6.03E-5	-1.84E-4
	CC3	0.2401	0.0180	-0.1000	3.15E-5	-2.44E-4	-1.71E-4
	CC4	0.2369	0.0070	-0.1016	-9.80E-6	-2.51E-4	-1.63E-4
	CC5	-0.2337	-0.0099	-0.1459	-8.11E-5	2.78E-4	1.64E-4
	CC6	-0.2369	-0.0210	-0.1476	-1.22E-4	2.71E-4	1.73E-4
	CC7	-0.2369	-0.3094	-0.1798	-1.24E-3	8.74E-5	1.85E-4
	CC8	-0.2401	-0.3204	-0.1814	-1.28E-3	8.03E-5	1.94E-4
	CC9	0.0833	0.5633	-0.0529	2.13E-3	2.92E-4	-1.00E-4
	CC10	0.0737	0.5299	-0.0579	2.01E-3	2.71E-4	-7.53E-5

	CC11	-0.0598	0.4651	-0.0769	1.75E-3	3.92E-4	6.88E-6
	CC12	-0.0694	0.4317	-0.0818	1.63E-3	3.70E-4	3.18E-5
	CC13	0.0726	-0.4347	-0.1657	-1.72E-3	-3.43E-4	-3.06E-5
	CC14	0.0630	-0.4681	-0.1707	-1.84E-3	-3.65E-4	-5.67E-6
	CC15	-0.0705	-0.5329	-0.1897	-2.10E-3	-2.44E-4	7.65E-5
	CC16	-0.0801	-0.5663	-0.1946	-2.22E-3	-2.65E-4	1.01E-4
85	CC1	0.2198	0.3086	-0.1375	5.39E-4	-8.43E-4	-1.93E-4
	CC2	0.2190	0.2979	-0.1382	5.23E-4	-8.40E-4	-1.85E-4
	CC3	0.2249	0.0101	-0.1492	-1.21E-5	-9.04E-4	-1.73E-4
	CC4	0.2241	-0.0005	-0.1499	-2.82E-5	-9.01E-4	-1.64E-4
	CC5	-0.2217	-0.0025	-0.0780	6.18E-6	8.98E-4	1.63E-4
	CC6	-0.2225	-0.0131	-0.0786	-9.89E-6	9.01E-4	1.72E-4
	CC7	-0.2166	-0.3009	-0.0897	-5.45E-4	8.36E-4	1.84E-4
	CC8	-0.2174	-0.3116	-0.0904	-5.61E-4	8.39E-4	1.93E-4
	CC9	0.0602	0.5586	-0.1023	1.01E-3	-1.65E-4	-1.01E-4
	CC10	0.0578	0.5264	-0.1043	9.63E-4	-1.57E-4	-7.63E-5
	CC11	-0.0722	0.4653	-0.0845	8.52E-4	3.57E-4	5.82E-6
	CC12	-0.0747	0.4331	-0.0865	8.03E-4	3.66E-4	3.07E-5
	CC13	0.0771	-0.4361	-0.1414	-8.25E-4	-3.69E-4	-3.16E-5
	CC14	0.0747	-0.4683	-0.1434	-8.74E-4	-3.61E-4	-6.73E-6
	CC15	-0.0554	-0.5294	-0.1236	-9.85E-4	1.53E-4	7.54E-5
	CC16	-0.0578	-0.5617	-0.1256	-1.03E-3	1.62E-4	1.00E-4
86	CC1	0.1990	0.3157	-0.2796	5.35E-4	-6.36E-4	-1.93E-4
	CC2	0.2011	0.3048	-0.2786	5.19E-4	-6.42E-4	-1.85E-4
	CC3	0.2104	0.0165	-0.2119	-1.72E-5	-7.07E-4	-1.72E-4
	CC4	0.2125	0.0056	-0.2109	-3.35E-5	-7.13E-4	-1.64E-4
	CC5	-0.2105	-0.0084	-0.0027	-1.97E-5	7.10E-4	1.64E-4
	CC6	-0.2085	-0.0194	-0.0017	-3.60E-5	7.03E-4	1.72E-4
	CC7	-0.1992	-0.3076	0.0650	-5.72E-4	6.38E-4	1.84E-4
	CC8	-0.1971	-0.3186	0.0660	-5.88E-4	6.32E-4	1.93E-4
	CC9	0.0404	0.5624	-0.2627	1.00E-3	-7.50E-5	-1.01E-4
	CC10	0.0464	0.5293	-0.2596	9.52E-4	-9.43E-5	-7.63E-5
	CC11	-0.0825	0.4652	-0.1796	8.35E-4	3.29E-4	5.90E-6
	CC12	-0.0764	0.4321	-0.1766	7.86E-4	3.09E-4	3.08E-5
	CC13	0.0783	-0.4349	-0.0370	-8.39E-4	-3.13E-4	-3.16E-5
	CC14	0.0844	-0.4681	-0.0340	-8.88E-4	-3.32E-4	-6.66E-6
	CC15	-0.0445	-0.5322	0.0461	-1.01E-3	9.06E-5	7.55E-5
	CC16	-0.0384	-0.5653	0.0491	-1.05E-3	7.13E-5	1.00E-4
87	CC1	0.2210	0.3680	-0.1780	4.46E-4	-4.37E-4	-1.95E-4
	CC2	0.2202	0.3548	-0.1758	4.32E-4	-4.21E-4	-1.86E-4
	CC3	0.2261	0.0630	-0.1169	7.64E-5	-7.36E-5	-1.74E-4
	CC4	0.2253	0.0498	-0.1147	6.28E-5	-5.74E-5	-1.66E-4
	CC5	-0.2205	-0.0533	-0.1017	-4.66E-5	1.25E-4	1.62E-4
	CC6	-0.2213	-0.0665	-0.0994	-6.02E-5	1.41E-4	1.70E-4
	CC7	-0.2154	-0.3583	-0.0406	-4.16E-4	4.89E-4	1.83E-4
	CC8	-0.2162	-0.3715	-0.0384	-4.30E-4	5.05E-4	1.91E-4
	CC9	0.0614	0.5898	-0.2248	7.19E-4	-6.82E-4	-1.02E-4
	CC10	0.0589	0.5497	-0.2180	6.77E-4	-6.33E-4	-7.75E-5
	CC11	-0.0711	0.4634	-0.2019	5.71E-4	-5.13E-4	4.65E-6
	CC12	-0.0735	0.4233	-0.1951	5.30E-4	-4.64E-4	2.96E-5
	CC13	0.0783	-0.4269	-0.0212	-5.13E-4	5.31E-4	-3.28E-5
	CC14	0.0758	-0.4669	-0.0145	-5.55E-4	5.81E-4	-7.90E-6
	CC15	-0.0542	-0.5532	0.0017	-6.61E-4	7.00E-4	7.43E-5
	CC16	-0.0566	-0.5933	0.0084	-7.02E-4	7.49E-4	9.92E-5
88	CC1	0.1993	0.3679	-0.2635	2.81E-4	1.56E-4	-1.95E-4
	CC2	0.2013	0.3547	-0.2601	2.76E-4	1.66E-4	-1.87E-4
	CC3	0.2107	0.0629	-0.1556	8.89E-5	3.17E-4	-1.74E-4
	CC4	0.2127	0.0497	-0.1522	8.40E-5	3.26E-4	-1.66E-4
	CC5	-0.2103	-0.0533	-0.0613	-1.22E-4	-2.83E-4	1.62E-4
	CC6	-0.2083	-0.0665	-0.0579	-1.27E-4	-2.74E-4	1.70E-4
	CC7	-0.1989	-0.3583	0.0466	-3.14E-4	-1.23E-4	1.83E-4
	CC8	-0.1969	-0.3715	0.0500	-3.19E-4	-1.14E-4	1.91E-4
	CC9	0.0406	0.5897	-0.3220	3.69E-4	-1.94E-4	-1.03E-4
	CC10	0.0467	0.5497	-0.3117	3.55E-4	-1.66E-4	-7.76E-5
	CC11	-0.0823	0.4633	-0.2614	2.48E-4	-3.26E-4	4.53E-6
	CC12	-0.0762	0.4233	-0.2510	2.34E-4	-2.98E-4	2.94E-5
	CC13	0.0786	-0.4269	0.0376	-2.72E-4	3.40E-4	-3.29E-5
	CC14	0.0847	-0.4669	0.0479	-2.86E-4	3.68E-4	-8.03E-6
	CC15	-0.0443	-0.5533	0.0982	-3.92E-4	2.09E-4	7.41E-5
	CC16	-0.0382	-0.5933	0.1086	-4.07E-4	2.36E-4	9.90E-5
89	CC1	0.2995	0.3988	-0.1597	1.26E-3	-1.16E-3	-1.89E-4
	CC2	0.2910	0.3843	-0.1643	1.22E-3	-1.13E-3	-1.81E-4

	CC3	0.2831	0.0904	-0.3115	2.33E-4	-1.09E-3	-1.68E-4
	CC4	0.2747	0.0759	-0.3161	1.90E-4	-1.06E-3	-1.60E-4
	CC5	-0.2777	-0.0800	0.0762	-1.69E-4	1.09E-3	1.68E-4
	CC6	-0.2861	-0.0945	0.0715	-2.13E-4	1.13E-3	1.76E-4
	CC7	-0.2940	-0.3883	-0.0756	-1.20E-3	1.16E-3	1.89E-4
	CC8	-0.3025	-0.4029	-0.0802	-1.24E-3	1.20E-3	1.97E-4
	CC9	0.1251	0.6058	0.1047	2.00E-3	-4.89E-4	-9.65E-5
	CC10	0.0995	0.5617	0.0906	1.87E-3	-3.88E-4	-7.16E-5
	CC11	-0.0480	0.4621	0.1754	1.57E-3	1.88E-4	1.05E-5
	CC12	-0.0737	0.4181	0.1614	1.44E-3	2.89E-4	3.54E-5
	CC13	0.0707	-0.4221	-0.4013	-1.42E-3	-2.57E-4	-2.69E-5
	CC14	0.0450	-0.4662	-0.4153	-1.55E-3	-1.56E-4	-2.04E-6
	CC15	-0.1025	-0.5658	-0.3305	-1.85E-3	4.20E-4	8.01E-5
	CC16	-0.1282	-0.6098	-0.3446	-1.98E-3	5.21E-4	1.05E-4
90	CC1	0.2436	0.3980	-0.1550	1.18E-3	-7.41E-4	-1.92E-4
	CC2	0.2405	0.3835	-0.1607	1.14E-3	-7.31E-4	-1.83E-4
	CC3	0.2405	0.0897	-0.2817	2.10E-4	-7.67E-4	-1.71E-4
	CC4	0.2374	0.0752	-0.2874	1.69E-4	-7.57E-4	-1.63E-4
	CC5	-0.2329	-0.0790	0.0744	-2.11E-4	7.85E-4	1.65E-4
	CC6	-0.2360	-0.0935	0.0686	-2.52E-4	7.95E-4	1.73E-4
	CC7	-0.2360	-0.3873	-0.0523	-1.19E-3	7.59E-4	1.86E-4
	CC8	-0.2392	-0.4017	-0.0581	-1.23E-3	7.69E-4	1.94E-4
	CC9	0.0837	0.6054	0.0790	1.88E-3	-1.87E-4	-9.94E-5
	CC10	0.0742	0.5615	0.0616	1.75E-3	-1.58E-4	-7.45E-5
	CC11	-0.0592	0.4623	0.1478	1.46E-3	2.71E-4	7.67E-6
	CC12	-0.0687	0.4184	0.1304	1.33E-3	3.00E-4	3.26E-5
	CC13	0.0732	-0.4221	-0.3434	-1.37E-3	-2.72E-4	-2.98E-5
	CC14	0.0637	-0.4661	-0.3608	-1.50E-3	-2.43E-4	-4.89E-6
	CC15	-0.0697	-0.5652	-0.2746	-1.79E-3	1.85E-4	7.73E-5
	CC16	-0.0792	-0.6092	-0.2920	-1.92E-3	2.15E-4	1.02E-4
91	CC1	0.2209	0.3983	-0.2474	1.14E-3	-7.01E-4	-1.94E-4
	CC2	0.2201	0.3838	-0.2431	1.10E-3	-6.95E-4	-1.85E-4
	CC3	0.2260	0.0901	-0.1433	2.12E-4	-6.72E-4	-1.73E-4
	CC4	0.2252	0.0756	-0.1390	1.72E-4	-6.67E-4	-1.65E-4
	CC5	-0.2206	-0.0787	-0.0695	-1.76E-4	6.76E-4	1.63E-4
	CC6	-0.2214	-0.0931	-0.0651	-2.16E-4	6.82E-4	1.71E-4
	CC7	-0.2155	-0.3869	0.0346	-1.10E-3	7.05E-4	1.84E-4
	CC8	-0.2163	-0.4014	0.0390	-1.14E-3	7.11E-4	1.92E-4
	CC9	0.0613	0.6057	-0.3111	1.80E-3	-2.58E-4	-1.01E-4
	CC10	0.0589	0.5618	-0.2978	1.68E-3	-2.41E-4	-7.66E-5
	CC11	-0.0712	0.4627	-0.2577	1.40E-3	1.55E-4	5.56E-6
	CC12	-0.0736	0.4187	-0.2444	1.28E-3	1.72E-4	3.05E-5
	CC13	0.0782	-0.4218	0.0359	-1.29E-3	-1.63E-4	-3.19E-5
	CC14	0.0758	-0.4657	0.0492	-1.41E-3	-1.46E-4	-6.99E-6
	CC15	-0.0543	-0.5649	0.0893	-1.68E-3	2.51E-4	7.52E-5
	CC16	-0.0567	-0.6088	0.1026	-1.80E-3	2.68E-4	1.00E-4
92	CC1	0.1994	0.3993	-0.2744	9.68E-5	-7.03E-4	-1.96E-4
	CC2	0.2014	0.3848	-0.2704	9.71E-5	-7.10E-4	-1.88E-4
	CC3	0.2108	0.0909	-0.1553	1.50E-5	-7.66E-4	-1.75E-4
	CC4	0.2128	0.0764	-0.1512	1.52E-5	-7.73E-4	-1.67E-4
	CC5	-0.2102	-0.0795	-0.0553	-4.41E-5	7.72E-4	1.61E-4
	CC6	-0.2082	-0.0940	-0.0512	-4.38E-5	7.66E-4	1.69E-4
	CC7	-0.1988	-0.3878	0.0639	-1.26E-4	7.09E-4	1.82E-4
	CC8	-0.1968	-0.4024	0.0679	-1.26E-4	7.03E-4	1.90E-4
	CC9	0.0407	0.6063	-0.3409	1.43E-4	-1.07E-4	-1.04E-4
	CC10	0.0468	0.5622	-0.3286	1.43E-4	-1.27E-4	-7.86E-5
	CC11	-0.0822	0.4626	-0.2751	1.00E-4	3.36E-4	3.54E-6
	CC12	-0.0761	0.4186	-0.2628	1.01E-4	3.16E-4	2.84E-5
	CC13	0.0787	-0.4216	0.0563	-1.30E-4	-3.17E-4	-3.39E-5
	CC14	0.0848	-0.4657	0.0686	-1.29E-4	-3.36E-4	-9.02E-6
	CC15	-0.0442	-0.5653	0.1221	-1.72E-4	1.26E-4	7.31E-5
	CC16	-0.0381	-0.6093	0.1344	-1.72E-4	1.06E-4	9.80E-5
93	CC1	0.1987	0.0269	0.0051	2.13E-4	-7.38E-4	-1.92E-4
	CC2	0.2006	0.0281	0.0069	2.13E-4	-7.44E-4	-1.84E-4
	CC3	0.2097	-0.2414	0.1519	-7.27E-4	-7.90E-4	-1.71E-4
	CC4	0.2116	-0.2401	0.1537	-7.27E-4	-7.96E-4	-1.63E-4
	CC5	-0.2124	0.2356	-0.3299	6.95E-4	7.91E-4	1.65E-4
	CC6	-0.2105	0.2368	-0.3281	6.95E-4	7.84E-4	1.73E-4
	CC7	-0.2014	-0.0327	-0.1830	-2.45E-4	7.39E-4	1.86E-4
	CC8	-0.1995	-0.0315	-0.1813	-2.45E-4	7.32E-4	1.94E-4
	CC9	0.0401	0.4117	-0.2852	1.48E-3	-1.36E-4	-9.95E-5
	CC10	0.0457	0.4154	-0.2799	1.48E-3	-1.55E-4	-7.46E-5

	CC11	-0.0832	0.4743	-0.3857	1.62E-3	3.23E-4	7.53E-6
	CC12	-0.0776	0.4780	-0.3803	1.62E-3	3.04E-4	3.24E-5
	CC13	0.0768	-0.4826	0.2042	-1.65E-3	-3.09E-4	-2.99E-5
	CC14	0.0824	-0.4788	0.2096	-1.65E-3	-3.29E-4	-5.02E-6
	CC15	-0.0465	-0.4200	0.1037	-1.51E-3	1.49E-4	7.71E-5
	CC16	-0.0409	-0.4162	0.1091	-1.51E-3	1.30E-4	1.02E-4
94	CC1	0.1991	0.1790	-0.0785	2.60E-4	-7.43E-4	-1.95E-4
	CC2	0.2009	0.1774	-0.0776	2.54E-4	-7.39E-4	-1.86E-4
	CC3	0.2101	-0.0966	-0.0115	-4.96E-4	-3.26E-4	-1.74E-4
	CC4	0.2119	-0.0983	-0.0107	-5.01E-4	-3.22E-4	-1.66E-4
	CC5	-0.2120	0.0945	-0.1681	4.22E-4	2.76E-4	1.62E-4
	CC6	-0.2102	0.0928	-0.1672	4.17E-4	2.79E-4	1.70E-4
	CC7	-0.2010	-0.1812	-0.1011	-3.33E-4	6.92E-4	1.83E-4
	CC8	-0.1992	-0.1828	-0.1003	-3.39E-4	6.96E-4	1.91E-4
	CC9	0.0405	0.4727	-0.1889	1.20E-3	-8.76E-4	-1.02E-4
	CC10	0.0461	0.4677	-0.1862	1.19E-3	-8.66E-4	-7.76E-5
	CC11	-0.0829	0.4473	-0.2158	1.25E-3	-5.70E-4	4.59E-6
	CC12	-0.0773	0.4423	-0.2131	1.24E-3	-5.60E-4	2.95E-5
	CC13	0.0772	-0.4461	0.0343	-1.32E-3	5.14E-4	-3.29E-5
	CC14	0.0828	-0.4512	0.0370	-1.33E-3	5.24E-4	-7.96E-6
	CC15	-0.0461	-0.4715	0.0075	-1.27E-3	8.19E-4	7.42E-5
	CC16	-0.0405	-0.4765	0.0101	-1.28E-3	8.29E-4	9.91E-5
95	CC1	0.2182	-0.4295	0.1183	-1.41E-3	-8.21E-4	-1.94E-4
	CC2	0.2173	-0.4088	0.1082	-1.34E-3	-8.18E-4	-1.86E-4
	CC3	0.2229	-0.6483	0.2309	-2.21E-3	-8.38E-4	-1.73E-4
	CC4	0.2220	-0.6277	0.2208	-2.14E-3	-8.35E-4	-1.65E-4
	CC5	-0.2255	0.6235	-0.3920	2.11E-3	8.31E-4	1.63E-4
	CC6	-0.2264	0.6442	-0.4020	2.18E-3	8.34E-4	1.71E-4
	CC7	-0.2208	0.4046	-0.2794	1.32E-3	8.14E-4	1.84E-4
	CC8	-0.2217	0.4253	-0.2894	1.39E-3	8.17E-4	1.92E-4
	CC9	0.0584	0.1733	-0.1814	6.84E-4	-2.26E-4	-1.02E-4
	CC10	0.0555	0.2361	-0.2119	8.96E-4	-2.17E-4	-7.68E-5
	CC11	-0.0747	0.4892	-0.3345	1.74E-3	2.70E-4	5.39E-6
	CC12	-0.0776	0.5520	-0.3650	1.95E-3	2.79E-4	3.03E-5
	CC13	0.0741	-0.5562	0.1939	-1.97E-3	-2.83E-4	-3.21E-5
	CC14	0.0712	-0.4934	0.1634	-1.76E-3	-2.74E-4	-7.17E-6
	CC15	-0.0590	-0.2403	0.0408	-9.18E-4	2.13E-4	7.50E-5
	CC16	-0.0619	-0.1775	0.0103	-7.07E-4	2.22E-4	9.99E-5
96	CC1	0.2405	-0.4298	0.1203	-1.38E-3	-8.95E-4	-1.93E-4
	CC2	0.2371	-0.4091	0.1263	-1.32E-3	-8.82E-4	-1.85E-4
	CC3	0.2369	-0.6487	0.0374	-2.17E-3	-8.87E-4	-1.72E-4
	CC4	0.2335	-0.6280	0.0434	-2.10E-3	-8.74E-4	-1.64E-4
	CC5	-0.2393	0.6232	-0.2205	2.08E-3	8.66E-4	1.64E-4
	CC6	-0.2426	0.6438	-0.2145	2.14E-3	8.79E-4	1.72E-4
	CC7	-0.2428	0.4043	-0.3035	1.29E-3	8.74E-4	1.84E-4
	CC8	-0.2462	0.4250	-0.2974	1.36E-3	8.87E-4	1.93E-4
	CC9	0.0801	0.1730	0.0916	6.69E-4	-3.01E-4	-1.01E-4
	CC10	0.0700	0.2358	0.1099	8.76E-4	-2.62E-4	-7.63E-5
	CC11	-0.0638	0.4889	-0.0106	1.71E-3	2.27E-4	5.89E-6
	CC12	-0.0739	0.5517	0.0076	1.91E-3	2.66E-4	3.08E-5
	CC13	0.0682	-0.5565	-0.1847	-1.94E-3	-2.74E-4	-3.16E-5
	CC14	0.0581	-0.4937	-0.1665	-1.73E-3	-2.35E-4	-6.66E-6
	CC15	-0.0757	-0.2406	-0.2870	-8.98E-4	2.54E-4	7.55E-5
	CC16	-0.0859	-0.1778	-0.2688	-6.90E-4	2.93E-4	1.00E-4
97	CC1	0.2225	0.4358	-0.3788	1.63E-3	-8.01E-4	-1.88E-4
	CC2	0.2216	0.4197	-0.3734	1.57E-3	-7.91E-4	-1.80E-4
	CC3	0.2272	0.1235	-0.2767	3.46E-4	-7.13E-4	-1.67E-4
	CC4	0.2263	0.1074	-0.2713	2.89E-4	-7.04E-4	-1.59E-4
	CC5	-0.2212	-0.1107	0.0626	-3.04E-4	7.03E-4	1.69E-4
	CC6	-0.2221	-0.1268	0.0680	-3.61E-4	7.12E-4	1.77E-4
	CC7	-0.2165	-0.4231	0.1647	-1.59E-3	7.90E-4	1.90E-4
	CC8	-0.2174	-0.4391	0.1701	-1.64E-3	7.99E-4	1.98E-4
	CC9	0.0627	0.6253	-0.3490	2.51E-3	-3.86E-4	-9.59E-5
	CC10	0.0598	0.5765	-0.3326	2.33E-3	-3.57E-4	-7.10E-5
	CC11	-0.0704	0.4613	-0.2166	1.93E-3	6.49E-5	1.11E-5
	CC12	-0.0733	0.4125	-0.2002	1.75E-3	9.43E-5	3.61E-5
	CC13	0.0784	-0.4158	-0.0085	-1.77E-3	-9.55E-5	-2.63E-5
	CC14	0.0755	-0.4646	0.0079	-1.94E-3	-6.62E-5	-1.41E-6
	CC15	-0.0547	-0.5798	0.1239	-2.35E-3	3.55E-4	8.07E-5
	CC16	-0.0576	-0.6286	0.1403	-2.52E-3	3.85E-4	1.06E-4
98	CC1	0.2456	0.4315	-0.1754	1.63E-3	-7.34E-4	-1.94E-4
	CC2	0.2423	0.4156	-0.1815	1.58E-3	-7.28E-4	-1.86E-4

	CC3	0.2421	0.1196	-0.3485	3.41E-4	-8.40E-4	-1.73E-4
	CC4	0.2388	0.1037	-0.3546	2.83E-4	-8.34E-4	-1.65E-4
	CC5	-0.2336	-0.1079	0.1424	-2.98E-4	8.36E-4	1.63E-4
	CC6	-0.2369	-0.1238	0.1363	-3.56E-4	8.42E-4	1.71E-4
	CC7	-0.2371	-0.4198	-0.0307	-1.59E-3	7.30E-4	1.84E-4
	CC8	-0.2404	-0.4357	-0.0368	-1.65E-3	7.36E-4	1.92E-4
	CC9	0.0854	0.6228	0.1439	2.52E-3	-6.69E-5	-1.02E-4
	CC10	0.0754	0.5745	0.1256	2.35E-3	-4.85E-5	-7.69E-5
	CC11	-0.0584	0.4610	0.2393	1.94E-3	4.04E-4	5.21E-6
	CC12	-0.0684	0.4127	0.2209	1.77E-3	4.22E-4	3.01E-5
	CC13	0.0736	-0.4169	-0.4331	-1.79E-3	-4.21E-4	-3.23E-5
	CC14	0.0636	-0.4652	-0.4514	-1.96E-3	-4.03E-4	-7.35E-6
	CC15	-0.0701	-0.5787	-0.3377	-2.36E-3	5.01E-5	7.48E-5
	CC16	-0.0801	-0.6270	-0.3561	-2.54E-3	6.85E-5	9.97E-5
<b>99</b>	CC1	0.2349	0.4323	-0.2512	1.31E-3	-1.07E-3	-1.97E-4
	CC2	0.2327	0.4164	-0.2520	1.27E-3	-1.05E-3	-1.89E-4
	CC3	0.2326	0.1203	-0.2997	2.87E-4	-7.28E-4	-1.76E-4
	CC4	0.2304	0.1044	-0.3005	2.42E-4	-7.04E-4	-1.68E-4
	CC5	-0.2271	-0.1081	0.0900	-2.03E-4	7.05E-4	1.60E-4
	CC6	-0.2293	-0.1240	0.0892	-2.47E-4	7.29E-4	1.68E-4
	CC7	-0.2293	-0.4200	0.0415	-1.23E-3	1.05E-3	1.81E-4
	CC8	-0.2316	-0.4360	0.0407	-1.27E-3	1.07E-3	1.89E-4
	CC9	0.0781	0.6234	-0.0744	2.02E-3	-8.79E-4	-1.05E-4
	CC10	0.0714	0.5750	-0.0769	1.89E-3	-8.05E-4	-7.98E-5
	CC11	-0.0604	0.4613	0.0280	1.57E-3	-3.45E-4	2.35E-6
	CC12	-0.0672	0.4129	0.0255	1.43E-3	-2.72E-4	2.73E-5
	CC13	0.0705	-0.4165	-0.2360	-1.39E-3	2.73E-4	-3.51E-5
	CC14	0.0638	-0.4649	-0.2385	-1.53E-3	3.46E-4	-1.02E-5
	CC15	-0.0681	-0.5787	-0.1336	-1.85E-3	8.06E-4	7.19E-5
	CC16	-0.0748	-0.6270	-0.1361	-1.98E-3	8.79E-4	9.69E-5
<b>100</b>	CC1	0.2257	0.4325	-0.3246	1.18E-3	-7.60E-4	-1.83E-4
	CC2	0.2243	0.4165	-0.3215	1.14E-3	-7.54E-4	-1.75E-4
	CC3	0.2295	0.1205	-0.2724	1.72E-4	-7.54E-4	-1.62E-4
	CC4	0.2281	0.1046	-0.2693	1.31E-4	-7.48E-4	-1.54E-4
	CC5	-0.2241	-0.1079	0.0601	-1.65E-4	7.47E-4	1.74E-4
	CC6	-0.2255	-0.1238	0.0633	-2.06E-4	7.52E-4	1.82E-4
	CC7	-0.2203	-0.4199	0.1123	-1.18E-3	7.53E-4	1.95E-4
	CC8	-0.2217	-0.4358	0.1155	-1.22E-3	7.59E-4	2.03E-4
	CC9	0.0653	0.6235	-0.2541	1.94E-3	-2.45E-4	-9.07E-5
	CC10	0.0610	0.5752	-0.2445	1.81E-3	-2.28E-4	-6.58E-5
	CC11	-0.0697	0.4614	-0.1387	1.53E-3	2.07E-4	1.64E-5
	CC12	-0.0739	0.4130	-0.1291	1.41E-3	2.23E-4	4.13E-5
	CC13	0.0779	-0.4164	-0.0801	-1.44E-3	-2.25E-4	-2.11E-5
	CC14	0.0737	-0.4648	-0.0705	-1.56E-3	-2.08E-4	3.85E-6
	CC15	-0.0570	-0.5785	0.0353	-1.85E-3	2.27E-4	8.60E-5
	CC16	-0.0613	-0.6269	0.0449	-1.97E-3	2.44E-4	1.11E-4
<b>101</b>	CC1	0.7203	-0.9355	-0.2261	-1.03E-3	-1.14E-3	-4.79E-4
	CC2	0.6991	-0.8887	-0.2206	-9.73E-4	-1.11E-3	-4.59E-4
	CC3	0.6674	-1.5025	-0.3397	-1.74E-3	-1.04E-3	-3.99E-4
	CC4	0.6462	-1.4557	-0.3342	-1.69E-3	-1.01E-3	-3.78E-4
	CC5	-0.6541	1.4408	0.1205	1.69E-3	9.63E-4	3.92E-4
	CC6	-0.6753	1.4875	0.1259	1.74E-3	9.95E-4	4.12E-4
	CC7	-0.7069	0.8737	0.0069	9.75E-4	1.06E-3	4.72E-4
	CC8	-0.7281	0.9205	0.0123	1.03E-3	1.09E-3	4.93E-4
	CC9	0.3225	0.5102	0.0222	7.02E-4	-5.46E-4	-2.89E-4
	CC10	0.2581	0.6521	0.0387	8.63E-4	-4.49E-4	-2.27E-4
	CC11	-0.0898	1.2230	0.1262	1.52E-3	8.39E-5	-2.75E-5
	CC12	-0.1542	1.3650	0.1427	1.68E-3	1.82E-4	3.43E-5
	CC13	0.1463	-1.3799	-0.3564	-1.67E-3	-2.29E-4	-2.07E-5
	CC14	0.0819	-1.2380	-0.3399	-1.51E-3	-1.31E-4	4.11E-5
	CC15	-0.2660	-0.6670	-0.2524	-8.61E-4	4.01E-4	2.41E-4
	CC16	-0.3304	-0.5251	-0.2360	-7.00E-4	4.99E-4	3.02E-4
<b>102</b>	CC1	0.5683	-0.9353	-0.2450	-1.25E-3	-8.04E-4	-4.84E-4
	CC2	0.5603	-0.8885	-0.2372	-1.18E-3	-7.96E-4	-4.64E-4
	CC3	0.5654	-1.5023	-0.3422	-2.07E-3	-7.63E-4	-4.04E-4
	CC4	0.5573	-1.4555	-0.3345	-2.01E-3	-7.55E-4	-3.84E-4
	CC5	-0.5557	1.4409	0.1470	1.94E-3	6.79E-4	3.87E-4
	CC6	-0.5638	1.4877	0.1547	2.00E-3	6.86E-4	4.07E-4
	CC7	-0.5587	0.8739	0.0497	1.12E-3	7.20E-4	4.67E-4
	CC8	-0.5668	0.9207	0.0575	1.18E-3	7.27E-4	4.88E-4
	CC9	0.1866	0.5103	-0.0023	7.64E-4	-3.40E-4	-2.94E-4
	CC10	0.1621	0.6523	0.0213	9.52E-4	-3.18E-4	-2.32E-4

	CC11	-0.1506	1.2232	0.1153	1.72E-3	1.04E-4	-3.26E-5
	CC12	-0.1751	1.3651	0.1389	1.91E-3	1.27E-4	2.91E-5
	CC13	0.1767	-1.3798	-0.3264	-1.98E-3	-2.03E-4	-2.58E-5
	CC14	0.1522	-1.2378	-0.3028	-1.79E-3	-1.81E-4	3.59E-5
	CC15	-0.1605	-0.6669	-0.2088	-1.02E-3	2.41E-4	2.35E-4
	CC16	-0.1850	-0.5250	-0.1852	-8.31E-4	2.64E-4	2.97E-4
<b>103</b>	CC1	0.5076	-0.9351	0.1677	-1.56E-3	-8.24E-4	-4.86E-4
	CC2	0.5054	-0.8883	0.1546	-1.48E-3	-8.20E-4	-4.66E-4
	CC3	0.5319	-1.5021	0.3278	-2.60E-3	-8.87E-4	-4.06E-4
	CC4	0.5297	-1.4553	0.3148	-2.52E-3	-8.83E-4	-3.85E-4
	CC5	-0.5277	1.4411	-0.4909	2.48E-3	8.44E-4	3.85E-4
	CC6	-0.5299	1.4879	-0.5039	2.56E-3	8.48E-4	4.05E-4
	CC7	-0.5034	0.8741	-0.3308	1.44E-3	7.81E-4	4.65E-4
	CC8	-0.5056	0.9209	-0.3438	1.52E-3	7.85E-4	4.86E-4
	CC9	0.1192	0.5105	-0.2364	9.81E-4	-1.72E-4	-2.96E-4
	CC10	0.1125	0.6525	-0.2759	1.22E-3	-1.59E-4	-2.34E-4
	CC11	-0.1914	1.2234	-0.4340	2.19E-3	3.28E-4	-3.46E-5
	CC12	-0.1981	1.3653	-0.4735	2.43E-3	3.42E-4	2.72E-5
	CC13	0.2001	-1.3795	0.2974	-2.47E-3	-3.81E-4	-2.78E-5
	CC14	0.1934	-1.2376	0.2579	-2.23E-3	-3.67E-4	3.40E-5
	CC15	-0.1105	-0.6667	0.0998	-1.26E-3	1.20E-4	2.34E-4
	CC16	-0.1172	-0.5247	0.0603	-1.02E-3	1.33E-4	2.95E-4
<b>104</b>	CC1	0.7205	-0.7249	-0.1549	-1.22E-3	-5.90E-4	-4.84E-4
	CC2	0.6993	-0.6870	-0.1534	-1.16E-3	-5.75E-4	-4.64E-4
	CC3	0.6676	-1.3269	-0.1936	-2.42E-3	-4.74E-4	-4.03E-4
	CC4	0.6464	-1.2889	-0.1922	-2.35E-3	-4.60E-4	-3.83E-4
	CC5	-0.6539	1.2731	-0.0410	2.36E-3	4.73E-4	3.87E-4
	CC6	-0.6751	1.3110	-0.0395	2.43E-3	4.87E-4	4.08E-4
	CC7	-0.7067	0.6712	-0.0797	1.17E-3	5.88E-4	4.68E-4
	CC8	-0.7279	0.7091	-0.0782	1.24E-3	6.02E-4	4.88E-4
	CC9	0.3227	0.6381	-0.0714	1.36E-3	-3.67E-4	-2.94E-4
	CC10	0.2583	0.7532	-0.0669	1.56E-3	-3.24E-4	-2.32E-4
	CC11	-0.0896	1.2375	-0.0372	2.43E-3	-4.83E-5	-3.23E-5
	CC12	-0.1540	1.3526	-0.0327	2.64E-3	-5.15E-6	2.95E-5
	CC13	0.1465	-1.3684	-0.2005	-2.62E-3	1.81E-5	-2.55E-5
	CC14	0.0822	-1.2533	-0.1960	-2.42E-3	6.12E-5	3.63E-5
	CC15	-0.2658	-0.7690	-0.1663	-1.55E-3	3.37E-4	2.36E-4
	CC16	-0.3301	-0.6539	-0.1618	-1.34E-3	3.80E-4	2.98E-4
<b>105</b>	CC1	0.5683	-0.7241	-0.1662	-1.23E-3	1.94E-4	-4.86E-4
	CC2	0.5602	-0.6862	-0.1646	-1.17E-3	1.82E-4	-4.66E-4
	CC3	0.5653	-1.3261	-0.1908	-2.29E-3	3.61E-4	-4.06E-4
	CC4	0.5572	-1.2881	-0.1891	-2.22E-3	3.49E-4	-3.85E-4
	CC5	-0.5558	1.2739	-0.0521	2.13E-3	-4.19E-4	3.85E-4
	CC6	-0.5638	1.3118	-0.0505	2.20E-3	-4.30E-4	4.05E-4
	CC7	-0.5588	0.6720	-0.0767	1.08E-3	-2.52E-4	4.66E-4
	CC8	-0.5668	0.7099	-0.0750	1.14E-3	-2.63E-4	4.86E-4
	CC9	0.1866	0.6388	-0.0994	1.11E-3	-2.03E-4	-2.96E-4
	CC10	0.1621	0.7540	-0.0943	1.31E-3	-2.39E-4	-2.34E-4
	CC11	-0.1507	1.2383	-0.0651	2.12E-3	-3.87E-4	-3.44E-5
	CC12	-0.1751	1.3534	-0.0601	2.32E-3	-4.23E-4	2.74E-5
	CC13	0.1766	-1.3676	-0.1811	-2.40E-3	3.53E-4	-2.76E-5
	CC14	0.1521	-1.2525	-0.1761	-2.21E-3	3.18E-4	3.42E-5
	CC15	-0.1606	-0.7682	-0.1469	-1.40E-3	1.70E-4	2.34E-4
	CC16	-0.1851	-0.6531	-0.1419	-1.20E-3	1.34E-4	2.96E-4
<b>106</b>	CC1	0.5074	-0.7240	-0.0575	-1.21E-3	-4.33E-4	-4.86E-4
	CC2	0.5052	-0.6860	-0.0593	-1.15E-3	-4.24E-4	-4.66E-4
	CC3	0.5317	-1.3259	-0.0285	-2.37E-3	-5.43E-4	-4.06E-4
	CC4	0.5295	-1.2880	-0.0303	-2.30E-3	-5.34E-4	-3.85E-4
	CC5	-0.5278	1.2740	-0.1697	2.26E-3	5.26E-4	3.85E-4
	CC6	-0.5300	1.3120	-0.1715	2.32E-3	5.35E-4	4.06E-4
	CC7	-0.5035	0.6721	-0.1407	1.10E-3	4.16E-4	4.66E-4
	CC8	-0.5057	0.7100	-0.1425	1.17E-3	4.25E-4	4.86E-4
	CC9	0.1190	0.6390	-0.1288	1.28E-3	2.24E-5	-2.96E-4
	CC10	0.1123	0.7541	-0.1343	1.48E-3	4.95E-5	-2.34E-4
	CC11	-0.1916	1.2384	-0.1625	2.32E-3	3.10E-4	-3.43E-5
	CC12	-0.1982	1.3535	-0.1679	2.52E-3	3.37E-4	2.75E-5
	CC13	0.2000	-1.3675	-0.0321	-2.57E-3	-3.45E-4	-2.75E-5
	CC14	0.1933	-1.2524	-0.0376	-2.37E-3	-3.18E-4	3.43E-5
	CC15	-0.1106	-0.7681	-0.0658	-1.53E-3	-5.73E-5	2.34E-4
	CC16	-0.1172	-0.6529	-0.0712	-1.33E-3	-3.03E-5	2.96E-4
<b>107</b>	CC1	0.7206	-0.5485	-0.1095	-9.12E-4	-5.95E-4	-4.85E-4
	CC2	0.6994	-0.5179	-0.1090	-8.57E-4	-5.78E-4	-4.65E-4

	CC3	0.6678	-1.1796	-0.0686	-2.16E-3	-5.40E-4	-4.05E-4
	CC4	0.6466	-1.1491	-0.0680	-2.10E-3	-5.23E-4	-3.84E-4
	CC5	-0.6537	1.1334	-0.1578	2.12E-3	5.19E-4	3.86E-4
	CC6	-0.6749	1.1640	-0.1573	2.17E-3	5.36E-4	4.06E-4
	CC7	-0.7066	0.5023	-0.1169	8.73E-4	5.74E-4	4.66E-4
	CC8	-0.7278	0.5329	-0.1163	9.29E-4	5.91E-4	4.87E-4
	CC9	0.3228	0.7454	-0.1747	1.54E-3	-2.86E-4	-2.95E-4
	CC10	0.2585	0.8381	-0.1731	1.71E-3	-2.35E-4	-2.33E-4
	CC11	-0.0895	1.2500	-0.1891	2.45E-3	4.81E-5	-3.35E-5
	CC12	-0.1538	1.3427	-0.1876	2.62E-3	9.98E-5	2.83E-5
	CC13	0.1466	-1.3583	-0.0383	-2.60E-3	-1.04E-4	-2.67E-5
	CC14	0.0823	-1.2656	-0.0367	-2.43E-3	-5.20E-5	3.51E-5
	CC15	-0.2657	-0.8537	-0.0528	-1.69E-3	2.31E-4	2.35E-4
	CC16	-0.3300	-0.7611	-0.0512	-1.53E-3	2.82E-4	2.96E-4
<b>108</b>	CC1	0.5681	-0.5477	-0.1047	-9.13E-4	-4.71E-4	-4.84E-4
	CC2	0.5601	-0.5171	-0.1046	-8.61E-4	-4.63E-4	-4.64E-4
	CC3	0.5651	-1.1788	-0.1126	-2.04E-3	-5.13E-4	-4.04E-4
	CC4	0.5571	-1.1483	-0.1124	-1.99E-3	-5.05E-4	-3.83E-4
	CC5	-0.5559	1.1342	-0.1277	1.89E-3	5.00E-4	3.87E-4
	CC6	-0.5640	1.1648	-0.1276	1.95E-3	5.08E-4	4.07E-4
	CC7	-0.5589	0.5031	-0.1355	7.66E-4	4.58E-4	4.67E-4
	CC8	-0.5670	0.5336	-0.1354	8.17E-4	4.66E-4	4.88E-4
	CC9	0.1864	0.7462	-0.1038	1.33E-3	-8.94E-5	-2.94E-4
	CC10	0.1619	0.8389	-0.1034	1.49E-3	-6.53E-5	-2.32E-4
	CC11	-0.1508	1.2508	-0.1107	2.18E-3	2.02E-4	-3.26E-5
	CC12	-0.1753	1.3435	-0.1103	2.33E-3	2.26E-4	2.92E-5
	CC13	0.1764	-1.3575	-0.1298	-2.43E-3	-2.31E-4	-2.58E-5
	CC14	0.1520	-1.2648	-0.1295	-2.27E-3	-2.07E-4	3.60E-5
	CC15	-0.1608	-0.8530	-0.1367	-1.59E-3	6.01E-5	2.36E-4
	CC16	-0.1853	-0.7603	-0.1364	-1.43E-3	8.42E-5	2.97E-4
<b>109</b>	CC1	0.5074	-0.5475	-0.0761	-8.94E-4	-4.09E-4	-4.86E-4
	CC2	0.5052	-0.5170	-0.0769	-8.42E-4	-4.08E-4	-4.65E-4
	CC3	0.5317	-1.1787	-0.0579	-2.04E-3	-4.23E-4	-4.05E-4
	CC4	0.5295	-1.1481	-0.0587	-1.99E-3	-4.22E-4	-3.85E-4
	CC5	-0.5279	1.1344	-0.1410	1.94E-3	4.06E-4	3.85E-4
	CC6	-0.5301	1.1649	-0.1419	1.99E-3	4.07E-4	4.06E-4
	CC7	-0.5036	0.5032	-0.1228	7.91E-4	3.93E-4	4.66E-4
	CC8	-0.5058	0.5338	-0.1237	8.43E-4	3.94E-4	4.86E-4
	CC9	0.1190	0.7464	-0.1192	1.38E-3	-1.09E-4	-2.96E-4
	CC10	0.1123	0.8391	-0.1217	1.54E-3	-1.06E-4	-2.34E-4
	CC11	-0.1916	1.2509	-0.1387	2.23E-3	1.35E-4	-3.42E-5
	CC12	-0.1983	1.3436	-0.1412	2.39E-3	1.38E-4	2.76E-5
	CC13	0.1999	-1.3574	-0.0585	-2.44E-3	-1.54E-4	-2.74E-5
	CC14	0.1932	-1.2647	-0.0610	-2.28E-3	-1.51E-4	3.44E-5
	CC15	-0.1107	-0.8528	-0.0780	-1.59E-3	9.10E-5	2.34E-4
	CC16	-0.1174	-0.7601	-0.0805	-1.43E-3	9.40E-5	2.96E-4
<b>110</b>	CC1	0.7207	-0.3716	-0.0818	-3.70E-4	-6.09E-4	-4.84E-4
	CC2	0.6995	-0.3485	-0.0814	-3.41E-4	-5.91E-4	-4.64E-4
	CC3	0.6679	-1.0319	-0.1018	-1.26E-3	-5.31E-4	-4.04E-4
	CC4	0.6467	-1.0088	-0.1014	-1.23E-3	-5.14E-4	-3.83E-4
	CC5	-0.6536	0.9942	-0.1213	1.32E-3	5.09E-4	3.87E-4
	CC6	-0.6748	1.0173	-0.1209	1.35E-3	5.26E-4	4.07E-4
	CC7	-0.7065	0.3339	-0.1414	4.27E-4	5.86E-4	4.67E-4
	CC8	-0.7277	0.3570	-0.1410	4.56E-4	6.03E-4	4.88E-4
	CC9	0.3229	0.8532	-0.0726	1.23E-3	-3.25E-4	-2.94E-4
	CC10	0.2586	0.9235	-0.0714	1.32E-3	-2.73E-4	-2.32E-4
	CC11	-0.0894	1.2630	-0.0845	1.74E-3	1.07E-5	-3.24E-5
	CC12	-0.1537	1.3332	-0.0833	1.82E-3	6.26E-5	2.94E-5
	CC13	0.1468	-1.3478	-0.1395	-1.74E-3	-6.78E-5	-2.56E-5
	CC14	0.0824	-1.2775	-0.1383	-1.65E-3	-1.60E-5	3.62E-5
	CC15	-0.2655	-0.9381	-0.1513	-1.23E-3	2.67E-4	2.36E-4
	CC16	-0.3299	-0.8678	-0.1501	-1.15E-3	3.19E-4	2.98E-4
<b>111</b>	CC1	0.5680	-0.3713	-0.0729	-2.26E-4	-4.36E-4	-4.85E-4
	CC2	0.5599	-0.3482	-0.0723	-2.17E-4	-4.30E-4	-4.64E-4
	CC3	0.5650	-1.0316	-0.1048	-5.16E-4	-4.52E-4	-4.04E-4
	CC4	0.5569	-1.0085	-0.1041	-5.07E-4	-4.47E-4	-3.84E-4
	CC5	-0.5561	0.9945	-0.1377	3.89E-4	4.30E-4	3.87E-4
	CC6	-0.5642	1.0176	-0.1371	3.99E-4	4.36E-4	4.07E-4
	CC7	-0.5591	0.3341	-0.1695	9.90E-5	4.14E-4	4.67E-4
	CC8	-0.5672	0.3573	-0.1689	1.08E-4	4.20E-4	4.87E-4
	CC9	0.1862	0.8535	-0.0591	3.18E-4	-1.20E-4	-2.94E-4
	CC10	0.1617	0.9238	-0.0573	3.47E-4	-1.02E-4	-2.32E-4

	CC11	-0.1510	1.2632	-0.0785	5.03E-4	1.40E-4	-3.29E-5
	CC12	-0.1755	1.3335	-0.0767	5.31E-4	1.57E-4	2.89E-5
	CC13	0.1763	-1.3475	-0.1652	-6.49E-4	-1.74E-4	-2.61E-5
	CC14	0.1518	-1.2773	-0.1633	-6.21E-4	-1.56E-4	3.57E-5
	CC15	-0.1609	-0.9378	-0.1846	-4.65E-4	8.57E-5	2.35E-4
	CC16	-0.1854	-0.8675	-0.1828	-4.36E-4	1.03E-4	2.97E-4
<b>112</b>	CC1	0.5073	-0.3713	-0.0721	-2.64E-4	-4.06E-4	-4.85E-4
	CC2	0.5051	-0.3482	-0.0736	-2.52E-4	-4.04E-4	-4.65E-4
	CC3	0.5316	-1.0316	-0.0272	-6.16E-4	-4.29E-4	-4.05E-4
	CC4	0.5294	-1.0085	-0.0287	-6.05E-4	-4.27E-4	-3.84E-4
	CC5	-0.5280	0.9945	-0.1765	4.77E-4	4.12E-4	3.86E-4
	CC6	-0.5302	1.0176	-0.1780	4.89E-4	4.14E-4	4.06E-4
	CC7	-0.5038	0.3342	-0.1316	1.25E-4	3.89E-4	4.66E-4
	CC8	-0.5060	0.3573	-0.1331	1.36E-4	3.91E-4	4.87E-4
	CC9	0.1189	0.8535	-0.1595	3.96E-4	-9.50E-5	-2.95E-4
	CC10	0.1122	0.9238	-0.1640	4.30E-4	-8.82E-5	-2.33E-4
	CC11	-0.1917	1.2632	-0.1909	6.18E-4	1.50E-4	-3.34E-5
	CC12	-0.1984	1.3335	-0.1953	6.52E-4	1.57E-4	2.84E-5
	CC13	0.1998	-1.3475	-0.0099	-7.80E-4	-1.72E-4	-2.66E-5
	CC14	0.1931	-1.2773	-0.0144	-7.45E-4	-1.65E-4	3.52E-5
	CC15	-0.1108	-0.9378	-0.0412	-5.58E-4	7.34E-5	2.35E-4
	CC16	-0.1175	-0.8675	-0.0457	-5.23E-4	8.02E-5	2.97E-4
<b>113</b>	CC1	0.7208	-0.1965	-0.1165	-2.53E-4	-6.15E-4	-4.83E-4
	CC2	0.6996	-0.1807	-0.1164	-2.25E-4	-5.97E-4	-4.62E-4
	CC3	0.6680	-0.8860	-0.0839	-1.63E-3	-5.52E-4	-4.02E-4
	CC4	0.6468	-0.8702	-0.0838	-1.60E-3	-5.34E-4	-3.82E-4
	CC5	-0.6535	0.8534	-0.1377	1.61E-3	5.23E-4	3.89E-4
	CC6	-0.6747	0.8691	-0.1376	1.64E-3	5.41E-4	4.09E-4
	CC7	-0.7064	0.1639	-0.1051	2.37E-4	5.86E-4	4.69E-4
	CC8	-0.7276	0.1797	-0.1050	2.66E-4	6.03E-4	4.89E-4
	CC9	0.3230	0.9593	-0.1621	1.98E-3	-3.07E-4	-2.92E-4
	CC10	0.2587	1.0072	-0.1617	2.06E-3	-2.54E-4	-2.30E-4
	CC11	-0.0893	1.2743	-0.1685	2.54E-3	3.39E-5	-3.09E-5
	CC12	-0.1536	1.3221	-0.1681	2.62E-3	8.69E-5	3.08E-5
	CC13	0.1468	-1.3390	-0.0534	-2.61E-3	-9.82E-5	-2.41E-5
	CC14	0.0825	-1.2911	-0.0531	-2.52E-3	-4.52E-5	3.76E-5
	CC15	-0.2655	-1.0240	-0.0598	-2.05E-3	2.43E-4	2.37E-4
	CC16	-0.3298	-0.9762	-0.0594	-1.96E-3	2.96E-4	2.99E-4
<b>114</b>	CC1	0.5678	-0.1957	0.0101	-2.03E-4	4.68E-5	-4.84E-4
	CC2	0.5598	-0.1799	0.0092	-1.80E-4	4.65E-5	-4.64E-4
	CC3	0.5648	-0.8852	-0.0099	-1.50E-3	7.20E-5	-4.04E-4
	CC4	0.5568	-0.8694	-0.0108	-1.48E-3	7.17E-5	-3.84E-4
	CC5	-0.5562	0.8541	-0.2330	1.39E-3	-2.78E-5	3.87E-4
	CC6	-0.5643	0.8699	-0.2339	1.41E-3	-2.81E-5	4.07E-4
	CC7	-0.5592	0.1647	-0.2529	9.32E-5	-2.56E-6	4.67E-4
	CC8	-0.5673	0.1804	-0.2539	1.16E-4	-2.85E-6	4.87E-4
	CC9	0.1861	0.9601	-0.0507	1.85E-3	-8.47E-6	-2.94E-4
	CC10	0.1616	1.0080	-0.0536	1.92E-3	-9.35E-6	-2.32E-4
	CC11	-0.1511	1.2751	-0.1237	2.32E-3	-3.08E-5	-3.28E-5
	CC12	-0.1756	1.3229	-0.1265	2.39E-3	-3.17E-5	2.90E-5
	CC13	0.1761	-1.3382	-0.1173	-2.48E-3	7.56E-5	-2.60E-5
	CC14	0.1517	-1.2904	-0.1201	-2.41E-3	7.47E-5	3.58E-5
	CC15	-0.1611	-1.0233	-0.1902	-2.00E-3	5.33E-5	2.35E-4
	CC16	-0.1856	-0.9754	-0.1930	-1.93E-3	5.24E-5	2.97E-4
<b>115</b>	CC1	0.5072	-0.1956	-0.0544	-2.75E-4	-4.01E-4	-4.84E-4
	CC2	0.5050	-0.1798	-0.0552	-2.48E-4	-3.99E-4	-4.64E-4
	CC3	0.5315	-0.8851	-0.0324	-1.55E-3	-4.56E-4	-4.04E-4
	CC4	0.5293	-0.8693	-0.0331	-1.52E-3	-4.53E-4	-3.84E-4
	CC5	-0.5281	0.8543	-0.1747	1.47E-3	4.34E-4	3.87E-4
	CC6	-0.5303	0.8700	-0.1755	1.49E-3	4.37E-4	4.07E-4
	CC7	-0.5039	0.1648	-0.1527	1.91E-4	3.80E-4	4.67E-4
	CC8	-0.5061	0.1806	-0.1534	2.18E-4	3.83E-4	4.88E-4
	CC9	0.1188	0.9602	-0.1215	1.79E-3	-4.79E-5	-2.94E-4
	CC10	0.1121	1.0081	-0.1238	1.88E-3	-4.04E-5	-2.32E-4
	CC11	-0.1918	1.2752	-0.1576	2.32E-3	2.03E-4	-3.27E-5
	CC12	-0.1985	1.3230	-0.1599	2.40E-3	2.10E-4	2.91E-5
	CC13	0.1996	-1.3381	-0.0480	-2.45E-3	-2.29E-4	-2.59E-5
	CC14	0.1930	-1.2902	-0.0503	-2.37E-3	-2.22E-4	3.59E-5
	CC15	-0.1110	-1.0231	-0.0841	-1.93E-3	2.16E-5	2.35E-4
	CC16	-0.1176	-0.9753	-0.0864	-1.85E-3	2.92E-5	2.97E-4
<b>116</b>	CC1	0.7209	-0.0161	-0.0848	7.40E-5	-6.12E-4	-4.83E-4
	CC2	0.6997	-0.0080	-0.0848	8.96E-5	-5.95E-4	-4.63E-4



	CC3	0.6681	-0.7356	-0.1161	-1.42E-3	-5.56E-4	-4.03E-4
	CC4	0.6469	-0.7275	-0.1161	-1.41E-3	-5.38E-4	-3.82E-4
	CC5	-0.6534	0.7098	-0.1073	1.42E-3	5.28E-4	3.88E-4
	CC6	-0.6746	0.7179	-0.1073	1.43E-3	5.45E-4	4.08E-4
	CC7	-0.7063	-0.0097	-0.1386	-7.89E-5	5.84E-4	4.68E-4
	CC8	-0.7275	-0.0016	-0.1386	-6.33E-5	6.02E-4	4.89E-4
	CC9	0.3231	1.0690	-0.0561	2.28E-3	-2.97E-4	-2.93E-4
	CC10	0.2588	1.0938	-0.0561	2.32E-3	-2.44E-4	-2.31E-4
	CC11	-0.0892	1.2868	-0.0629	2.68E-3	4.50E-5	-3.14E-5
	CC12	-0.1535	1.3116	-0.0629	2.73E-3	9.84E-5	3.04E-5
	CC13	0.1469	-1.3293	-0.1605	-2.72E-3	-1.09E-4	-2.46E-5
	CC14	0.0826	-1.3045	-0.1605	-2.67E-3	-5.52E-5	3.72E-5
	CC15	-0.2654	-1.1115	-0.1673	-2.31E-3	2.33E-4	2.37E-4
	CC16	-0.3297	-1.0867	-0.1673	-2.27E-3	2.87E-4	2.99E-4
117	CC1	0.5677	-0.0155	0.0713	3.62E-5	-4.20E-4	-4.83E-4
	CC2	0.5596	-0.0073	0.0697	5.17E-5	-4.14E-4	-4.63E-4
	CC3	0.5647	-0.7350	0.0528	-1.43E-3	-4.29E-4	-4.03E-4
	CC4	0.5567	-0.7268	0.0513	-1.42E-3	-4.23E-4	-3.82E-4
	CC5	-0.5564	0.7104	-0.2691	1.37E-3	4.50E-4	3.88E-4
	CC6	-0.5644	0.7186	-0.2706	1.38E-3	4.56E-4	4.08E-4
	CC7	-0.5593	-0.0091	-0.2875	-9.72E-5	4.41E-4	4.68E-4
	CC8	-0.5674	-0.0009	-0.2891	-8.18E-5	4.47E-4	4.89E-4
	CC9	0.1860	1.0697	-0.0247	2.20E-3	-1.12E-4	-2.93E-4
	CC10	0.1615	1.0945	-0.0294	2.25E-3	-9.37E-5	-2.31E-4
	CC11	-0.1512	1.2875	-0.1268	2.60E-3	1.49E-4	-3.15E-5
	CC12	-0.1757	1.3123	-0.1315	2.65E-3	1.67E-4	3.03E-5
	CC13	0.1760	-1.3286	-0.0863	-2.69E-3	-1.40E-4	-2.47E-5
	CC14	0.1515	-1.3038	-0.0910	-2.64E-3	-1.22E-4	3.71E-5
	CC15	-0.1612	-1.1109	-0.1884	-2.29E-3	1.21E-4	2.37E-4
	CC16	-0.1857	-1.0861	-0.1931	-2.24E-3	1.39E-4	2.98E-4
118	CC1	0.5070	-0.0156	0.0366	8.30E-5	-1.54E-5	-4.83E-4
	CC2	0.5048	-0.0074	0.0365	9.53E-5	-1.10E-5	-4.62E-4
	CC3	0.5313	-0.7351	0.0106	-1.31E-3	-3.16E-4	-4.02E-4
	CC4	0.5291	-0.7269	0.0106	-1.30E-3	-3.12E-4	-3.82E-4
	CC5	-0.5283	0.7103	-0.2226	1.23E-3	3.35E-4	3.88E-4
	CC6	-0.5305	0.7185	-0.2226	1.24E-3	3.40E-4	4.09E-4
	CC7	-0.5040	-0.0092	-0.2485	-1.62E-4	3.46E-5	4.69E-4
	CC8	-0.5062	-0.0010	-0.2486	-1.49E-4	3.91E-5	4.89E-4
	CC9	0.1186	1.0696	-0.0239	2.10E-3	4.54E-4	-2.92E-4
	CC10	0.1119	1.0944	-0.0240	2.13E-3	4.67E-4	-2.31E-4
	CC11	-0.1920	1.2874	-0.1016	2.44E-3	5.59E-4	-3.10E-5
	CC12	-0.1987	1.3122	-0.1017	2.48E-3	5.72E-4	3.08E-5
	CC13	0.1995	-1.3287	-0.1103	-2.54E-3	-5.49E-4	-2.42E-5
	CC14	0.1928	-1.3039	-0.1104	-2.51E-3	-5.35E-4	3.76E-5
	CC15	-0.1111	-1.1110	-0.1881	-2.20E-3	-4.43E-4	2.37E-4
	CC16	-0.1178	-1.0862	-0.1882	-2.16E-3	-4.30E-4	2.99E-4
119	CC1	0.7210	0.1636	-0.0922	4.05E-4	-6.06E-4	-4.84E-4
	CC2	0.6998	0.1641	-0.0923	4.06E-4	-5.88E-4	-4.63E-4
	CC3	0.6682	-0.5860	-0.1110	-1.15E-3	-5.42E-4	-4.03E-4
	CC4	0.6470	-0.5854	-0.1112	-1.15E-3	-5.25E-4	-3.83E-4
	CC5	-0.6533	0.5656	-0.1153	1.16E-3	5.15E-4	3.88E-4
	CC6	-0.6745	0.5661	-0.1154	1.16E-3	5.32E-4	4.08E-4
	CC7	-0.7062	-0.1840	-0.1341	-3.96E-4	5.79E-4	4.68E-4
	CC8	-0.7274	-0.1834	-0.1343	-3.95E-4	5.96E-4	4.88E-4
	CC9	0.3233	1.1781	-0.0781	2.48E-3	-3.06E-4	-2.93E-4
	CC10	0.2589	1.1798	-0.0785	2.48E-3	-2.53E-4	-2.31E-4
	CC11	-0.0890	1.2987	-0.0851	2.70E-3	3.06E-5	-3.19E-5
	CC12	-0.1534	1.3004	-0.0854	2.71E-3	8.36E-5	2.99E-5
	CC13	0.1471	-1.3203	-0.1410	-2.70E-3	-9.34E-5	-2.51E-5
	CC14	0.0827	-1.3185	-0.1414	-2.69E-3	-4.03E-5	3.67E-5
	CC15	-0.2652	-1.1997	-0.1479	-2.47E-3	2.43E-4	2.36E-4
	CC16	-0.3296	-1.1979	-0.1483	-2.47E-3	2.96E-4	2.98E-4
120	CC1	0.5676	0.1641	-0.0150	3.74E-4	-8.15E-4	-4.84E-4
	CC2	0.5595	0.1647	-0.0153	3.76E-4	-8.04E-4	-4.64E-4
	CC3	0.5646	-0.5854	-0.0358	-1.19E-3	-8.23E-4	-4.04E-4
	CC4	0.5565	-0.5848	-0.0361	-1.19E-3	-8.11E-4	-3.83E-4
	CC5	-0.5565	0.5661	-0.1751	1.14E-3	8.05E-4	3.87E-4
	CC6	-0.5646	0.5667	-0.1754	1.15E-3	8.16E-4	4.07E-4
	CC7	-0.5595	-0.1834	-0.1959	-4.25E-4	7.98E-4	4.67E-4
	CC8	-0.5676	-0.1828	-0.1962	-4.23E-4	8.09E-4	4.88E-4
	CC9	0.1858	1.1786	-0.0464	2.47E-3	-2.51E-4	-2.94E-4
	CC10	0.1613	1.1804	-0.0475	2.48E-3	-2.17E-4	-2.32E-4

	CC11	-0.1514	1.2992	-0.0944	2.70E-3	2.35E-4	-3.24E-5
	CC12	-0.1759	1.3010	-0.0955	2.71E-3	2.69E-4	2.94E-5
	CC13	0.1759	-1.3197	-0.1157	-2.76E-3	-2.75E-4	-2.56E-5
	CC14	0.1514	-1.3180	-0.1168	-2.75E-3	-2.41E-4	3.62E-5
	CC15	-0.1613	-1.1991	-0.1638	-2.53E-3	2.11E-4	2.36E-4
	CC16	-0.1858	-1.1974	-0.1648	-2.52E-3	2.45E-4	2.97E-4
<b>121</b>	CC1	0.5069	0.1638	0.0909	3.12E-4	-6.48E-4	-4.83E-4
	CC2	0.5047	0.1643	0.0927	3.14E-4	-6.44E-4	-4.63E-4
	CC3	0.5312	-0.5857	-0.0686	-1.06E-3	-7.47E-4	-4.03E-4
	CC4	0.5290	-0.5852	-0.0667	-1.06E-3	-7.44E-4	-3.82E-4
	CC5	-0.5284	0.5658	-0.1287	1.01E-3	7.44E-4	3.88E-4
	CC6	-0.5306	0.5663	-0.1268	1.01E-3	7.47E-4	4.09E-4
	CC7	-0.5042	-0.1837	-0.2881	-3.68E-4	6.44E-4	4.69E-4
	CC8	-0.5064	-0.1832	-0.2863	-3.66E-4	6.47E-4	4.89E-4
	CC9	0.1185	1.1783	0.1982	2.15E-3	-4.78E-5	-2.93E-4
	CC10	0.1118	1.1800	0.2038	2.16E-3	-3.76E-5	-2.31E-4
	CC11	-0.1921	1.2989	0.1323	2.36E-3	3.70E-4	-3.13E-5
	CC12	-0.1988	1.3006	0.1380	2.37E-3	3.80E-4	3.05E-5
	CC13	0.1994	-1.3201	-0.3334	-2.42E-3	-3.80E-4	-2.45E-5
	CC14	0.1927	-1.3183	-0.3277	-2.42E-3	-3.70E-4	3.73E-5
	CC15	-0.1112	-1.1995	-0.3992	-2.21E-3	3.72E-5	2.37E-4
	CC16	-0.1179	-1.1977	-0.3936	-2.21E-3	4.74E-5	2.99E-4
<b>122</b>	CC1	0.7212	0.3393	-0.0864	6.05E-4	-6.17E-4	-4.87E-4
	CC2	0.7000	0.3325	-0.0865	5.91E-4	-5.99E-4	-4.66E-4
	CC3	0.6683	-0.4394	-0.1262	-9.78E-4	-5.85E-4	-4.06E-4
	CC4	0.6471	-0.4462	-0.1262	-9.92E-4	-5.67E-4	-3.86E-4
	CC5	-0.6532	0.4269	-0.1111	1.00E-3	5.30E-4	3.84E-4
	CC6	-0.6744	0.4201	-0.1111	9.88E-4	5.48E-4	4.05E-4
	CC7	-0.7060	-0.3518	-0.1509	-5.81E-4	5.63E-4	4.65E-4
	CC8	-0.7272	-0.3586	-0.1509	-5.95E-4	5.81E-4	4.85E-4
	CC9	0.3234	1.2854	-0.0486	2.60E-3	-2.72E-4	-2.96E-4
	CC10	0.2591	1.2647	-0.0488	2.56E-3	-2.17E-4	-2.35E-4
	CC11	-0.0889	1.3116	-0.0560	2.72E-3	7.26E-5	-3.50E-5
	CC12	-0.1532	1.2910	-0.0562	2.68E-3	1.27E-4	2.68E-5
	CC13	0.1472	-1.3103	-0.1811	-2.67E-3	-1.64E-4	-2.82E-5
	CC14	0.0829	-1.3309	-0.1813	-2.71E-3	-1.09E-4	3.36E-5
	CC15	-0.2651	-1.2840	-0.1885	-2.55E-3	1.80E-4	2.33E-4
	CC16	-0.3294	-1.3047	-0.1887	-2.59E-3	2.35E-4	2.95E-4
<b>123</b>	CC1	0.5674	0.3398	-0.2679	6.88E-4	-7.07E-4	-4.88E-4
	CC2	0.5593	0.3330	-0.2650	6.76E-4	-6.98E-4	-4.68E-4
	CC3	0.5643	-0.4389	-0.2861	-9.00E-4	-7.14E-4	-4.08E-4
	CC4	0.5562	-0.4457	-0.2831	-9.12E-4	-7.05E-4	-3.87E-4
	CC5	-0.5559	0.4274	0.0670	8.50E-4	6.66E-4	3.83E-4
	CC6	-0.5639	0.4206	0.0700	8.38E-4	6.75E-4	4.03E-4
	CC7	-0.5590	-0.3513	0.0489	-7.38E-4	6.59E-4	4.63E-4
	CC8	-0.5670	-0.3581	0.0518	-7.50E-4	6.68E-4	4.84E-4
	CC9	0.1860	1.2859	-0.1324	2.61E-3	-2.27E-4	-2.98E-4
	CC10	0.1617	1.2652	-0.1236	2.57E-3	-2.00E-4	-2.36E-4
	CC11	-0.1510	1.3121	-0.0319	2.66E-3	1.85E-4	-3.66E-5
	CC12	-0.1753	1.2915	-0.0231	2.62E-3	2.12E-4	2.52E-5
	CC13	0.1757	-1.3098	-0.1930	-2.68E-3	-2.51E-4	-2.98E-5
	CC14	0.1513	-1.3304	-0.1842	-2.72E-3	-2.24E-4	3.20E-5
	CC15	-0.1613	-1.2835	-0.0925	-2.64E-3	1.61E-4	2.32E-4
	CC16	-0.1857	-1.3042	-0.0837	-2.67E-3	1.88E-4	2.93E-4
<b>124</b>	CC1	0.5069	0.3353	-0.1335	2.71E-4	-5.72E-4	-4.87E-4
	CC2	0.5047	0.3286	-0.1327	2.65E-4	-5.73E-4	-4.67E-4
	CC3	0.5312	-0.4427	-0.1620	-5.94E-4	-4.86E-4	-4.07E-4
	CC4	0.5290	-0.4493	-0.1611	-5.99E-4	-4.87E-4	-3.86E-4
	CC5	-0.5284	0.4311	-0.0650	5.20E-4	4.43E-4	3.84E-4
	CC6	-0.5306	0.4245	-0.0641	5.15E-4	4.42E-4	4.05E-4
	CC7	-0.5041	-0.3468	-0.0934	-3.44E-4	5.28E-4	4.65E-4
	CC8	-0.5064	-0.3535	-0.0925	-3.50E-4	5.27E-4	4.85E-4
	CC9	0.1185	1.2831	-0.0773	1.37E-3	-3.15E-4	-2.97E-4
	CC10	0.1118	1.2630	-0.0746	1.36E-3	-3.18E-4	-2.35E-4
	CC11	-0.1921	1.3119	-0.0567	1.45E-3	-1.11E-5	-3.53E-5
	CC12	-0.1988	1.2918	-0.0541	1.43E-3	-1.35E-5	2.65E-5
	CC13	0.1994	-1.3100	-0.1720	-1.51E-3	-3.08E-5	-2.85E-5
	CC14	0.1927	-1.3300	-0.1694	-1.53E-3	-3.32E-5	3.33E-5
	CC15	-0.1112	-1.2812	-0.1515	-1.43E-3	2.74E-4	2.33E-4
	CC16	-0.1179	-1.3013	-0.1488	-1.45E-3	2.71E-4	2.95E-4
<b>125</b>	CC1	0.7214	0.5209	-0.0886	3.84E-4	-4.91E-4	-4.87E-4
	CC2	0.7002	0.5067	-0.0886	3.47E-4	-4.76E-4	-4.66E-4

	CC3	0.6686	-0.2870	-0.1353	-1.01E-3	-5.31E-4	-4.06E-4
	CC4	0.6474	-0.3012	-0.1353	-1.05E-3	-5.16E-4	-3.86E-4
	CC5	-0.6529	0.2858	-0.1363	1.06E-3	4.81E-4	3.84E-4
	CC6	-0.6741	0.2716	-0.1363	1.03E-3	4.96E-4	4.05E-4
	CC7	-0.7058	-0.5221	-0.1830	-3.36E-4	4.41E-4	4.65E-4
	CC8	-0.7270	-0.5363	-0.1830	-3.73E-4	4.56E-4	4.85E-4
	CC9	0.3237	1.3956	-0.0508	2.29E-3	-1.19E-4	-2.97E-4
	CC10	0.2593	1.3525	-0.0508	2.18E-3	-7.46E-5	-2.35E-4
	CC11	-0.0886	1.3250	-0.0651	2.49E-3	1.72E-4	-3.52E-5
	CC12	-0.1530	1.2819	-0.0651	2.38E-3	2.17E-4	2.66E-5
	CC13	0.1475	-1.2974	-0.2065	-2.37E-3	-2.52E-4	-2.84E-5
	CC14	0.0831	-1.3405	-0.2065	-2.48E-3	-2.07E-4	3.34E-5
	CC15	-0.2648	-1.3679	-0.2208	-2.17E-3	3.94E-5	2.33E-4
	CC16	-0.3292	-1.4110	-0.2208	-2.28E-3	8.42E-5	2.95E-4
<b>126</b>	CC1	0.5678	0.5216	-0.2067	5.71E-4	2.11E-4	-4.90E-4
	CC2	0.5597	0.5074	-0.2061	5.50E-4	2.05E-4	-4.70E-4
	CC3	0.5648	-0.2863	-0.2292	-9.39E-4	2.02E-4	-4.10E-4
	CC4	0.5567	-0.3005	-0.2286	-9.60E-4	1.96E-4	-3.89E-4
	CC5	-0.5563	0.2865	-0.0398	8.47E-4	-3.14E-4	3.81E-4
	CC6	-0.5643	0.2723	-0.0393	8.26E-4	-3.20E-4	4.01E-4
	CC7	-0.5592	-0.5214	-0.0623	-6.63E-4	-3.24E-4	4.62E-4
	CC8	-0.5673	-0.5356	-0.0617	-6.84E-4	-3.30E-4	4.82E-4
	CC9	0.1861	1.3963	-0.1226	2.45E-3	4.46E-5	-3.00E-4
	CC10	0.1616	1.3532	-0.1209	2.39E-3	2.61E-5	-2.38E-4
	CC11	-0.1512	1.3258	-0.0725	2.53E-3	-1.13E-4	-3.84E-5
	CC12	-0.1756	1.2827	-0.0709	2.47E-3	-1.32E-4	2.34E-5
	CC13	0.1761	-1.2966	-0.1976	-2.58E-3	1.28E-5	-3.16E-5
	CC14	0.1516	-1.3397	-0.1959	-2.65E-3	-5.70E-6	3.02E-5
	CC15	-0.1611	-1.3672	-0.1475	-2.50E-3	-1.45E-4	2.30E-4
	CC16	-0.1856	-1.4103	-0.1458	-2.56E-3	-1.63E-4	2.92E-4
<b>127</b>	CC1	0.5071	0.5223	-0.1267	5.29E-4	-4.74E-4	-4.83E-4
	CC2	0.5049	0.5081	-0.1277	5.19E-4	-4.71E-4	-4.62E-4
	CC3	0.5314	-0.2856	-0.1663	-2.25E-4	-3.95E-4	-4.02E-4
	CC4	0.5292	-0.2998	-0.1673	-2.34E-4	-3.92E-4	-3.82E-4
	CC5	-0.5282	0.2872	-0.0696	1.52E-4	3.48E-4	3.89E-4
	CC6	-0.5304	0.2730	-0.0706	1.42E-4	3.51E-4	4.09E-4
	CC7	-0.5040	-0.5207	-0.1092	-6.01E-4	4.27E-4	4.69E-4
	CC8	-0.5062	-0.5349	-0.1102	-6.11E-4	4.30E-4	4.89E-4
	CC9	0.1187	1.3970	-0.0595	1.29E-3	-2.82E-4	-2.92E-4
	CC10	0.1120	1.3539	-0.0625	1.26E-3	-2.72E-4	-2.30E-4
	CC11	-0.1919	1.3264	-0.0424	1.17E-3	-3.49E-5	-3.09E-5
	CC12	-0.1986	1.2833	-0.0453	1.14E-3	-2.53E-5	3.09E-5
	CC13	0.1996	-1.2960	-0.1916	-1.23E-3	-1.83E-5	-2.41E-5
	CC14	0.1929	-1.3391	-0.1945	-1.25E-3	-8.60E-6	3.77E-5
	CC15	-0.1111	-1.3665	-0.1745	-1.34E-3	2.28E-4	2.37E-4
	CC16	-0.1177	-1.4096	-0.1774	-1.37E-3	2.38E-4	2.99E-4
<b>128</b>	CC1	0.4526	0.5017	-0.2435	4.99E-4	-6.84E-4	-4.83E-4
	CC2	0.4573	0.4884	-0.2436	4.90E-4	-6.91E-4	-4.63E-4
	CC3	0.5033	-0.3027	-0.1664	-2.32E-4	-7.72E-4	-4.03E-4
	CC4	0.5081	-0.3161	-0.1664	-2.42E-4	-7.79E-4	-3.82E-4
	CC5	-0.5038	0.3032	-0.0247	1.09E-4	7.55E-4	3.88E-4
	CC6	-0.4990	0.2899	-0.0248	9.98E-5	7.48E-4	4.08E-4
	CC7	-0.4530	-0.5013	0.0525	-6.22E-4	6.67E-4	4.68E-4
	CC8	-0.4482	-0.5146	0.0524	-6.32E-4	6.60E-4	4.89E-4
	CC9	0.0537	1.3844	-0.2569	1.23E-3	-7.11E-5	-2.93E-4
	CC10	0.0682	1.3439	-0.2571	1.20E-3	-9.29E-5	-2.31E-4
	CC11	-0.2332	1.3248	-0.1913	1.11E-3	3.61E-4	-3.16E-5
	CC12	-0.2187	1.2843	-0.1915	1.08E-3	3.39E-4	3.02E-5
	CC13	0.2230	-1.2972	0.0004	-1.21E-3	-3.63E-4	-2.48E-5
	CC14	0.2375	-1.3377	0.0001	-1.24E-3	-3.85E-4	3.70E-5
	CC15	-0.0639	-1.3568	0.0660	-1.33E-3	6.88E-5	2.37E-4
	CC16	-0.0494	-1.3973	0.0658	-1.36E-3	4.70E-5	2.98E-4
<b>129</b>	CC1	0.7219	0.7017	-0.0506	3.93E-4	-9.48E-4	-4.83E-4
	CC2	0.7007	0.6799	-0.0518	3.83E-4	-9.21E-4	-4.63E-4
	CC3	0.6690	-0.1362	-0.1325	-9.42E-6	-8.72E-4	-4.03E-4
	CC4	0.6478	-0.1580	-0.1337	-1.95E-5	-8.45E-4	-3.82E-4
	CC5	-0.6525	0.1429	-0.1489	6.27E-5	8.36E-4	3.88E-4
	CC6	-0.6737	0.1211	-0.1501	5.26E-5	8.63E-4	4.09E-4
	CC7	-0.7053	-0.6950	-0.2309	-3.40E-4	9.12E-4	4.69E-4
	CC8	-0.7265	-0.7168	-0.2321	-3.50E-4	9.39E-4	4.89E-4
	CC9	0.3241	1.5058	0.0118	7.57E-4	-4.41E-4	-2.93E-4
	CC10	0.2597	1.4397	0.0082	7.26E-4	-3.58E-4	-2.31E-4

	CC11	-0.0882	1.3382	-0.0177	6.58E-4	9.43E-5	-3.13E-5
	CC12	-0.1526	1.2721	-0.0214	6.27E-4	1.77E-4	3.05E-5
	CC13	0.1479	-1.2871	-0.2613	-5.84E-4	-1.86E-4	-2.45E-5
	CC14	0.0835	-1.3532	-0.2650	-6.15E-4	-1.03E-4	3.73E-5
	CC15	-0.2644	-1.4547	-0.2908	-6.83E-4	3.49E-4	2.37E-4
	CC16	-0.3288	-1.5209	-0.2945	-7.14E-4	4.32E-4	2.99E-4
<b>130</b>	CC1	0.5681	0.7041	-0.1451	5.08E-4	-7.95E-4	-4.85E-4
	CC2	0.5600	0.6822	-0.1462	4.93E-4	-7.83E-4	-4.64E-4
	CC3	0.5651	-0.1342	-0.1883	-9.47E-5	-7.86E-4	-4.04E-4
	CC4	0.5570	-0.1561	-0.1894	-1.10E-4	-7.73E-4	-3.84E-4
	CC5	-0.5560	0.1410	-0.0721	7.37E-5	7.72E-4	3.87E-4
	CC6	-0.5640	0.1191	-0.0732	5.88E-5	7.85E-4	4.07E-4
	CC7	-0.5590	-0.6973	-0.1153	-5.29E-4	7.82E-4	4.67E-4
	CC8	-0.5670	-0.7192	-0.1164	-5.44E-4	7.94E-4	4.87E-4
	CC9	0.1864	1.5073	-0.0681	1.07E-3	-2.71E-4	-2.94E-4
	CC10	0.1619	1.4408	-0.0714	1.03E-3	-2.33E-4	-2.32E-4
	CC11	-0.1509	1.3383	-0.0462	9.45E-4	1.99E-4	-3.29E-5
	CC12	-0.1753	1.2719	-0.0495	8.99E-4	2.38E-4	2.89E-5
	CC13	0.1764	-1.2870	-0.2120	-9.35E-4	-2.39E-4	-2.61E-5
	CC14	0.1519	-1.3535	-0.2153	-9.80E-4	-2.00E-4	3.57E-5
	CC15	-0.1608	-1.4559	-0.1901	-1.07E-3	2.32E-4	2.35E-4
	CC16	-0.1853	-1.5224	-0.1934	-1.11E-3	2.70E-4	2.97E-4
<b>131</b>	CC1	0.5074	0.7018	-0.1782	2.52E-5	-4.54E-4	-4.84E-4
	CC2	0.5052	0.6800	-0.1777	1.44E-5	-4.51E-4	-4.63E-4
	CC3	0.5317	-0.1361	-0.1591	-4.18E-4	-4.15E-4	-4.03E-4
	CC4	0.5295	-0.1579	-0.1586	-4.29E-4	-4.12E-4	-3.83E-4
	CC5	-0.5279	0.1430	-0.1026	3.88E-4	3.98E-4	3.87E-4
	CC6	-0.5301	0.1212	-0.1022	3.78E-4	4.01E-4	4.08E-4
	CC7	-0.5036	-0.6949	-0.0836	-5.45E-5	4.36E-4	4.68E-4
	CC8	-0.5058	-0.7167	-0.0831	-6.53E-5	4.39E-4	4.88E-4
	CC9	0.1190	1.5059	-0.1745	6.80E-4	-2.04E-4	-2.93E-4
	CC10	0.1123	1.4397	-0.1730	6.47E-4	-1.95E-4	-2.32E-4
	CC11	-0.1916	1.3382	-0.1518	7.89E-4	5.15E-5	-3.21E-5
	CC12	-0.1983	1.2721	-0.1504	7.56E-4	6.05E-5	2.97E-5
	CC13	0.1999	-1.2871	-0.1109	-7.96E-4	-7.49E-5	-2.53E-5
	CC14	0.1932	-1.3532	-0.1095	-8.29E-4	-6.58E-5	3.65E-5
	CC15	-0.1107	-1.4547	-0.0882	-6.87E-4	1.80E-4	2.36E-4
	CC16	-0.1174	-1.5209	-0.0868	-7.20E-4	1.90E-4	2.98E-4
<b>132</b>	CC1	0.4525	0.7018	-0.0956	-2.43E-5	-4.89E-4	-4.85E-4
	CC2	0.4573	0.6800	-0.0926	-4.09E-5	-4.94E-4	-4.65E-4
	CC3	0.5033	-0.1361	0.0004	-6.69E-4	-5.54E-4	-4.05E-4
	CC4	0.5080	-0.1579	0.0034	-6.86E-4	-5.59E-4	-3.85E-4
	CC5	-0.5038	0.1430	-0.2259	5.60E-4	5.48E-4	3.86E-4
	CC6	-0.4991	0.1212	-0.2229	5.43E-4	5.43E-4	4.06E-4
	CC7	-0.4531	-0.6949	-0.1299	-8.54E-5	4.83E-4	4.66E-4
	CC8	-0.4483	-0.7167	-0.1269	-1.02E-4	4.78E-4	4.86E-4
	CC9	0.0537	1.5059	-0.2562	9.49E-4	-4.60E-5	-2.95E-4
	CC10	0.0682	1.4398	-0.2471	8.99E-4	-6.12E-5	-2.33E-4
	CC11	-0.2332	1.3383	-0.2953	1.12E-3	2.65E-4	-3.38E-5
	CC12	-0.2187	1.2722	-0.2862	1.07E-3	2.50E-4	2.80E-5
	CC13	0.2229	-1.2870	0.0637	-1.20E-3	-2.61E-4	-2.70E-5
	CC14	0.2374	-1.3532	0.0728	-1.25E-3	-2.76E-4	3.48E-5
	CC15	-0.0640	-1.4547	0.0246	-1.03E-3	5.02E-5	2.34E-4
	CC16	-0.0495	-1.5208	0.0337	-1.08E-3	3.50E-5	2.96E-4
<b>133</b>	CC1	0.7224	0.8758	-0.1608	1.43E-3	-4.95E-4	-4.88E-4
	CC2	0.7012	0.8468	-0.1624	1.38E-3	-4.82E-4	-4.67E-4
	CC3	0.6695	0.0092	-0.2424	-2.49E-5	-5.30E-4	-4.07E-4
	CC4	0.6483	-0.0199	-0.2441	-7.17E-5	-5.18E-4	-3.87E-4
	CC5	-0.6520	0.0062	-0.0516	9.56E-5	5.00E-4	3.83E-4
	CC6	-0.6732	-0.0229	-0.0533	4.88E-5	5.12E-4	4.04E-4
	CC7	-0.7048	-0.8605	-0.1333	-1.36E-3	4.64E-4	4.64E-4
	CC8	-0.7260	-0.8895	-0.1349	-1.40E-3	4.76E-4	4.84E-4
	CC9	0.3246	1.6122	-0.0256	2.70E-3	-1.17E-4	-2.98E-4
	CC10	0.2602	1.5239	-0.0306	2.56E-3	-8.05E-5	-2.36E-4
	CC11	-0.0877	1.3513	0.0071	2.30E-3	1.81E-4	-3.62E-5
	CC12	-0.1521	1.2631	0.0021	2.16E-3	2.18E-4	2.56E-5
	CC13	0.1484	-1.2768	-0.2979	-2.14E-3	-2.36E-4	-2.94E-5
	CC14	0.0840	-1.3650	-0.3028	-2.28E-3	-1.99E-4	3.24E-5
	CC15	-0.2639	-1.5376	-0.2651	-2.54E-3	6.23E-5	2.32E-4
	CC16	-0.3283	-1.6259	-0.2701	-2.68E-3	9.90E-5	2.94E-4
<b>134</b>	CC1	0.5684	0.8788	-0.0716	1.52E-3	-3.72E-5	-4.88E-4
	CC2	0.5603	0.8496	-0.0737	1.47E-3	-4.79E-5	-4.67E-4

	CC3	0.5654	0.0117	-0.1165	1.31E-5	-3.04E-4	-4.07E-4
	CC4	0.5573	-0.0174	-0.1185	-3.57E-5	-3.14E-4	-3.87E-4
	CC5	-0.5557	0.0050	-0.1720	-4.74E-5	4.05E-4	3.83E-4
	CC6	-0.5638	-0.0241	-0.1741	-9.62E-5	3.94E-4	4.04E-4
	CC7	-0.5587	-0.8620	-0.2168	-1.56E-3	1.39E-4	4.64E-4
	CC8	-0.5668	-0.8912	-0.2189	-1.60E-3	1.28E-4	4.84E-4
	CC9	0.1866	1.6143	-0.0523	2.78E-3	4.39E-4	-2.97E-4
	CC10	0.1621	1.5257	-0.0586	2.63E-3	4.07E-4	-2.36E-4
	CC11	-0.1506	1.3521	-0.0824	2.31E-3	5.72E-4	-3.60E-5
	CC12	-0.1751	1.2636	-0.0887	2.16E-3	5.40E-4	2.58E-5
	CC13	0.1767	-1.2760	-0.2018	-2.25E-3	-4.49E-4	-2.92E-5
	CC14	0.1522	-1.3645	-0.2081	-2.39E-3	-4.81E-4	3.26E-5
	CC15	-0.1605	-1.5381	-0.2319	-2.72E-3	-3.16E-4	2.32E-4
	CC16	-0.1850	-1.6267	-0.2382	-2.86E-3	-3.49E-4	2.94E-4
<b>135</b>	CC1	0.5082	0.8563	-0.1420	6.78E-4	-7.34E-4	-4.84E-4
	CC2	0.5060	0.8281	-0.1427	6.60E-4	-7.28E-4	-4.64E-4
	CC3	0.5325	-0.0070	-0.1563	4.88E-6	-7.57E-4	-4.04E-4
	CC4	0.5303	-0.0352	-0.1570	-1.35E-5	-7.52E-4	-3.83E-4
	CC5	-0.5271	0.0232	-0.0853	-4.01E-7	7.54E-4	3.87E-4
	CC6	-0.5293	-0.0050	-0.0861	-1.87E-5	7.59E-4	4.07E-4
	CC7	-0.5029	-0.8401	-0.0996	-6.74E-4	7.30E-4	4.67E-4
	CC8	-0.5051	-0.8683	-0.1003	-6.92E-4	7.36E-4	4.88E-4
	CC9	0.1198	1.6007	-0.1047	1.24E-3	-1.92E-4	-2.94E-4
	CC10	0.1131	1.5150	-0.1070	1.19E-3	-1.76E-4	-2.32E-4
	CC11	-0.1908	1.3507	-0.0877	1.04E-3	2.54E-4	-3.25E-5
	CC12	-0.1975	1.2650	-0.0900	9.86E-4	2.71E-4	2.93E-5
	CC13	0.2007	-1.2770	-0.1523	-1.00E-3	-2.69E-4	-2.57E-5
	CC14	0.1940	-1.3627	-0.1546	-1.06E-3	-2.52E-4	3.61E-5
	CC15	-0.1099	-1.5270	-0.1353	-1.20E-3	1.78E-4	2.36E-4
	CC16	-0.1166	-1.6127	-0.1376	-1.26E-3	1.94E-4	2.97E-4
<b>136</b>	CC1	0.4528	0.8768	-0.3226	5.84E-4	-5.88E-4	-4.88E-4
	CC2	0.4576	0.8477	-0.3219	5.69E-4	-5.93E-4	-4.68E-4
	CC3	0.5036	0.0101	-0.2494	-2.31E-6	-6.35E-4	-4.08E-4
	CC4	0.5084	-0.0190	-0.2486	-1.73E-5	-6.40E-4	-3.88E-4
	CC5	-0.5035	0.0068	0.0228	-5.64E-5	6.23E-4	3.83E-4
	CC6	-0.4987	-0.0223	0.0236	-7.15E-5	6.18E-4	4.03E-4
	CC7	-0.4527	-0.8600	0.0960	-6.43E-4	5.76E-4	4.63E-4
	CC8	-0.4479	-0.8891	0.0968	-6.58E-4	5.71E-4	4.84E-4
	CC9	0.0540	1.6131	-0.2880	1.06E-3	-1.05E-4	-2.98E-4
	CC10	0.0685	1.5248	-0.2856	1.01E-3	-1.20E-4	-2.36E-4
	CC11	-0.2329	1.3521	-0.1844	8.67E-4	2.58E-4	-3.67E-5
	CC12	-0.2184	1.2638	-0.1820	8.21E-4	2.44E-4	2.51E-5
	CC13	0.2233	-1.2760	-0.0439	-8.95E-4	-2.60E-4	-2.99E-5
	CC14	0.2378	-1.3643	-0.0414	-9.41E-4	-2.75E-4	3.19E-5
	CC15	-0.0636	-1.5370	0.0598	-1.09E-3	1.03E-4	2.31E-4
	CC16	-0.0491	-1.6253	0.0622	-1.13E-3	8.81E-5	2.93E-4
<b>137</b>	CC1	0.5088	1.0092	-0.2146	8.67E-4	-4.31E-4	-4.88E-4
	CC2	0.5066	0.9746	-0.2113	8.41E-4	-4.16E-4	-4.68E-4
	CC3	0.5331	0.1206	-0.1307	7.81E-5	-5.84E-5	-4.07E-4
	CC4	0.5309	0.0860	-0.1274	5.14E-5	-4.35E-5	-3.87E-4
	CC5	-0.5265	-0.0974	-0.1054	-3.71E-5	1.28E-4	3.83E-4
	CC6	-0.5288	-0.1320	-0.1021	-6.37E-5	1.43E-4	4.04E-4
	CC7	-0.5023	-0.9859	-0.0215	-8.26E-4	5.00E-4	4.64E-4
	CC8	-0.5045	-1.0206	-0.0182	-8.53E-4	5.15E-4	4.84E-4
	CC9	0.1204	1.6938	-0.2777	1.50E-3	-6.85E-4	-2.98E-4
	CC10	0.1137	1.5887	-0.2677	1.42E-3	-6.39E-4	-2.36E-4
	CC11	-0.1902	1.3618	-0.2449	1.23E-3	-5.17E-4	-3.63E-5
	CC12	-0.1969	1.2567	-0.2350	1.15E-3	-4.72E-4	2.55E-5
	CC13	0.2012	-1.2681	0.0022	-1.13E-3	5.56E-4	-2.95E-5
	CC14	0.1946	-1.3732	0.0121	-1.21E-3	6.01E-4	3.23E-5
	CC15	-0.1094	-1.6001	0.0349	-1.40E-3	7.23E-4	2.32E-4
	CC16	-0.1160	-1.7052	0.0449	-1.48E-3	7.69E-4	2.94E-4
<b>138</b>	CC1	0.4529	1.0092	-0.3144	3.07E-4	2.98E-4	-4.86E-4
	CC2	0.4577	0.9746	-0.3104	3.07E-4	3.14E-4	-4.66E-4
	CC3	0.5037	0.1206	-0.1828	2.13E-4	5.83E-4	-4.06E-4
	CC4	0.5084	0.0860	-0.1788	2.13E-4	5.99E-4	-3.85E-4
	CC5	-0.5035	-0.0974	-0.0521	-2.57E-4	-5.80E-4	3.85E-4
	CC6	-0.4987	-0.1320	-0.0480	-2.57E-4	-5.64E-4	4.05E-4
	CC7	-0.4527	-0.9860	0.0795	-3.52E-4	-2.96E-4	4.66E-4
	CC8	-0.4479	-1.0206	0.0836	-3.51E-4	-2.80E-4	4.86E-4
	CC9	0.0541	1.6938	-0.3803	2.19E-4	-3.57E-4	-2.96E-4
	CC10	0.0685	1.5887	-0.3680	2.20E-4	-3.09E-4	-2.34E-4

	CC11	-0.2328	1.3618	-0.3016	5.01E-5	-6.21E-4	-3.43E-5
	CC12	-0.2184	1.2567	-0.2893	5.10E-5	-5.72E-4	2.75E-5
	CC13	0.2233	-1.2681	0.0584	-9.52E-5	5.91E-4	-2.75E-5
	CC14	0.2378	-1.3732	0.0707	-9.42E-5	6.40E-4	3.43E-5
	CC15	-0.0636	-1.6001	0.1372	-2.64E-4	3.27E-4	2.34E-4
	CC16	-0.0491	-1.7052	0.1494	-2.63E-4	3.76E-4	2.96E-4
<b>139</b>	CC1	0.7230	1.0882	-0.1712	1.21E-3	-1.14E-3	-4.83E-4
	CC2	0.7018	1.0503	-0.1764	1.17E-3	-1.11E-3	-4.62E-4
	CC3	0.6701	0.1866	-0.3389	1.51E-4	-1.06E-3	-4.02E-4
	CC4	0.6489	0.1487	-0.3441	1.14E-4	-1.02E-3	-3.82E-4
	CC5	-0.6514	-0.1595	0.0894	-1.05E-4	1.04E-3	3.88E-4
	CC6	-0.6726	-0.1974	0.0842	-1.42E-4	1.08E-3	4.09E-4
	CC7	-0.7042	-1.0611	-0.0783	-1.16E-3	1.13E-3	4.69E-4
	CC8	-0.7254	-1.0990	-0.0835	-1.20E-3	1.17E-3	4.89E-4
	CC9	0.3252	1.7420	0.1210	2.02E-3	-5.18E-4	-2.92E-4
	CC10	0.2609	1.6269	0.1052	1.91E-3	-4.14E-4	-2.31E-4
	CC11	-0.0871	1.3677	0.1991	1.63E-3	1.38E-4	-3.10E-5
	CC12	-0.1514	1.2526	0.1834	1.51E-3	2.43E-4	3.08E-5
	CC13	0.1490	-1.2634	-0.4380	-1.51E-3	-2.21E-4	-2.42E-5
	CC14	0.0847	-1.3785	-0.4538	-1.62E-3	-1.16E-4	3.76E-5
	CC15	-0.2633	-1.6377	-0.3598	-1.90E-3	4.35E-4	2.37E-4
	CC16	-0.3276	-1.7528	-0.3756	-2.01E-3	5.40E-4	2.99E-4
<b>140</b>	CC1	0.5680	1.0859	-0.1680	1.55E-3	-7.57E-4	-4.85E-4
	CC2	0.5600	1.0481	-0.1753	1.49E-3	-7.48E-4	-4.65E-4
	CC3	0.5648	0.1847	-0.3325	2.26E-4	-8.23E-4	-4.04E-4
	CC4	0.5568	0.1469	-0.3397	1.74E-4	-8.13E-4	-3.84E-4
	CC5	-0.5549	-0.1574	0.1160	-2.22E-4	8.66E-4	3.86E-4
	CC6	-0.5629	-0.1952	0.1087	-2.73E-4	8.76E-4	4.07E-4
	CC7	-0.5580	-1.0586	-0.0485	-1.54E-3	8.01E-4	4.67E-4
	CC8	-0.5660	-1.0964	-0.0557	-1.59E-3	8.10E-4	4.87E-4
	CC9	0.1868	1.7406	0.1306	2.52E-3	-1.21E-4	-2.95E-4
	CC10	0.1625	1.6258	0.1086	2.36E-3	-9.31E-5	-2.33E-4
	CC11	-0.1501	1.3676	0.2158	1.99E-3	3.66E-4	-3.32E-5
	CC12	-0.1743	1.2528	0.1938	1.83E-3	3.94E-4	2.86E-5
	CC13	0.1763	-1.2634	-0.4176	-1.88E-3	-3.41E-4	-2.64E-5
	CC14	0.1520	-1.3781	-0.4395	-2.04E-3	-3.12E-4	3.54E-5
	CC15	-0.1606	-1.6364	-0.3324	-2.41E-3	1.46E-4	2.35E-4
	CC16	-0.1849	-1.7511	-0.3543	-2.57E-3	1.75E-4	2.97E-4
<b>141</b>	CC1	0.5083	1.0860	-0.2788	1.46E-3	-7.61E-4	-4.85E-4
	CC2	0.5061	1.0482	-0.2733	1.42E-3	-7.54E-4	-4.65E-4
	CC3	0.5326	0.1848	-0.1444	2.19E-4	-6.98E-4	-4.05E-4
	CC4	0.5304	0.1470	-0.1389	1.71E-4	-6.91E-4	-3.85E-4
	CC5	-0.5270	-0.1573	-0.0790	-1.77E-4	7.31E-4	3.86E-4
	CC6	-0.5292	-0.1951	-0.0734	-2.25E-4	7.37E-4	4.06E-4
	CC7	-0.5028	-1.0585	0.0555	-1.42E-3	7.93E-4	4.66E-4
	CC8	-0.5050	-1.0963	0.0610	-1.47E-3	8.00E-4	4.87E-4
	CC9	0.1199	1.7407	-0.3714	2.39E-3	-3.19E-4	-2.95E-4
	CC10	0.1132	1.6259	-0.3545	2.25E-3	-2.98E-4	-2.33E-4
	CC11	-0.1907	1.3677	-0.3114	1.90E-3	1.28E-4	-3.36E-5
	CC12	-0.1974	1.2529	-0.2946	1.75E-3	1.49E-4	2.81E-5
	CC13	0.2008	-1.2633	0.0767	-1.76E-3	-1.10E-4	-2.68E-5
	CC14	0.1941	-1.3781	0.0936	-1.91E-3	-8.89E-5	3.49E-5
	CC15	-0.1098	-1.6363	0.1367	-2.25E-3	3.38E-4	2.34E-4
	CC16	-0.1165	-1.7511	0.1535	-2.40E-3	3.59E-4	2.96E-4
<b>142</b>	CC1	0.4530	1.0884	-0.3161	7.85E-5	-6.45E-4	-4.84E-4
	CC2	0.4578	1.0504	-0.3109	8.14E-5	-6.52E-4	-4.63E-4
	CC3	0.5038	0.1868	-0.1660	8.91E-5	-7.30E-4	-4.03E-4
	CC4	0.5085	0.1488	-0.1609	9.21E-5	-7.36E-4	-3.83E-4
	CC5	-0.5034	-0.1593	-0.0593	-1.05E-4	7.45E-4	3.87E-4
	CC6	-0.4986	-0.1972	-0.0541	-1.02E-4	7.39E-4	4.08E-4
	CC7	-0.4526	-1.0609	0.0907	-9.48E-5	6.61E-4	4.68E-4
	CC8	-0.4478	-1.0988	0.0959	-9.19E-5	6.54E-4	4.88E-4
	CC9	0.0542	1.7421	-0.4066	-1.29E-6	-5.30E-5	-2.94E-4
	CC10	0.0686	1.6270	-0.3908	7.71E-6	-7.23E-5	-2.32E-4
	CC11	-0.2327	1.3678	-0.3295	-5.65E-5	3.64E-4	-3.22E-5
	CC12	-0.2183	1.2527	-0.3138	-4.75E-5	3.45E-4	2.96E-5
	CC13	0.2234	-1.2632	0.0936	3.41E-5	-3.36E-4	-2.54E-5
	CC14	0.2379	-1.3783	0.1093	4.31E-5	-3.55E-4	3.64E-5
	CC15	-0.0635	-1.6375	0.1706	-2.11E-5	8.13E-5	2.36E-4
	CC16	-0.0490	-1.7526	0.1864	-1.21E-5	6.20E-5	2.98E-4
<b>143</b>	CC1	0.4548	0.1495	-0.0001	3.03E-4	-6.07E-4	-4.82E-4
	CC2	0.4592	0.1507	0.0016	3.05E-4	-6.13E-4	-4.62E-4

	CC3	0.5040	-0.5976	0.2030	-1.07E-3	-7.89E-4	-4.02E-4
	CC4	0.5084	-0.5964	0.2047	-1.07E-3	-7.95E-4	-3.81E-4
	CC5	-0.5052	0.5776	-0.3830	1.02E-3	7.79E-4	3.89E-4
	CC6	-0.5009	0.5788	-0.3813	1.02E-3	7.73E-4	4.09E-4
	CC7	-0.4560	-0.1695	-0.1798	-3.56E-4	5.96E-4	4.69E-4
	CC8	-0.4516	-0.1683	-0.1782	-3.54E-4	5.90E-4	4.90E-4
	CC9	0.0569	1.1698	-0.3728	2.16E-3	9.67E-5	-2.92E-4
	CC10	0.0702	1.1734	-0.3677	2.17E-3	7.92E-5	-2.30E-4
	CC11	-0.2311	1.2982	-0.4876	2.37E-3	5.12E-4	-3.06E-5
	CC12	-0.2178	1.3018	-0.4826	2.38E-3	4.95E-4	3.12E-5
	CC13	0.2210	-1.3206	0.3043	-2.43E-3	-5.11E-4	-2.38E-5
	CC14	0.2343	-1.3169	0.3094	-2.42E-3	-5.29E-4	3.80E-5
	CC15	-0.0670	-1.1921	0.1895	-2.22E-3	-9.58E-5	2.38E-4
	CC16	-0.0537	-1.1885	0.1945	-2.21E-3	-1.13E-4	2.99E-4
<b>144</b>	CC1	0.4551	0.3210	-0.0611	2.27E-4	-8.27E-4	-4.89E-4
	CC2	0.4595	0.3150	-0.0598	2.22E-4	-8.25E-4	-4.68E-4
	CC3	0.5043	-0.4545	0.0216	-6.28E-4	-3.67E-4	-4.08E-4
	CC4	0.5087	-0.4605	0.0229	-6.33E-4	-3.66E-4	-3.88E-4
	CC5	-0.5049	0.4428	-0.2075	5.16E-4	2.79E-4	3.82E-4
	CC6	-0.5006	0.4368	-0.2062	5.11E-4	2.80E-4	4.03E-4
	CC7	-0.4557	-0.3327	-0.1248	-3.39E-4	7.38E-4	4.63E-4
	CC8	-0.4513	-0.3387	-0.1235	-3.44E-4	7.40E-4	4.83E-4
	CC9	0.0572	1.2745	-0.2102	1.33E-3	-9.78E-4	-2.99E-4
	CC10	0.0704	1.2563	-0.2062	1.31E-3	-9.73E-4	-2.37E-4
	CC11	-0.2308	1.3110	-0.2541	1.42E-3	-6.46E-4	-3.72E-5
	CC12	-0.2176	1.2928	-0.2501	1.40E-3	-6.41E-4	2.46E-5
	CC13	0.2213	-1.3105	0.0655	-1.52E-3	5.54E-4	-3.04E-5
	CC14	0.2345	-1.3287	0.0695	-1.53E-3	5.59E-4	3.14E-5
	CC15	-0.0667	-1.2740	0.0216	-1.43E-3	8.86E-4	2.31E-4
	CC16	-0.0535	-1.2922	0.0256	-1.45E-3	8.91E-4	2.93E-4
<b>145</b>	CC1	0.5113	-0.9983	0.1661	-1.67E-3	-8.50E-4	-4.86E-4
	CC2	0.5087	-0.9489	0.1535	-1.59E-3	-8.46E-4	-4.65E-4
	CC3	0.5341	-1.5549	0.3153	-2.71E-3	-8.94E-4	-4.05E-4
	CC4	0.5314	-1.5054	0.3027	-2.62E-3	-8.90E-4	-3.85E-4
	CC5	-0.5296	1.4912	-0.4759	2.59E-3	8.61E-4	3.85E-4
	CC6	-0.5322	1.5406	-0.4885	2.67E-3	8.65E-4	4.06E-4
	CC7	-0.5068	0.9346	-0.3267	1.55E-3	8.17E-4	4.66E-4
	CC8	-0.5094	0.9840	-0.3393	1.64E-3	8.21E-4	4.86E-4
	CC9	0.1232	0.4721	-0.2198	9.42E-4	-2.03E-4	-2.95E-4
	CC10	0.1152	0.6220	-0.2582	1.20E-3	-1.91E-4	-2.34E-4
	CC11	-0.1891	1.2189	-0.4124	2.22E-3	3.10E-4	-3.41E-5
	CC12	-0.1970	1.3689	-0.4508	2.48E-3	3.22E-4	2.76E-5
	CC13	0.1989	-1.3832	0.2776	-2.51E-3	-3.50E-4	-2.73E-5
	CC14	0.1910	-1.2332	0.2392	-2.25E-3	-3.38E-4	3.44E-5
	CC15	-0.1134	-0.6363	0.0850	-1.23E-3	1.63E-4	2.34E-4
	CC16	-0.1213	-0.4864	0.0466	-9.77E-4	1.75E-4	2.96E-4
<b>146</b>	CC1	0.5721	-0.9985	0.2009	-1.64E-3	-9.18E-4	-4.86E-4
	CC2	0.5636	-0.9490	0.2096	-1.56E-3	-9.05E-4	-4.65E-4
	CC3	0.5686	-1.5550	0.0779	-2.66E-3	-9.22E-4	-4.05E-4
	CC4	0.5602	-1.5056	0.0866	-2.58E-3	-9.10E-4	-3.85E-4
	CC5	-0.5588	1.4910	-0.2692	2.54E-3	8.67E-4	3.86E-4
	CC6	-0.5673	1.5404	-0.2604	2.62E-3	8.79E-4	4.06E-4
	CC7	-0.5622	0.9344	-0.3922	1.52E-3	8.62E-4	4.66E-4
	CC8	-0.5707	0.9838	-0.3834	1.61E-3	8.75E-4	4.86E-4
	CC9	0.1889	0.4719	0.1710	9.23E-4	-3.01E-4	-2.95E-4
	CC10	0.1631	0.6219	0.1975	1.17E-3	-2.63E-4	-2.33E-4
	CC11	-0.1504	1.2187	0.0300	2.18E-3	2.34E-4	-3.38E-5
	CC12	-0.1761	1.3687	0.0565	2.43E-3	2.73E-4	2.79E-5
	CC13	0.1775	-1.3833	-0.2390	-2.47E-3	-3.16E-4	-2.70E-5
	CC14	0.1517	-1.2334	-0.2125	-2.21E-3	-2.77E-4	3.47E-5
	CC15	-0.1618	-0.6365	-0.3800	-1.21E-3	2.20E-4	2.34E-4
	CC16	-0.1875	-0.4865	-0.3535	-9.58E-4	2.58E-4	2.96E-4
<b>147</b>	CC1	0.5123	1.1811	-0.4286	2.05E-3	-8.88E-4	-4.85E-4
	CC2	0.5096	1.1393	-0.4217	1.98E-3	-8.77E-4	-4.64E-4
	CC3	0.5350	0.2642	-0.2899	4.20E-4	-7.64E-4	-4.04E-4
	CC4	0.5324	0.2224	-0.2829	3.51E-4	-7.53E-4	-3.84E-4
	CC5	-0.5286	-0.2322	0.0688	-3.72E-4	7.69E-4	3.87E-4
	CC6	-0.5313	-0.2739	0.0758	-4.41E-4	7.81E-4	4.07E-4
	CC7	-0.5059	-1.1490	0.2075	-2.00E-3	8.93E-4	4.67E-4
	CC8	-0.5085	-1.1908	0.2145	-2.07E-3	9.04E-4	4.87E-4
	CC9	0.1241	1.7987	-0.4235	3.17E-3	-4.64E-4	-2.94E-4
	CC10	0.1162	1.6719	-0.4023	2.96E-3	-4.30E-4	-2.32E-4

	CC11	-0.1882	1.3747	-0.2743	2.44E-3	3.34E-5	-3.29E-5
	CC12	-0.1961	1.2479	-0.2531	2.23E-3	6.72E-5	2.89E-5
	CC13	0.1998	-1.2576	0.0389	-2.25E-3	-5.07E-5	-2.61E-5
	CC14	0.1919	-1.3844	0.0601	-2.46E-3	-1.69E-5	3.57E-5
	CC15	-0.1124	-1.6816	0.1881	-2.98E-3	4.47E-4	2.35E-4
	CC16	-0.1204	-1.8084	0.2093	-3.19E-3	4.80E-4	2.97E-4
<b>148</b>	CC1	0.5718	1.1713	-0.1794	2.06E-3	-7.95E-4	-4.88E-4
	CC2	0.5634	1.1299	-0.1874	1.99E-3	-7.89E-4	-4.68E-4
	CC3	0.5686	0.2560	-0.4093	4.03E-4	-9.31E-4	-4.08E-4
	CC4	0.5602	0.2146	-0.4173	3.34E-4	-9.25E-4	-3.88E-4
	CC5	-0.5578	-0.2246	0.1974	-3.54E-4	9.44E-4	3.83E-4
	CC6	-0.5662	-0.2660	0.1895	-4.23E-4	9.50E-4	4.03E-4
	CC7	-0.5610	-1.1399	-0.0324	-2.01E-3	8.08E-4	4.63E-4
	CC8	-0.5694	-1.1813	-0.0404	-2.08E-3	8.14E-4	4.84E-4
	CC9	0.1887	1.7926	0.2288	3.21E-3	-3.48E-5	-2.98E-4
	CC10	0.1632	1.6670	0.2046	3.00E-3	-1.47E-5	-2.36E-4
	CC11	-0.1501	1.3739	0.3419	2.49E-3	4.87E-4	-3.67E-5
	CC12	-0.1756	1.2483	0.3176	2.28E-3	5.07E-4	2.51E-5
	CC13	0.1780	-1.2583	-0.5375	-2.30E-3	-4.88E-4	-2.99E-5
	CC14	0.1525	-1.3839	-0.5617	-2.51E-3	-4.68E-4	3.19E-5
	CC15	-0.1609	-1.6771	-0.4244	-3.02E-3	3.38E-5	2.31E-4
	CC16	-0.1864	-1.8027	-0.4487	-3.23E-3	5.40E-5	2.93E-4
<b>149</b>	CC1	0.5417	1.1727	-0.2682	1.40E-3	-9.73E-4	-4.84E-4
	CC2	0.5360	1.1313	-0.2693	1.36E-3	-9.58E-4	-4.63E-4
	CC3	0.5527	0.2572	-0.3287	1.99E-4	-8.35E-4	-4.03E-4
	CC4	0.5470	0.2158	-0.3299	1.54E-4	-8.20E-4	-3.83E-4
	CC5	-0.5448	-0.2255	0.1126	-1.41E-4	8.33E-4	3.87E-4
	CC6	-0.5505	-0.2670	0.1115	-1.86E-4	8.48E-4	4.08E-4
	CC7	-0.5338	-1.1410	0.0520	-1.34E-3	9.71E-4	4.68E-4
	CC8	-0.5395	-1.1825	0.0509	-1.39E-3	9.86E-4	4.88E-4
	CC9	0.1544	1.7936	-0.0632	2.31E-3	-5.17E-4	-2.93E-4
	CC10	0.1371	1.6678	-0.0666	2.17E-3	-4.72E-4	-2.32E-4
	CC11	-0.1715	1.3741	0.0510	1.85E-3	2.45E-5	-3.21E-5
	CC12	-0.1889	1.2483	0.0476	1.71E-3	6.97E-5	2.97E-5
	CC13	0.1911	-1.2581	-0.2649	-1.70E-3	-5.64E-5	-2.53E-5
	CC14	0.1737	-1.3839	-0.2683	-1.84E-3	-1.12E-5	3.65E-5
	CC15	-0.1349	-1.6776	-0.1507	-2.16E-3	4.85E-4	2.36E-4
	CC16	-0.1523	-1.8033	-0.1541	-2.30E-3	5.30E-4	2.98E-4
<b>150</b>	CC1	0.5221	1.1728	-0.3619	1.65E-3	-8.30E-4	-4.79E-4
	CC2	0.5184	1.1313	-0.3578	1.59E-3	-8.24E-4	-4.59E-4
	CC3	0.5408	0.2573	-0.2903	3.08E-4	-8.36E-4	-3.99E-4
	CC4	0.5371	0.2158	-0.2862	2.53E-4	-8.30E-4	-3.78E-4
	CC5	-0.5340	-0.2255	0.0708	-2.84E-4	8.44E-4	3.92E-4
	CC6	-0.5377	-0.2669	0.0749	-3.39E-4	8.50E-4	4.12E-4
	CC7	-0.5153	-1.1410	0.1424	-1.62E-3	8.38E-4	4.72E-4
	CC8	-0.5190	-1.1824	0.1465	-1.68E-3	8.44E-4	4.93E-4
	CC9	0.1345	1.7936	-0.2982	2.59E-3	-2.43E-4	-2.89E-4
	CC10	0.1233	1.6679	-0.2857	2.43E-3	-2.25E-4	-2.27E-4
	CC11	-0.1823	1.3742	-0.1684	2.01E-3	2.59E-4	-2.76E-5
	CC12	-0.1935	1.2484	-0.1559	1.85E-3	2.77E-4	3.42E-5
	CC13	0.1966	-1.2581	-0.0595	-1.88E-3	-2.63E-4	-2.08E-5
	CC14	0.1854	-1.3838	-0.0470	-2.04E-3	-2.45E-4	4.10E-5
	CC15	-0.1202	-1.6775	0.0703	-2.46E-3	2.39E-4	2.41E-4
	CC16	-0.1314	-1.8033	0.0828	-2.62E-3	2.57E-4	3.02E-4
<b>151</b>	CC1	1.1169	-1.4686	-0.2325	-7.75E-4	1.05E-3	-7.52E-4
	CC2	1.0842	-1.3938	-0.2269	-7.34E-4	-1.02E-3	-7.20E-4
	CC3	1.0439	-2.3985	-0.3502	-1.33E-3	-9.75E-4	-6.37E-4
	CC4	1.0112	-2.3238	-0.3445	-1.29E-3	-9.49E-4	-6.05E-4
	CC5	-1.0059	2.2963	0.1264	1.32E-3	8.68E-4	6.21E-4
	CC6	-1.0386	2.3710	0.1321	1.36E-3	8.95E-4	6.53E-4
	CC7	-1.0789	1.3663	0.0088	7.63E-4	9.40E-4	7.36E-4
	CC8	-1.1116	1.4411	0.0144	8.04E-4	9.67E-4	7.68E-4
	CC9	0.4923	0.8581	0.0247	5.69E-4	-4.88E-4	-4.38E-4
	CC10	0.3931	1.0848	0.0418	6.93E-4	-4.07E-4	-3.41E-4
	CC11	-0.1445	1.9875	0.1323	1.20E-3	8.64E-5	-2.58E-5
	CC12	-0.2437	2.2143	0.1495	1.32E-3	1.68E-4	7.11E-5
	CC13	0.2490	-2.2418	-0.3676	-1.29E-3	-2.49E-4	-5.48E-5
	CC14	0.1497	-2.0150	-0.3504	-1.17E-3	-1.67E-4	4.20E-5
	CC15	-0.3879	-1.1123	-0.2599	-6.64E-4	3.26E-4	3.57E-4
	CC16	-0.4871	-0.8856	-0.2427	-5.40E-4	4.07E-4	4.54E-4
<b>152</b>	CC1	0.8795	-1.4694	-0.2555	-1.15E-3	-8.86E-4	-7.58E-4
	CC2	0.8674	-1.3947	-0.2472	-1.09E-3	-8.76E-4	-7.26E-4



	CC3	0.8816	-2.3993	-0.3606	-1.91E-3	-8.62E-4	-6.43E-4
	CC4	0.8694	-2.3246	-0.3523	-1.86E-3	-8.52E-4	-6.11E-4
	CC5	-0.8519	2.2955	0.1614	1.77E-3	7.61E-4	6.16E-4
	CC6	-0.8641	2.3702	0.1697	1.83E-3	7.71E-4	6.47E-4
	CC7	-0.8499	1.3655	0.0562	1.00E-3	7.85E-4	7.30E-4
	CC8	-0.8620	1.4402	0.0645	1.06E-3	7.94E-4	7.62E-4
	CC9	0.2835	0.8573	0.0047	7.08E-4	-3.47E-4	-4.44E-4
	CC10	0.2467	1.0840	0.0298	8.85E-4	-3.17E-4	-3.47E-4
	CC11	-0.2360	1.9867	0.1297	1.58E-3	1.47E-4	-3.16E-5
	CC12	-0.2727	2.2135	0.1549	1.76E-3	1.77E-4	6.52E-5
	CC13	0.2902	-2.2426	-0.3459	-1.85E-3	-2.68E-4	-6.06E-5
	CC14	0.2535	-2.0159	-0.3207	-1.67E-3	-2.38E-4	3.62E-5
	CC15	-0.2292	-1.1131	-0.2208	-9.72E-4	2.26E-4	3.51E-4
	CC16	-0.2660	-0.8864	-0.1956	-7.95E-4	2.56E-4	4.48E-4
153	CC1	0.7878	-1.4690	0.1776	-1.51E-3	-7.64E-4	-7.62E-4
	CC2	0.7849	-1.3943	0.1639	-1.43E-3	-7.60E-4	-7.30E-4
	CC3	0.8228	-2.3990	0.3481	-2.54E-3	-8.16E-4	-6.47E-4
	CC4	0.8199	-2.3243	0.3344	-2.46E-3	-8.12E-4	-6.15E-4
	CC5	-0.8063	2.2958	-0.5123	2.42E-3	7.58E-4	6.11E-4
	CC6	-0.8092	2.3705	-0.5260	2.50E-3	7.62E-4	6.43E-4
	CC7	-0.7713	1.3658	-0.3418	1.39E-3	7.06E-4	7.26E-4
	CC8	-0.7742	1.4406	-0.3555	1.47E-3	7.10E-4	7.58E-4
	CC9	0.1920	0.8576	-0.2488	9.84E-4	-1.74E-4	-4.48E-4
	CC10	0.1832	1.0843	-0.2904	1.22E-3	-1.63E-4	-3.51E-4
	CC11	-0.2862	1.9871	-0.4557	2.16E-3	2.82E-4	-3.61E-5
	CC12	-0.2951	2.2138	-0.4973	2.40E-3	2.93E-4	6.07E-5
	CC13	0.3087	-2.2423	0.3195	-2.44E-3	-3.48E-4	-6.52E-5
	CC14	0.2998	-2.0155	0.2779	-2.20E-3	-3.36E-4	3.17E-5
	CC15	-0.1696	-1.1128	0.1125	-1.27E-3	1.09E-4	3.47E-4
	CC16	-0.1785	-0.8861	0.0709	-1.03E-3	1.20E-4	4.44E-4
154	CC1	1.1157	-1.1376	-0.1656	-1.35E-4	-3.19E-4	-7.53E-4
	CC2	1.0830	-1.0767	-0.1639	-1.19E-4	-3.15E-4	-7.22E-4
	CC3	1.0427	-2.1174	-0.2080	-4.25E-4	-1.87E-4	-6.39E-4
	CC4	1.0100	-2.0565	-0.2064	-4.09E-4	-1.83E-4	-6.07E-4
	CC5	-1.0071	2.0311	-0.0412	7.56E-4	1.88E-4	6.20E-4
	CC6	-1.0398	2.0920	-0.0395	7.72E-4	1.92E-4	6.52E-4
	CC7	-1.0801	1.0513	-0.0836	4.66E-4	3.20E-4	7.35E-4
	CC8	-1.1128	1.1121	-0.0820	4.82E-4	3.24E-4	7.67E-4
	CC9	0.4912	1.0527	-0.0741	4.98E-4	-2.99E-4	-4.39E-4
	CC10	0.3919	1.2374	-0.0692	5.48E-4	-2.88E-4	-3.42E-4
	CC11	-0.1457	2.0033	-0.0368	7.65E-4	-1.47E-4	-2.74E-5
	CC12	-0.2449	2.1880	-0.0319	8.15E-4	-1.36E-4	6.95E-5
	CC13	0.2478	-2.2134	-0.2157	-4.68E-4	1.41E-4	-5.64E-5
	CC14	0.1486	-2.0287	-0.2107	-4.18E-4	1.52E-4	4.04E-5
	CC15	-0.3890	-1.2628	-0.1783	-2.01E-4	2.93E-4	3.56E-4
	CC16	-0.4883	-1.0781	-0.1734	-1.51E-4	3.04E-4	4.52E-4
155	CC1	0.8773	-1.1380	-0.1763	-3.86E-4	-2.93E-4	-7.59E-4
	CC2	0.8652	-1.0772	-0.1745	-3.74E-4	-2.93E-4	-7.27E-4
	CC3	0.8793	-2.1178	-0.2044	-5.74E-4	-2.51E-4	-6.44E-4
	CC4	0.8672	-2.0570	-0.2026	-5.62E-4	-2.51E-4	-6.12E-4
	CC5	-0.8542	2.0307	-0.0565	3.25E-4	2.36E-4	6.14E-4
	CC6	-0.8663	2.0916	-0.0547	3.37E-4	2.36E-4	6.46E-4
	CC7	-0.8522	1.0509	-0.0846	1.37E-4	2.78E-4	7.29E-4
	CC8	-0.8643	1.1118	-0.0828	1.49E-4	2.78E-4	7.61E-4
	CC9	0.2812	1.0522	-0.1034	7.08E-5	-1.58E-4	-4.45E-4
	CC10	0.2444	1.2369	-0.0980	1.07E-4	-1.56E-4	-3.48E-4
	CC11	-0.2382	2.0029	-0.0674	2.84E-4	8.58E-7	-3.30E-5
	CC12	-0.2750	2.1876	-0.0620	3.21E-4	2.38E-6	6.38E-5
	CC13	0.2880	-2.2138	-0.1970	-5.57E-4	-1.72E-5	-6.20E-5
	CC14	0.2512	-2.0291	-0.1916	-5.21E-4	-1.57E-5	3.48E-5
	CC15	-0.2315	-1.2632	-0.1611	-3.44E-4	1.41E-4	3.50E-4
	CC16	-0.2683	-1.0785	-0.1557	-3.08E-4	1.43E-4	4.47E-4
156	CC1	0.7867	-1.1380	-0.0550	-5.84E-4	-2.88E-4	-7.63E-4
	CC2	0.7838	-1.0772	-0.0570	-5.61E-4	-2.78E-4	-7.31E-4
	CC3	0.8218	-2.1179	-0.0215	-9.31E-4	-4.05E-4	-6.49E-4
	CC4	0.8188	-2.0570	-0.0235	-9.08E-4	-3.94E-4	-6.17E-4
	CC5	-0.8072	2.0306	-0.1843	7.53E-4	3.80E-4	6.10E-4
	CC6	-0.8101	2.0915	-0.1864	7.76E-4	3.90E-4	6.42E-4
	CC7	-0.7721	1.0508	-0.1508	4.06E-4	2.64E-4	7.25E-4
	CC8	-0.7750	1.1117	-0.1529	4.30E-4	2.74E-4	7.57E-4
	CC9	0.1909	1.0522	-0.1372	2.64E-4	7.11E-5	-4.49E-4
	CC10	0.1821	1.2369	-0.1435	3.36E-4	1.03E-4	-3.52E-4

	CC11	-0.2872	2.0028	-0.1760	6.65E-4	2.72E-4	-3.73E-5
	CC12	-0.2961	2.1875	-0.1823	7.37E-4	3.03E-4	5.96E-5
	CC13	0.3078	-2.2139	-0.0256	-8.92E-4	-3.17E-4	-6.63E-5
	CC14	0.2989	-2.0292	-0.0318	-8.20E-4	-2.86E-4	3.05E-5
	CC15	-0.1704	-1.2633	-0.0644	-4.91E-4	-1.17E-4	3.46E-4
	CC16	-0.1792	-1.0786	-0.0707	-4.19E-4	-8.53E-5	4.42E-4
<b>157</b>	CC1	1.1149	-0.8616	-0.1171	-6.76E-5	-3.48E-4	-7.55E-4
	CC2	1.0822	-0.8124	-0.1165	-5.28E-5	-3.39E-4	-7.23E-4
	CC3	1.0419	-1.8831	-0.0713	-3.92E-4	-3.14E-4	-6.40E-4
	CC4	1.0092	-1.8339	-0.0708	-3.78E-4	-3.04E-4	-6.08E-4
	CC5	-1.0079	1.8087	-0.1690	7.45E-4	3.09E-4	6.18E-4
	CC6	-1.0406	1.8580	-0.1685	7.60E-4	3.18E-4	6.50E-4
	CC7	-1.0809	0.7872	-0.1233	4.20E-4	3.44E-4	7.33E-4
	CC8	-1.1136	0.8365	-0.1227	4.35E-4	3.53E-4	7.65E-4
	CC9	0.4903	1.2146	-0.1892	5.81E-4	-1.68E-4	-4.41E-4
	CC10	0.3911	1.3642	-0.1875	6.26E-4	-1.39E-4	-3.44E-4
	CC11	-0.1465	2.0157	-0.2048	8.25E-4	2.95E-5	-2.92E-5
	CC12	-0.2457	2.1653	-0.2031	8.69E-4	5.77E-5	6.77E-5
	CC13	0.2470	-2.1904	-0.0367	-5.02E-4	-5.29E-5	-5.82E-5
	CC14	0.1477	-2.0408	-0.0350	-4.57E-4	-2.47E-5	3.86E-5
	CC15	-0.3899	-1.3893	-0.0523	-2.58E-4	1.44E-4	3.54E-4
	CC16	-0.4891	-1.2397	-0.0506	-2.13E-4	1.72E-4	4.51E-4
<b>158</b>	CC1	0.8754	-0.8621	-0.1100	-2.29E-4	-2.22E-4	-7.57E-4
	CC2	0.8633	-0.8128	-0.1097	-2.23E-4	-2.19E-4	-7.25E-4
	CC3	0.8774	-1.8836	-0.1202	-3.70E-4	-2.55E-4	-6.42E-4
	CC4	0.8653	-1.8343	-0.1200	-3.64E-4	-2.53E-4	-6.10E-4
	CC5	-0.8561	1.8083	-0.1378	1.29E-4	2.49E-4	6.16E-4
	CC6	-0.8682	1.8576	-0.1376	1.34E-4	2.52E-4	6.48E-4
	CC7	-0.8540	0.7868	-0.1481	-1.20E-5	2.16E-4	7.31E-4
	CC8	-0.8662	0.8361	-0.1479	-6.49E-6	2.18E-4	7.63E-4
	CC9	0.2794	1.2142	-0.1080	5.51E-5	-2.01E-5	-4.43E-4
	CC10	0.2426	1.3637	-0.1073	7.19E-5	-1.21E-5	-3.46E-4
	CC11	-0.2401	2.0153	-0.1163	1.62E-4	1.21E-4	-3.08E-5
	CC12	-0.2769	2.1649	-0.1157	1.79E-4	1.29E-4	6.60E-5
	CC13	0.2861	-2.1908	-0.1422	-4.14E-4	-1.32E-4	-5.99E-5
	CC14	0.2493	-2.0413	-0.1415	-3.98E-4	-1.24E-4	3.69E-5
	CC15	-0.2333	-1.3897	-0.1506	-3.07E-4	8.91E-6	3.52E-4
	CC16	-0.2701	-1.2402	-0.1499	-2.90E-4	1.69E-5	4.49E-4
<b>159</b>	CC1	0.7861	-0.8621	-0.0766	-3.13E-4	-2.62E-4	-7.59E-4
	CC2	0.7832	-0.8128	-0.0776	-3.01E-4	-2.62E-4	-7.27E-4
	CC3	0.8211	-1.8836	-0.0552	-5.87E-4	-2.30E-4	-6.44E-4
	CC4	0.8182	-1.8343	-0.0562	-5.74E-4	-2.30E-4	-6.12E-4
	CC5	-0.8080	1.8082	-0.1514	4.21E-4	2.20E-4	6.14E-4
	CC6	-0.8109	1.8575	-0.1523	4.33E-4	2.20E-4	6.46E-4
	CC7	-0.7730	0.7867	-0.1299	1.47E-4	2.52E-4	7.29E-4
	CC8	-0.7759	0.8360	-0.1309	1.59E-4	2.52E-4	7.61E-4
	CC9	0.1903	1.2141	-0.1268	2.51E-4	-1.31E-4	-4.45E-4
	CC10	0.1815	1.3637	-0.1297	2.88E-4	-1.30E-4	-3.48E-4
	CC11	-0.2879	2.0152	-0.1493	4.71E-4	1.41E-5	-3.29E-5
	CC12	-0.2968	2.1648	-0.1522	5.08E-4	1.47E-5	6.39E-5
	CC13	0.3070	-2.1909	-0.0554	-6.62E-4	-2.44E-5	-6.20E-5
	CC14	0.2981	-2.0413	-0.0583	-6.25E-4	-2.38E-5	3.48E-5
	CC15	-0.1713	-1.3898	-0.0778	-4.42E-4	1.20E-4	3.50E-4
	CC16	-0.1802	-1.2402	-0.0807	-4.05E-4	1.21E-4	4.47E-4
<b>160</b>	CC1	1.1141	-0.5861	-0.0855	-1.12E-4	-3.06E-4	-7.58E-4
	CC2	1.0814	-0.5484	-0.0851	-9.53E-5	-2.96E-4	-7.26E-4
	CC3	1.0411	-1.6492	-0.1072	-5.68E-4	-3.93E-4	-6.43E-4
	CC4	1.0084	-1.6115	-0.1068	-5.51E-4	-3.83E-4	-6.11E-4
	CC5	-1.0086	1.5860	-0.1282	8.37E-4	3.80E-4	6.15E-4
	CC6	-1.0413	1.6237	-0.1277	8.54E-4	3.90E-4	6.47E-4
	CC7	-1.0817	0.5228	-0.1499	3.81E-4	2.93E-4	7.30E-4
	CC8	-1.1144	0.5605	-0.1494	3.98E-4	3.03E-4	7.62E-4
	CC9	0.4896	1.3762	-0.0756	7.34E-4	2.54E-5	-4.44E-4
	CC10	0.3904	1.4906	-0.0742	7.86E-4	5.57E-5	-3.47E-4
	CC11	-0.1472	2.0278	-0.0883	1.02E-3	2.31E-4	-3.16E-5
	CC12	-0.2465	2.1422	-0.0870	1.07E-3	2.62E-4	6.52E-5
	CC13	0.2462	-2.1678	-0.1479	-7.84E-4	-2.65E-4	-6.07E-5
	CC14	0.1470	-2.0533	-0.1466	-7.33E-4	-2.35E-4	3.61E-5
	CC15	-0.3906	-1.5161	-0.1607	-5.00E-4	-5.89E-5	3.51E-4
	CC16	-0.4898	-1.4017	-0.1594	-4.48E-4	-2.87E-5	4.48E-4
<b>161</b>	CC1	0.8739	-0.5869	-0.0769	-2.71E-4	-2.22E-4	-7.57E-4
	CC2	0.8617	-0.5492	-0.0763	-2.60E-4	-2.19E-4	-7.25E-4

	CC3	0.8759	-1.6501	-0.1107	-5.93E-4	-2.50E-4	-6.42E-4
	CC4	0.8638	-1.6124	-0.1101	-5.82E-4	-2.47E-4	-6.10E-4
	CC5	-0.8576	1.5851	-0.1467	3.87E-4	2.29E-4	6.16E-4
	CC6	-0.8697	1.6228	-0.1461	3.97E-4	2.33E-4	6.48E-4
	CC7	-0.8556	0.5219	-0.1805	6.48E-5	2.01E-4	7.31E-4
	CC8	-0.8677	0.5596	-0.1799	7.55E-5	2.04E-4	7.63E-4
	CC9	0.2778	1.3753	-0.0625	3.24E-4	-3.48E-5	-4.43E-4
	CC10	0.2410	1.4897	-0.0606	3.57E-4	-2.47E-5	-3.46E-4
	CC11	-0.2416	2.0269	-0.0835	5.21E-4	1.01E-4	-3.10E-5
	CC12	-0.2784	2.1413	-0.0816	5.54E-4	1.11E-4	6.59E-5
	CC13	0.2846	-2.1686	-0.1752	-7.49E-4	-1.29E-4	-6.00E-5
	CC14	0.2478	-2.0542	-0.1733	-7.17E-4	-1.18E-4	3.68E-5
	CC15	-0.2349	-1.5170	-0.1962	-5.52E-4	6.88E-6	3.52E-4
	CC16	-0.2716	-1.4026	-0.1942	-5.19E-4	1.70E-5	4.49E-4
<b>162</b>	CC1	0.7854	-0.5871	-0.0738	-3.52E-4	-2.53E-4	-7.57E-4
	CC2	0.7825	-0.5494	-0.0753	-3.34E-4	-2.52E-4	-7.26E-4
	CC3	0.8204	-1.6503	-0.0263	-8.82E-4	-2.67E-4	-6.43E-4
	CC4	0.8175	-1.6126	-0.0279	-8.64E-4	-2.67E-4	-6.11E-4
	CC5	-0.8087	1.5850	-0.1846	7.38E-4	2.51E-4	6.16E-4
	CC6	-0.8116	1.6227	-0.1861	7.56E-4	2.51E-4	6.48E-4
	CC7	-0.7737	0.5218	-0.1371	2.08E-4	2.36E-4	7.31E-4
	CC8	-0.7767	0.5595	-0.1386	2.26E-4	2.36E-4	7.63E-4
	CC9	0.1896	1.3752	-0.1664	6.29E-4	-5.98E-5	-4.43E-4
	CC10	0.1807	1.4896	-0.1711	6.84E-4	-5.76E-5	-3.46E-4
	CC11	-0.2886	2.0268	-0.1996	9.56E-4	9.12E-5	-3.14E-5
	CC12	-0.2975	2.1412	-0.2043	1.01E-3	9.34E-5	6.55E-5
	CC13	0.3062	-2.1688	-0.0081	-1.14E-3	-1.09E-4	-6.04E-5
	CC14	0.2973	-2.0544	-0.0128	-1.08E-3	-1.07E-4	3.64E-5
	CC15	-0.1720	-1.5172	-0.0414	-8.10E-4	4.15E-5	3.52E-4
	CC16	-0.1809	-1.4027	-0.0460	-7.55E-4	4.37E-5	4.48E-4
<b>163</b>	CC1	1.1135	-0.3116	-0.1243	-2.31E-5	-2.88E-4	-7.57E-4
	CC2	1.0808	-0.2855	-0.1241	-1.30E-5	-2.79E-4	-7.25E-4
	CC3	1.0405	-1.4165	-0.0874	-2.96E-4	-3.35E-4	-6.42E-4
	CC4	1.0078	-1.3904	-0.0872	-2.86E-4	-3.26E-4	-6.10E-4
	CC5	-1.0093	1.3621	-0.1484	6.48E-4	3.21E-4	6.17E-4
	CC6	-1.0420	1.3882	-0.1482	6.58E-4	3.30E-4	6.48E-4
	CC7	-1.0823	0.2572	-0.1115	3.75E-4	2.74E-4	7.31E-4
	CC8	-1.1150	0.2834	-0.1113	3.85E-4	2.83E-4	7.63E-4
	CC9	0.4890	1.5366	-0.1759	5.20E-4	-2.97E-5	-4.43E-4
	CC10	0.3897	1.6159	-0.1754	5.50E-4	-2.33E-6	-3.46E-4
	CC11	-0.1479	2.0387	-0.1831	7.21E-4	1.53E-4	-3.06E-5
	CC12	-0.2471	2.1180	-0.1826	7.51E-4	1.80E-4	6.62E-5
	CC13	0.2456	-2.1463	-0.0529	-3.89E-4	-1.86E-4	-5.97E-5
	CC14	0.1464	-2.0670	-0.0524	-3.59E-4	-1.58E-4	3.72E-5
	CC15	-0.3913	-1.6441	-0.0601	-1.88E-4	-2.75E-6	3.52E-4
	CC16	-0.4905	-1.5649	-0.0596	-1.57E-4	2.47E-5	4.49E-4
<b>164</b>	CC1	0.8722	-0.3121	0.0122	1.41E-4	1.49E-4	-7.53E-4
	CC2	0.8600	-0.2859	0.0113	1.44E-4	1.47E-4	-7.21E-4
	CC3	0.8742	-1.4169	-0.0105	-7.51E-5	1.77E-4	-6.38E-4
	CC4	0.8621	-1.3908	-0.0115	-7.20E-5	1.76E-4	-6.06E-4
	CC5	-0.8593	1.3617	-0.2491	-1.33E-4	-1.10E-4	6.20E-4
	CC6	-0.8714	1.3878	-0.2501	-1.30E-4	-1.12E-4	6.52E-4
	CC7	-0.8573	0.2568	-0.2719	-3.49E-4	-8.20E-5	7.35E-4
	CC8	-0.8694	0.2830	-0.2729	-3.45E-4	-8.37E-5	7.67E-4
	CC9	0.2761	1.5362	-0.0517	2.94E-4	2.69E-5	-4.39E-4
	CC10	0.2393	1.6155	-0.0547	3.03E-4	2.16E-5	-3.42E-4
	CC11	-0.2433	2.0383	-0.1301	2.12E-4	-5.09E-5	-2.67E-5
	CC12	-0.2801	2.1176	-0.1331	2.21E-4	-5.61E-5	7.02E-5
	CC13	0.2829	-2.1467	-0.1276	-4.26E-4	1.21E-4	-5.57E-5
	CC14	0.2461	-2.0674	-0.1305	-4.16E-4	1.16E-4	4.11E-5
	CC15	-0.2366	-1.6446	-0.2060	-5.08E-4	4.36E-5	3.56E-4
	CC16	-0.2734	-1.5653	-0.2089	-4.98E-4	3.83E-5	4.53E-4
<b>165</b>	CC1	0.7847	-0.3121	-0.0555	3.26E-4	-1.47E-4	-7.52E-4
	CC2	0.7818	-0.2860	-0.0563	3.30E-4	-1.46E-4	-7.20E-4
	CC3	0.8197	-1.4170	-0.0293	3.30E-5	-1.85E-4	-6.37E-4
	CC4	0.8168	-1.3909	-0.0301	3.68E-5	-1.84E-4	-6.05E-4
	CC5	-0.8094	1.3616	-0.1852	-1.77E-4	1.77E-4	6.21E-4
	CC6	-0.8123	1.3877	-0.1860	-1.73E-4	1.78E-4	6.53E-4
	CC7	-0.7744	0.2568	-0.1590	-4.70E-4	1.39E-4	7.36E-4
	CC8	-0.7773	0.2829	-0.1599	-4.66E-4	1.40E-4	7.68E-4
	CC9	0.1889	1.5361	-0.1305	4.88E-4	1.06E-5	-4.38E-4
	CC10	0.1801	1.6154	-0.1332	5.00E-4	1.35E-5	-3.41E-4

	CC11	-0.2893	2.0382	-0.1694	3.37E-4	1.08E-4	-2.60E-5
	CC12	-0.2982	2.1175	-0.1721	3.49E-4	1.11E-4	7.08E-5
	CC13	0.3056	-2.1467	-0.0432	-4.89E-4	-1.18E-4	-5.50E-5
	CC14	0.2967	-2.0675	-0.0459	-4.77E-4	-1.15E-4	4.18E-5
	CC15	-0.1727	-1.6446	-0.0822	-6.40E-4	-2.06E-5	3.57E-4
	CC16	-0.1816	-1.5653	-0.0848	-6.28E-4	-1.77E-5	4.54E-4
<b>166</b>	CC1	1.1129	-0.0315	-0.0883	-8.87E-5	-3.23E-4	-7.56E-4
	CC2	1.0802	-0.0172	-0.0883	-8.32E-5	-3.13E-4	-7.24E-4
	CC3	1.0399	-1.1792	-0.1241	-2.58E-4	-3.66E-4	-6.41E-4
	CC4	1.0072	-1.1649	-0.1241	-2.53E-4	-3.57E-4	-6.09E-4
	CC5	-1.0099	1.1300	-0.1131	5.31E-4	3.54E-4	6.17E-4
	CC6	-1.0426	1.1442	-0.1131	5.36E-4	3.64E-4	6.49E-4
	CC7	-1.0829	-0.0177	-0.1488	3.61E-4	3.11E-4	7.32E-4
	CC8	-1.1156	-0.0035	-0.1488	3.67E-4	3.20E-4	7.64E-4
	CC9	0.4883	1.6996	-0.0553	3.20E-4	-4.56E-5	-4.42E-4
	CC10	0.3891	1.7427	-0.0553	3.37E-4	-1.59E-5	-3.45E-4
	CC11	-0.1485	2.0480	-0.0628	5.06E-4	1.58E-4	-3.01E-5
	CC12	-0.2477	2.0912	-0.0627	5.23E-4	1.87E-4	6.67E-5
	CC13	0.2450	-2.1261	-0.1744	-2.45E-4	-1.90E-4	-5.92E-5
	CC14	0.1457	-2.0830	-0.1744	-2.28E-4	-1.60E-4	3.76E-5
	CC15	-0.3919	-1.7777	-0.1819	-5.89E-5	1.32E-5	3.53E-4
	CC16	-0.4911	-1.7345	-0.1818	-4.20E-5	4.29E-5	4.50E-4
<b>167</b>	CC1	0.8716	-0.0319	0.0810	-4.48E-5	-2.33E-4	-7.53E-4
	CC2	0.8595	-0.0176	0.0793	-3.69E-5	-2.29E-4	-7.21E-4
	CC3	0.8736	-1.1796	0.0606	-6.06E-4	-2.52E-4	-6.38E-4
	CC4	0.8615	-1.1653	0.0589	-5.98E-4	-2.49E-4	-6.06E-4
	CC5	-0.8599	1.1296	-0.2834	4.86E-4	3.06E-4	6.20E-4
	CC6	-0.8720	1.1438	-0.2851	4.94E-4	3.10E-4	6.52E-4
	CC7	-0.8578	-0.0181	-0.3038	-7.53E-5	2.87E-4	7.35E-4
	CC8	-0.8700	-0.0039	-0.3055	-6.74E-5	2.91E-4	7.67E-4
	CC9	0.2756	1.6992	-0.0211	7.88E-4	-2.51E-5	-4.39E-4
	CC10	0.2388	1.7423	-0.0261	8.12E-4	-1.39E-5	-3.42E-4
	CC11	-0.2439	2.0476	-0.1304	9.48E-4	1.37E-4	-2.70E-5
	CC12	-0.2807	2.0908	-0.1354	9.71E-4	1.48E-4	6.98E-5
	CC13	0.2823	-2.1265	-0.0891	-1.08E-3	-9.03E-5	-5.60E-5
	CC14	0.2455	-2.0833	-0.0941	-1.06E-3	-7.91E-5	4.08E-5
	CC15	-0.2371	-1.7781	-0.1984	-9.24E-4	7.15E-5	3.56E-4
	CC16	-0.2739	-1.7349	-0.2034	-9.00E-4	8.27E-5	4.53E-4
<b>168</b>	CC1	0.7841	-0.0318	0.0440	1.92E-4	-9.16E-6	-7.53E-4
	CC2	0.7812	-0.0176	0.0438	1.87E-4	-3.19E-6	-7.21E-4
	CC3	0.8191	-1.1796	0.0185	9.53E-5	-3.81E-4	-6.38E-4
	CC4	0.8161	-1.1653	0.0183	9.04E-5	-3.75E-4	-6.06E-4
	CC5	-0.8100	1.1296	-0.2365	-1.20E-4	4.22E-4	6.21E-4
	CC6	-0.8130	1.1438	-0.2367	-1.25E-4	4.28E-4	6.52E-4
	CC7	-0.7750	-0.0181	-0.2620	-2.17E-4	5.02E-5	7.35E-4
	CC8	-0.7780	-0.0039	-0.2622	-2.22E-4	5.62E-5	7.67E-4
	CC9	0.1883	1.6992	-0.0243	2.01E-4	5.69E-4	-4.39E-4
	CC10	0.1794	1.7423	-0.0247	1.86E-4	5.87E-4	-3.42E-4
	CC11	-0.2899	2.0476	-0.1085	1.07E-4	6.98E-4	-2.66E-5
	CC12	-0.2988	2.0908	-0.1089	9.24E-5	7.16E-4	7.03E-5
	CC13	0.3049	-2.1265	-0.1093	-1.22E-4	-6.69E-4	-5.56E-5
	CC14	0.2960	-2.0833	-0.1097	-1.37E-4	-6.51E-4	4.12E-5
	CC15	-0.1733	-1.7781	-0.1935	-2.15E-4	-5.40E-4	3.56E-4
	CC16	-0.1822	-1.7349	-0.1938	-2.30E-4	-5.22E-4	4.53E-4
<b>169</b>	CC1	1.1123	0.2500	-0.0975	1.12E-4	-3.68E-4	-7.56E-4
	CC2	1.0796	0.2523	-0.0976	1.14E-4	-3.58E-4	-7.24E-4
	CC3	1.0393	-0.9406	-0.1188	-9.00E-5	-4.30E-4	-6.41E-4
	CC4	1.0066	-0.9383	-0.1189	-8.78E-5	-4.19E-4	-6.09E-4
	CC5	-1.0105	0.8992	-0.1211	3.41E-4	4.12E-4	6.18E-4
	CC6	-1.0432	0.9015	-0.1212	3.43E-4	4.23E-4	6.49E-4
	CC7	-1.0835	-0.2913	-0.1424	1.39E-4	3.51E-4	7.32E-4
	CC8	-1.1162	-0.2890	-0.1425	1.41E-4	3.61E-4	7.64E-4
	CC9	0.4878	1.8638	-0.0808	4.25E-4	-3.45E-5	-4.42E-4
	CC10	0.3886	1.8709	-0.0812	4.32E-4	-2.74E-6	-3.45E-4
	CC11	-0.1491	2.0586	-0.0879	4.93E-4	2.00E-4	-2.95E-5
	CC12	-0.2483	2.0656	-0.0882	5.00E-4	2.31E-4	6.73E-5
	CC13	0.2444	-2.1047	-0.1518	-2.47E-4	-2.38E-4	-5.86E-5
	CC14	0.1452	-2.0976	-0.1521	-2.41E-4	-2.07E-4	3.82E-5
	CC15	-0.3924	-1.9099	-0.1588	-1.79E-4	-4.24E-6	3.53E-4
	CC16	-0.4917	-1.9029	-0.1592	-1.72E-4	2.75E-5	4.50E-4
<b>170</b>	CC1	0.8721	0.2496	-0.0118	1.57E-5	-7.86E-4	-7.56E-4
	CC2	0.8600	0.2519	-0.0122	1.64E-5	-7.76E-4	-7.24E-4

	CC3	0.8741	-0.9410	-0.0364	-3.82E-4	-7.94E-4	-6.41E-4
	CC4	0.8620	-0.9386	-0.0367	-3.81E-4	-7.84E-4	-6.09E-4
	CC5	-0.8594	0.8988	-0.1786	2.69E-4	7.77E-4	6.18E-4
	CC6	-0.8715	0.9011	-0.1790	2.69E-4	7.87E-4	6.49E-4
	CC7	-0.8574	-0.2917	-0.2031	-1.29E-4	7.68E-4	7.32E-4
	CC8	-0.8695	-0.2894	-0.2035	-1.28E-4	7.79E-4	7.64E-4
	CC9	0.2760	1.8634	-0.0412	5.67E-4	-2.40E-4	-4.41E-4
	CC10	0.2393	1.8705	-0.0423	5.69E-4	-2.09E-4	-3.45E-4
	CC11	-0.2434	2.0582	-0.0913	6.43E-4	2.29E-4	-2.95E-5
	CC12	-0.2802	2.0652	-0.0923	6.45E-4	2.60E-4	6.73E-5
	CC13	0.2828	-2.1051	-0.1230	-7.58E-4	-2.67E-4	-5.86E-5
	CC14	0.2460	-2.0980	-0.1241	-7.56E-4	-2.36E-4	3.83E-5
	CC15	-0.2366	-1.9103	-0.1730	-6.82E-4	2.02E-4	3.53E-4
	CC16	-0.2734	-1.9033	-0.1741	-6.80E-4	2.33E-4	4.50E-4
171	CC1	0.7840	0.2496	0.0933	1.59E-4	-5.01E-4	-7.56E-4
	CC2	0.7810	0.2519	0.0954	1.61E-4	-5.00E-4	-7.24E-4
	CC3	0.8189	-0.9409	-0.0660	-5.62E-4	-5.07E-4	-6.41E-4
	CC4	0.8160	-0.9386	-0.0639	-5.61E-4	-5.06E-4	-6.09E-4
	CC5	-0.8102	0.8988	-0.1359	5.04E-4	4.77E-4	6.18E-4
	CC6	-0.8131	0.9012	-0.1339	5.06E-4	4.79E-4	6.50E-4
	CC7	-0.7752	-0.2917	-0.2953	-2.17E-4	4.71E-4	7.33E-4
	CC8	-0.7781	-0.2894	-0.2932	-2.16E-4	4.73E-4	7.64E-4
	CC9	0.1882	1.8635	0.1968	1.12E-3	-1.54E-4	-4.41E-4
	CC10	0.1793	1.8705	0.2031	1.12E-3	-1.48E-4	-3.45E-4
	CC11	-0.2901	2.0582	0.1281	1.22E-3	1.40E-4	-2.94E-5
	CC12	-0.2989	2.0653	0.1344	1.23E-3	1.45E-4	6.74E-5
	CC13	0.3048	-2.1051	-0.3342	-1.28E-3	-1.74E-4	-5.85E-5
	CC14	0.2959	-2.0980	-0.3280	-1.28E-3	-1.68E-4	3.84E-5
	CC15	-0.1734	-1.9103	-0.4030	-1.18E-3	1.20E-4	3.54E-4
	CC16	-0.1823	-1.9032	-0.3967	-1.18E-3	1.25E-4	4.50E-4
172	CC1	1.1117	0.5251	-0.0889	6.33E-4	-3.11E-4	-7.52E-4
	CC2	1.0790	0.5159	-0.0890	6.32E-4	-3.01E-4	-7.20E-4
	CC3	1.0387	-0.7071	-0.1337	3.88E-4	-2.91E-4	-6.37E-4
	CC4	1.0060	-0.7164	-0.1338	3.87E-4	-2.81E-4	-6.05E-4
	CC5	-1.0110	0.6764	-0.1175	-1.49E-4	2.22E-4	6.21E-4
	CC6	-1.0437	0.6672	-0.1176	-1.50E-4	2.32E-4	6.53E-4
	CC7	-1.0841	-0.5558	-0.1623	-3.94E-4	2.42E-4	7.36E-4
	CC8	-1.1167	-0.5651	-0.1624	-3.95E-4	2.52E-4	7.68E-4
	CC9	0.4872	2.0251	-0.0466	6.46E-4	-1.57E-4	-4.38E-4
	CC10	0.3880	1.9970	-0.0468	6.45E-4	-1.28E-4	-3.41E-4
	CC11	-0.1496	2.0705	-0.0552	4.11E-4	3.08E-6	-2.60E-5
	CC12	-0.2488	2.0424	-0.0553	4.10E-4	3.22E-5	7.08E-5
	CC13	0.2438	-2.0823	-0.1959	-1.72E-4	-9.11E-5	-5.51E-5
	CC14	0.1446	-2.1105	-0.1961	-1.73E-4	-6.20E-5	4.18E-5
	CC15	-0.3930	-2.0370	-0.2045	-4.06E-4	6.88E-5	3.57E-4
	CC16	-0.4922	-2.0651	-0.2047	-4.08E-4	9.78E-5	4.54E-4
173	CC1	0.8721	0.5248	-0.2763	8.53E-5	-5.58E-4	-7.59E-4
	CC2	0.8600	0.5155	-0.2733	8.50E-5	-5.51E-4	-7.27E-4
	CC3	0.8744	-0.7075	-0.2965	-4.95E-4	-5.64E-4	-6.44E-4
	CC4	0.8623	-0.7167	-0.2936	-4.95E-4	-5.57E-4	-6.12E-4
	CC5	-0.8581	0.6761	0.0702	4.09E-4	4.72E-4	6.14E-4
	CC6	-0.8702	0.6668	0.0731	4.09E-4	4.79E-4	6.46E-4
	CC7	-0.8558	-0.5562	0.0499	-1.72E-4	4.66E-4	7.29E-4
	CC8	-0.8679	-0.5654	0.0529	-1.72E-4	4.72E-4	7.61E-4
	CC9	0.2761	2.0248	-0.1344	8.76E-4	-1.97E-4	-4.45E-4
	CC10	0.2395	1.9966	-0.1254	8.75E-4	-1.76E-4	-3.48E-4
	CC11	-0.2430	2.0701	-0.0305	9.73E-4	1.12E-4	-3.27E-5
	CC12	-0.2795	2.0420	-0.0215	9.72E-4	1.32E-4	6.42E-5
	CC13	0.2837	-2.0827	-0.2019	-1.06E-3	-2.18E-4	-6.17E-5
	CC14	0.2472	-2.1108	-0.1929	-1.06E-3	-1.97E-4	3.51E-5
	CC15	-0.2354	-2.0373	-0.0980	-9.62E-4	9.12E-5	3.50E-4
	CC16	-0.2719	-2.0654	-0.0890	-9.63E-4	1.12E-4	4.47E-4
174	CC1	0.7839	0.5175	-0.1433	-3.94E-4	-5.49E-4	-7.58E-4
	CC2	0.7809	0.5085	-0.1422	-3.89E-4	-5.52E-4	-7.26E-4
	CC3	0.8188	-0.7137	-0.1734	-5.49E-4	-1.74E-4	-6.43E-4
	CC4	0.8159	-0.7226	-0.1723	-5.45E-4	-1.78E-4	-6.11E-4
	CC5	-0.8103	0.6819	-0.0630	5.52E-4	8.05E-5	6.15E-4
	CC6	-0.8132	0.6729	-0.0619	5.57E-4	7.71E-5	6.47E-4
	CC7	-0.7753	-0.5492	-0.0931	3.97E-4	4.55E-4	7.30E-4
	CC8	-0.7782	-0.5582	-0.0920	4.01E-4	4.51E-4	7.62E-4
	CC9	0.1881	2.0204	-0.0812	1.15E-4	-7.61E-4	-4.44E-4
	CC10	0.1792	1.9933	-0.0779	1.28E-4	-7.72E-4	-3.47E-4

	CC11	-0.2902	2.0698	-0.0571	3.99E-4	-5.73E-4	-3.19E-5
	CC12	-0.2990	2.0426	-0.0538	4.12E-4	-5.83E-4	6.49E-5
	CC13	0.3047	-2.0833	-0.1815	-4.04E-4	4.86E-4	-6.10E-5
	CC14	0.2958	-2.1105	-0.1782	-3.91E-4	4.75E-4	3.59E-5
	CC15	-0.1735	-2.0340	-0.1574	-1.20E-4	6.74E-4	3.51E-4
	CC16	-0.1824	-2.0612	-0.1541	-1.08E-4	6.64E-4	4.48E-4
<b>175</b>	CC1	1.1109	0.8019	-0.0938	2.20E-3	-7.92E-4	-7.56E-4
	CC2	1.0782	0.7811	-0.0935	2.27E-3	-7.77E-4	-7.24E-4
	CC3	1.0379	-0.4720	-0.1470	1.15E-3	-8.39E-4	-6.41E-4
	CC4	1.0052	-0.4929	-0.1468	1.22E-3	-8.23E-4	-6.09E-4
	CC5	-1.0119	0.4481	-0.1484	-1.01E-3	7.47E-4	6.17E-4
	CC6	-1.0446	0.4273	-0.1481	-9.42E-4	7.62E-4	6.49E-4
	CC7	-1.0849	-0.8258	-0.2016	-2.06E-3	7.01E-4	7.32E-4
	CC8	-1.1176	-0.8466	-0.2014	-1.99E-3	7.16E-4	7.64E-4
	CC9	0.4864	2.1855	-0.0510	2.24E-3	-2.14E-4	-4.42E-4
	CC10	0.3872	2.1223	-0.0503	2.44E-3	-1.68E-4	-3.45E-4
	CC11	-0.1505	2.0794	-0.0674	1.27E-3	2.48E-4	-3.01E-5
	CC12	-0.2497	2.0161	-0.0667	1.48E-3	2.94E-4	6.68E-5
	CC13	0.2430	-2.0609	-0.2285	-1.27E-3	-3.70E-4	-5.91E-5
	CC14	0.1438	-2.1241	-0.2277	-1.06E-3	-3.24E-4	3.77E-5
	CC15	-0.3938	-2.1670	-0.2449	-2.23E-3	9.19E-5	3.53E-4
	CC16	-0.4930	-2.2302	-0.2441	-2.02E-3	1.38E-4	4.50E-4
<b>176</b>	CC1	0.8717	0.8043	-0.2215	1.97E-4	-1.82E-4	-7.59E-4
	CC2	0.8596	0.7835	-0.2211	2.07E-4	-1.94E-4	-7.27E-4
	CC3	0.8738	-0.4696	-0.2507	3.74E-5	-2.23E-4	-6.44E-4
	CC4	0.8616	-0.4904	-0.2503	4.79E-5	-2.35E-4	-6.12E-4
	CC5	-0.8597	0.4506	-0.0419	-1.21E-4	1.50E-4	6.15E-4
	CC6	-0.8719	0.4297	-0.0415	-1.11E-4	1.38E-4	6.47E-4
	CC7	-0.8577	-0.8233	-0.0711	-2.81E-4	1.10E-4	7.30E-4
	CC8	-0.8698	-0.8442	-0.0707	-2.70E-4	9.75E-5	7.61E-4
	CC9	0.2757	2.1880	-0.1250	2.61E-4	-5.98E-6	-4.44E-4
	CC10	0.2389	2.1247	-0.1238	2.92E-4	-4.32E-5	-3.48E-4
	CC11	-0.2438	2.0818	-0.0711	1.65E-4	9.37E-5	-3.24E-5
	CC12	-0.2805	2.0186	-0.0699	1.97E-4	5.65E-5	6.44E-5
	CC13	0.2824	-2.0584	-0.2222	-2.70E-4	-1.41E-4	-6.15E-5
	CC14	0.2457	-2.1217	-0.2211	-2.39E-4	-1.78E-4	3.54E-5
	CC15	-0.2370	-2.1646	-0.1684	-3.66E-4	-4.14E-5	3.50E-4
	CC16	-0.2738	-2.2278	-0.1672	-3.34E-4	-7.86E-5	4.47E-4
<b>177</b>	CC1	0.7833	0.8043	-0.1442	3.18E-4	-4.74E-4	-7.56E-4
	CC2	0.7804	0.7835	-0.1450	3.11E-4	-4.75E-4	-7.24E-4
	CC3	0.8183	-0.4696	-0.1758	-2.95E-4	-4.52E-4	-6.41E-4
	CC4	0.8153	-0.4904	-0.1766	-3.01E-4	-4.53E-4	-6.10E-4
	CC5	-0.8108	0.4506	-0.0713	1.82E-4	4.28E-4	6.17E-4
	CC6	-0.8137	0.4297	-0.0722	1.76E-4	4.28E-4	6.49E-4
	CC7	-0.7758	-0.8234	-0.1029	-4.30E-4	4.50E-4	7.32E-4
	CC8	-0.7788	-0.8442	-0.1038	-4.37E-4	4.50E-4	7.64E-4
	CC9	0.1875	2.1879	-0.0810	9.92E-4	-1.83E-4	-4.42E-4
	CC10	0.1786	2.1247	-0.0835	9.71E-4	-1.84E-4	-3.45E-4
	CC11	-0.2907	2.0818	-0.0591	9.51E-4	8.78E-5	-3.02E-5
	CC12	-0.2996	2.0186	-0.0616	9.31E-4	8.63E-5	6.66E-5
	CC13	0.3041	-2.0584	-0.1863	-1.05E-3	-1.11E-4	-5.93E-5
	CC14	0.2952	-2.1217	-0.1888	-1.07E-3	-1.12E-4	3.76E-5
	CC15	-0.1741	-2.1646	-0.1644	-1.09E-3	1.60E-4	3.53E-4
	CC16	-0.1830	-2.2278	-0.1670	-1.11E-3	1.59E-4	4.50E-4
<b>178</b>	CC1	0.7014	0.7725	-0.2505	4.22E-4	-5.91E-4	-7.56E-4
	CC2	0.7094	0.7530	-0.2507	4.20E-4	-6.02E-4	-7.24E-4
	CC3	0.7757	-0.4966	-0.1723	2.56E-6	-6.35E-4	-6.41E-4
	CC4	0.7837	-0.5161	-0.1725	7.64E-7	-6.46E-4	-6.10E-4
	CC5	-0.7725	0.4762	-0.0252	-1.39E-4	6.17E-4	6.17E-4
	CC6	-0.7645	0.4567	-0.0254	-1.41E-4	6.07E-4	6.49E-4
	CC7	-0.6982	-0.7929	0.0530	-5.58E-4	5.73E-4	7.32E-4
	CC8	-0.6902	-0.8124	0.0528	-5.60E-4	5.63E-4	7.64E-4
	CC9	0.0907	2.1692	-0.2627	7.17E-4	-1.07E-4	-4.42E-4
	CC10	0.1150	2.1100	-0.2632	7.11E-4	-1.38E-4	-3.45E-4
	CC11	-0.3515	2.0803	-0.1951	5.48E-4	2.56E-4	-3.02E-5
	CC12	-0.3272	2.0211	-0.1956	5.43E-4	2.24E-4	6.66E-5
	CC13	0.3384	-2.0610	-0.0021	-6.81E-4	-2.53E-4	-5.93E-5
	CC14	0.3627	-2.1202	-0.0027	-6.86E-4	-2.85E-4	3.75E-5
	CC15	-0.1038	-2.1499	0.0655	-8.49E-4	1.09E-4	3.53E-4
	CC16	-0.0795	-2.2091	0.0649	-8.55E-4	7.78E-5	4.50E-4
<b>179</b>	CC1	1.1110	1.0879	-0.0576	1.02E-3	-6.80E-4	-7.66E-4
	CC2	1.0783	1.0552	-0.0587	1.04E-3	-6.67E-4	-7.34E-4

	CC3	1.0380	-0.2288	-0.1453	2.59E-4	-7.23E-4	-6.51E-4
	CC4	1.0053	-0.2616	-0.1464	2.73E-4	-7.10E-4	-6.19E-4
	CC5	-1.0118	0.2251	-0.1619	-1.21E-4	6.88E-4	6.07E-4
	CC6	-1.0445	0.1923	-0.1629	-1.06E-4	7.01E-4	6.39E-4
	CC7	-1.0848	-1.0917	-0.2496	-8.86E-4	6.45E-4	7.22E-4
	CC8	-1.1175	-1.1244	-0.2506	-8.71E-4	6.59E-4	7.54E-4
	CC9	0.4865	2.3555	0.0092	1.50E-3	-1.66E-4	-4.52E-4
	CC10	0.3872	2.2561	0.0060	1.55E-3	-1.25E-4	-3.55E-4
	CC11	-0.1504	2.0966	-0.0220	1.16E-3	2.45E-4	-3.98E-5
	CC12	-0.2496	1.9972	-0.0253	1.20E-3	2.86E-4	5.70E-5
	CC13	0.2431	-2.0337	-0.2830	-1.05E-3	-3.07E-4	-6.88E-5
	CC14	0.1439	-2.1331	-0.2862	-1.01E-3	-2.67E-4	2.80E-5
	CC15	-0.3937	-2.2926	-0.3143	-1.39E-3	1.03E-4	3.43E-4
	CC16	-0.4930	-2.3920	-0.3175	-1.35E-3	1.44E-4	4.40E-4
<b>180</b>	CC1	0.8707	1.0922	-0.1640	1.87E-5	-4.22E-4	-7.56E-4
	CC2	0.8586	1.0593	-0.1653	1.51E-5	-4.26E-4	-7.24E-4
	CC3	0.8727	-0.2251	-0.2107	-3.46E-5	-4.48E-4	-6.41E-4
	CC4	0.8606	-0.2580	-0.2120	-3.82E-5	-4.51E-4	-6.09E-4
	CC5	-0.8608	0.2226	-0.0799	-6.72E-5	4.47E-4	6.17E-4
	CC6	-0.8729	0.1897	-0.0812	-7.09E-5	4.44E-4	6.49E-4
	CC7	-0.8587	-1.0948	-0.1266	-1.21E-4	4.22E-4	7.32E-4
	CC8	-0.8708	-1.1277	-0.1279	-1.24E-4	4.18E-4	7.64E-4
	CC9	0.2747	2.3582	-0.0789	5.46E-5	-8.43E-5	-4.42E-4
	CC10	0.2379	2.2584	-0.0828	4.35E-5	-9.47E-5	-3.45E-4
	CC11	-0.2448	2.0973	-0.0537	2.88E-5	1.77E-4	-2.97E-5
	CC12	-0.2816	1.9975	-0.0575	1.77E-5	1.66E-4	6.72E-5
	CC13	0.2814	-2.0329	-0.2344	-1.23E-4	-1.70E-4	-5.87E-5
	CC14	0.2447	-2.1327	-0.2382	-1.34E-4	-1.81E-4	3.81E-5
	CC15	-0.2380	-2.2938	-0.2091	-1.49E-4	9.08E-5	3.53E-4
	CC16	-0.2748	-2.3936	-0.2130	-1.60E-4	8.03E-5	4.50E-4
<b>181</b>	CC1	0.7829	1.0885	-0.1820	4.12E-5	-4.58E-4	-7.58E-4
	CC2	0.7799	1.0557	-0.1815	2.75E-5	-4.58E-4	-7.26E-4
	CC3	0.8178	-0.2283	-0.1649	-5.60E-4	-4.39E-4	-6.43E-4
	CC4	0.8149	-0.2610	-0.1645	-5.74E-4	-4.39E-4	-6.11E-4
	CC5	-0.8112	0.2256	-0.1043	4.96E-4	4.28E-4	6.16E-4
	CC6	-0.8142	0.1929	-0.1039	4.82E-4	4.28E-4	6.48E-4
	CC7	-0.7763	-1.0911	-0.0873	-1.06E-4	4.47E-4	7.30E-4
	CC8	-0.7792	-1.1239	-0.0868	-1.20E-4	4.47E-4	7.62E-4
	CC9	0.1871	2.3560	-0.1751	9.16E-4	-1.71E-4	-4.43E-4
	CC10	0.1782	2.2566	-0.1738	8.74E-4	-1.71E-4	-3.47E-4
	CC11	-0.2911	2.0971	-0.1518	1.05E-3	9.50E-5	-3.15E-5
	CC12	-0.3000	1.9978	-0.1505	1.01E-3	9.52E-5	6.53E-5
	CC13	0.3037	-2.0332	-0.1183	-1.09E-3	-1.06E-4	-6.06E-5
	CC14	0.2948	-2.1326	-0.1170	-1.13E-3	-1.06E-4	3.63E-5
	CC15	-0.1745	-2.2920	-0.0950	-9.53E-4	1.60E-4	3.51E-4
	CC16	-0.1834	-2.3914	-0.0937	-9.95E-4	1.60E-4	4.48E-4
<b>182</b>	CC1	0.7003	1.0884	-0.1000	-5.62E-5	-3.69E-4	-7.65E-4
	CC2	0.7083	1.0557	-0.0970	-6.62E-5	-3.73E-4	-7.33E-4
	CC3	0.7746	-0.2283	-0.0040	-4.51E-4	-4.06E-4	-6.50E-4
	CC4	0.7826	-0.2611	-0.0011	-4.61E-4	-4.10E-4	-6.18E-4
	CC5	-0.7736	0.2256	-0.2276	3.40E-4	4.02E-4	6.08E-4
	CC6	-0.7656	0.1928	-0.2247	3.30E-4	3.98E-4	6.40E-4
	CC7	-0.6993	-1.0912	-0.1317	-5.49E-5	3.65E-4	7.23E-4
	CC8	-0.6913	-1.1239	-0.1287	-6.50E-5	3.61E-4	7.55E-4
	CC9	0.0896	2.3559	-0.2596	5.53E-4	-5.19E-5	-4.51E-4
	CC10	0.1139	2.2566	-0.2506	5.22E-4	-6.40E-5	-3.54E-4
	CC11	-0.3526	2.0971	-0.2979	6.72E-4	1.79E-4	-3.89E-5
	CC12	-0.3283	1.9977	-0.2889	6.41E-4	1.67E-4	5.80E-5
	CC13	0.3373	-2.0332	0.0602	-7.62E-4	-1.75E-4	-6.79E-5
	CC14	0.3616	-2.1326	0.0692	-7.93E-4	-1.87E-4	2.89E-5
	CC15	-0.1049	-2.2921	0.0219	-6.43E-4	5.66E-5	3.44E-4
	CC16	-0.0806	-2.3915	0.0309	-6.74E-4	4.45E-5	4.41E-4
<b>183</b>	CC1	1.1107	1.3634	-0.1749	1.35E-3	-7.03E-4	-7.62E-4
	CC2	1.0780	1.3193	-0.1767	1.33E-3	-6.89E-4	-7.30E-4
	CC3	1.0377	0.0055	-0.2648	3.10E-4	-7.47E-4	-6.47E-4
	CC4	1.0050	-0.0386	-0.2665	2.94E-4	-7.33E-4	-6.15E-4
	CC5	-1.0120	0.0112	-0.0560	-7.93E-6	7.43E-4	6.12E-4
	CC6	-1.0447	-0.0330	-0.0578	-2.39E-5	7.57E-4	6.43E-4
	CC7	-1.0851	-1.3467	-0.1459	-1.04E-3	6.99E-4	7.26E-4
	CC8	-1.1178	-1.3909	-0.1476	-1.06E-3	7.14E-4	7.58E-4
	CC9	0.4862	2.5193	-0.0267	2.10E-3	-1.60E-4	-4.47E-4
	CC10	0.3870	2.3852	-0.0321	2.05E-3	-1.17E-4	-3.51E-4

	CC11	-0.1506	2.1136	0.0089	1.69E-3	2.74E-4	-3.55E-5
	CC12	-0.2498	1.9796	0.0036	1.64E-3	3.17E-4	6.13E-5
	CC13	0.2428	-2.0070	-0.3261	-1.35E-3	-3.07E-4	-6.46E-5
	CC14	0.1436	-2.1410	-0.3315	-1.40E-3	-2.63E-4	3.22E-5
	CC15	-0.3940	-2.4127	-0.2905	-1.76E-3	1.27E-4	3.47E-4
	CC16	-0.4932	-2.5467	-0.2958	-1.81E-3	1.71E-4	4.44E-4
<b>184</b>	CC1	0.8697	1.3684	-0.1852	3.78E-5	-4.37E-4	-7.57E-4
	CC2	0.8576	1.3241	-0.1872	3.35E-5	-4.41E-4	-7.25E-4
	CC3	0.8717	0.0099	-0.2323	-8.97E-5	-4.74E-4	-6.42E-4
	CC4	0.8596	-0.0344	-0.2343	-9.40E-5	-4.78E-4	-6.10E-4
	CC5	-0.8618	0.0096	-0.0838	-1.25E-4	4.75E-4	6.16E-4
	CC6	-0.8739	-0.0347	-0.0858	-1.30E-4	4.71E-4	6.48E-4
	CC7	-0.8598	-1.3489	-0.1309	-2.53E-4	4.37E-4	7.31E-4
	CC8	-0.8719	-1.3932	-0.1329	-2.57E-4	4.33E-4	7.63E-4
	CC9	0.2736	2.5227	-0.0928	1.34E-4	-7.06E-5	-4.43E-4
	CC10	0.2369	2.3882	-0.0988	1.21E-4	-8.25E-5	-3.46E-4
	CC11	-0.2458	2.1151	-0.0623	8.47E-5	2.03E-4	-3.11E-5
	CC12	-0.2826	1.9806	-0.0684	7.18E-5	1.91E-4	6.58E-5
	CC13	0.2804	-2.0054	-0.2497	-2.91E-4	-1.95E-4	-6.01E-5
	CC14	0.2436	-2.1399	-0.2558	-3.04E-4	-2.07E-4	3.67E-5
	CC15	-0.2391	-2.4130	-0.2193	-3.40E-4	7.88E-5	3.52E-4
	CC16	-0.2758	-2.5475	-0.2254	-3.53E-4	6.68E-5	4.49E-4
<b>185</b>	CC1	0.7817	1.3334	-0.1540	4.18E-4	-5.94E-4	-7.52E-4
	CC2	0.7788	1.2906	-0.1548	4.10E-4	-6.03E-4	-7.20E-4
	CC3	0.8167	-0.0197	-0.1669	5.19E-5	-6.38E-4	-6.37E-4
	CC4	0.8137	-0.0625	-0.1677	4.33E-5	-6.47E-4	-6.05E-4
	CC5	-0.8124	0.0386	-0.0872	-1.21E-4	6.55E-4	6.21E-4
	CC6	-0.8154	-0.0042	-0.0880	-1.30E-4	6.46E-4	6.53E-4
	CC7	-0.7774	-1.3145	-0.1002	-4.88E-4	6.11E-4	7.36E-4
	CC8	-0.7804	-1.3573	-0.1009	-4.96E-4	6.02E-4	7.68E-4
	CC9	0.1859	2.5024	-0.1148	6.66E-4	-9.75E-5	-4.38E-4
	CC10	0.1770	2.3724	-0.1171	6.39E-4	-1.23E-4	-3.41E-4
	CC11	-0.2923	2.1139	-0.0948	5.04E-4	2.77E-4	-2.60E-5
	CC12	-0.3012	1.9839	-0.0970	4.77E-4	2.52E-4	7.08E-5
	CC13	0.3025	-2.0078	-0.1579	-5.55E-4	-2.44E-4	-5.51E-5
	CC14	0.2936	-2.1378	-0.1602	-5.82E-4	-2.70E-4	4.18E-5
	CC15	-0.1757	-2.3963	-0.1378	-7.17E-4	1.31E-4	3.57E-4
	CC16	-0.1846	-2.5263	-0.1401	-7.44E-4	1.05E-4	4.54E-4
<b>186</b>	CC1	0.7004	1.3651	-0.3269	4.94E-4	-5.03E-4	-7.73E-4
	CC2	0.7084	1.3209	-0.3261	4.82E-4	-5.07E-4	-7.42E-4
	CC3	0.7747	0.0072	-0.2499	3.75E-5	-4.94E-4	-6.59E-4
	CC4	0.7827	-0.0370	-0.2491	2.58E-5	-4.97E-4	-6.27E-4
	CC5	-0.7735	0.0122	0.0162	-9.62E-5	4.64E-4	6.00E-4
	CC6	-0.7655	-0.0320	0.0170	-1.08E-4	4.61E-4	6.32E-4
	CC7	-0.6992	-1.3457	0.0932	-5.52E-4	4.74E-4	7.15E-4
	CC8	-0.6912	-1.3899	0.0940	-5.64E-4	4.70E-4	7.47E-4
	CC9	0.0897	2.5208	-0.2974	8.32E-4	-1.71E-4	-4.59E-4
	CC10	0.1140	2.3867	-0.2950	7.96E-4	-1.83E-4	-3.62E-4
	CC11	-0.3525	2.1149	-0.1945	6.55E-4	1.19E-4	-4.73E-5
	CC12	-0.3282	1.9809	-0.1921	6.19E-4	1.07E-4	4.95E-5
	CC13	0.3374	-2.0057	-0.0408	-6.89E-4	-1.40E-4	-7.64E-5
	CC14	0.3617	-2.1397	-0.0384	-7.25E-4	-1.52E-4	2.05E-5
	CC15	-0.1048	-2.4115	0.0622	-8.66E-4	1.50E-4	3.36E-4
	CC16	-0.0805	-2.5456	0.0646	-9.02E-4	1.38E-4	4.32E-4
<b>187</b>	CC1	0.7803	1.5760	-0.2219	8.87E-4	-4.76E-4	-7.51E-4
	CC2	0.7774	1.5231	-0.2183	8.60E-4	-4.65E-4	-7.19E-4
	CC3	0.8153	0.1868	-0.1334	9.36E-5	-2.55E-4	-6.36E-4
	CC4	0.8124	0.1340	-0.1299	6.66E-5	-2.44E-4	-6.04E-4
	CC5	-0.8138	-0.1492	-0.1071	-4.69E-5	3.25E-4	6.22E-4
	CC6	-0.8167	-0.2021	-0.1036	-7.39E-5	3.36E-4	6.54E-4
	CC7	-0.7788	-1.5383	-0.0187	-8.40E-4	5.46E-4	7.37E-4
	CC8	-0.7817	-1.5912	-0.0152	-8.67E-4	5.57E-4	7.69E-4
	CC9	0.1845	2.6466	-0.2884	1.51E-3	-4.65E-4	-4.37E-4
	CC10	0.1757	2.4862	-0.2777	1.43E-3	-4.31E-4	-3.40E-4
	CC11	-0.2937	2.1290	-0.2540	1.23E-3	-2.25E-4	-2.51E-5
	CC12	-0.3026	1.9686	-0.2433	1.15E-3	-1.91E-4	7.18E-5
	CC13	0.3012	-1.9839	0.0063	-1.13E-3	2.71E-4	-5.41E-5
	CC14	0.2923	-2.1442	0.0170	-1.21E-3	3.05E-4	4.27E-5
	CC15	-0.1771	-2.5014	0.0407	-1.41E-3	5.12E-4	3.58E-4
	CC16	-0.1860	-2.6618	0.0514	-1.49E-3	5.46E-4	4.55E-4
<b>188</b>	CC1	0.7001	1.5759	-0.3304	3.16E-4	2.76E-4	-7.64E-4
	CC2	0.7081	1.5230	-0.3262	3.18E-4	2.92E-4	-7.32E-4



	CC3	0.7744	0.1867	-0.1934	2.67E-4	5.46E-4	-6.49E-4
	CC4	0.7824	0.1339	-0.1892	2.70E-4	5.62E-4	-6.17E-4
	CC5	-0.7737	-0.1493	-0.0517	-2.96E-4	-5.48E-4	6.09E-4
	CC6	-0.7657	-0.2022	-0.0474	-2.94E-4	-5.31E-4	6.41E-4
	CC7	-0.6994	-1.5384	0.0853	-3.45E-4	-2.78E-4	7.24E-4
	CC8	-0.6914	-1.5913	0.0895	-3.42E-4	-2.61E-4	7.56E-4
	CC9	0.0894	2.6465	-0.3970	1.56E-4	-3.44E-4	-4.50E-4
	CC10	0.1137	2.4861	-0.3842	1.63E-4	-2.95E-4	-3.53E-4
	CC11	-0.3527	2.1289	-0.3133	-2.74E-5	-5.91E-4	-3.81E-5
	CC12	-0.3284	1.9685	-0.3005	-2.06E-5	-5.42E-4	5.88E-5
	CC13	0.3372	-1.9840	0.0597	-5.90E-6	5.56E-4	-6.71E-5
	CC14	0.3614	-2.1443	0.0725	9.52E-7	6.05E-4	2.97E-5
	CC15	-0.1050	-2.5015	0.1433	-1.89E-4	3.09E-4	3.45E-4
	CC16	-0.0807	-2.6619	0.1561	-1.83E-4	3.58E-4	4.42E-4
<b>189</b>	CC1	1.1110	1.6980	-0.1783	-4.15E-4	-7.85E-4	-7.56E-4
	CC2	1.0783	1.6400	-0.1838	-4.72E-4	-7.67E-4	-7.25E-4
	CC3	1.0380	0.2903	-0.3530	-1.53E-3	-8.22E-4	-6.42E-4
	CC4	1.0053	0.2323	-0.3585	-1.59E-3	-8.04E-4	-6.10E-4
	CC5	-1.0118	-0.2496	0.0960	1.63E-3	8.94E-4	6.17E-4
	CC6	-1.0445	-0.3076	0.0905	1.57E-3	9.13E-4	6.49E-4
	CC7	-1.0848	-1.6573	-0.0787	5.09E-4	8.57E-4	7.32E-4
	CC8	-1.1175	-1.7153	-0.0842	4.52E-4	8.75E-4	7.64E-4
	CC9	0.4865	2.7178	0.1272	1.67E-3	-1.72E-4	-4.42E-4
	CC10	0.3873	2.5417	0.1105	1.49E-3	-1.17E-4	-3.46E-4
	CC11	-0.1503	2.1335	0.2095	2.28E-3	3.32E-4	-3.04E-5
	CC12	-0.2496	1.9574	0.1928	2.11E-3	3.87E-4	6.65E-5
	CC13	0.2431	-1.9747	-0.4552	-2.07E-3	-2.97E-4	-5.94E-5
	CC14	0.1439	-2.1508	-0.4720	-2.24E-3	-2.42E-4	3.74E-5
	CC15	-0.3937	-2.5590	-0.3730	-1.45E-3	2.07E-4	3.53E-4
	CC16	-0.4929	-2.7350	-0.3897	-1.63E-3	2.62E-4	4.49E-4
<b>190</b>	CC1	0.8675	1.6982	-0.1694	1.02E-3	-6.79E-4	-7.59E-4
	CC2	0.8555	1.6402	-0.1763	9.84E-4	-6.79E-4	-7.27E-4
	CC3	0.8699	0.2905	-0.3303	1.76E-4	-7.35E-4	-6.44E-4
	CC4	0.8579	0.2324	-0.3372	1.42E-4	-7.35E-4	-6.12E-4
	CC5	-0.8621	-0.2494	0.1076	-1.90E-4	7.63E-4	6.14E-4
	CC6	-0.8741	-0.3074	0.1007	-2.25E-4	7.64E-4	6.46E-4
	CC7	-0.8597	-1.6571	-0.0533	-1.03E-3	7.07E-4	7.29E-4
	CC8	-0.8717	-1.7152	-0.0602	-1.07E-3	7.08E-4	7.61E-4
	CC9	0.2715	2.7179	0.1223	1.61E-3	-1.09E-4	-4.45E-4
	CC10	0.2351	2.5418	0.1014	1.51E-3	-1.08E-4	-3.48E-4
	CC11	-0.2473	2.1336	0.2054	1.25E-3	3.24E-4	-3.27E-5
	CC12	-0.2838	1.9576	0.1845	1.15E-3	3.25E-4	6.41E-5
	CC13	0.2796	-1.9745	-0.4140	-1.20E-3	-2.96E-4	-6.17E-5
	CC14	0.2432	-2.1506	-0.4349	-1.30E-3	-2.95E-4	3.51E-5
	CC15	-0.2393	-2.5588	-0.3309	-1.56E-3	1.37E-4	3.50E-4
	CC16	-0.2757	-2.7349	-0.3518	-1.66E-3	1.38E-4	4.47E-4
<b>191</b>	CC1	0.7796	1.6983	-0.2809	1.03E-3	-6.33E-4	-7.54E-4
	CC2	0.7766	1.6402	-0.2757	9.99E-4	-6.32E-4	-7.23E-4
	CC3	0.8146	0.2905	-0.1543	1.78E-4	-5.68E-4	-6.40E-4
	CC4	0.8116	0.2325	-0.1491	1.44E-4	-5.67E-4	-6.08E-4
	CC5	-0.8145	-0.2493	-0.0737	-1.46E-4	6.04E-4	6.19E-4
	CC6	-0.8175	-0.3074	-0.0684	-1.80E-4	6.04E-4	6.51E-4
	CC7	-0.7796	-1.6571	0.0529	-1.00E-3	6.68E-4	7.34E-4
	CC8	-0.7825	-1.7151	0.0582	-1.03E-3	6.69E-4	7.66E-4
	CC9	0.1838	2.7180	-0.3614	1.65E-3	-2.76E-4	-4.40E-4
	CC10	0.1749	2.5419	-0.3454	1.55E-3	-2.74E-4	-3.43E-4
	CC11	-0.2944	2.1337	-0.2992	1.30E-3	9.50E-5	-2.83E-5
	CC12	-0.3033	1.9576	-0.2833	1.20E-3	9.65E-5	6.85E-5
	CC13	0.3004	-1.9745	0.0605	-1.20E-3	-6.03E-5	-5.74E-5
	CC14	0.2915	-2.1505	0.0764	-1.30E-3	-5.89E-5	3.94E-5
	CC15	-0.1778	-2.5587	0.1227	-1.55E-3	3.11E-4	3.55E-4
	CC16	-0.1867	-2.7348	0.1386	-1.65E-3	3.12E-4	4.51E-4
<b>192</b>	CC1	0.6999	1.6983	-0.3318	1.38E-4	-5.50E-4	-7.43E-4
	CC2	0.7079	1.6402	-0.3263	1.39E-4	-5.58E-4	-7.11E-4
	CC3	0.7742	0.2905	-0.1728	6.36E-5	-5.78E-4	-6.28E-4
	CC4	0.7822	0.2325	-0.1673	6.45E-5	-5.85E-4	-5.96E-4
	CC5	-0.7739	-0.2493	-0.0610	-7.48E-5	6.03E-4	6.30E-4
	CC6	-0.7659	-0.3074	-0.0555	-7.38E-5	5.95E-4	6.62E-4
	CC7	-0.6996	-1.6571	0.0980	-1.50E-4	5.76E-4	7.45E-4
	CC8	-0.6916	-1.7151	0.1035	-1.49E-4	5.68E-4	7.77E-4
	CC9	0.0892	2.7180	-0.4280	1.50E-4	-1.07E-4	-4.29E-4
	CC10	0.1135	2.5419	-0.4114	1.53E-4	-1.31E-4	-3.32E-4

	CC11	-0.3529	2.1337	-0.3467	8.62E-5	2.39E-4	-1.70E-5
	CC12	-0.3286	1.9576	-0.3301	8.91E-5	2.15E-4	7.99E-5
	CC13	0.3369	-1.9745	0.1018	-9.93E-5	-1.98E-4	-4.60E-5
	CC14	0.3612	-2.1505	0.1184	-9.64E-5	-2.22E-4	5.08E-5
	CC15	-0.1052	-2.5588	0.1831	-1.63E-4	1.48E-4	3.66E-4
	CC16	-0.0809	-2.7348	0.1997	-1.60E-4	1.24E-4	4.63E-4
<b>193</b>	CC1	0.7063	0.2274	-0.0042	2.28E-4	-8.91E-4	-7.49E-4
	CC2	0.7136	0.2307	-0.0028	2.34E-4	-9.01E-4	-7.17E-4
	CC3	0.7783	-0.9597	0.2042	-1.03E-3	-8.17E-4	-6.34E-4
	CC4	0.7857	-0.9564	0.2055	-1.03E-3	-8.27E-4	-6.02E-4
	CC5	-0.7731	0.9179	-0.3844	9.72E-4	7.94E-4	6.24E-4
	CC6	-0.7657	0.9212	-0.3831	9.78E-4	7.84E-4	6.56E-4
	CC7	-0.7011	-0.2692	-0.1761	-2.90E-4	8.68E-4	7.39E-4
	CC8	-0.6937	-0.2659	-0.1748	-2.84E-4	8.58E-4	7.71E-4
	CC9	0.0970	1.8507	-0.3817	1.95E-3	-3.77E-4	-4.35E-4
	CC10	0.1193	1.8607	-0.3776	1.97E-3	-4.08E-4	-3.38E-4
	CC11	-0.3468	2.0579	-0.4958	2.18E-3	1.28E-4	-2.27E-5
	CC12	-0.3245	2.0678	-0.4917	2.20E-3	9.70E-5	7.41E-5
	CC13	0.3370	-2.1063	0.3128	-2.25E-3	-1.30E-4	-5.18E-5
	CC14	0.3594	-2.0963	0.3168	-2.23E-3	-1.61E-4	4.51E-5
	CC15	-0.1068	-1.8992	0.1987	-2.03E-3	3.76E-4	3.60E-4
	CC16	-0.0844	-1.8892	0.2027	-2.01E-3	3.45E-4	4.57E-4
<b>194</b>	CC1	0.7056	0.4948	-0.0412	6.07E-5	-6.04E-4	-7.54E-4
	CC2	0.7130	0.4868	-0.0395	5.63E-5	-6.08E-4	-7.22E-4
	CC3	0.7776	-0.7329	0.0407	-6.68E-4	-1.63E-4	-6.39E-4
	CC4	0.7850	-0.7409	0.0423	-6.72E-4	-1.67E-4	-6.08E-4
	CC5	-0.7738	0.7003	-0.2297	4.75E-4	1.98E-5	6.19E-4
	CC6	-0.7664	0.6923	-0.2280	4.71E-4	1.55E-5	6.51E-4
	CC7	-0.7017	-0.5273	-0.1478	-2.54E-4	4.61E-4	7.34E-4
	CC8	-0.6944	-0.5353	-0.1461	-2.58E-4	4.56E-4	7.66E-4
	CC9	0.0963	2.0072	-0.2044	1.06E-3	-8.96E-4	-4.40E-4
	CC10	0.1187	1.9829	-0.1993	1.05E-3	-9.09E-4	-3.43E-4
	CC11	-0.3475	2.0688	-0.2609	1.18E-3	-7.09E-4	-2.83E-5
	CC12	-0.3251	2.0446	-0.2559	1.17E-3	-7.22E-4	6.86E-5
	CC13	0.3364	-2.0851	0.0686	-1.37E-3	5.74E-4	-5.73E-5
	CC14	0.3587	-2.1094	0.0736	-1.38E-3	5.61E-4	3.95E-5
	CC15	-0.1074	-2.0234	0.0120	-1.24E-3	7.61E-4	3.55E-4
	CC16	-0.0851	-2.0477	0.0171	-1.26E-3	7.48E-4	4.51E-4
<b>195</b>	CC1	0.7933	-1.5671	0.1715	-1.61E-3	-7.90E-4	-7.57E-4
	CC2	0.7897	-1.4883	0.1585	-1.53E-3	-7.88E-4	-7.25E-4
	CC3	0.8260	-2.4822	0.3270	-2.65E-3	-8.20E-4	-6.42E-4
	CC4	0.8224	-2.4033	0.3140	-2.57E-3	-8.17E-4	-6.10E-4
	CC5	-0.8094	2.3762	-0.4880	2.53E-3	7.83E-4	6.16E-4
	CC6	-0.8129	2.4551	-0.5011	2.62E-3	7.85E-4	6.48E-4
	CC7	-0.7767	1.4612	-0.3325	1.49E-3	7.53E-4	7.31E-4
	CC8	-0.7802	1.5401	-0.3455	1.58E-3	7.56E-4	7.63E-4
	CC9	0.1978	0.8003	-0.2275	9.67E-4	-2.07E-4	-4.43E-4
	CC10	0.1870	1.0397	-0.2671	1.22E-3	-1.99E-4	-3.46E-4
	CC11	-0.2830	1.9834	-0.4254	2.21E-3	2.64E-4	-3.08E-5
	CC12	-0.2938	2.2227	-0.4650	2.47E-3	2.72E-4	6.60E-5
	CC13	0.3068	-2.2497	0.2910	-2.50E-3	-3.07E-4	-5.99E-5
	CC14	0.2960	-2.0104	0.2514	-2.25E-3	-2.99E-4	3.70E-5
	CC15	-0.1740	-1.0667	0.0931	-1.26E-3	1.65E-4	3.52E-4
	CC16	-0.1848	-0.8274	0.0535	-1.00E-3	1.73E-4	4.49E-4
<b>196</b>	CC1	0.8865	-1.5672	0.2099	-1.58E-3	-9.09E-4	-7.59E-4
	CC2	0.8737	-1.4883	0.2191	-1.50E-3	-8.96E-4	-7.27E-4
	CC3	0.8850	-2.4822	0.0801	-2.60E-3	-9.26E-4	-6.44E-4
	CC4	0.8723	-2.4034	0.0893	-2.52E-3	-9.14E-4	-6.12E-4
	CC5	-0.8556	2.3762	-0.2737	2.48E-3	8.62E-4	6.14E-4
	CC6	-0.8684	2.4550	-0.2645	2.56E-3	8.74E-4	6.46E-4
	CC7	-0.8570	1.4611	-0.4035	1.46E-3	8.44E-4	7.29E-4
	CC8	-0.8698	1.5400	-0.3943	1.54E-3	8.56E-4	7.61E-4
	CC9	0.2914	0.8003	0.1828	9.43E-4	-2.81E-4	-4.45E-4
	CC10	0.2527	1.0396	0.2105	1.19E-3	-2.43E-4	-3.48E-4
	CC11	-0.2312	1.9833	0.0377	2.16E-3	2.50E-4	-3.28E-5
	CC12	-0.2700	2.2226	0.0654	2.41E-3	2.88E-4	6.40E-5
	CC13	0.2866	-2.2498	-0.2499	-2.45E-3	-3.40E-4	-6.19E-5
	CC14	0.2479	-2.0105	-0.2221	-2.20E-3	-3.02E-4	3.50E-5
	CC15	-0.2360	-1.0668	-0.3949	-1.23E-3	1.91E-4	3.50E-4
	CC16	-0.2747	-0.8275	-0.3672	-9.82E-4	2.29E-4	4.47E-4
<b>197</b>	CC1	0.7851	1.8426	-0.4275	1.81E-3	-8.31E-4	-7.62E-4
	CC2	0.7815	1.7785	-0.4205	1.75E-3	-8.21E-4	-7.30E-4

	CC3	0.8178	0.4131	-0.2890	3.80E-4	-7.11E-4	-6.47E-4
	CC4	0.8142	0.3490	-0.2820	3.20E-4	-7.01E-4	-6.15E-4
	CC5	-0.8176	-0.3661	0.0660	-3.37E-4	7.29E-4	6.12E-4
	CC6	-0.8211	-0.4301	0.0729	-3.97E-4	7.39E-4	6.44E-4
	CC7	-0.7849	-1.7956	0.2045	-1.77E-3	8.49E-4	7.27E-4
	CC8	-0.7885	-1.8597	0.2114	-1.83E-3	8.59E-4	7.58E-4
	CC9	0.1896	2.8026	-0.4234	2.79E-3	-4.35E-4	-4.47E-4
	CC10	0.1788	2.6081	-0.4024	2.61E-3	-4.05E-4	-3.51E-4
	CC11	-0.2912	2.1400	-0.2753	2.14E-3	3.33E-5	-3.54E-5
	CC12	-0.3020	1.9455	-0.2544	1.96E-3	6.33E-5	6.14E-5
	CC13	0.2986	-1.9626	0.0383	-1.98E-3	-3.51E-5	-6.45E-5
	CC14	0.2878	-2.1571	0.0593	-2.16E-3	-5.17E-6	3.23E-5
	CC15	-0.1822	-2.6252	0.1863	-2.62E-3	4.33E-4	3.47E-4
	CC16	-0.1930	-2.8197	0.2073	-2.81E-3	4.63E-4	4.44E-4
<b>198</b>	CC1	0.8734	1.8272	-0.1867	1.84E-3	-7.53E-4	-7.56E-4
	CC2	0.8607	1.7637	-0.1949	1.77E-3	-7.49E-4	-7.25E-4
	CC3	0.8744	0.3999	-0.4169	3.90E-4	-8.89E-4	-6.42E-4
	CC4	0.8618	0.3365	-0.4251	3.29E-4	-8.85E-4	-6.10E-4
	CC5	-0.8668	-0.3540	0.2024	-3.54E-4	9.17E-4	6.17E-4
	CC6	-0.8794	-0.4175	0.1943	-4.15E-4	9.21E-4	6.49E-4
	CC7	-0.8657	-1.7813	-0.0278	-1.80E-3	7.81E-4	7.32E-4
	CC8	-0.8783	-1.8448	-0.0359	-1.86E-3	7.85E-4	7.64E-4
	CC9	0.2759	2.7935	0.2264	2.82E-3	-1.35E-5	-4.42E-4
	CC10	0.2375	2.6009	0.2016	2.63E-3	-1.57E-6	-3.45E-4
	CC11	-0.2461	2.1391	0.3431	2.16E-3	4.88E-4	-3.03E-5
	CC12	-0.2845	1.9466	0.3183	1.98E-3	5.00E-4	6.65E-5
	CC13	0.2795	-1.9641	-0.5409	-2.00E-3	-4.68E-4	-5.94E-5
	CC14	0.2412	-2.1567	-0.5658	-2.19E-3	-4.56E-4	3.74E-5
	CC15	-0.2425	-2.6185	-0.4242	-2.66E-3	3.35E-5	3.53E-4
	CC16	-0.2809	-2.8110	-0.4490	-2.84E-3	4.55E-5	4.49E-4
<b>199</b>	CC1	0.8314	1.8294	-0.2724	1.64E-3	-7.63E-4	-7.55E-4
	CC2	0.8229	1.7658	-0.2736	1.58E-3	-7.55E-4	-7.23E-4
	CC3	0.8465	0.4018	-0.3341	3.04E-4	-7.82E-4	-6.40E-4
	CC4	0.8380	0.3383	-0.3353	2.50E-4	-7.74E-4	-6.09E-4
	CC5	-0.8418	-0.3556	0.1161	-2.51E-4	7.98E-4	6.18E-4
	CC6	-0.8502	-0.4191	0.1149	-3.04E-4	8.07E-4	6.50E-4
	CC7	-0.8267	-1.7832	0.0545	-1.58E-3	7.79E-4	7.33E-4
	CC8	-0.8351	-1.8467	0.0533	-1.64E-3	7.87E-4	7.65E-4
	CC9	0.2367	2.7948	-0.0632	2.58E-3	-2.03E-4	-4.41E-4
	CC10	0.2111	2.6020	-0.0669	2.42E-3	-1.78E-4	-3.44E-4
	CC11	-0.2652	2.1393	0.0533	2.02E-3	2.66E-4	-2.92E-5
	CC12	-0.2909	1.9465	0.0497	1.85E-3	2.91E-4	6.77E-5
	CC13	0.2871	-1.9638	-0.2689	-1.86E-3	-2.66E-4	-5.82E-5
	CC14	0.2615	-2.1566	-0.2725	-2.02E-3	-2.42E-4	3.86E-5
	CC15	-0.2148	-2.6193	-0.1523	-2.42E-3	2.02E-4	3.54E-4
	CC16	-0.2404	-2.8121	-0.1559	-2.58E-3	2.27E-4	4.51E-4
<b>200</b>	CC1	0.8007	1.8295	-0.3671	1.44E-3	-7.58E-4	-7.60E-4
	CC2	0.7955	1.7659	-0.3632	1.39E-3	-7.52E-4	-7.28E-4
	CC3	0.8273	0.4019	-0.2973	2.10E-4	-7.32E-4	-6.45E-4
	CC4	0.8221	0.3383	-0.2933	1.64E-4	-7.27E-4	-6.13E-4
	CC5	-0.8254	-0.3555	0.0762	-1.89E-4	7.54E-4	6.13E-4
	CC6	-0.8306	-0.4190	0.0801	-2.35E-4	7.60E-4	6.45E-4
	CC7	-0.7988	-1.7831	0.1460	-1.42E-3	7.80E-4	7.28E-4
	CC8	-0.8040	-1.8466	0.1500	-1.46E-3	7.85E-4	7.60E-4
	CC9	0.2059	2.7949	-0.2975	2.35E-3	-2.64E-4	-4.46E-4
	CC10	0.1899	2.6021	-0.2855	2.21E-3	-2.47E-4	-3.49E-4
	CC11	-0.2819	2.1394	-0.1645	1.86E-3	1.90E-4	-3.39E-5
	CC12	-0.2979	1.9466	-0.1525	1.72E-3	2.06E-4	6.30E-5
	CC13	0.2946	-1.9637	-0.0647	-1.74E-3	-1.79E-4	-6.29E-5
	CC14	0.2786	-2.1566	-0.0526	-1.89E-3	-1.62E-4	3.39E-5
	CC15	-0.1933	-2.6192	0.0683	-2.23E-3	2.75E-4	3.49E-4
	CC16	-0.2092	-2.8120	0.0803	-2.38E-3	2.92E-4	4.46E-4
<b>201</b>	CC1	1.1519	0.8547	-0.0941	2.43E-3	-8.12E-4	-8.27E-4
	CC2	1.1184	0.8382	-0.0938	2.51E-3	-7.98E-4	-7.89E-4
	CC3	1.0796	-0.4771	-0.1474	1.36E-3	-8.64E-4	-6.99E-4
	CC4	1.0461	-0.4937	-0.1472	1.44E-3	-8.49E-4	-6.60E-4
	CC5	-1.0487	0.4596	-0.1488	-1.20E-3	7.61E-4	6.63E-4
	CC6	-1.0822	0.4430	-0.1485	-1.12E-3	7.75E-4	7.02E-4
	CC7	-1.1210	-0.8723	-0.2021	-2.26E-3	7.09E-4	7.92E-4
	CC8	-1.1545	-0.8889	-0.2019	-2.18E-3	7.24E-4	8.31E-4
	CC9	0.5001	2.2871	-0.0512	2.32E-3	-2.17E-4	-4.95E-4
	CC10	0.3985	2.2369	-0.0504	2.56E-3	-1.72E-4	-3.77E-4

	CC11	-0.1601	2.1686	-0.0676	1.23E-3	2.55E-4	-4.83E-5
	CC12	-0.2617	2.1183	-0.0668	1.47E-3	3.00E-4	6.98E-5
	CC13	0.2591	-2.1525	-0.2291	-1.23E-3	-3.89E-4	-6.64E-5
	CC14	0.1575	-2.2027	-0.2283	-9.87E-4	-3.44E-4	5.16E-5
	CC15	-0.4011	-2.2710	-0.2455	-2.32E-3	8.30E-5	3.81E-4
	CC16	-0.5027	-2.3212	-0.2447	-2.07E-3	1.28E-4	4.99E-4
202	CC1	0.9746	0.8514	-0.2186	2.80E-4	-5.26E-4	-8.38E-4
	CC2	0.9662	0.8349	-0.2183	2.91E-4	-5.41E-4	-7.99E-4
	CC3	0.9894	-0.4805	-0.2477	1.35E-4	-5.79E-4	-7.09E-4
	CC4	0.9810	-0.4970	-0.2473	1.46E-4	-5.94E-4	-6.70E-4
	CC5	-0.9748	0.4562	-0.0475	-2.05E-4	5.75E-4	6.53E-4
	CC6	-0.9832	0.4397	-0.0472	-1.94E-4	5.61E-4	6.92E-4
	CC7	-0.9600	-0.8756	-0.0766	-3.50E-4	5.22E-4	7.82E-4
	CC8	-0.9684	-0.8922	-0.0762	-3.39E-4	5.08E-4	8.20E-4
	CC9	0.2836	2.2838	-0.1252	2.68E-4	-6.35E-5	-5.06E-4
	CC10	0.2582	2.2336	-0.1242	3.02E-4	-1.09E-4	-3.88E-4
	CC11	-0.3012	2.1652	-0.0738	1.22E-4	2.67E-4	-5.87E-5
	CC12	-0.3266	2.1150	-0.0729	1.57E-4	2.22E-4	5.93E-5
	CC13	0.3328	-2.1558	-0.2220	-2.16E-4	-2.40E-4	-7.68E-5
	CC14	0.3074	-2.2060	-0.2210	-1.81E-4	-2.85E-4	4.12E-5
	CC15	-0.2520	-2.2743	-0.1707	-3.61E-4	9.02E-5	3.70E-4
	CC16	-0.2774	-2.3246	-0.1697	-3.27E-4	4.52E-5	4.88E-4
203	CC1	0.9170	0.8461	-0.1775	8.72E-5	-2.04E-4	-8.34E-4
	CC2	0.9198	0.8295	-0.1781	8.75E-5	-2.14E-4	-7.95E-4
	CC3	0.9677	-0.4858	-0.1912	-7.06E-5	-2.23E-4	-7.05E-4
	CC4	0.9705	-0.5023	-0.1918	-7.03E-5	-2.33E-4	-6.66E-4
	CC5	-0.9673	0.4509	-0.0657	-6.34E-5	1.36E-4	6.57E-4
	CC6	-0.9644	0.4344	-0.0662	-6.32E-5	1.25E-4	6.96E-4
	CC7	-0.9165	-0.8810	-0.0794	-2.21E-4	1.17E-4	7.86E-4
	CC8	-0.9137	-0.8975	-0.0799	-2.21E-4	1.06E-4	8.25E-4
	CC9	0.1954	2.2785	-0.1219	2.18E-4	-5.27E-5	-5.02E-4
	CC10	0.2039	2.2282	-0.1235	2.19E-4	-8.37E-5	-3.84E-4
	CC11	-0.3699	2.1599	-0.0883	1.73E-4	4.92E-5	-5.46E-5
	CC12	-0.3613	2.1097	-0.0899	1.74E-4	1.82E-5	6.35E-5
	CC13	0.3646	-2.1611	-0.1675	-3.08E-4	-1.16E-4	-7.27E-5
	CC14	0.3731	-2.2113	-0.1691	-3.07E-4	-1.47E-4	4.53E-5
	CC15	-0.2007	-2.2797	-0.1339	-3.53E-4	-1.40E-5	3.75E-4
	CC16	-0.1921	-2.3299	-0.1356	-3.52E-4	-4.50E-5	4.93E-4
204	CC1	0.8792	0.8068	-0.2403	2.27E-4	-2.25E-4	-8.25E-4
	CC2	0.8953	0.7919	-0.2404	2.29E-4	-2.42E-4	-7.87E-4
	CC3	0.9739	-0.5200	-0.1701	1.22E-5	-2.64E-4	-6.97E-4
	CC4	0.9900	-0.5349	-0.1702	1.48E-5	-2.80E-4	-6.58E-4
	CC5	-0.9693	0.4692	-0.0328	-1.72E-4	2.20E-4	6.65E-4
	CC6	-0.9532	0.4543	-0.0329	-1.69E-4	2.03E-4	7.04E-4
	CC7	-0.8746	-0.8577	0.0374	-3.86E-4	1.82E-4	7.94E-4
	CC8	-0.8585	-0.8726	0.0373	-3.84E-4	1.65E-4	8.33E-4
	CC9	0.1054	2.2518	-0.2495	3.35E-4	-7.54E-6	-4.93E-4
	CC10	0.1543	2.2066	-0.2497	3.42E-4	-5.82E-5	-3.75E-4
	CC11	-0.4492	2.1505	-0.1873	2.15E-4	1.26E-4	-4.62E-5
	CC12	-0.4002	2.1053	-0.1875	2.23E-4	7.53E-5	7.19E-5
	CC13	0.4209	-2.1711	-0.0155	-3.80E-4	-1.36E-4	-6.43E-5
	CC14	0.4699	-2.2163	-0.0158	-3.72E-4	-1.86E-4	5.37E-5
	CC15	-0.1336	-2.2724	0.0467	-5.00E-4	-1.98E-6	3.83E-4
	CC16	-0.0847	-2.3176	0.0465	-4.92E-4	-5.27E-5	5.01E-4
205	CC1	1.1506	1.1511	-0.0585	1.85E-3	-6.09E-4	-8.41E-4
	CC2	1.1171	1.1200	-0.0596	1.89E-3	-5.98E-4	-8.03E-4
	CC3	1.0783	-0.2250	-0.1462	6.52E-4	-6.63E-4	-7.13E-4
	CC4	1.0448	-0.2561	-0.1473	6.89E-4	-6.53E-4	-6.74E-4
	CC5	-1.0500	0.2291	-0.1627	-4.39E-4	6.25E-4	6.49E-4
	CC6	-1.0835	0.1981	-0.1638	-4.02E-4	6.35E-4	6.88E-4
	CC7	-1.1223	-1.1469	-0.2504	-1.64E-3	5.70E-4	7.78E-4
	CC8	-1.1558	-1.1780	-0.2515	-1.61E-3	5.81E-4	8.17E-4
	CC9	0.4987	2.4654	0.0084	2.42E-3	-1.25E-4	-5.09E-4
	CC10	0.3972	2.3712	0.0052	2.53E-3	-9.26E-5	-3.91E-4
	CC11	-0.1614	2.1888	-0.0228	1.73E-3	2.45E-4	-6.22E-5
	CC12	-0.2630	2.0946	-0.0260	1.84E-3	2.77E-4	5.59E-5
	CC13	0.2578	-2.1215	-0.2839	-1.59E-3	-3.06E-4	-8.03E-5
	CC14	0.1562	-2.2157	-0.2871	-1.48E-3	-2.73E-4	3.77E-5
	CC15	-0.4024	-2.3981	-0.3152	-2.28E-3	6.45E-5	3.67E-4
	CC16	-0.5040	-2.4923	-0.3184	-2.17E-3	9.67E-5	4.85E-4
206	CC1	0.9724	1.1514	-0.1704	3.01E-5	-1.50E-4	-8.41E-4
	CC2	0.9640	1.1201	-0.1716	2.83E-5	-1.61E-4	-8.02E-4

	CC3	0.9872	-0.2253	-0.2149	-6.56E-5	-1.83E-4	-7.12E-4
	CC4	0.9788	-0.2565	-0.2161	-6.74E-5	-1.95E-4	-6.73E-4
	CC5	-0.9770	0.2223	-0.0843	-5.73E-5	1.67E-4	6.50E-4
	CC6	-0.9854	0.1911	-0.0855	-5.91E-5	1.56E-4	6.89E-4
	CC7	-0.9622	-1.1543	-0.1288	-1.53E-4	1.33E-4	7.79E-4
	CC8	-0.9706	-1.1856	-0.1300	-1.55E-4	1.22E-4	8.17E-4
	CC9	0.2814	2.4641	-0.0871	1.13E-4	1.19E-5	-5.09E-4
	CC10	0.2560	2.3693	-0.0908	1.07E-4	-2.21E-5	-3.91E-4
	CC11	-0.3034	2.1854	-0.0613	8.68E-5	1.07E-4	-6.16E-5
	CC12	-0.3288	2.0906	-0.0649	8.13E-5	7.28E-5	5.64E-5
	CC13	0.3306	-2.1248	-0.2354	-2.06E-4	-1.01E-4	-7.98E-5
	CC14	0.3052	-2.2196	-0.2391	-2.12E-4	-1.35E-4	3.82E-5
	CC15	-0.2542	-2.4035	-0.2096	-2.32E-4	-5.60E-6	3.67E-4
	CC16	-0.2796	-2.4983	-0.2132	-2.38E-4	-3.97E-5	4.85E-4
207	CC1	0.9159	1.1438	-0.1834	-4.94E-5	-4.28E-5	-8.28E-4
	CC2	0.9187	1.1128	-0.1830	-5.23E-5	-4.76E-5	-7.89E-4
	CC3	0.9666	-0.2323	-0.1667	-2.18E-4	-6.59E-5	-7.00E-4
	CC4	0.9694	-0.2633	-0.1662	-2.21E-4	-7.06E-5	-6.61E-4
	CC5	-0.9683	0.2219	-0.1113	1.62E-4	1.02E-4	6.62E-4
	CC6	-0.9655	0.1908	-0.1109	1.59E-4	9.71E-5	7.01E-4
	CC7	-0.9176	-1.1542	-0.0945	-6.53E-6	7.88E-5	7.91E-4
	CC8	-0.9148	-1.1852	-0.0941	-9.36E-6	7.41E-5	8.30E-4
	CC9	0.1943	2.4582	-0.1782	2.24E-4	3.96E-5	-4.96E-4
	CC10	0.2028	2.3639	-0.1769	2.15E-4	2.51E-5	-3.78E-4
	CC11	-0.3710	2.1816	-0.1566	2.87E-4	8.30E-5	-4.91E-5
	CC12	-0.3624	2.0873	-0.1552	2.79E-4	6.85E-5	6.89E-5
	CC13	0.3635	-2.1287	-0.1223	-3.38E-4	-3.73E-5	-6.72E-5
	CC14	0.3720	-2.2230	-0.1209	-3.46E-4	-5.17E-5	5.08E-5
	CC15	-0.2018	-2.4053	-0.1006	-2.74E-4	6.16E-6	3.80E-4
	CC16	-0.1932	-2.4996	-0.0993	-2.83E-4	-8.32E-6	4.98E-4
208	CC1	0.8786	1.1379	-0.1137	8.75E-5	1.71E-4	-8.44E-4
	CC2	0.8947	1.1068	-0.1114	8.73E-5	1.78E-4	-8.05E-4
	CC3	0.9732	-0.2382	-0.0253	-9.05E-5	2.06E-4	-7.16E-4
	CC4	0.9894	-0.2692	-0.0230	-9.07E-5	2.13E-4	-6.77E-4
	CC5	-0.9699	0.2160	-0.2152	-5.72E-5	-2.67E-4	6.47E-4
	CC6	-0.9538	0.1849	-0.2129	-5.73E-5	-2.60E-4	6.85E-4
	CC7	-0.8753	-1.1601	-0.1268	-2.35E-4	-2.33E-4	7.75E-4
	CC8	-0.8591	-1.1912	-0.1245	-2.35E-4	-2.26E-4	8.14E-4
	CC9	0.1047	2.4522	-0.2547	2.45E-4	-2.98E-5	-5.12E-4
	CC10	0.1537	2.3580	-0.2477	2.44E-4	-8.57E-6	-3.94E-4
	CC11	-0.4498	2.1757	-0.2852	2.01E-4	-1.61E-4	-6.50E-5
	CC12	-0.4008	2.0814	-0.2782	2.01E-4	-1.40E-4	5.30E-5
	CC13	0.4203	-2.1347	0.0400	-3.49E-4	8.56E-5	-8.31E-5
	CC14	0.4692	-2.2289	0.0469	-3.49E-4	1.07E-4	3.49E-5
	CC15	-0.1343	-2.4112	0.0095	-3.92E-4	-4.59E-5	3.64E-4
	CC16	-0.0853	-2.5055	0.0165	-3.92E-4	-2.47E-5	4.82E-4
209	CC1	1.1495	1.4431	-0.1760	1.40E-3	-5.65E-4	-8.30E-4
	CC2	1.1160	1.3981	-0.1778	1.39E-3	-5.56E-4	-7.91E-4
	CC3	1.0772	0.0246	-0.2661	3.86E-4	-6.27E-4	-7.01E-4
	CC4	1.0437	-0.0204	-0.2679	3.73E-4	-6.18E-4	-6.62E-4
	CC5	-1.0512	0.0083	-0.0567	-8.91E-6	6.21E-4	6.61E-4
	CC6	-1.0846	-0.0367	-0.0584	-2.11E-5	6.31E-4	7.00E-4
	CC7	-1.1235	-1.4102	-0.1468	-1.02E-3	5.59E-4	7.90E-4
	CC8	-1.1569	-1.4552	-0.1485	-1.04E-3	5.69E-4	8.29E-4
	CC9	0.4976	2.6416	-0.0273	2.10E-3	-8.73E-5	-4.98E-4
	CC10	0.3961	2.5051	-0.0327	2.07E-3	-5.84E-5	-3.80E-4
	CC11	-0.1626	2.2112	0.0085	1.68E-3	2.69E-4	-5.05E-5
	CC12	-0.2641	2.0747	0.0031	1.64E-3	2.98E-4	6.75E-5
	CC13	0.2567	-2.0867	-0.3276	-1.28E-3	-2.94E-4	-6.87E-5
	CC14	0.1551	-2.2232	-0.3330	-1.32E-3	-2.65E-4	4.93E-5
	CC15	-0.4035	-2.5172	-0.2919	-1.70E-3	6.19E-5	3.79E-4
	CC16	-0.5051	-2.6537	-0.2972	-1.74E-3	9.08E-5	4.97E-4
210	CC1	0.9702	1.4456	-0.1897	-8.26E-5	-1.16E-4	-8.27E-4
	CC2	0.9618	1.4004	-0.1915	-8.29E-5	-1.25E-4	-7.88E-4
	CC3	0.9850	0.0265	-0.2357	-1.09E-4	-1.98E-4	-6.98E-4
	CC4	0.9766	-0.0187	-0.2376	-1.10E-4	-2.06E-4	-6.59E-4
	CC5	-0.9792	0.0039	-0.0904	-1.52E-4	2.13E-4	6.64E-4
	CC6	-0.9876	-0.0413	-0.0922	-1.52E-4	2.05E-4	7.03E-4
	CC7	-0.9645	-1.4152	-0.1364	-1.78E-4	1.32E-4	7.93E-4
	CC8	-0.9728	-1.4604	-0.1383	-1.79E-4	1.23E-4	8.32E-4
	CC9	0.2792	2.6425	-0.0993	-7.54E-5	1.02E-4	-4.95E-4
	CC10	0.2538	2.5054	-0.1050	-7.61E-5	7.69E-5	-3.77E-4

	CC11	-0.3056	2.2100	-0.0695	-9.62E-5	2.01E-4	-4.76E-5
	CC12	-0.3311	2.0729	-0.0752	-9.68E-5	1.76E-4	7.04E-5
	CC13	0.3284	-2.0877	-0.2527	-1.65E-4	-1.69E-4	-6.57E-5
	CC14	0.3030	-2.2248	-0.2584	-1.65E-4	-1.94E-4	5.23E-5
	CC15	-0.2564	-2.5202	-0.2230	-1.85E-4	-7.00E-5	3.81E-4
	CC16	-0.2819	-2.6573	-0.2286	-1.86E-4	-9.56E-5	5.00E-4
<b>211</b>	CC1	0.9149	1.3990	-0.1598	1.63E-4	-3.19E-4	-8.27E-4
	CC2	0.9177	1.3556	-0.1605	1.61E-4	-3.38E-4	-7.88E-4
	CC3	0.9656	-0.0146	-0.1712	7.71E-6	-3.59E-4	-6.99E-4
	CC4	0.9684	-0.0579	-0.1720	5.38E-6	-3.78E-4	-6.60E-4
	CC5	-0.9694	0.0244	-0.0880	-1.05E-4	3.88E-4	6.63E-4
	CC6	-0.9665	-0.0189	-0.0887	-1.08E-4	3.69E-4	7.02E-4
	CC7	-0.9186	-1.3891	-0.0994	-2.61E-4	3.48E-4	7.92E-4
	CC8	-0.9158	-1.4325	-0.1002	-2.63E-4	3.29E-4	8.31E-4
	CC9	0.1933	2.6111	-0.1205	2.53E-4	-4.67E-6	-4.95E-4
	CC10	0.2018	2.4795	-0.1228	2.46E-4	-6.25E-5	-3.77E-4
	CC11	-0.3720	2.1987	-0.0990	1.73E-4	2.07E-4	-4.81E-5
	CC12	-0.3634	2.0672	-0.1012	1.66E-4	1.50E-4	6.99E-5
	CC13	0.3625	-2.1007	-0.1587	-2.66E-4	-1.40E-4	-6.63E-5
	CC14	0.3710	-2.2322	-0.1609	-2.73E-4	-1.97E-4	5.18E-5
	CC15	-0.2028	-2.5130	-0.1372	-3.46E-4	7.26E-5	3.81E-4
	CC16	-0.1942	-2.6446	-0.1394	-3.53E-4	1.47E-5	4.99E-4
<b>212</b>	CC1	0.8778	1.4291	-0.3093	2.69E-4	-3.65E-4	-8.41E-4
	CC2	0.8939	1.3841	-0.3084	2.65E-4	-3.71E-4	-8.02E-4
	CC3	0.9725	0.0105	-0.2371	9.10E-5	-3.01E-4	-7.12E-4
	CC4	0.9886	-0.0345	-0.2363	8.69E-5	-3.07E-4	-6.73E-4
	CC5	-0.9707	-0.0064	-0.0056	-1.95E-4	3.18E-4	6.50E-4
	CC6	-0.9546	-0.0514	-0.0047	-1.99E-4	3.13E-4	6.89E-4
	CC7	-0.8760	-1.4250	0.0666	-3.72E-4	3.82E-4	7.79E-4
	CC8	-0.8599	-1.4700	0.0674	-3.76E-4	3.76E-4	8.18E-4
	CC9	0.1040	2.6274	-0.2881	3.18E-4	-1.94E-4	-5.09E-4
	CC10	0.1529	2.4909	-0.2855	3.06E-4	-2.11E-4	-3.91E-4
	CC11	-0.4506	2.1968	-0.1970	1.79E-4	1.06E-5	-6.14E-5
	CC12	-0.4016	2.0602	-0.1944	1.67E-4	-6.39E-6	5.66E-5
	CC13	0.4195	-2.1011	-0.0475	-2.74E-4	1.77E-5	-7.95E-5
	CC14	0.4685	-2.2377	-0.0449	-2.87E-4	6.44E-7	3.85E-5
	CC15	-0.1350	-2.5318	0.0436	-4.13E-4	2.23E-4	3.68E-4
	CC16	-0.0861	-2.6683	0.0462	-4.26E-4	2.06E-4	4.86E-4
<b>213</b>	CC1	0.9139	1.6575	-0.2269	2.40E-4	-2.85E-4	-8.21E-4
	CC2	0.9168	1.6019	-0.2233	2.36E-4	-2.69E-4	-7.82E-4
	CC3	0.9647	0.2067	-0.1375	1.06E-4	-5.75E-5	-6.92E-4
	CC4	0.9675	0.1512	-0.1338	1.02E-4	-4.22E-5	-6.53E-4
	CC5	-0.9703	-0.1752	-0.1096	-2.57E-5	1.63E-4	6.70E-4
	CC6	-0.9674	-0.2308	-0.1059	-2.96E-5	1.78E-4	7.09E-4
	CC7	-0.9195	-1.6260	-0.0201	-1.60E-4	3.90E-4	7.99E-4
	CC8	-0.9167	-1.6816	-0.0165	-1.64E-4	4.05E-4	8.38E-4
	CC9	0.1924	2.7651	-0.2940	3.07E-4	-4.08E-4	-4.89E-4
	CC10	0.2009	2.5965	-0.2829	2.95E-4	-3.62E-4	-3.71E-4
	CC11	-0.3729	2.2153	-0.2588	2.28E-4	-2.74E-4	-4.14E-5
	CC12	-0.3643	2.0466	-0.2477	2.16E-4	-2.28E-4	7.66E-5
	CC13	0.3616	-2.0707	0.0042	-1.39E-4	3.48E-4	-5.96E-5
	CC14	0.3701	-2.2394	0.0154	-1.51E-4	3.95E-4	5.84E-5
	CC15	-0.2037	-2.6205	0.0394	-2.19E-4	4.82E-4	3.88E-4
	CC16	-0.1951	-2.7892	0.0505	-2.31E-4	5.29E-4	5.06E-4
<b>214</b>	CC1	0.8774	1.6577	-0.3228	1.80E-4	1.62E-4	-8.31E-4
	CC2	0.8935	1.6021	-0.3186	1.78E-4	1.73E-4	-7.93E-4
	CC3	0.9720	0.2069	-0.1918	5.45E-5	3.61E-4	-7.03E-4
	CC4	0.9882	0.1514	-0.1876	5.24E-5	3.73E-4	-6.64E-4
	CC5	-0.9711	-0.1750	-0.0585	-1.49E-4	-3.36E-4	6.59E-4
	CC6	-0.9550	-0.2306	-0.0543	-1.51E-4	-3.24E-4	6.98E-4
	CC7	-0.8765	-1.6258	0.0725	-2.74E-4	-1.36E-4	7.88E-4
	CC8	-0.8603	-1.6813	0.0767	-2.77E-4	-1.25E-4	8.27E-4
	CC9	0.1035	2.7653	-0.3873	2.13E-4	-2.57E-4	-4.99E-4
	CC10	0.1525	2.5967	-0.3747	2.06E-4	-2.22E-4	-3.81E-4
	CC11	-0.4510	2.2155	-0.3081	1.14E-4	-4.06E-4	-5.22E-5
	CC12	-0.4020	2.0469	-0.2954	1.08E-4	-3.71E-4	6.58E-5
	CC13	0.4191	-2.0705	0.0493	-2.05E-4	4.08E-4	-7.04E-5
	CC14	0.4680	-2.2391	0.0620	-2.11E-4	4.43E-4	4.76E-5
	CC15	-0.1355	-2.6203	0.1286	-3.03E-4	2.59E-4	3.77E-4
	CC16	-0.0865	-2.7890	0.1413	-3.10E-4	2.94E-4	4.95E-4
<b>215</b>	CC1	1.1474	1.7946	-0.1790	-5.60E-4	-6.73E-4	-8.21E-4
	CC2	1.1139	1.7327	-0.1845	-6.18E-4	-6.59E-4	-7.82E-4

	CC3	1.0751	0.3246	-0.3541	-1.45E-3	-7.31E-4	-6.92E-4
	CC4	1.0416	0.2627	-0.3597	-1.50E-3	-7.18E-4	-6.53E-4
	CC5	-1.0533	-0.2769	0.0964	1.60E-3	8.39E-4	6.70E-4
	CC6	-1.0867	-0.3387	0.0908	1.54E-3	8.52E-4	7.09E-4
	CC7	-1.1255	-1.7468	-0.0787	7.15E-4	7.80E-4	7.99E-4
	CC8	-1.1590	-1.8087	-0.0843	6.58E-4	7.94E-4	8.38E-4
	CC9	0.4955	2.8474	0.1273	1.29E-3	-8.85E-5	-4.89E-4
	CC10	0.3940	2.6597	0.1105	1.12E-3	-4.84E-5	-3.71E-4
	CC11	-0.1647	2.2260	0.2099	1.94E-3	3.65E-4	-4.15E-5
	CC12	-0.2662	2.0383	0.1931	1.76E-3	4.05E-4	7.65E-5
	CC13	0.2546	-2.0524	-0.4564	-1.67E-3	-2.84E-4	-5.96E-5
	CC14	0.1530	-2.2401	-0.4732	-1.84E-3	-2.44E-4	5.84E-5
	CC15	-0.4056	-2.6738	-0.3738	-1.02E-3	1.69E-4	3.88E-4
	CC16	-0.5072	-2.8616	-0.3906	-1.19E-3	2.10E-4	5.06E-4
<b>216</b>	CC1	0.9667	1.7896	-0.1674	3.77E-4	-2.88E-4	-8.17E-4
	CC2	0.9584	1.7277	-0.1735	3.63E-4	-3.09E-4	-7.78E-4
	CC3	0.9819	0.3197	-0.3093	6.48E-5	-3.56E-4	-6.88E-4
	CC4	0.9736	0.2578	-0.3154	5.10E-5	-3.78E-4	-6.49E-4
	CC5	-0.9817	-0.2818	0.0818	-1.19E-4	4.46E-4	6.74E-4
	CC6	-0.9900	-0.3437	0.0757	-1.33E-4	4.25E-4	7.13E-4
	CC7	-0.9665	-1.7518	-0.0601	-4.31E-4	3.78E-4	8.03E-4
	CC8	-0.9748	-1.8136	-0.0662	-4.45E-4	3.56E-4	8.42E-4
	CC9	0.2754	2.8425	0.0915	5.81E-4	7.04E-5	-4.85E-4
	CC10	0.2504	2.6547	0.0732	5.39E-4	5.54E-6	-3.66E-4
	CC11	-0.3091	2.2210	0.1663	4.32E-4	2.91E-4	-3.73E-5
	CC12	-0.3341	2.0333	0.1479	3.90E-4	2.26E-4	8.07E-5
	CC13	0.3260	-2.0573	-0.3815	-4.59E-4	-1.58E-4	-5.54E-5
	CC14	0.3010	-2.2451	-0.3999	-5.01E-4	-2.22E-4	6.26E-5
	CC15	-0.2585	-2.6788	-0.3068	-6.08E-4	6.27E-5	3.92E-4
	CC16	-0.2835	-2.8665	-0.3251	-6.49E-4	-2.19E-6	5.10E-4
<b>217</b>	CC1	0.9135	1.7885	-0.2606	6.60E-4	-3.24E-4	-8.16E-4
	CC2	0.9163	1.7267	-0.2564	6.37E-4	-3.44E-4	-7.77E-4
	CC3	0.9642	0.3186	-0.1570	1.60E-4	-3.94E-4	-6.87E-4
	CC4	0.9671	0.2567	-0.1529	1.37E-4	-4.15E-4	-6.48E-4
	CC5	-0.9707	-0.2829	-0.0728	-1.54E-4	4.37E-4	6.75E-4
	CC6	-0.9679	-0.3448	-0.0686	-1.77E-4	4.16E-4	7.14E-4
	CC7	-0.9200	-1.7528	0.0308	-6.54E-4	3.66E-4	8.04E-4
	CC8	-0.9172	-1.8147	0.0349	-6.78E-4	3.45E-4	8.43E-4
	CC9	0.1919	2.8414	-0.3199	9.83E-4	4.61E-5	-4.84E-4
	CC10	0.2005	2.6537	-0.3073	9.12E-4	-1.71E-5	-3.66E-4
	CC11	-0.3733	2.2200	-0.2635	7.38E-4	2.74E-4	-3.64E-5
	CC12	-0.3648	2.0322	-0.2509	6.68E-4	2.11E-4	8.16E-5
	CC13	0.3611	-2.0584	0.0253	-6.85E-4	-1.90E-4	-5.46E-5
	CC14	0.3697	-2.2461	0.0379	-7.56E-4	-2.53E-4	6.35E-5
	CC15	-0.2041	-2.6798	0.0816	-9.30E-4	3.84E-5	3.93E-4
	CC16	-0.1956	-2.8676	0.0942	-1.00E-3	-2.48E-5	5.11E-4
<b>218</b>	CC1	0.8772	1.7895	-0.3313	7.22E-5	-1.59E-4	-8.12E-4
	CC2	0.8934	1.7276	-0.3260	7.28E-5	-1.64E-4	-7.73E-4
	CC3	0.9719	0.3195	-0.1757	2.54E-5	-7.23E-5	-6.84E-4
	CC4	0.9880	0.2577	-0.1705	2.60E-5	-7.69E-5	-6.45E-4
	CC5	-0.9713	-0.2820	-0.0632	-5.79E-5	1.40E-4	6.78E-4
	CC6	-0.9551	-0.3438	-0.0579	-5.74E-5	1.35E-4	7.17E-4
	CC7	-0.8766	-1.7519	0.0924	-1.05E-4	2.27E-4	8.07E-4
	CC8	-0.8605	-1.8138	0.0977	-1.04E-4	2.22E-4	8.46E-4
	CC9	0.1034	2.8423	-0.4243	8.07E-5	-1.51E-4	-4.80E-4
	CC10	0.1524	2.6546	-0.4083	8.24E-5	-1.65E-4	-3.62E-4
	CC11	-0.4511	2.2209	-0.3439	4.17E-5	-6.16E-5	-3.31E-5
	CC12	-0.4022	2.0332	-0.3279	4.33E-5	-7.54E-5	8.49E-5
	CC13	0.4189	-2.0575	0.0942	-7.53E-5	1.39E-4	-5.13E-5
	CC14	0.4679	-2.2452	0.1103	-7.36E-5	1.25E-4	6.67E-5
	CC15	-0.1356	-2.6789	0.1747	-1.14E-4	2.28E-4	3.96E-4
	CC16	-0.0867	-2.8666	0.1907	-1.13E-4	2.14E-4	5.14E-4
<b>219</b>	CC1	0.2408	-0.0276	0.0264	-1.55E-5	1.27E-4	-1.91E-4
	CC2	0.2376	-0.0240	0.0255	-3.83E-6	1.25E-4	-1.83E-4
	CC3	0.2375	-0.2899	0.0100	-1.18E-3	1.22E-4	-1.71E-4
	CC4	0.2344	-0.2864	0.0091	-1.17E-3	1.20E-4	-1.62E-4
	CC5	-0.2362	0.2817	-0.2129	1.13E-3	-1.07E-4	1.65E-4
	CC6	-0.2394	0.2852	-0.2139	1.14E-3	-1.09E-4	1.74E-4
	CC7	-0.2395	0.0193	-0.2293	-3.36E-5	-1.12E-4	1.86E-4
	CC8	-0.2426	0.0228	-0.2303	-2.20E-5	-1.14E-4	1.95E-4
	CC9	0.0808	0.3831	-0.0373	1.73E-3	5.23E-5	-9.92E-5
	CC10	0.0712	0.3939	-0.0401	1.77E-3	4.66E-5	-7.43E-5

	CC11	-0.0623	0.4759	-0.1091	2.08E-3	-1.80E-5	7.84E-6
	CC12	-0.0719	0.4867	-0.1119	2.11E-3	-2.37E-5	3.27E-5
	CC13	0.0701	-0.4914	-0.0920	-2.15E-3	3.67E-5	-2.96E-5
	CC14	0.0605	-0.4806	-0.0948	-2.12E-3	3.10E-5	-4.71E-6
	CC15	-0.0730	-0.3987	-0.1638	-1.81E-3	-3.37E-5	7.74E-5
	CC16	-0.0826	-0.3879	-0.1666	-1.77E-3	-3.94E-5	1.02E-4
220	CC1	0.0000	0.0000	-0.0181	0.00E+0	0.00E+0	7.78E-8
	CC2	0.0000	0.0000	-0.0183	0.00E+0	0.00E+0	7.47E-8
	CC3	0.0000	0.0000	-0.0321	0.00E+0	0.00E+0	4.15E-8
	CC4	0.0000	0.0000	-0.0323	0.00E+0	0.00E+0	3.84E-8
	CC5	0.0000	0.0000	-0.1561	0.00E+0	0.00E+0	-4.03E-8
	CC6	0.0000	0.0000	-0.1563	0.00E+0	0.00E+0	-4.34E-8
	CC7	0.0000	0.0000	-0.1701	0.00E+0	0.00E+0	-7.66E-8
	CC8	0.0000	0.0000	-0.1703	0.00E+0	0.00E+0	-7.97E-8
	CC9	0.0000	0.0000	-0.0498	0.00E+0	0.00E+0	8.19E-8
	CC10	0.0000	0.0000	-0.0505	0.00E+0	0.00E+0	7.25E-8
	CC11	0.0000	0.0000	-0.0912	0.00E+0	0.00E+0	4.65E-8
	CC12	0.0000	0.0000	-0.0919	0.00E+0	0.00E+0	3.71E-8
	CC13	0.0000	0.0000	-0.0965	0.00E+0	0.00E+0	-3.90E-8
	CC14	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	-4.84E-8
	CC15	0.0000	0.0000	-0.1379	0.00E+0	0.00E+0	-7.44E-8
	CC16	0.0000	0.0000	-0.1386	0.00E+0	0.00E+0	-8.38E-8
221	CC1	0.2408	-0.0047	0.0622	7.71E-5	5.72E-5	-1.92E-4
	CC2	0.2376	-0.0021	0.0608	8.49E-5	5.63E-5	-1.83E-4
	CC3	0.2376	-0.2695	0.0453	-1.11E-3	5.37E-5	-1.71E-4
	CC4	0.2344	-0.2670	0.0439	-1.10E-3	5.29E-5	-1.63E-4
	CC5	-0.2362	0.2619	-0.2463	1.07E-3	-4.19E-5	1.65E-4
	CC6	-0.2394	0.2645	-0.2477	1.07E-3	-4.27E-5	1.73E-4
	CC7	-0.2394	-0.0030	-0.2632	-1.20E-4	-4.53E-5	1.86E-4
	CC8	-0.2426	-0.0004	-0.2646	-1.12E-4	-4.61E-5	1.94E-4
	CC9	0.0808	0.3950	-0.0246	1.80E-3	2.74E-5	-9.94E-5
	CC10	0.0712	0.4028	-0.0290	1.82E-3	2.48E-5	-7.45E-5
	CC11	-0.0623	0.4750	-0.1172	2.10E-3	-2.32E-6	7.64E-6
	CC12	-0.0719	0.4828	-0.1216	2.12E-3	-4.93E-6	3.25E-5
	CC13	0.0701	-0.4879	-0.0808	-2.15E-3	1.60E-5	-2.98E-5
	CC14	0.0605	-0.4801	-0.0852	-2.13E-3	1.33E-5	-4.91E-6
	CC15	-0.0730	-0.4079	-0.1734	-1.86E-3	-1.38E-5	7.72E-5
	CC16	-0.0826	-0.4001	-0.1778	-1.83E-3	-1.64E-5	1.02E-4
222	CC1	0.0000	0.0000	-0.0209	0.00E+0	0.00E+0	-4.99E-9
	CC2	0.0000	0.0000	-0.0211	0.00E+0	0.00E+0	-4.96E-9
	CC3	0.0000	0.0000	-0.0350	0.00E+0	0.00E+0	1.71E-8
	CC4	0.0000	0.0000	-0.0352	0.00E+0	0.00E+0	1.71E-8
	CC5	0.0000	0.0000	-0.1534	0.00E+0	0.00E+0	-1.70E-8
	CC6	0.0000	0.0000	-0.1536	0.00E+0	0.00E+0	-1.69E-8
	CC7	0.0000	0.0000	-0.1675	0.00E+0	0.00E+0	5.10E-9
	CC8	0.0000	0.0000	-0.1677	0.00E+0	0.00E+0	5.13E-9
	CC9	0.0000	0.0000	-0.0507	0.00E+0	0.00E+0	-3.50E-8
	CC10	0.0000	0.0000	-0.0513	0.00E+0	0.00E+0	-3.49E-8
	CC11	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-3.85E-8
	CC12	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	-3.84E-8
	CC13	0.0000	0.0000	-0.0975	0.00E+0	0.00E+0	3.86E-8
	CC14	0.0000	0.0000	-0.0982	0.00E+0	0.00E+0	3.87E-8
	CC15	0.0000	0.0000	-0.1373	0.00E+0	0.00E+0	3.50E-8
	CC16	0.0000	0.0000	-0.1379	0.00E+0	0.00E+0	3.51E-8
223	CC1	0.1988	0.2911	-0.2179	7.90E-4	-3.49E-4	-1.94E-4
	CC2	0.2008	0.2813	-0.2162	7.65E-4	-3.53E-4	-1.86E-4
	CC3	0.2102	-0.0054	-0.1433	-7.13E-5	-3.95E-4	-1.73E-4
	CC4	0.2122	-0.0152	-0.1417	-9.63E-5	-3.99E-4	-1.65E-4
	CC5	-0.2108	0.0122	-0.0726	5.29E-5	4.05E-4	1.63E-4
	CC6	-0.2088	0.0024	-0.0710	2.78E-5	4.01E-4	1.71E-4
	CC7	-0.1994	-0.2843	0.0019	-8.09E-4	3.59E-4	1.84E-4
	CC8	-0.1974	-0.2941	0.0035	-8.34E-4	3.55E-4	1.92E-4
	CC9	0.0401	0.5495	-0.2556	1.56E-3	-2.79E-5	-1.02E-4
	CC10	0.0462	0.5195	-0.2507	1.49E-3	-3.87E-5	-7.67E-5
	CC11	-0.0827	0.4658	-0.2121	1.34E-3	1.98E-4	5.44E-6
	CC12	-0.0767	0.4359	-0.2071	1.27E-3	1.88E-4	3.03E-5
	CC13	0.0781	-0.4389	-0.0072	-1.31E-3	-1.81E-4	-3.20E-5
	CC14	0.0842	-0.4688	-0.0023	-1.38E-3	-1.92E-4	-7.12E-6
	CC15	-0.0448	-0.5225	0.0363	-1.53E-3	4.50E-5	7.50E-5
	CC16	-0.0387	-0.5525	0.0413	-1.61E-3	3.42E-5	9.99E-5
224	CC1	0.0000	0.0000	-0.1863	0.00E+0	0.00E+0	-4.92E-8
	CC2	0.0000	0.0000	-0.1848	0.00E+0	0.00E+0	-4.75E-8



	CC3	0.0000	0.0000	-0.1241	0.00E+0	0.00E+0	-8.80E-9
	CC4	0.0000	0.0000	-0.1226	0.00E+0	0.00E+0	-7.06E-9
	CC5	0.0000	0.0000	-0.0728	0.00E+0	0.00E+0	6.30E-9
	CC6	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	8.04E-9
	CC7	0.0000	0.0000	-0.0106	0.00E+0	0.00E+0	4.67E-8
	CC8	0.0000	0.0000	-0.0092	0.00E+0	0.00E+0	4.85E-8
	CC9	0.0000	0.0000	-0.2206	0.00E+0	0.00E+0	-7.87E-8
	CC10	0.0000	0.0000	-0.2162	0.00E+0	0.00E+0	-7.34E-8
	CC11	0.0000	0.0000	-0.1866	0.00E+0	0.00E+0	-6.20E-8
	CC12	0.0000	0.0000	-0.1822	0.00E+0	0.00E+0	-5.68E-8
	CC13	0.0000	0.0000	-0.0133	0.00E+0	0.00E+0	5.60E-8
	CC14	0.0000	0.0000	-0.0089	0.00E+0	0.00E+0	6.13E-8
	CC15	0.0000	0.0000	0.0208	0.00E+0	0.00E+0	7.27E-8
	CC16	0.0000	0.0000	0.0251	0.00E+0	0.00E+0	7.79E-8
225	CC1	0.1987	0.2722	-0.1898	7.87E-4	-3.58E-4	-1.94E-4
	CC2	0.2007	0.2631	-0.1879	7.62E-4	-3.62E-4	-1.86E-4
	CC3	0.2101	-0.0222	-0.1112	-9.21E-5	-3.97E-4	-1.74E-4
	CC4	0.2121	-0.0313	-0.1092	-1.17E-4	-4.01E-4	-1.65E-4
	CC5	-0.2109	0.0280	-0.1046	7.21E-5	3.83E-4	1.62E-4
	CC6	-0.2089	0.0190	-0.1026	4.74E-5	3.80E-4	1.71E-4
	CC7	-0.1995	-0.2664	-0.0259	-8.07E-4	3.44E-4	1.83E-4
	CC8	-0.1975	-0.2754	-0.0240	-8.31E-4	3.41E-4	1.92E-4
	CC9	0.0400	0.5394	-0.2537	1.59E-3	-4.97E-5	-1.02E-4
	CC10	0.0461	0.5120	-0.2478	1.51E-3	-6.00E-5	-7.73E-5
	CC11	-0.0829	0.4662	-0.2282	1.37E-3	1.73E-4	4.85E-6
	CC12	-0.0768	0.4387	-0.2223	1.30E-3	1.62E-4	2.98E-5
	CC13	0.0780	-0.4420	0.0085	-1.34E-3	-1.80E-4	-3.26E-5
	CC14	0.0841	-0.4694	0.0144	-1.42E-3	-1.90E-4	-7.70E-6
	CC15	-0.0449	-0.5152	0.0340	-1.56E-3	4.25E-5	7.45E-5
	CC16	-0.0388	-0.5426	0.0399	-1.63E-3	3.22E-5	9.94E-5
226	CC1	0.0000	0.0000	-0.1787	0.00E+0	0.00E+0	2.31E-8
	CC2	0.0000	0.0000	-0.1772	0.00E+0	0.00E+0	2.26E-8
	CC3	0.0000	0.0000	-0.1160	0.00E+0	0.00E+0	-1.15E-8
	CC4	0.0000	0.0000	-0.1145	0.00E+0	0.00E+0	-1.21E-8
	CC5	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	1.28E-8
	CC6	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	1.22E-8
	CC7	0.0000	0.0000	-0.0179	0.00E+0	0.00E+0	-2.19E-8
	CC8	0.0000	0.0000	-0.0165	0.00E+0	0.00E+0	-2.24E-8
	CC9	0.0000	0.0000	-0.2191	0.00E+0	0.00E+0	6.05E-8
	CC10	0.0000	0.0000	-0.2146	0.00E+0	0.00E+0	5.88E-8
	CC11	0.0000	0.0000	-0.1897	0.00E+0	0.00E+0	5.74E-8
	CC12	0.0000	0.0000	-0.1851	0.00E+0	0.00E+0	5.57E-8
	CC13	0.0000	0.0000	-0.0100	0.00E+0	0.00E+0	-5.50E-8
	CC14	0.0000	0.0000	-0.0055	0.00E+0	0.00E+0	-5.67E-8
	CC15	0.0000	0.0000	0.0194	0.00E+0	0.00E+0	-5.81E-8
	CC16	0.0000	0.0000	0.0239	0.00E+0	0.00E+0	-5.98E-8
227	CC1	0.5677	0.0086	0.0622	8.18E-5	6.19E-5	-4.83E-4
	CC2	0.5596	0.0158	0.0608	9.55E-5	6.11E-5	-4.63E-4
	CC3	0.5647	-0.7149	0.0433	-1.40E-3	5.28E-5	-4.02E-4
	CC4	0.5566	-0.7078	0.0419	-1.39E-3	5.20E-5	-3.82E-4
	CC5	-0.5564	0.6911	-0.2584	1.35E-3	-2.43E-5	3.88E-4
	CC6	-0.5644	0.6983	-0.2598	1.36E-3	-2.51E-5	4.09E-4
	CC7	-0.5593	-0.0324	-0.2773	-1.40E-4	-3.34E-5	4.69E-4
	CC8	-0.5674	-0.0253	-0.2787	-1.27E-4	-3.42E-5	4.89E-4
	CC9	0.1860	1.0843	-0.0266	2.24E-3	4.32E-5	-2.93E-4
	CC10	0.1615	1.1060	-0.0309	2.29E-3	4.08E-5	-2.31E-4
	CC11	-0.1513	1.2891	-0.1227	2.62E-3	1.73E-5	-3.12E-5
	CC12	-0.1757	1.3108	-0.1271	2.66E-3	1.49E-5	3.06E-5
	CC13	0.1760	-1.3274	-0.0894	-2.71E-3	1.28E-5	-2.44E-5
	CC14	0.1515	-1.3057	-0.0937	-2.67E-3	1.04E-5	3.74E-5
	CC15	-0.1612	-1.1227	-0.1856	-2.33E-3	-1.31E-5	2.37E-4
	CC16	-0.1857	-1.1010	-0.1899	-2.29E-3	-1.55E-5	2.99E-4
228	CC1	0.2408	-0.0295	0.0257	-2.24E-5	2.20E-5	-1.91E-4
	CC2	0.2376	-0.0258	0.0248	-1.05E-5	2.16E-5	-1.83E-4
	CC3	0.2375	-0.2916	0.0093	-1.19E-3	1.72E-5	-1.71E-4
	CC4	0.2344	-0.2880	0.0084	-1.17E-3	1.68E-5	-1.62E-4
	CC5	-0.2362	0.2833	-0.2124	1.14E-3	-3.09E-6	1.65E-4
	CC6	-0.2394	0.2870	-0.2133	1.15E-3	-3.46E-6	1.74E-4
	CC7	-0.2395	0.0211	-0.2288	-2.72E-5	-7.88E-6	1.86E-4
	CC8	-0.2426	0.0248	-0.2297	-1.53E-5	-8.25E-6	1.95E-4
	CC9	0.0808	0.3821	-0.0377	1.73E-3	1.92E-5	-9.92E-5
	CC10	0.0712	0.3932	-0.0404	1.76E-3	1.80E-5	-7.43E-5

	CC11	-0.0623	0.4760	-0.1091	2.08E-3	1.17E-5	7.85E-6
	CC12	-0.0719	0.4870	-0.1118	2.11E-3	1.05E-5	3.28E-5
	CC13	0.0701	-0.4917	-0.0922	-2.15E-3	3.21E-6	-2.96E-5
	CC14	0.0604	-0.4807	-0.0949	-2.11E-3	2.08E-6	-4.70E-6
	CC15	-0.0730	-0.3979	-0.1636	-1.80E-3	-4.31E-6	7.75E-5
	CC16	-0.0826	-0.3868	-0.1663	-1.77E-3	-5.44E-6	1.02E-4
229	CC1	0.5676	0.0664	0.0918	1.95E-4	5.49E-5	-4.82E-4
	CC2	0.5595	0.0711	0.0900	2.05E-4	5.41E-5	-4.62E-4
	CC3	0.5646	-0.6668	0.0720	-1.33E-3	4.75E-5	-4.02E-4
	CC4	0.5565	-0.6621	0.0701	-1.33E-3	4.68E-5	-3.82E-4
	CC5	-0.5565	0.6446	-0.2828	1.28E-3	-1.98E-5	3.89E-4
	CC6	-0.5646	0.6494	-0.2846	1.29E-3	-2.06E-5	4.09E-4
	CC7	-0.5595	-0.0885	-0.3026	-2.49E-4	-2.71E-5	4.69E-4
	CC8	-0.5675	-0.0838	-0.3045	-2.39E-4	-2.79E-5	4.90E-4
	CC9	0.1858	1.1193	-0.0142	2.35E-3	3.81E-5	-2.92E-4
	CC10	0.1614	1.1336	-0.0199	2.38E-3	3.57E-5	-2.30E-4
	CC11	-0.1514	1.2928	-0.1266	2.68E-3	1.57E-5	-3.08E-5
	CC12	-0.1759	1.3071	-0.1323	2.71E-3	1.33E-5	3.10E-5
	CC13	0.1759	-1.3246	-0.0804	-2.75E-3	1.36E-5	-2.40E-5
	CC14	0.1514	-1.3103	-0.0860	-2.72E-3	1.13E-5	3.78E-5
	CC15	-0.1613	-1.1511	-0.1928	-2.42E-3	-8.76E-6	2.37E-4
	CC16	-0.1858	-1.1368	-0.1984	-2.40E-3	-1.11E-5	2.99E-4
230	CC1	0.2408	-0.0066	0.0612	6.95E-5	1.58E-4	-1.92E-4
	CC2	0.2376	-0.0039	0.0597	7.76E-5	1.56E-4	-1.83E-4
	CC3	0.2376	-0.2712	0.0443	-1.12E-3	1.54E-4	-1.71E-4
	CC4	0.2344	-0.2686	0.0429	-1.11E-3	1.52E-4	-1.62E-4
	CC5	-0.2362	0.2635	-0.2454	1.07E-3	-1.40E-4	1.65E-4
	CC6	-0.2394	0.2662	-0.2468	1.08E-3	-1.42E-4	1.73E-4
	CC7	-0.2394	-0.0011	-0.2622	-1.13E-4	-1.44E-4	1.86E-4
	CC8	-0.2426	0.0015	-0.2637	-1.05E-4	-1.46E-4	1.94E-4
	CC9	0.0808	0.3940	-0.0251	1.79E-3	6.11E-5	-9.94E-5
	CC10	0.0712	0.4021	-0.0294	1.82E-3	5.41E-5	-7.45E-5
	CC11	-0.0623	0.4751	-0.1170	2.10E-3	-2.85E-5	7.67E-6
	CC12	-0.0719	0.4831	-0.1214	2.12E-3	-3.55E-5	3.26E-5
	CC13	0.0701	-0.4882	-0.0811	-2.15E-3	4.75E-5	-2.98E-5
	CC14	0.0605	-0.4801	-0.0855	-2.13E-3	4.05E-5	-4.88E-6
	CC15	-0.0730	-0.4072	-0.1731	-1.85E-3	-4.21E-5	7.73E-5
	CC16	-0.0826	-0.3991	-0.1774	-1.83E-3	-4.91E-5	1.02E-4
231	CC1	0.5462	1.0860	-0.1496	1.21E-3	-8.10E-4	-4.83E-4
	CC2	0.5400	1.0481	-0.1523	1.17E-3	-8.01E-4	-4.63E-4
	CC3	0.5556	0.1848	-0.2049	2.99E-4	-8.44E-4	-4.03E-4
	CC4	0.5494	0.1469	-0.2076	2.57E-4	-8.34E-4	-3.82E-4
	CC5	-0.5471	-0.1573	-0.0133	-2.80E-4	8.71E-4	3.88E-4
	CC6	-0.5533	-0.1952	-0.0160	-3.21E-4	8.80E-4	4.09E-4
	CC7	-0.5377	-1.0585	-0.0686	-1.19E-3	8.37E-4	4.69E-4
	CC8	-0.5439	-1.0964	-0.0713	-1.23E-3	8.46E-4	4.89E-4
	CC9	0.1589	1.7407	-0.0346	1.80E-3	-1.92E-4	-2.93E-4
	CC10	0.1402	1.6259	-0.0428	1.67E-3	-1.64E-4	-2.31E-4
	CC11	-0.1691	1.3677	0.0063	1.35E-3	3.12E-4	-3.13E-5
	CC12	-0.1878	1.2529	-0.0019	1.22E-3	3.40E-4	3.05E-5
	CC13	0.1901	-1.2633	-0.2189	-1.25E-3	-3.03E-4	-2.45E-5
	CC14	0.1714	-1.3781	-0.2271	-1.37E-3	-2.76E-4	3.73E-5
	CC15	-0.1379	-1.6363	-0.1780	-1.69E-3	2.01E-4	2.37E-4
	CC16	-0.1566	-1.7511	-0.1862	-1.82E-3	2.28E-4	2.99E-4
232	CC1	0.2369	0.3981	-0.1404	9.59E-4	-7.60E-4	-1.92E-4
	CC2	0.2345	0.3836	-0.1427	9.25E-4	-7.52E-4	-1.84E-4
	CC3	0.2349	0.0898	-0.1890	2.28E-4	-7.73E-4	-1.72E-4
	CC4	0.2325	0.0754	-0.1913	1.94E-4	-7.64E-4	-1.63E-4
	CC5	-0.2278	-0.0789	-0.0190	-2.15E-4	7.81E-4	1.64E-4
	CC6	-0.2302	-0.0934	-0.0213	-2.48E-4	7.89E-4	1.73E-4
	CC7	-0.2298	-0.3871	-0.0676	-9.46E-4	7.68E-4	1.85E-4
	CC8	-0.2322	-0.4016	-0.0699	-9.80E-4	7.77E-4	1.94E-4
	CC9	0.0791	0.6055	-0.0389	1.44E-3	-2.15E-4	-1.00E-4
	CC10	0.0718	0.5616	-0.0458	1.33E-3	-1.89E-4	-7.53E-5
	CC11	-0.0603	0.4624	-0.0025	1.08E-3	2.47E-4	6.86E-6
	CC12	-0.0676	0.4185	-0.0094	9.81E-4	2.73E-4	3.18E-5
	CC13	0.0723	-0.4220	-0.2008	-1.00E-3	-2.57E-4	-3.06E-5
	CC14	0.0650	-0.4660	-0.2078	-1.10E-3	-2.30E-4	-5.70E-6
	CC15	-0.0671	-0.5651	-0.1644	-1.35E-3	2.06E-4	7.65E-5
	CC16	-0.0744	-0.6091	-0.1714	-1.46E-3	2.32E-4	1.01E-4
233	CC1	0.5263	1.0859	-0.1836	1.21E-3	-8.11E-4	-4.83E-4
	CC2	0.5222	1.0481	-0.1827	1.16E-3	-8.03E-4	-4.63E-4

	CC3	0.5433	0.1847	-0.1599	2.99E-4	-8.01E-4	-4.02E-4
	CC4	0.5391	0.1469	-0.1590	2.58E-4	-7.93E-4	-3.82E-4
	CC5	-0.5362	-0.1574	-0.0600	-2.74E-4	8.24E-4	3.88E-4
	CC6	-0.5403	-0.1952	-0.0591	-3.15E-4	8.32E-4	4.09E-4
	CC7	-0.5192	-1.0586	-0.0363	-1.18E-3	8.35E-4	4.69E-4
	CC8	-0.5233	-1.0964	-0.0354	-1.22E-3	8.42E-4	4.89E-4
	CC9	0.1388	1.7407	-0.1690	1.79E-3	-2.59E-4	-2.93E-4
	CC10	0.1263	1.6259	-0.1662	1.66E-3	-2.35E-4	-2.31E-4
	CC11	-0.1799	1.3677	-0.1319	1.34E-3	2.32E-4	-3.12E-5
	CC12	-0.1925	1.2529	-0.1291	1.22E-3	2.55E-4	3.06E-5
	CC13	0.1954	-1.2633	-0.0899	-1.23E-3	-2.24E-4	-2.44E-5
	CC14	0.1829	-1.3781	-0.0871	-1.36E-3	-2.01E-4	3.74E-5
	CC15	-0.1233	-1.6363	-0.0528	-1.68E-3	2.67E-4	2.37E-4
	CC16	-0.1358	-1.7511	-0.0500	-1.80E-3	2.90E-4	2.99E-4
234	CC1	0.2276	0.3982	-0.1777	9.52E-4	-7.45E-4	-1.93E-4
	CC2	0.2260	0.3837	-0.1768	9.19E-4	-7.38E-4	-1.85E-4
	CC3	0.2310	0.0899	-0.1537	2.29E-4	-7.39E-4	-1.72E-4
	CC4	0.2295	0.0755	-0.1528	1.96E-4	-7.33E-4	-1.64E-4
	CC5	-0.2247	-0.0788	-0.0561	-2.03E-4	7.43E-4	1.64E-4
	CC6	-0.2263	-0.0932	-0.0553	-2.37E-4	7.50E-4	1.72E-4
	CC7	-0.2213	-0.3870	-0.0322	-9.27E-4	7.48E-4	1.85E-4
	CC8	-0.2229	-0.4015	-0.0313	-9.60E-4	7.55E-4	1.93E-4
	CC9	0.0669	0.6056	-0.1640	1.43E-3	-2.37E-4	-1.01E-4
	CC10	0.0621	0.5617	-0.1614	1.32E-3	-2.16E-4	-7.61E-5
	CC11	-0.0688	0.4625	-0.1275	1.08E-3	2.09E-4	6.03E-6
	CC12	-0.0736	0.4186	-0.1250	9.78E-4	2.30E-4	3.09E-5
	CC13	0.0783	-0.4219	-0.0840	-9.85E-4	-2.20E-4	-3.14E-5
	CC14	0.0735	-0.4658	-0.0815	-1.09E-3	-1.99E-4	-6.53E-6
	CC15	-0.0574	-0.5650	-0.0476	-1.33E-3	2.26E-4	7.56E-5
	CC16	-0.0622	-0.6089	-0.0450	-1.43E-3	2.47E-4	1.01E-4
235	CC1	0.8716	0.0058	0.0767	-2.69E-5	5.83E-5	-7.53E-4
	CC2	0.8595	0.0184	0.0751	-1.96E-5	5.78E-5	-7.22E-4
	CC3	0.8737	-1.1476	0.0555	-5.97E-4	7.20E-5	-6.39E-4
	CC4	0.8616	-1.1350	0.0540	-5.90E-4	7.15E-5	-6.07E-4
	CC5	-0.8598	1.0986	-0.2759	4.80E-4	-2.46E-5	6.20E-4
	CC6	-0.8719	1.1112	-0.2775	4.87E-4	-2.51E-5	6.52E-4
	CC7	-0.8578	-0.0548	-0.2970	-9.00E-5	-1.09E-5	7.35E-4
	CC8	-0.8699	-0.0422	-0.2986	-8.26E-5	-1.14E-5	7.67E-4
	CC9	0.2756	1.7211	-0.0205	8.08E-4	1.38E-5	-4.39E-4
	CC10	0.2388	1.7594	-0.0253	8.30E-4	1.24E-5	-3.42E-4
	CC11	-0.2439	2.0490	-0.1262	9.60E-4	-1.10E-5	-2.73E-5
	CC12	-0.2806	2.0873	-0.1311	9.82E-4	-1.25E-5	6.95E-5
	CC13	0.2824	-2.1237	-0.0909	-1.09E-3	5.94E-5	-5.64E-5
	CC14	0.2456	-2.0854	-0.0957	-1.07E-3	5.79E-5	4.05E-5
	CC15	-0.2371	-1.7958	-0.1967	-9.40E-4	3.45E-5	3.56E-4
	CC16	-0.2739	-1.7575	-0.2015	-9.17E-4	3.30E-5	4.52E-4
236	CC1	0.8717	0.0963	0.0937	1.34E-5	-3.89E-5	-7.54E-4
	CC2	0.8596	0.1051	0.0919	1.93E-5	-3.83E-5	-7.22E-4
	CC3	0.8738	-1.0710	0.0714	-5.49E-4	-4.82E-5	-6.39E-4
	CC4	0.8616	-1.0622	0.0696	-5.43E-4	-4.76E-5	-6.08E-4
	CC5	-0.8597	1.0243	-0.2865	4.38E-4	7.92E-5	6.19E-4
	CC6	-0.8719	1.0331	-0.2883	4.43E-4	7.98E-5	6.51E-4
	CC7	-0.8577	-0.1429	-0.3088	-1.25E-4	6.99E-5	7.34E-4
	CC8	-0.8698	-0.1341	-0.3106	-1.19E-4	7.05E-5	7.66E-4
	CC9	0.2757	1.7739	-0.0115	8.12E-4	1.27E-5	-4.40E-4
	CC10	0.2389	1.8006	-0.0170	8.30E-4	1.45E-5	-3.43E-4
	CC11	-0.2438	2.0523	-0.1256	9.39E-4	4.81E-5	-2.82E-5
	CC12	-0.2805	2.0790	-0.1311	9.57E-4	4.99E-5	6.86E-5
	CC13	0.2824	-2.1169	-0.0859	-1.06E-3	-1.83E-5	-5.73E-5
	CC14	0.2457	-2.0902	-0.0913	-1.04E-3	-1.65E-5	3.95E-5
	CC15	-0.2370	-1.8385	-0.1999	-9.35E-4	1.71E-5	3.55E-4
	CC16	-0.2738	-1.8118	-0.2054	-9.17E-4	1.89E-5	4.52E-4
237	CC1	0.8381	1.6982	-0.1520	1.32E-3	-6.94E-4	-7.59E-4
	CC2	0.8290	1.6402	-0.1551	1.27E-3	-6.92E-4	-7.27E-4
	CC3	0.8508	0.2905	-0.2243	2.93E-4	-7.32E-4	-6.44E-4
	CC4	0.8416	0.2325	-0.2274	2.48E-4	-7.31E-4	-6.12E-4
	CC5	-0.8456	-0.2494	0.0015	-2.81E-4	7.57E-4	6.14E-4
	CC6	-0.8547	-0.3074	-0.0016	-3.26E-4	7.58E-4	6.46E-4
	CC7	-0.8329	-1.6571	-0.0708	-1.31E-3	7.18E-4	7.29E-4
	CC8	-0.8421	-1.7152	-0.0739	-1.35E-3	7.20E-4	7.61E-4
	CC9	0.2433	2.7179	-0.0107	2.00E-3	-1.42E-4	-4.45E-4
	CC10	0.2156	2.5419	-0.0203	1.87E-3	-1.38E-4	-3.48E-4

	CC11	-0.2618	2.1337	0.0354	1.52E-3	2.93E-4	-3.29E-5
	CC12	-0.2895	1.9576	0.0258	1.39E-3	2.97E-4	6.39E-5
	CC13	0.2855	-1.9745	-0.2517	-1.42E-3	-2.71E-4	-6.20E-5
	CC14	0.2578	-2.1506	-0.2613	-1.55E-3	-2.67E-4	3.49E-5
	CC15	-0.2196	-2.5588	-0.2056	-1.90E-3	1.64E-4	3.50E-4
	CC16	-0.2473	-2.7349	-0.2152	-2.03E-3	1.69E-4	4.47E-4
238	CC1	0.8070	1.6982	-0.1997	1.35E-3	-6.68E-4	-7.57E-4
	CC2	0.8011	1.6402	-0.1984	1.30E-3	-6.67E-4	-7.26E-4
	CC3	0.8312	0.2905	-0.1654	3.08E-4	-6.86E-4	-6.43E-4
	CC4	0.8252	0.2325	-0.1641	2.62E-4	-6.85E-4	-6.11E-4
	CC5	-0.8289	-0.2494	-0.0593	-2.78E-4	7.15E-4	6.16E-4
	CC6	-0.8348	-0.3074	-0.0581	-3.23E-4	7.16E-4	6.48E-4
	CC7	-0.8047	-1.6571	-0.0250	-1.32E-3	6.96E-4	7.31E-4
	CC8	-0.8107	-1.7151	-0.0237	-1.36E-3	6.98E-4	7.63E-4
	CC9	0.2123	2.7180	-0.1919	2.03E-3	-1.64E-4	-4.43E-4
	CC10	0.1943	2.5419	-0.1880	1.90E-3	-1.60E-4	-3.46E-4
	CC11	-0.2784	2.1337	-0.1498	1.55E-3	2.51E-4	-3.13E-5
	CC12	-0.2965	1.9576	-0.1459	1.41E-3	2.55E-4	6.55E-5
	CC13	0.2928	-1.9745	-0.0776	-1.43E-3	-2.25E-4	-6.04E-5
	CC14	0.2748	-2.1506	-0.0737	-1.56E-3	-2.21E-4	3.65E-5
	CC15	-0.1980	-2.5588	-0.0355	-1.91E-3	1.90E-4	3.52E-4
	CC16	-0.2160	-2.7348	-0.0315	-2.05E-3	1.94E-4	4.48E-4
239	CC1	0.7063	0.3137	-0.0942	2.92E-4	1.62E-28	-7.51E-4
	CC2	0.7137	0.3133	-0.0939	2.95E-4	1.62E-28	-7.19E-4
	CC3	0.7783	-0.8866	0.1139	-9.09E-4	1.02E-28	-6.36E-4
	CC4	0.7857	-0.8870	0.1142	-9.06E-4	1.02E-28	-6.05E-4
	CC5	-0.7731	0.8463	-0.2969	8.46E-4	-1.02E-28	6.22E-4
	CC6	-0.7657	0.8459	-0.2966	8.49E-4	-1.02E-28	6.54E-4
	CC7	-0.7011	-0.3540	-0.0889	-3.54E-4	-1.62E-28	7.37E-4
	CC8	-0.6937	-0.3544	-0.0885	-3.51E-4	-1.62E-28	7.69E-4
	CC9	0.0970	1.9009	-0.4082	1.88E-3	1.41E-28	-4.37E-4
	CC10	0.1193	1.8997	-0.4072	1.89E-3	1.41E-28	-3.40E-4
	CC11	-0.3468	2.0606	-0.4690	2.05E-3	6.17E-29	-2.52E-5
	CC12	-0.3245	2.0594	-0.4681	2.06E-3	6.17E-29	7.16E-5
	CC13	0.3371	-2.1002	0.2853	-2.12E-3	-6.17E-29	-5.42E-5
	CC14	0.3594	-2.1014	0.2863	-2.11E-3	-6.17E-29	4.26E-5
	CC15	-0.1068	-1.9404	0.2245	-1.95E-3	-1.41E-28	3.58E-4
	CC16	-0.0844	-1.9416	0.2255	-1.94E-3	-1.41E-28	4.55E-4
240	CC1	0.4549	0.2050	-0.0362	4.04E-4	3.94E-3	-4.86E-4
	CC2	0.4592	0.2038	-0.0349	4.03E-4	3.94E-3	-4.66E-4
	CC3	0.5041	-0.5514	0.1229	-1.02E-3	2.48E-3	-4.05E-4
	CC4	0.5084	-0.5525	0.1242	-1.02E-3	2.48E-3	-3.85E-4
	CC5	-0.5052	0.5332	-0.3043	9.67E-4	-2.48E-3	3.85E-4
	CC6	-0.5008	0.5321	-0.3030	9.66E-4	-2.48E-3	4.06E-4
	CC7	-0.4560	-0.2231	-0.1453	-4.57E-4	-3.94E-3	4.66E-4
	CC8	-0.4516	-0.2243	-0.1440	-4.58E-4	-3.94E-3	4.86E-4
	CC9	0.0570	1.2034	-0.3169	2.26E-3	3.40E-3	-2.96E-4
	CC10	0.0702	1.1999	-0.3130	2.26E-3	3.40E-3	-2.34E-4
	CC11	-0.2310	1.3019	-0.3974	2.43E-3	1.48E-3	-3.43E-5
	CC12	-0.2178	1.2984	-0.3934	2.43E-3	1.48E-3	2.75E-5
	CC13	0.2211	-1.3177	0.2133	-2.48E-3	-1.48E-3	-2.75E-5
	CC14	0.2343	-1.3212	0.2172	-2.49E-3	-1.48E-3	3.43E-5
	CC15	-0.0669	-1.2192	0.1329	-2.31E-3	-3.40E-3	2.34E-4
	CC16	-0.0537	-1.2227	0.1368	-2.32E-3	-3.40E-3	2.96E-4
241	CC1	0.7056	0.4061	0.0430	2.64E-4	1.22E-28	-7.53E-4
	CC2	0.7129	0.4018	0.0456	2.63E-4	1.22E-28	-7.22E-4
	CC3	0.7776	-0.8080	0.1318	-7.62E-4	7.68E-29	-6.39E-4
	CC4	0.7850	-0.8123	0.1345	-7.64E-4	7.68E-29	-6.07E-4
	CC5	-0.7738	0.7739	-0.3187	6.71E-4	-7.68E-29	6.20E-4
	CC6	-0.7664	0.7697	-0.3161	6.70E-4	-7.68E-29	6.52E-4
	CC7	-0.7018	-0.4402	-0.2299	-3.55E-4	-1.22E-28	7.35E-4
	CC8	-0.6944	-0.4444	-0.2273	-3.57E-4	-1.22E-28	7.67E-4
	CC9	0.0963	1.9555	-0.1899	1.61E-3	1.04E-28	-4.39E-4
	CC10	0.1186	1.9427	-0.1820	1.60E-3	1.04E-28	-3.42E-4
	CC11	-0.3475	2.0659	-0.2984	1.73E-3	4.49E-29	-2.73E-5
	CC12	-0.3252	2.0531	-0.2905	1.72E-3	4.49E-29	6.95E-5
	CC13	0.3363	-2.0914	0.1062	-1.82E-3	-4.49E-29	-5.64E-5
	CC14	0.3587	-2.1043	0.1141	-1.82E-3	-4.49E-29	4.04E-5
	CC15	-0.1075	-1.9811	-0.0023	-1.69E-3	-1.04E-28	3.56E-4
	CC16	-0.0851	-1.9939	0.0056	-1.70E-3	-1.04E-28	4.52E-4
242	CC1	0.4550	0.2634	-0.0218	4.75E-4	7.00E-29	-4.90E-4
	CC2	0.4594	0.2598	-0.0201	4.69E-4	7.00E-29	-4.69E-4

	CC3	0.5042	-0.5025	0.0813	-8.94E-4	4.40E-29	-4.09E-4
	CC4	0.5086	-0.5061	0.0830	-8.99E-4	4.40E-29	-3.89E-4
	CC5	-0.5050	0.4876	-0.2650	8.42E-4	-4.40E-29	3.81E-4
	CC6	-0.5007	0.4840	-0.2633	8.37E-4	-4.40E-29	4.02E-4
	CC7	-0.4558	-0.2784	-0.1619	-5.26E-4	-7.00E-29	4.62E-4
	CC8	-0.4514	-0.2820	-0.1602	-5.32E-4	-7.00E-29	4.82E-4
	CC9	0.0571	1.2392	-0.2289	2.21E-3	6.04E-29	-3.00E-4
	CC10	0.0704	1.2283	-0.2239	2.19E-3	6.04E-29	-2.38E-4
	CC11	-0.2309	1.3065	-0.3018	2.32E-3	2.62E-29	-3.82E-5
	CC12	-0.2176	1.2955	-0.2968	2.30E-3	2.62E-29	2.36E-5
	CC13	0.2212	-1.3141	0.1148	-2.36E-3	-2.62E-29	-3.14E-5
	CC14	0.2345	-1.3250	0.1198	-2.37E-3	-2.62E-29	3.04E-5
	CC15	-0.0668	-1.2468	0.0419	-2.25E-3	-6.04E-29	2.30E-4
	CC16	-0.0535	-1.2578	0.0469	-2.26E-3	-6.04E-29	2.92E-4
243	CC1	0.2320	-0.4043	-0.0758	-1.00E-3	-8.05E-4	-1.89E-4
	CC2	0.2296	-0.3847	-0.0757	-9.53E-4	-7.97E-4	-1.81E-4
	CC3	0.2299	-0.6259	-0.0783	-1.60E-3	-7.98E-4	-1.69E-4
	CC4	0.2275	-0.6062	-0.0782	-1.55E-3	-7.90E-4	-1.60E-4
	CC5	-0.2324	0.6023	-0.0978	1.53E-3	7.72E-4	1.67E-4
	CC6	-0.2348	0.6219	-0.0976	1.58E-3	7.80E-4	1.76E-4
	CC7	-0.2345	0.3807	-0.1003	9.34E-4	7.79E-4	1.88E-4
	CC8	-0.2368	0.4004	-0.1001	9.84E-4	7.87E-4	1.97E-4
	CC9	0.0743	0.1865	-0.0808	5.24E-4	-2.69E-4	-9.72E-5
	CC10	0.0671	0.2461	-0.0803	6.76E-4	-2.45E-4	-7.23E-5
	CC11	-0.0650	0.4885	-0.0874	1.28E-3	2.04E-4	9.87E-6
	CC12	-0.0722	0.5480	-0.0868	1.44E-3	2.28E-4	3.48E-5
	CC13	0.0674	-0.5520	-0.0891	-1.45E-3	-2.46E-4	-2.76E-5
	CC14	0.0602	-0.4925	-0.0886	-1.30E-3	-2.22E-4	-2.68E-6
	CC15	-0.0719	-0.2500	-0.0957	-6.95E-4	2.27E-4	7.95E-5
	CC16	-0.0791	-0.1905	-0.0952	-5.43E-4	2.51E-4	1.04E-4
244	CC1	0.2234	-0.4042	0.0071	-1.02E-3	-8.02E-4	-1.88E-4
	CC2	0.2218	-0.3846	0.0024	-9.71E-4	-7.97E-4	-1.80E-4
	CC3	0.2268	-0.6258	0.0626	-1.62E-3	-8.23E-4	-1.67E-4
	CC4	0.2252	-0.6061	0.0579	-1.57E-3	-8.17E-4	-1.59E-4
	CC5	-0.2292	0.6024	-0.2318	1.55E-3	8.04E-4	1.69E-4
	CC6	-0.2308	0.6220	-0.2365	1.60E-3	8.10E-4	1.77E-4
	CC7	-0.2258	0.3808	-0.1763	9.47E-4	7.84E-4	1.89E-4
	CC8	-0.2273	0.4005	-0.1810	9.98E-4	7.90E-4	1.98E-4
	CC9	0.0626	0.1866	-0.1365	5.28E-4	-2.23E-4	-9.61E-5
	CC10	0.0578	0.2462	-0.1507	6.83E-4	-2.05E-4	-7.12E-5
	CC11	-0.0732	0.4886	-0.2082	1.30E-3	2.59E-4	1.10E-5
	CC12	-0.0780	0.5481	-0.2224	1.45E-3	2.77E-4	3.59E-5
	CC13	0.0740	-0.5519	0.0484	-1.48E-3	-2.90E-4	-2.65E-5
	CC14	0.0692	-0.4924	0.0342	-1.32E-3	-2.72E-4	-1.59E-6
	CC15	-0.0618	-0.2499	-0.0232	-7.06E-4	1.92E-4	8.06E-5
	CC16	-0.0666	-0.1904	-0.0374	-5.52E-4	2.10E-4	1.05E-4
245	CC1	0.0000	0.0000	-0.0443	0.00E+0	0.00E+0	4.01E-7
	CC2	0.0000	0.0000	-0.0460	0.00E+0	0.00E+0	3.83E-7
	CC3	0.0000	0.0000	-0.0241	0.00E+0	0.00E+0	5.45E-7
	CC4	0.0000	0.0000	-0.0259	0.00E+0	0.00E+0	5.27E-7
	CC5	0.0000	0.0000	-0.1382	0.00E+0	0.00E+0	-5.28E-7
	CC6	0.0000	0.0000	-0.1400	0.00E+0	0.00E+0	-5.46E-7
	CC7	0.0000	0.0000	-0.1180	0.00E+0	0.00E+0	-3.83E-7
	CC8	0.0000	0.0000	-0.1198	0.00E+0	0.00E+0	-4.01E-7
	CC9	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	-7.41E-8
	CC10	0.0000	0.0000	-0.1043	0.00E+0	0.00E+0	-1.29E-7
	CC11	0.0000	0.0000	-0.1271	0.00E+0	0.00E+0	-3.53E-7
	CC12	0.0000	0.0000	-0.1324	0.00E+0	0.00E+0	-4.07E-7
	CC13	0.0000	0.0000	-0.0316	0.00E+0	0.00E+0	4.07E-7
	CC14	0.0000	0.0000	-0.0370	0.00E+0	0.00E+0	3.52E-7
	CC15	0.0000	0.0000	-0.0598	0.00E+0	0.00E+0	1.28E-7
	CC16	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	7.38E-8
246	CC1	0.0000	0.0000	-0.0322	0.00E+0	0.00E+0	3.93E-7
	CC2	0.0000	0.0000	-0.0346	0.00E+0	0.00E+0	3.75E-7
	CC3	0.0000	0.0000	-0.0050	0.00E+0	0.00E+0	5.31E-7
	CC4	0.0000	0.0000	-0.0073	0.00E+0	0.00E+0	5.14E-7
	CC5	0.0000	0.0000	-0.1567	0.00E+0	0.00E+0	-5.16E-7
	CC6	0.0000	0.0000	-0.1591	0.00E+0	0.00E+0	-5.34E-7
	CC7	0.0000	0.0000	-0.1294	0.00E+0	0.00E+0	-3.77E-7
	CC8	0.0000	0.0000	-0.1318	0.00E+0	0.00E+0	-3.95E-7
	CC9	0.0000	0.0000	-0.1052	0.00E+0	0.00E+0	-6.87E-8
	CC10	0.0000	0.0000	-0.1124	0.00E+0	0.00E+0	-1.22E-7

	CC11	0.0000	0.0000	-0.1425	0.00E+0	0.00E+0	-3.41E-7
	CC12	0.0000	0.0000	-0.1498	0.00E+0	0.00E+0	-3.95E-7
	CC13	0.0000	0.0000	-0.0143	0.00E+0	0.00E+0	3.93E-7
	CC14	0.0000	0.0000	-0.0215	0.00E+0	0.00E+0	3.39E-7
	CC15	0.0000	0.0000	-0.0516	0.00E+0	0.00E+0	1.20E-7
	CC16	0.0000	0.0000	-0.0588	0.00E+0	0.00E+0	6.67E-8
247	CC1	0.1654	-0.2880	-0.1678	-1.48E-3	-8.84E-4	-1.87E-4
	CC2	0.1632	-0.2741	-0.1639	-1.41E-3	-8.72E-4	-1.79E-4
	CC3	0.1628	-0.4436	-0.2138	-2.30E-3	-8.75E-4	-1.90E-4
	CC4	0.1607	-0.4296	-0.2099	-2.23E-3	-8.63E-4	-1.82E-4
	CC5	-0.1666	0.4277	0.0349	2.22E-3	8.74E-4	1.83E-4
	CC6	-0.1688	0.4416	0.0388	2.29E-3	8.87E-4	1.91E-4
	CC7	-0.1692	0.2721	-0.0112	1.40E-3	8.84E-4	1.81E-4
	CC8	-0.1714	0.2861	-0.0072	1.47E-3	8.96E-4	1.89E-4
	CC9	0.0544	0.1298	-0.0472	6.98E-4	-2.92E-4	-6.33E-5
	CC10	0.0478	0.1720	-0.0352	9.18E-4	-2.55E-4	-3.86E-5
	CC11	-0.0452	0.3445	0.0136	1.81E-3	2.35E-4	4.78E-5
	CC12	-0.0518	0.3867	0.0256	2.03E-3	2.73E-4	7.24E-5
	CC13	0.0459	-0.3887	-0.2006	-2.04E-3	-2.61E-4	-7.11E-5
	CC14	0.0393	-0.3465	-0.1886	-1.82E-3	-2.24E-4	-4.64E-5
	CC15	-0.0537	-0.1740	-0.1398	-9.31E-4	2.67E-4	3.99E-5
	CC16	-0.0603	-0.1318	-0.1278	-7.11E-4	3.04E-4	6.46E-5
248	CC1	0.0908	-0.1612	-0.1389	-1.40E-3	-8.15E-4	-1.77E-4
	CC2	0.0897	-0.1534	-0.1363	-1.33E-3	-8.04E-4	-1.69E-4
	CC3	0.0882	-0.2474	-0.1680	-2.16E-3	-8.06E-4	-2.01E-4
	CC4	0.0871	-0.2397	-0.1655	-2.09E-3	-7.95E-4	-1.94E-4
	CC5	-0.0912	0.2385	-0.0060	2.08E-3	8.24E-4	1.95E-4
	CC6	-0.0923	0.2462	-0.0034	2.15E-3	8.35E-4	2.03E-4
	CC7	-0.0938	0.1523	-0.0351	1.32E-3	8.33E-4	1.70E-4
	CC8	-0.0949	0.1600	-0.0326	1.39E-3	8.44E-4	1.78E-4
	CC9	0.0312	0.0714	-0.0610	6.33E-4	-2.63E-4	-2.61E-5
	CC10	0.0278	0.0949	-0.0532	8.39E-4	-2.29E-4	-2.27E-6
	CC11	-0.0234	0.1913	-0.0211	1.68E-3	2.29E-4	8.54E-5
	CC12	-0.0268	0.2148	-0.0134	1.88E-3	2.63E-4	1.09E-4
	CC13	0.0227	-0.2160	-0.1581	-1.89E-3	-2.33E-4	-1.08E-4
	CC14	0.0193	-0.1925	-0.1503	-1.69E-3	-2.00E-4	-8.43E-5
	CC15	-0.0319	-0.0961	-0.1182	-8.46E-4	2.58E-4	3.43E-6
	CC16	-0.0353	-0.0726	-0.1105	-6.41E-4	2.92E-4	2.72E-5
249	CC1	0.0287	-0.0528	-0.0546	-1.04E-3	-5.79E-4	-1.21E-4
	CC2	0.0284	-0.0502	-0.0537	-9.94E-4	-5.72E-4	-1.16E-4
	CC3	0.0274	-0.0808	-0.0640	-1.60E-3	-5.54E-4	-1.48E-4
	CC4	0.0271	-0.0783	-0.0631	-1.55E-3	-5.47E-4	-1.43E-4
	CC5	-0.0286	0.0778	-0.1047	1.54E-3	5.76E-4	1.43E-4
	CC6	-0.0289	0.0803	-0.1039	1.59E-3	5.83E-4	1.49E-4
	CC7	-0.0299	0.0498	-0.1141	9.86E-4	6.02E-4	1.16E-4
	CC8	-0.0302	0.0523	-0.1133	1.04E-3	6.08E-4	1.22E-4
	CC9	0.0105	0.0231	-0.0620	4.60E-4	-2.10E-4	-2.71E-6
	CC10	0.0095	0.0308	-0.0595	6.12E-4	-1.91E-4	1.38E-5
	CC11	-0.0067	0.0623	-0.0770	1.24E-3	1.36E-4	7.67E-5
	CC12	-0.0076	0.0699	-0.0745	1.39E-3	1.56E-4	9.32E-5
	CC13	0.0061	-0.0704	-0.0933	-1.40E-3	-1.26E-4	-9.25E-5
	CC14	0.0052	-0.0628	-0.0908	-1.24E-3	-1.07E-4	-7.60E-5
	CC15	-0.0110	-0.0312	-0.1084	-6.20E-4	2.20E-4	-1.31E-5
	CC16	-0.0120	-0.0236	-0.1059	-4.69E-4	2.39E-4	3.41E-6
250	CC1	0.1468	-0.2818	0.0887	-1.47E-3	-8.04E-4	-2.04E-4
	CC2	0.1462	-0.2682	0.0800	-1.40E-3	-8.01E-4	-1.95E-4
	CC3	0.1502	-0.4338	0.1901	-2.28E-3	-8.20E-4	-2.14E-4
	CC4	0.1496	-0.4202	0.1815	-2.21E-3	-8.17E-4	-2.05E-4
	CC5	-0.1531	0.4185	-0.3512	2.19E-3	8.25E-4	2.05E-4
	CC6	-0.1536	0.4321	-0.3599	2.26E-3	8.28E-4	2.14E-4
	CC7	-0.1497	0.2665	-0.2498	1.38E-3	8.09E-4	1.94E-4
	CC8	-0.1502	0.2801	-0.2585	1.45E-3	8.12E-4	2.03E-4
	CC9	0.0384	0.1269	-0.1748	6.87E-4	-2.18E-4	-5.72E-5
	CC10	0.0368	0.1681	-0.2011	9.04E-4	-2.10E-4	-3.02E-5
	CC11	-0.0515	0.3370	-0.3068	1.78E-3	2.71E-4	6.54E-5
	CC12	-0.0532	0.3782	-0.3331	2.00E-3	2.79E-4	9.23E-5
	CC13	0.0497	-0.3799	0.1633	-2.02E-3	-2.71E-4	-9.30E-5
	CC14	0.0481	-0.3386	0.1370	-1.80E-3	-2.63E-4	-6.60E-5
	CC15	-0.0402	-0.1698	0.0313	-9.23E-4	2.17E-4	2.96E-5
	CC16	-0.0419	-0.1285	0.0050	-7.06E-4	2.26E-4	5.66E-5
251	CC1	0.0800	-0.1578	0.0582	-1.36E-3	-7.23E-4	-2.00E-4
	CC2	0.0797	-0.1502	0.0511	-1.29E-3	-7.20E-4	-1.91E-4

	CC3	0.0822	-0.2422	0.1401	-2.09E-3	-7.43E-4	-2.37E-4
	CC4	0.0819	-0.2346	0.1331	-2.03E-3	-7.40E-4	-2.28E-4
	CC5	-0.0843	0.2342	-0.3010	2.02E-3	7.56E-4	2.26E-4
	CC6	-0.0846	0.2418	-0.3081	2.08E-3	7.60E-4	2.35E-4
	CC7	-0.0820	0.1498	-0.2191	1.28E-3	7.37E-4	1.89E-4
	CC8	-0.0824	0.1574	-0.2262	1.35E-3	7.40E-4	1.98E-4
	CC9	0.0203	0.0702	-0.1560	6.13E-4	-1.85E-4	-1.71E-5
	CC10	0.0193	0.0932	-0.1774	8.12E-4	-1.76E-4	9.85E-6
	CC11	-0.0290	0.1877	-0.2637	1.63E-3	2.59E-4	1.11E-4
	CC12	-0.0300	0.2108	-0.2852	1.83E-3	2.68E-4	1.38E-4
	CC13	0.0276	-0.2112	0.1172	-1.84E-3	-2.51E-4	-1.40E-4
	CC14	0.0267	-0.1881	0.0957	-1.64E-3	-2.42E-4	-1.13E-4
	CC15	-0.0216	-0.0936	0.0094	-8.22E-4	1.92E-4	-1.19E-5
	CC16	-0.0226	-0.0706	-0.0120	-6.23E-4	2.02E-4	1.50E-5
252	CC1	0.0252	-0.0520	0.0213	-1.02E-3	-5.12E-4	-1.37E-4
	CC2	0.0251	-0.0495	0.0162	-9.75E-4	-5.09E-4	-1.31E-4
	CC3	0.0258	-0.0797	0.0807	-1.57E-3	-5.32E-4	-1.73E-4
	CC4	0.0257	-0.0772	0.0755	-1.52E-3	-5.29E-4	-1.67E-4
	CC5	-0.0266	0.0773	-0.2416	1.52E-3	5.46E-4	1.66E-4
	CC6	-0.0266	0.0798	-0.2468	1.57E-3	5.48E-4	1.72E-4
	CC7	-0.0259	0.0496	-0.1823	9.75E-4	5.26E-4	1.30E-4
	CC8	-0.0260	0.0521	-0.1874	1.02E-3	5.28E-4	1.36E-4
	CC9	0.0064	0.0230	-0.1347	4.55E-4	-1.21E-4	4.22E-6
	CC10	0.0061	0.0305	-0.1504	6.04E-4	-1.13E-4	2.30E-5
	CC11	-0.0091	0.0618	-0.2136	1.22E-3	1.97E-4	9.51E-5
	CC12	-0.0094	0.0693	-0.2292	1.37E-3	2.04E-4	1.14E-4
	CC13	0.0085	-0.0693	0.0631	-1.37E-3	-1.88E-4	-1.15E-4
	CC14	0.0083	-0.0617	0.0475	-1.22E-3	-1.80E-4	-9.66E-5
	CC15	-0.0070	-0.0305	-0.0157	-6.05E-4	1.29E-4	-2.45E-5
	CC16	-0.0072	-0.0229	-0.0314	-4.55E-4	1.37E-4	-5.73E-6
253	CC1	0.2397	-0.4171	0.0882	-1.38E-3	-2.70E-4	-1.97E-4
	CC2	0.2365	-0.3969	0.0936	-1.31E-3	-2.57E-4	-1.89E-4
	CC3	0.2363	-0.6373	0.0183	-2.15E-3	-4.41E-4	-1.76E-4
	CC4	0.2331	-0.6171	0.0237	-2.08E-3	-4.28E-4	-1.68E-4
	CC5	-0.2386	0.6127	-0.2011	2.05E-3	4.24E-4	1.60E-4
	CC6	-0.2419	0.6328	-0.1956	2.12E-3	4.37E-4	1.68E-4
	CC7	-0.2420	0.3925	-0.2710	1.28E-3	2.52E-4	1.81E-4
	CC8	-0.2453	0.4126	-0.2656	1.35E-3	2.66E-4	1.89E-4
	CC9	0.0796	0.1797	0.0631	6.52E-4	1.59E-4	-1.05E-4
	CC10	0.0697	0.2409	0.0795	8.58E-4	1.99E-4	-8.00E-5
	CC11	-0.0639	0.4887	-0.0237	1.68E-3	3.67E-4	2.15E-6
	CC12	-0.0738	0.5498	-0.0073	1.89E-3	4.08E-4	2.71E-5
	CC13	0.0682	-0.5543	-0.1701	-1.91E-3	-4.12E-4	-3.53E-5
	CC14	0.0584	-0.4931	-0.1537	-1.71E-3	-3.71E-4	-1.04E-5
	CC15	-0.0753	-0.2453	-0.2569	-8.84E-4	-2.04E-4	7.18E-5
	CC16	-0.0851	-0.1842	-0.2405	-6.78E-4	-1.63E-4	9.67E-5
254	CC1	0.0050	-0.0159	-0.0451	-2.70E-4	-7.10E-4	-3.96E-4
	CC2	0.0048	-0.0152	-0.0454	-2.57E-4	-7.31E-4	-3.78E-4
	CC3	0.0071	-0.0217	-0.0436	-4.17E-4	-4.32E-4	-5.39E-4
	CC4	0.0068	-0.0210	-0.0439	-4.04E-4	-4.53E-4	-5.21E-4
	CC5	-0.0068	0.0210	-0.1219	3.99E-4	4.89E-4	5.22E-4
	CC6	-0.0071	0.0217	-0.1221	4.13E-4	4.68E-4	5.40E-4
	CC7	-0.0048	0.0153	-0.1204	2.52E-4	7.67E-4	3.79E-4
	CC8	-0.0051	0.0160	-0.1206	2.65E-4	7.46E-4	3.97E-4
	CC9	-0.0012	0.0030	-0.0735	1.23E-4	-5.94E-4	7.44E-5
	CC10	-0.0019	0.0051	-0.0743	1.63E-4	-6.58E-4	1.28E-4
	CC11	-0.0048	0.0140	-0.0966	3.24E-4	-2.35E-4	3.50E-4
	CC12	-0.0055	0.0162	-0.0973	3.64E-4	-2.98E-4	4.04E-4
	CC13	0.0055	-0.0162	-0.0685	-3.69E-4	3.34E-4	-4.03E-4
	CC14	0.0048	-0.0140	-0.0692	-3.29E-4	2.71E-4	-3.49E-4
	CC15	0.0019	-0.0051	-0.0915	-1.68E-4	6.94E-4	-1.27E-4
	CC16	0.0012	-0.0029	-0.0922	-1.28E-4	6.31E-4	-7.36E-5
255	CC1	0.1636	-0.3132	0.0885	-1.31E-3	-8.61E-4	-1.59E-4
	CC2	0.1615	-0.2982	0.0935	-1.24E-3	-8.46E-4	-1.52E-4
	CC3	0.1580	-0.4684	0.0203	-2.00E-3	-9.06E-4	-1.44E-4
	CC4	0.1560	-0.4535	0.0253	-1.94E-3	-8.92E-4	-1.37E-4
	CC5	-0.1619	0.4502	-0.2006	1.92E-3	8.97E-4	1.35E-4
	CC6	-0.1639	0.4652	-0.1957	1.98E-3	9.12E-4	1.42E-4
	CC7	-0.1674	0.2950	-0.2688	1.23E-3	8.51E-4	1.50E-4
	CC8	-0.1695	0.3100	-0.2639	1.29E-3	8.66E-4	1.56E-4
	CC9	0.0582	0.1199	0.0619	5.69E-4	-2.07E-4	-7.96E-5
	CC10	0.0520	0.1653	0.0769	7.62E-4	-1.62E-4	-5.96E-5

	CC11	-0.0394	0.3489	-0.0249	1.54E-3	3.20E-4	8.55E-6
	CC12	-0.0456	0.3943	-0.0099	1.73E-3	3.65E-4	2.86E-5
	CC13	0.0397	-0.3975	-0.1655	-1.75E-3	-3.60E-4	-3.09E-5
	CC14	0.0335	-0.3521	-0.1505	-1.55E-3	-3.15E-4	-1.09E-5
	CC15	-0.0579	-0.1685	-0.2522	-7.80E-4	1.67E-4	5.73E-5
	CC16	-0.0641	-0.1231	-0.2372	-5.87E-4	2.13E-4	7.73E-5
256	CC1	0.0934	-0.2083	0.0537	-1.11E-3	-7.46E-4	-2.58E-4
	CC2	0.0923	-0.1984	0.0575	-1.06E-3	-7.38E-4	-2.47E-4
	CC3	0.0878	-0.3078	0.0011	-1.71E-3	-7.20E-4	-3.15E-4
	CC4	0.0867	-0.2979	0.0049	-1.65E-3	-7.11E-4	-3.04E-4
	CC5	-0.0915	0.2960	-0.1782	1.64E-3	7.31E-4	3.01E-4
	CC6	-0.0926	0.3058	-0.1745	1.70E-3	7.39E-4	3.13E-4
	CC7	-0.0971	0.1965	-0.2309	1.05E-3	7.57E-4	2.45E-4
	CC8	-0.0981	0.2064	-0.2271	1.10E-3	7.65E-4	2.56E-4
	CC9	0.0362	0.0742	0.0300	4.88E-4	-2.68E-4	-7.60E-6
	CC10	0.0331	0.1041	0.0415	6.52E-4	-2.43E-4	2.69E-5
	CC11	-0.0192	0.2255	-0.0395	1.31E-3	1.75E-4	1.60E-4
	CC12	-0.0224	0.2554	-0.0281	1.48E-3	2.00E-4	1.95E-4
	CC13	0.0176	-0.2573	-0.1453	-1.49E-3	-1.81E-4	-1.97E-4
	CC14	0.0144	-0.2274	-0.1338	-1.33E-3	-1.56E-4	-1.63E-4
	CC15	-0.0378	-0.1060	-0.2149	-6.64E-4	2.62E-4	-2.94E-5
	CC16	-0.0410	-0.0761	-0.2034	-5.00E-4	2.87E-4	5.03E-6
257	CC1	0.0384	-0.1158	0.0170	-1.11E-3	-5.11E-4	-3.85E-4
	CC2	0.0382	-0.1104	0.0196	-1.06E-3	-5.00E-4	-3.67E-4
	CC3	0.0333	-0.1677	-0.0195	-1.66E-3	-5.45E-4	-5.20E-4
	CC4	0.0331	-0.1623	-0.0169	-1.60E-3	-5.34E-4	-5.03E-4
	CC5	-0.0360	0.1615	-0.1542	1.59E-3	5.58E-4	5.01E-4
	CC6	-0.0362	0.1669	-0.1516	1.64E-3	5.69E-4	5.19E-4
	CC7	-0.0411	0.1096	-0.1907	1.04E-3	5.24E-4	3.66E-4
	CC8	-0.0413	0.1150	-0.1881	1.10E-3	5.35E-4	3.83E-4
	CC9	0.0186	0.0363	-0.0029	4.17E-4	-1.08E-4	6.57E-5
	CC10	0.0178	0.0528	0.0049	5.77E-4	-7.39E-5	1.18E-4
	CC11	-0.0037	0.1195	-0.0543	1.23E-3	2.13E-4	3.32E-4
	CC12	-0.0045	0.1359	-0.0464	1.39E-3	2.47E-4	3.84E-4
	CC13	0.0016	-0.1368	-0.1246	-1.40E-3	-2.23E-4	-3.85E-4
	CC14	0.0008	-0.1204	-0.1168	-1.24E-3	-1.89E-4	-3.33E-4
	CC15	-0.0207	-0.0536	-0.1760	-5.91E-4	9.79E-5	-1.19E-4
	CC16	-0.0215	-0.0372	-0.1682	-4.31E-4	1.31E-4	-6.69E-5
258	CC1	0.2176	-0.4168	0.1118	-1.38E-3	-2.77E-4	-1.97E-4
	CC2	0.2167	-0.3966	0.1019	-1.31E-3	-2.63E-4	-1.89E-4
	CC3	0.2225	-0.6370	0.2258	-2.18E-3	-4.55E-4	-1.76E-4
	CC4	0.2216	-0.6168	0.2159	-2.11E-3	-4.41E-4	-1.68E-4
	CC5	-0.2250	0.6130	-0.3872	2.09E-3	4.36E-4	1.60E-4
	CC6	-0.2259	0.6332	-0.3971	2.16E-3	4.50E-4	1.68E-4
	CC7	-0.2201	0.3928	-0.2731	1.29E-3	2.58E-4	1.81E-4
	CC8	-0.2210	0.4130	-0.2830	1.36E-3	2.72E-4	1.89E-4
	CC9	0.0579	0.1801	-0.1859	6.94E-4	1.67E-4	-1.05E-4
	CC10	0.0552	0.2412	-0.2159	9.02E-4	2.09E-4	-7.97E-5
	CC11	-0.0749	0.4890	-0.3355	1.74E-3	3.81E-4	2.49E-6
	CC12	-0.0776	0.5501	-0.3655	1.94E-3	4.22E-4	2.74E-5
	CC13	0.0742	-0.5540	0.1943	-1.97E-3	-4.27E-4	-3.50E-5
	CC14	0.0715	-0.4928	0.1643	-1.76E-3	-3.86E-4	-1.01E-5
	CC15	-0.0586	-0.2450	0.0446	-9.25E-4	-2.14E-4	7.21E-5
	CC16	-0.0613	-0.1839	0.0146	-7.17E-4	-1.72E-4	9.70E-5
259	CC1	-0.0013	-0.0162	-0.0036	2.78E-4	-4.65E-4	-3.79E-4
	CC2	-0.0012	-0.0154	-0.0075	2.87E-4	-4.44E-4	-3.61E-4
	CC3	-0.0019	-0.0220	0.0389	1.72E-4	-6.82E-4	-5.15E-4
	CC4	-0.0018	-0.0212	0.0350	1.81E-4	-6.60E-4	-4.98E-4
	CC5	0.0018	0.0213	-0.1999	-1.86E-4	6.79E-4	5.00E-4
	CC6	0.0019	0.0221	-0.2037	-1.78E-4	7.00E-4	5.17E-4
	CC7	0.0012	0.0155	-0.1574	-2.92E-4	4.62E-4	3.64E-4
	CC8	0.0013	0.0162	-0.1612	-2.84E-4	4.84E-4	3.81E-4
	CC9	0.0004	0.0030	-0.1180	2.30E-4	1.66E-4	7.02E-5
	CC10	0.0006	0.0052	-0.1296	2.57E-4	2.31E-4	1.22E-4
	CC11	0.0013	0.0143	-0.1769	9.07E-5	5.09E-4	3.34E-4
	CC12	0.0015	0.0165	-0.1885	1.17E-4	5.75E-4	3.85E-4
	CC13	-0.0015	-0.0164	0.0237	-1.23E-4	-5.56E-4	-3.83E-4
	CC14	-0.0013	-0.0142	0.0120	-9.62E-5	-4.91E-4	-3.32E-4
	CC15	-0.0006	-0.0051	-0.0352	-2.62E-4	-2.13E-4	-1.20E-4
	CC16	-0.0004	-0.0029	-0.0469	-2.36E-4	-1.47E-4	-6.81E-5
260	CC1	0.1488	-0.3121	0.0961	-1.32E-3	-7.86E-4	-1.85E-4
	CC2	0.1478	-0.2971	0.0872	-1.25E-3	-7.89E-4	-1.77E-4



	CC3	0.1564	-0.4667	0.1938	-2.02E-3	-7.20E-4	-1.86E-4
	CC4	0.1553	-0.4517	0.1849	-1.95E-3	-7.23E-4	-1.78E-4
	CC5	-0.1588	0.4492	-0.3552	1.94E-3	7.28E-4	1.76E-4
	CC6	-0.1598	0.4642	-0.3641	2.00E-3	7.25E-4	1.84E-4
	CC7	-0.1512	0.2946	-0.2575	1.24E-3	7.93E-4	1.75E-4
	CC8	-0.1523	0.3096	-0.2664	1.30E-3	7.90E-4	1.83E-4
	CC9	0.0335	0.1196	-0.1669	5.76E-4	-3.29E-4	-6.50E-5
	CC10	0.0302	0.1648	-0.1939	7.71E-4	-3.38E-4	-4.07E-5
	CC11	-0.0588	0.3480	-0.3023	1.55E-3	1.25E-4	4.33E-5
	CC12	-0.0621	0.3932	-0.3293	1.75E-3	1.16E-4	6.76E-5
	CC13	0.0586	-0.3957	0.1590	-1.76E-3	-1.11E-4	-6.98E-5
	CC14	0.0554	-0.3505	0.1319	-1.57E-3	-1.20E-4	-4.55E-5
	CC15	-0.0337	-0.1674	0.0235	-7.87E-4	3.43E-4	3.86E-5
	CC16	-0.0369	-0.1221	-0.0035	-5.93E-4	3.34E-4	6.29E-5
261	CC1	0.0861	-0.2073	0.0729	-1.10E-3	-6.78E-4	-2.66E-4
	CC2	0.0850	-0.1975	0.0652	-1.04E-3	-6.75E-4	-2.54E-4
	CC3	0.0953	-0.3063	0.1561	-1.68E-3	-6.88E-4	-3.29E-4
	CC4	0.0942	-0.2965	0.1484	-1.63E-3	-6.85E-4	-3.17E-4
	CC5	-0.0970	0.2953	-0.3176	1.61E-3	6.97E-4	3.16E-4
	CC6	-0.0980	0.3051	-0.3253	1.67E-3	6.99E-4	3.28E-4
	CC7	-0.0877	0.1963	-0.2345	1.03E-3	6.87E-4	2.54E-4
	CC8	-0.0888	0.2061	-0.2422	1.08E-3	6.89E-4	2.66E-4
	CC9	0.0124	0.0741	-0.1530	4.79E-4	-1.88E-4	-1.78E-6
	CC10	0.0091	0.1040	-0.1764	6.40E-4	-1.80E-4	3.48E-5
	CC11	-0.0425	0.2249	-0.2702	1.29E-3	2.25E-4	1.73E-4
	CC12	-0.0458	0.2547	-0.2935	1.45E-3	2.33E-4	2.10E-4
	CC13	0.0431	-0.2559	0.1243	-1.47E-3	-2.21E-4	-2.10E-4
	CC14	0.0398	-0.2261	0.1009	-1.31E-3	-2.13E-4	-1.73E-4
	CC15	-0.0118	-0.1051	0.0071	-6.54E-4	1.91E-4	-3.51E-5
	CC16	-0.0151	-0.0753	-0.0162	-4.93E-4	1.99E-4	1.51E-6
262	CC1	0.0379	-0.1150	0.0492	-1.12E-3	-4.37E-4	-3.71E-4
	CC2	0.0370	-0.1096	0.0427	-1.07E-3	-4.36E-4	-3.54E-4
	CC3	0.0465	-0.1667	0.1183	-1.67E-3	-4.32E-4	-4.99E-4
	CC4	0.0456	-0.1613	0.1118	-1.62E-3	-4.31E-4	-4.82E-4
	CC5	-0.0472	0.1610	-0.2798	1.62E-3	4.45E-4	4.85E-4
	CC6	-0.0481	0.1664	-0.2863	1.67E-3	4.46E-4	5.02E-4
	CC7	-0.0386	0.1093	-0.2107	1.07E-3	4.50E-4	3.56E-4
	CC8	-0.0395	0.1147	-0.2171	1.12E-3	4.51E-4	3.73E-4
	CC9	-0.0009	0.0365	-0.1401	4.21E-4	-1.35E-4	6.19E-5
	CC10	-0.0037	0.0528	-0.1597	5.84E-4	-1.33E-4	1.13E-4
	CC11	-0.0265	0.1193	-0.2388	1.24E-3	1.29E-4	3.19E-4
	CC12	-0.0292	0.1356	-0.2584	1.41E-3	1.32E-4	3.70E-4
	CC13	0.0276	-0.1359	0.0904	-1.41E-3	-1.18E-4	-3.67E-4
	CC14	0.0249	-0.1195	0.0708	-1.25E-3	-1.15E-4	-3.16E-4
	CC15	0.0021	-0.0531	-0.0083	-5.89E-4	1.46E-4	-1.11E-4
	CC16	-0.0007	-0.0367	-0.0279	-4.26E-4	1.49E-4	-5.91E-5
263	CC1	0.2408	-0.0171	0.0434	2.70E-5	4.14E-4	-1.91E-4
	CC2	0.2376	-0.0140	0.0422	3.69E-5	4.08E-4	-1.83E-4
	CC3	0.2376	-0.2806	0.0267	-1.15E-3	4.09E-4	-1.71E-4
	CC4	0.2344	-0.2775	0.0256	-1.14E-3	4.03E-4	-1.62E-4
	CC5	-0.2362	0.2726	-0.2288	1.10E-3	-3.90E-4	1.65E-4
	CC6	-0.2394	0.2757	-0.2299	1.11E-3	-3.96E-4	1.74E-4
	CC7	-0.2394	0.0091	-0.2454	-7.32E-5	-3.96E-4	1.86E-4
	CC8	-0.2426	0.0122	-0.2466	-6.33E-5	-4.02E-4	1.94E-4
	CC9	0.0808	0.3886	-0.0313	1.76E-3	1.45E-4	-9.93E-5
	CC10	0.0712	0.3980	-0.0348	1.79E-3	1.27E-4	-7.44E-5
	CC11	-0.0623	0.4755	-0.1129	2.09E-3	-9.62E-5	7.79E-6
	CC12	-0.0719	0.4849	-0.1165	2.12E-3	-1.14E-4	3.27E-5
	CC13	0.0701	-0.4898	-0.0867	-2.15E-3	1.27E-4	-2.97E-5
	CC14	0.0605	-0.4804	-0.0903	-2.12E-3	1.09E-4	-4.76E-6
	CC15	-0.0730	-0.4029	-0.1684	-1.83E-3	-1.15E-4	7.74E-5
	CC16	-0.0826	-0.3935	-0.1719	-1.80E-3	-1.33E-4	1.02E-4
264	CC1	0.2409	0.0138	0.0323	1.48E-4	-5.32E-4	-1.92E-4
	CC2	0.2377	0.0156	0.0312	1.53E-4	-5.24E-4	-1.84E-4
	CC3	0.2377	-0.2531	0.0152	-1.05E-3	-5.35E-4	-1.71E-4
	CC4	0.2345	-0.2513	0.0142	-1.04E-3	-5.28E-4	-1.63E-4
	CC5	-0.2361	0.2460	-0.2158	1.01E-3	5.31E-4	1.65E-4
	CC6	-0.2393	0.2478	-0.2169	1.01E-3	5.38E-4	1.73E-4
	CC7	-0.2393	-0.0209	-0.2329	-1.88E-4	5.28E-4	1.86E-4
	CC8	-0.2425	-0.0191	-0.2339	-1.83E-4	5.35E-4	1.94E-4
	CC9	0.0809	0.4046	-0.0336	1.84E-3	-1.64E-4	-9.98E-5
	CC10	0.0713	0.4100	-0.0367	1.85E-3	-1.41E-4	-7.49E-5

	CC11	-0.0622	0.4743	-0.1080	2.10E-3	1.55E-4	7.23E-6
	CC12	-0.0718	0.4797	-0.1111	2.11E-3	1.78E-4	3.21E-5
	CC13	0.0702	-0.4850	-0.0905	-2.15E-3	-1.74E-4	-3.02E-5
	CC14	0.0606	-0.4796	-0.0936	-2.13E-3	-1.52E-4	-5.32E-6
	CC15	-0.0729	-0.4153	-0.1650	-1.89E-3	1.44E-4	7.68E-5
	CC16	-0.0825	-0.4099	-0.1681	-1.87E-3	1.67E-4	1.02E-4
265	CC1	0.0000	0.0000	-0.0195	0.00E+0	0.00E+0	-1.46E-8
	CC2	0.0000	0.0000	-0.0197	0.00E+0	0.00E+0	-1.38E-8
	CC3	0.0000	0.0000	-0.0335	0.00E+0	0.00E+0	-1.81E-8
	CC4	0.0000	0.0000	-0.0337	0.00E+0	0.00E+0	-1.74E-8
	CC5	0.0000	0.0000	-0.1547	0.00E+0	0.00E+0	1.78E-8
	CC6	0.0000	0.0000	-0.1550	0.00E+0	0.00E+0	1.86E-8
	CC7	0.0000	0.0000	-0.1688	0.00E+0	0.00E+0	1.43E-8
	CC8	0.0000	0.0000	-0.1690	0.00E+0	0.00E+0	1.50E-8
	CC9	0.0000	0.0000	-0.0502	0.00E+0	0.00E+0	1.14E-1
	CC10	0.0000	0.0000	-0.0509	0.00E+0	0.00E+0	2.44E-9
	CC11	0.0000	0.0000	-0.0908	0.00E+0	0.00E+0	9.83E-9
	CC12	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	1.22E-8
	CC13	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	-1.17E-8
	CC14	0.0000	0.0000	-0.0977	0.00E+0	0.00E+0	-9.39E-9
	CC15	0.0000	0.0000	-0.1376	0.00E+0	0.00E+0	-2.00E-9
	CC16	0.0000	0.0000	-0.1383	0.00E+0	0.00E+0	3.28E-1
266	CC1	0.0000	0.0000	-0.0323	0.00E+0	0.00E+0	3.47E-8
	CC2	0.0000	0.0000	-0.0324	0.00E+0	0.00E+0	3.31E-8
	CC3	0.0000	0.0000	-0.0464	0.00E+0	0.00E+0	5.01E-8
	CC4	0.0000	0.0000	-0.0465	0.00E+0	0.00E+0	4.85E-8
	CC5	0.0000	0.0000	-0.1426	0.00E+0	0.00E+0	-4.82E-8
	CC6	0.0000	0.0000	-0.1426	0.00E+0	0.00E+0	-4.99E-8
	CC7	0.0000	0.0000	-0.1566	0.00E+0	0.00E+0	-3.28E-8
	CC8	0.0000	0.0000	-0.1567	0.00E+0	0.00E+0	-3.45E-8
	CC9	0.0000	0.0000	-0.0545	0.00E+0	0.00E+0	-1.06E-8
	CC10	0.0000	0.0000	-0.0546	0.00E+0	0.00E+0	-1.56E-8
	CC11	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-3.55E-8
	CC12	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	-4.05E-8
	CC13	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	4.08E-8
	CC14	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	3.57E-8
	CC15	0.0000	0.0000	-0.1344	0.00E+0	0.00E+0	1.59E-8
	CC16	0.0000	0.0000	-0.1346	0.00E+0	0.00E+0	1.08E-8
267	CC1	0.1829	-0.0303	0.0276	-1.33E-4	-8.36E-4	-1.44E-4
	CC2	0.1805	-0.0275	0.0267	-1.17E-4	-8.25E-4	-1.38E-4
	CC3	0.1802	-0.1943	0.0120	-1.19E-3	-8.26E-4	-1.30E-4
	CC4	0.1779	-0.1916	0.0111	-1.18E-3	-8.15E-4	-1.23E-4
	CC5	-0.1787	0.1897	-0.2120	1.16E-3	8.25E-4	1.26E-4
	CC6	-0.1811	0.1924	-0.2129	1.17E-3	8.36E-4	1.33E-4
	CC7	-0.1814	0.0256	-0.2276	9.51E-5	8.35E-4	1.41E-4
	CC8	-0.1837	0.0284	-0.2285	1.11E-4	8.46E-4	1.47E-4
	CC9	0.0619	0.2353	-0.0370	1.54E-3	-2.78E-4	-7.28E-5
	CC10	0.0547	0.2437	-0.0398	1.59E-3	-2.45E-4	-5.40E-5
	CC11	-0.0466	0.3013	-0.1089	1.93E-3	2.20E-4	8.36E-6
	CC12	-0.0538	0.3097	-0.1117	1.98E-3	2.54E-4	2.72E-5
	CC13	0.0530	-0.3116	-0.0892	-2.00E-3	-2.44E-4	-2.43E-5
	CC14	0.0457	-0.3032	-0.0920	-1.95E-3	-2.10E-4	-5.51E-6
	CC15	-0.0555	-0.2456	-0.1611	-1.61E-3	2.55E-4	5.68E-5
	CC16	-0.0627	-0.2372	-0.1639	-1.56E-3	2.88E-4	7.56E-5
268	CC1	0.1040	-0.0173	0.0148	-1.52E-4	-9.31E-4	-9.63E-5
	CC2	0.1026	-0.0158	0.0141	-1.38E-4	-9.19E-4	-9.21E-5
	CC3	0.1024	-0.0979	-0.0003	-9.93E-4	-9.18E-4	-8.69E-5
	CC4	0.1010	-0.0964	-0.0010	-9.79E-4	-9.06E-4	-8.28E-5
	CC5	-0.1012	0.0959	-0.1958	9.69E-4	9.10E-4	8.48E-5
	CC6	-0.1026	0.0973	-0.1965	9.83E-4	9.23E-4	8.89E-5
	CC7	-0.1028	0.0152	-0.2109	1.28E-4	9.24E-4	9.41E-5
	CC8	-0.1042	0.0167	-0.2117	1.43E-4	9.36E-4	9.83E-5
	CC9	0.0354	0.1150	-0.0405	1.21E-3	-3.15E-4	-4.80E-5
	CC10	0.0313	0.1194	-0.0427	1.25E-3	-2.78E-4	-3.55E-5
	CC11	-0.0262	0.1489	-0.1037	1.54E-3	2.37E-4	6.29E-6
	CC12	-0.0303	0.1533	-0.1059	1.59E-3	2.74E-4	1.89E-5
	CC13	0.0300	-0.1539	-0.0909	-1.60E-3	-2.69E-4	-1.69E-5
	CC14	0.0260	-0.1495	-0.0932	-1.55E-3	-2.33E-4	-4.31E-6
	CC15	-0.0315	-0.1199	-0.1541	-1.26E-3	2.83E-4	3.74E-5
	CC16	-0.0356	-0.1155	-0.1563	-1.22E-3	3.20E-4	5.00E-5
269	CC1	0.0320	-0.0053	-0.0004	-1.09E-4	-6.70E-4	-4.78E-5
	CC2	0.0316	-0.0049	-0.0009	-1.00E-4	-6.61E-4	-4.57E-5

	CC3	0.0315	-0.0274	-0.0150	-5.97E-4	-6.59E-4	-4.18E-5
	CC4	0.0311	-0.0270	-0.0155	-5.88E-4	-6.51E-4	-3.98E-5
	CC5	-0.0311	0.0269	-0.1772	5.85E-4	6.52E-4	4.08E-5
	CC6	-0.0315	0.0274	-0.1777	5.94E-4	6.61E-4	4.28E-5
	CC7	-0.0316	0.0048	-0.1918	9.79E-5	6.63E-4	4.67E-5
	CC8	-0.0320	0.0053	-0.1923	1.07E-4	6.72E-4	4.88E-5
	CC9	0.0109	0.0313	-0.0447	6.94E-4	-2.28E-4	-2.58E-5
	CC10	0.0097	0.0326	-0.0463	7.21E-4	-2.02E-4	-1.96E-5
	CC11	-0.0080	0.0410	-0.0978	9.02E-4	1.68E-4	7.78E-7
	CC12	-0.0093	0.0423	-0.0993	9.29E-4	1.95E-4	6.98E-6
	CC13	0.0092	-0.0424	-0.0934	-9.32E-4	-1.93E-4	-5.96E-6
	CC14	0.0080	-0.0411	-0.0949	-9.04E-4	-1.67E-4	2.36E-7
	CC15	-0.0097	-0.0327	-0.1464	-7.23E-4	2.04E-4	2.06E-5
	CC16	-0.0110	-0.0314	-0.1479	-6.96E-4	2.30E-4	2.68E-5
270	CC1	0.1694	0.0164	-0.0336	1.47E-4	-8.46E-4	-1.34E-4
	CC2	0.1672	0.0172	-0.0336	1.50E-4	-8.34E-4	-1.28E-4
	CC3	0.1668	-0.1520	-0.0500	-9.49E-4	-8.36E-4	-1.27E-4
	CC4	0.1646	-0.1512	-0.0501	-9.46E-4	-8.25E-4	-1.21E-4
	CC5	-0.1658	0.1485	-0.1486	9.21E-4	8.29E-4	1.21E-4
	CC6	-0.1680	0.1492	-0.1487	9.25E-4	8.40E-4	1.27E-4
	CC7	-0.1684	-0.0199	-0.1651	-1.75E-4	8.38E-4	1.29E-4
	CC8	-0.1706	-0.0192	-0.1651	-1.71E-4	8.50E-4	1.35E-4
	CC9	0.0574	0.2584	-0.0545	1.69E-3	-2.82E-4	-5.93E-5
	CC10	0.0507	0.2606	-0.0547	1.70E-3	-2.48E-4	-4.18E-5
	CC11	-0.0432	0.2980	-0.0890	1.93E-3	2.20E-4	1.73E-5
	CC12	-0.0498	0.3003	-0.0892	1.94E-3	2.54E-4	3.49E-5
	CC13	0.0486	-0.3030	-0.1095	-1.96E-3	-2.50E-4	-3.46E-5
	CC14	0.0420	-0.3007	-0.1097	-1.95E-3	-2.16E-4	-1.71E-5
	CC15	-0.0519	-0.2634	-0.1440	-1.73E-3	2.53E-4	4.20E-5
	CC16	-0.0586	-0.2611	-0.1442	-1.72E-3	2.86E-4	5.96E-5
271	CC1	0.0980	0.0066	-0.0392	8.42E-5	-7.97E-4	-8.10E-5
	CC2	0.0967	0.0070	-0.0392	8.80E-5	-7.87E-4	-7.74E-5
	CC3	0.0963	-0.0759	-0.0548	-7.79E-4	-7.85E-4	-8.31E-5
	CC4	0.0950	-0.0755	-0.0548	-7.75E-4	-7.75E-4	-7.96E-5
	CC5	-0.0958	0.0744	-0.1408	7.61E-4	7.81E-4	7.96E-5
	CC6	-0.0971	0.0748	-0.1408	7.65E-4	7.91E-4	8.32E-5
	CC7	-0.0975	-0.0081	-0.1564	-1.02E-4	7.93E-4	7.75E-5
	CC8	-0.0988	-0.0077	-0.1564	-9.81E-5	8.03E-4	8.10E-5
	CC9	0.0334	0.1262	-0.0565	1.32E-3	-2.69E-4	-2.59E-5
	CC10	0.0295	0.1275	-0.0565	1.34E-3	-2.38E-4	-1.50E-5
	CC11	-0.0248	0.1466	-0.0870	1.53E-3	2.04E-4	2.23E-5
	CC12	-0.0286	0.1478	-0.0870	1.54E-3	2.36E-4	3.31E-5
	CC13	0.0278	-0.1489	-0.1087	-1.55E-3	-2.29E-4	-3.31E-5
	CC14	0.0239	-0.1477	-0.1086	-1.54E-3	-1.98E-4	-2.22E-5
	CC15	-0.0304	-0.1286	-0.1391	-1.35E-3	2.44E-4	1.51E-5
	CC16	-0.0342	-0.1273	-0.1391	-1.34E-3	2.75E-4	2.59E-5
272	CC1	0.0341	0.0015	-0.0440	3.66E-5	-6.48E-4	-3.61E-5
	CC2	0.0337	0.0016	-0.0439	3.92E-5	-6.40E-4	-3.45E-5
	CC3	0.0334	-0.0210	-0.0587	-4.62E-4	-6.37E-4	-4.06E-5
	CC4	0.0330	-0.0209	-0.0586	-4.60E-4	-6.28E-4	-3.90E-5
	CC5	-0.0333	0.0207	-0.1338	4.54E-4	6.35E-4	3.90E-5
	CC6	-0.0338	0.0208	-0.1337	4.56E-4	6.43E-4	4.06E-5
	CC7	-0.0340	-0.0019	-0.1486	-4.51E-5	6.46E-4	3.45E-5
	CC8	-0.0344	-0.0018	-0.1485	-4.25E-5	6.55E-4	3.61E-5
	CC9	0.0117	0.0344	-0.0582	7.62E-4	-2.21E-4	-6.32E-6
	CC10	0.0104	0.0348	-0.0579	7.70E-4	-1.96E-4	-1.41E-6
	CC11	-0.0085	0.0401	-0.0852	8.87E-4	1.63E-4	1.62E-5
	CC12	-0.0099	0.0405	-0.0849	8.95E-4	1.89E-4	2.11E-5
	CC13	0.0096	-0.0407	-0.1075	-9.01E-4	-1.82E-4	-2.11E-5
	CC14	0.0082	-0.0404	-0.1072	-8.93E-4	-1.57E-4	-1.62E-5
	CC15	-0.0107	-0.0350	-0.1345	-7.76E-4	2.03E-4	1.41E-6
	CC16	-0.0120	-0.0346	-0.1342	-7.68E-4	2.28E-4	6.32E-6
273	CC1	0.2411	0.0497	-0.0685	3.12E-4	-3.81E-4	-1.95E-4
	CC2	0.2379	0.0499	-0.0681	3.10E-4	-3.76E-4	-1.87E-4
	CC3	0.2379	-0.2211	-0.0854	-9.24E-4	-3.86E-4	-1.74E-4
	CC4	0.2347	-0.2209	-0.0850	-9.25E-4	-3.81E-4	-1.66E-4
	CC5	-0.2358	0.2156	-0.1174	8.92E-4	3.70E-4	1.62E-4
	CC6	-0.2390	0.2158	-0.1170	8.90E-4	3.75E-4	1.70E-4
	CC7	-0.2390	-0.0552	-0.1344	-3.44E-4	3.65E-4	1.83E-4
	CC8	-0.2422	-0.0550	-0.1339	-3.45E-4	3.70E-4	1.91E-4
	CC9	0.0811	0.4234	-0.0663	1.96E-3	-1.17E-4	-1.03E-4
	CC10	0.0715	0.4242	-0.0650	1.95E-3	-1.02E-4	-7.77E-5

	CC11	-0.0619	0.4732	-0.0810	2.13E-3	1.08E-4	4.49E-6
	CC12	-0.0715	0.4739	-0.0797	2.13E-3	1.24E-4	2.94E-5
	CC13	0.0704	-0.4792	-0.1228	-2.16E-3	-1.35E-4	-3.30E-5
	CC14	0.0609	-0.4785	-0.1214	-2.17E-3	-1.19E-4	-8.06E-6
	CC15	-0.0726	-0.4295	-0.1374	-1.99E-3	9.05E-5	7.41E-5
	CC16	-0.0822	-0.4287	-0.1361	-1.99E-3	1.06E-4	9.90E-5
274	CC1	0.2412	0.0672	-0.1246	3.94E-4	-4.75E-4	-1.96E-4
	CC2	0.2380	0.0667	-0.1237	3.89E-4	-4.68E-4	-1.87E-4
	CC3	0.2380	-0.2055	-0.1412	-8.60E-4	-4.79E-4	-1.75E-4
	CC4	0.2348	-0.2060	-0.1402	-8.65E-4	-4.72E-4	-1.66E-4
	CC5	-0.2356	0.2011	-0.0629	8.34E-4	4.67E-4	1.61E-4
	CC6	-0.2388	0.2006	-0.0619	8.29E-4	4.73E-4	1.70E-4
	CC7	-0.2388	-0.0716	-0.0794	-4.21E-4	4.63E-4	1.82E-4
	CC8	-0.2420	-0.0721	-0.0784	-4.26E-4	4.69E-4	1.90E-4
	CC9	0.0812	0.4327	-0.0847	2.02E-3	-1.47E-4	-1.03E-4
	CC10	0.0717	0.4312	-0.0817	2.00E-3	-1.27E-4	-7.84E-5
	CC11	-0.0618	0.4729	-0.0662	2.15E-3	1.35E-4	3.71E-6
	CC12	-0.0714	0.4714	-0.0632	2.13E-3	1.55E-4	2.86E-5
	CC13	0.0706	-0.4763	-0.1399	-2.17E-3	-1.60E-4	-3.37E-5
	CC14	0.0610	-0.4778	-0.1369	-2.18E-3	-1.40E-4	-8.84E-6
	CC15	-0.0725	-0.4361	-0.1214	-2.03E-3	1.22E-4	7.33E-5
	CC16	-0.0820	-0.4376	-0.1184	-2.05E-3	1.42E-4	9.82E-5
275	CC1	0.2413	0.1868	-0.1634	4.69E-4	-4.57E-4	-1.95E-4
	CC2	0.2382	0.1856	-0.1618	4.61E-4	-4.51E-4	-1.87E-4
	CC3	0.2381	-0.0878	-0.1795	-7.95E-4	-4.62E-4	-1.74E-4
	CC4	0.2350	-0.0890	-0.1779	-8.03E-4	-4.55E-4	-1.66E-4
	CC5	-0.2354	0.0846	-0.0255	7.71E-4	4.54E-4	1.62E-4
	CC6	-0.2386	0.0834	-0.0239	7.63E-4	4.60E-4	1.70E-4
	CC7	-0.2386	-0.1900	-0.0416	-4.94E-4	4.49E-4	1.82E-4
	CC8	-0.2418	-0.1912	-0.0401	-5.02E-4	4.56E-4	1.91E-4
	CC9	0.0814	0.4726	-0.0978	2.06E-3	-1.40E-4	-1.03E-4
	CC10	0.0718	0.4689	-0.0931	2.03E-3	-1.21E-4	-7.83E-5
	CC11	-0.0617	0.4420	-0.0565	2.15E-3	1.33E-4	3.89E-6
	CC12	-0.0712	0.4382	-0.0517	2.12E-3	1.52E-4	2.88E-5
	CC13	0.0707	-0.4426	-0.1517	-2.16E-3	-1.54E-4	-3.36E-5
	CC14	0.0612	-0.4464	-0.1469	-2.18E-3	-1.35E-4	-8.66E-6
	CC15	-0.0723	-0.4733	-0.1104	-2.07E-3	1.19E-4	7.35E-5
	CC16	-0.0818	-0.4771	-0.1056	-2.09E-3	1.38E-4	9.84E-5
276	CC1	0.0000	0.0000	-0.0612	0.00E+0	0.00E+0	6.06E-8
	CC2	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	5.78E-8
	CC3	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	7.68E-8
	CC4	0.0000	0.0000	-0.0747	0.00E+0	0.00E+0	7.40E-8
	CC5	0.0000	0.0000	-0.1145	0.00E+0	0.00E+0	-7.38E-8
	CC6	0.0000	0.0000	-0.1141	0.00E+0	0.00E+0	-7.65E-8
	CC7	0.0000	0.0000	-0.1283	0.00E+0	0.00E+0	-5.76E-8
	CC8	0.0000	0.0000	-0.1280	0.00E+0	0.00E+0	-6.04E-8
	CC9	0.0000	0.0000	-0.0640	0.00E+0	0.00E+0	-2.42E-9
	CC10	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	-1.08E-8
	CC11	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	-4.27E-8
	CC12	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	-5.12E-8
	CC13	0.0000	0.0000	-0.1103	0.00E+0	0.00E+0	5.14E-8
	CC14	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	4.29E-8
	CC15	0.0000	0.0000	-0.1262	0.00E+0	0.00E+0	1.11E-8
	CC16	0.0000	0.0000	-0.1252	0.00E+0	0.00E+0	2.63E-9
277	CC1	0.0000	0.0000	-0.0657	0.00E+0	0.00E+0	-4.55E-8
	CC2	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	-4.34E-8
	CC3	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	-5.36E-8
	CC4	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	-5.15E-8
	CC5	0.0000	0.0000	-0.1102	0.00E+0	0.00E+0	5.07E-8
	CC6	0.0000	0.0000	-0.1097	0.00E+0	0.00E+0	5.27E-8
	CC7	0.0000	0.0000	-0.1240	0.00E+0	0.00E+0	4.26E-8
	CC8	0.0000	0.0000	-0.1234	0.00E+0	0.00E+0	4.46E-8
	CC9	0.0000	0.0000	-0.0658	0.00E+0	0.00E+0	-4.43E-9
	CC10	0.0000	0.0000	-0.0642	0.00E+0	0.00E+0	1.73E-9
	CC11	0.0000	0.0000	-0.0792	0.00E+0	0.00E+0	2.44E-8
	CC12	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	3.06E-8
	CC13	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	-3.14E-8
	CC14	0.0000	0.0000	-0.1100	0.00E+0	0.00E+0	-2.53E-8
	CC15	0.0000	0.0000	-0.1250	0.00E+0	0.00E+0	-2.57E-9
	CC16	0.0000	0.0000	-0.1233	0.00E+0	0.00E+0	3.59E-9
278	CC1	0.0000	0.0000	-0.1117	0.00E+0	0.00E+0	1.10E-7
	CC2	0.0000	0.0000	-0.1110	0.00E+0	0.00E+0	1.06E-7

	CC3	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	1.28E-7
	CC4	0.0000	0.0000	-0.1246	0.00E+0	0.00E+0	1.23E-7
	CC5	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	-1.21E-7
	CC6	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	-1.26E-7
	CC7	0.0000	0.0000	-0.0780	0.00E+0	0.00E+0	-1.03E-7
	CC8	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	-1.08E-7
	CC9	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.36E-8
	CC10	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	-1.19E-9
	CC11	0.0000	0.0000	-0.0659	0.00E+0	0.00E+0	-5.58E-8
	CC12	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	-7.06E-8
	CC13	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	7.30E-8
	CC14	0.0000	0.0000	-0.1231	0.00E+0	0.00E+0	5.81E-8
	CC15	0.0000	0.0000	-0.1111	0.00E+0	0.00E+0	3.57E-9
	CC16	0.0000	0.0000	-0.1089	0.00E+0	0.00E+0	-1.13E-8
279	CC1	0.1690	0.1114	-0.1931	6.91E-4	-8.42E-4	-1.40E-4
	CC2	0.1669	0.1103	-0.1911	6.83E-4	-8.31E-4	-1.34E-4
	CC3	0.1666	-0.0605	-0.2081	-4.41E-4	-8.32E-4	-1.30E-4
	CC4	0.1644	-0.0616	-0.2061	-4.49E-4	-8.21E-4	-1.25E-4
	CC5	-0.1647	0.0600	0.0060	4.29E-4	8.25E-4	1.22E-4
	CC6	-0.1669	0.0589	0.0080	4.20E-4	8.36E-4	1.28E-4
	CC7	-0.1672	-0.1119	-0.0090	-7.03E-4	8.35E-4	1.32E-4
	CC8	-0.1694	-0.1131	-0.0070	-7.12E-4	8.46E-4	1.38E-4
	CC9	0.0573	0.2952	-0.1079	1.93E-3	-2.83E-4	-6.55E-5
	CC10	0.0507	0.2917	-0.1018	1.90E-3	-2.49E-4	-4.75E-5
	CC11	-0.0428	0.2797	-0.0482	1.85E-3	2.18E-4	1.31E-5
	CC12	-0.0494	0.2762	-0.0421	1.82E-3	2.51E-4	3.12E-5
	CC13	0.0491	-0.2779	-0.1580	-1.84E-3	-2.47E-4	-3.37E-5
	CC14	0.0424	-0.2813	-0.1519	-1.87E-3	-2.13E-4	-1.56E-5
	CC15	-0.0511	-0.2933	-0.0983	-1.92E-3	2.53E-4	4.49E-5
	CC16	-0.0577	-0.2968	-0.0922	-1.95E-3	2.87E-4	6.30E-5
280	CC1	0.0967	0.0558	-0.1689	5.71E-4	-8.06E-4	-8.86E-5
	CC2	0.0954	0.0553	-0.1672	5.65E-4	-7.96E-4	-8.48E-5
	CC3	0.0952	-0.0279	-0.1833	-3.10E-4	-7.94E-4	-8.71E-5
	CC4	0.0940	-0.0284	-0.1816	-3.16E-4	-7.84E-4	-8.33E-5
	CC5	-0.0939	0.0280	-0.0147	3.08E-4	7.88E-4	8.15E-5
	CC6	-0.0952	0.0275	-0.0131	3.02E-4	7.99E-4	8.53E-5
	CC7	-0.0954	-0.0557	-0.0292	-5.74E-4	8.00E-4	8.29E-5
	CC8	-0.0967	-0.0562	-0.0275	-5.79E-4	8.11E-4	8.67E-5
	CC9	0.0330	0.1443	-0.0998	1.51E-3	-2.73E-4	-3.46E-5
	CC10	0.0292	0.1427	-0.0947	1.50E-3	-2.41E-4	-2.31E-5
	CC11	-0.0242	0.1360	-0.0536	1.43E-3	2.05E-4	1.64E-5
	CC12	-0.0280	0.1344	-0.0485	1.42E-3	2.37E-4	2.79E-5
	CC13	0.0280	-0.1348	-0.1479	-1.42E-3	-2.33E-4	-2.97E-5
	CC14	0.0242	-0.1364	-0.1428	-1.44E-3	-2.01E-4	-1.82E-5
	CC15	-0.0292	-0.1431	-0.1016	-1.50E-3	2.45E-4	2.13E-5
	CC16	-0.0329	-0.1447	-0.0966	-1.52E-3	2.77E-4	3.28E-5
281	CC1	0.0325	0.0155	-0.1408	3.40E-4	-6.26E-4	-4.17E-5
	CC2	0.0321	0.0153	-0.1395	3.36E-4	-6.18E-4	-3.99E-5
	CC3	0.0320	-0.0073	-0.1546	-1.65E-4	-6.17E-4	-4.38E-5
	CC4	0.0316	-0.0074	-0.1533	-1.68E-4	-6.09E-4	-4.20E-5
	CC5	-0.0314	0.0074	-0.0392	1.66E-4	6.08E-4	4.11E-5
	CC6	-0.0319	0.0072	-0.0380	1.63E-4	6.16E-4	4.29E-5
	CC7	-0.0319	-0.0154	-0.0531	-3.38E-4	6.18E-4	3.89E-5
	CC8	-0.0324	-0.0155	-0.0518	-3.41E-4	6.26E-4	4.07E-5
	CC9	0.0111	0.0393	-0.0904	8.70E-4	-2.14E-4	-1.21E-5
	CC10	0.0099	0.0389	-0.0864	8.61E-4	-1.90E-4	-6.58E-6
	CC11	-0.0080	0.0369	-0.0599	8.18E-4	1.56E-4	1.28E-5
	CC12	-0.0093	0.0365	-0.0560	8.09E-4	1.81E-4	1.82E-5
	CC13	0.0094	-0.0365	-0.1366	-8.10E-4	-1.81E-4	-1.92E-5
	CC14	0.0082	-0.0369	-0.1327	-8.20E-4	-1.57E-4	-1.37E-5
	CC15	-0.0097	-0.0389	-0.1061	-8.62E-4	1.90E-4	5.65E-6
	CC16	-0.0110	-0.0393	-0.1022	-8.72E-4	2.14E-4	1.11E-5
282	CC1	0.2123	0.0309	0.0292	1.32E-4	-8.27E-4	-1.92E-4
	CC2	0.2122	0.0319	0.0306	1.31E-4	-8.27E-4	-1.84E-4
	CC3	0.2188	-0.2379	-0.0142	-5.57E-4	-8.19E-4	-1.71E-4
	CC4	0.2187	-0.2368	-0.0127	-5.58E-4	-8.18E-4	-1.63E-4
	CC5	-0.2206	0.2316	-0.1709	5.30E-4	8.23E-4	1.65E-4
	CC6	-0.2207	0.2326	-0.1694	5.29E-4	8.24E-4	1.73E-4
	CC7	-0.2140	-0.0372	-0.2142	-1.59E-4	8.32E-4	1.86E-4
	CC8	-0.2142	-0.0361	-0.2128	-1.60E-4	8.33E-4	1.94E-4
	CC9	0.0533	0.4136	0.0083	1.08E-3	-2.61E-4	-9.96E-5
	CC10	0.0529	0.4168	0.0128	1.07E-3	-2.59E-4	-7.47E-5

	CC11	-0.0765	0.4738	-0.0517	1.20E-3	2.34E-4	7.48E-6
	CC12	-0.0770	0.4770	-0.0472	1.19E-3	2.37E-4	3.24E-5
	CC13	0.0751	-0.4822	-0.1364	-1.22E-3	-2.31E-4	-3.00E-5
	CC14	0.0746	-0.4790	-0.1319	-1.22E-3	-2.29E-4	-5.07E-6
	CC15	-0.0548	-0.4220	-0.1964	-1.10E-3	2.64E-4	7.71E-5
	CC16	-0.0552	-0.4188	-0.1919	-1.10E-3	2.66E-4	1.02E-4
<b>283</b>	CC1	0.2074	0.0296	0.0166	1.69E-4	-8.43E-4	-1.90E-4
	CC2	0.2079	0.0307	0.0181	1.69E-4	-8.45E-4	-1.82E-4
	CC3	0.2154	-0.2390	0.0371	-6.28E-4	-8.63E-4	-1.69E-4
	CC4	0.2159	-0.2379	0.0386	-6.29E-4	-8.65E-4	-1.61E-4
	CC5	-0.2175	0.2329	-0.2198	5.98E-4	8.68E-4	1.67E-4
	CC6	-0.2170	0.2340	-0.2183	5.97E-4	8.66E-4	1.75E-4
	CC7	-0.2095	-0.0357	-0.1993	-2.00E-4	8.48E-4	1.88E-4
	CC8	-0.2090	-0.0346	-0.1978	-2.00E-4	8.46E-4	1.96E-4
	CC9	0.0488	0.4130	-0.0916	1.25E-3	-2.19E-4	-9.77E-5
	CC10	0.0504	0.4164	-0.0870	1.25E-3	-2.25E-4	-7.28E-5
	CC11	-0.0787	0.4740	-0.1626	1.38E-3	2.95E-4	9.32E-6
	CC12	-0.0771	0.4774	-0.1579	1.38E-3	2.89E-4	3.42E-5
	CC13	0.0755	-0.4823	-0.0233	-1.41E-3	-2.86E-4	-2.81E-5
	CC14	0.0771	-0.4789	-0.0187	-1.41E-3	-2.92E-4	-3.23E-6
	CC15	-0.0519	-0.4213	-0.0942	-1.28E-3	2.28E-4	7.89E-5
	CC16	-0.0504	-0.4179	-0.0896	-1.28E-3	2.22E-4	1.04E-4
<b>284</b>	CC1	0.2029	0.0283	0.0093	7.01E-5	-8.11E-4	-1.90E-4
	CC2	0.2041	0.0294	0.0109	6.88E-5	-8.15E-4	-1.82E-4
	CC3	0.2124	-0.2402	0.0923	-6.67E-4	-8.45E-4	-1.69E-4
	CC4	0.2136	-0.2390	0.0939	-6.69E-4	-8.49E-4	-1.61E-4
	CC5	-0.2147	0.2343	-0.2727	6.38E-4	8.48E-4	1.67E-4
	CC6	-0.2135	0.2354	-0.2710	6.36E-4	8.43E-4	1.75E-4
	CC7	-0.2052	-0.0342	-0.1897	-9.99E-5	8.14E-4	1.87E-4
	CC8	-0.2040	-0.0330	-0.1880	-1.01E-4	8.09E-4	1.96E-4
	CC9	0.0444	0.4123	-0.1879	1.13E-3	-1.86E-4	-9.82E-5
	CC10	0.0480	0.4159	-0.1829	1.13E-3	-2.00E-4	-7.33E-5
	CC11	-0.0808	0.4741	-0.2725	1.30E-3	3.12E-4	8.89E-6
	CC12	-0.0773	0.4777	-0.2675	1.30E-3	2.98E-4	3.38E-5
	CC13	0.0762	-0.4824	0.0888	-1.33E-3	-2.99E-4	-2.86E-5
	CC14	0.0797	-0.4789	0.0937	-1.33E-3	-3.14E-4	-3.66E-6
	CC15	-0.0491	-0.4206	0.0042	-1.16E-3	1.98E-4	7.85E-5
	CC16	-0.0456	-0.4171	0.0091	-1.16E-3	1.84E-4	1.03E-4
<b>285</b>	CC1	0.0000	0.0000	-0.0357	0.00E+0	0.00E+0	9.28E-8
	CC2	0.0000	0.0000	-0.0348	0.00E+0	0.00E+0	8.87E-8
	CC3	0.0000	0.0000	-0.0261	0.00E+0	0.00E+0	1.02E-7
	CC4	0.0000	0.0000	-0.0252	0.00E+0	0.00E+0	9.80E-8
	CC5	0.0000	0.0000	-0.1457	0.00E+0	0.00E+0	-1.00E-7
	CC6	0.0000	0.0000	-0.1447	0.00E+0	0.00E+0	-1.04E-7
	CC7	0.0000	0.0000	-0.1360	0.00E+0	0.00E+0	-9.06E-8
	CC8	0.0000	0.0000	-0.1351	0.00E+0	0.00E+0	-9.47E-8
	CC9	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	1.85E-8
	CC10	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	6.08E-9
	CC11	0.0000	0.0000	-0.1194	0.00E+0	0.00E+0	-3.93E-8
	CC12	0.0000	0.0000	-0.1166	0.00E+0	0.00E+0	-5.18E-8
	CC13	0.0000	0.0000	-0.0543	0.00E+0	0.00E+0	4.98E-8
	CC14	0.0000	0.0000	-0.0515	0.00E+0	0.00E+0	3.73E-8
	CC15	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	-8.04E-9
	CC16	0.0000	0.0000	-0.0845	0.00E+0	0.00E+0	-2.05E-8
<b>286</b>	CC1	0.0000	0.0000	-0.0390	0.00E+0	0.00E+0	-2.56E-8
	CC2	0.0000	0.0000	-0.0381	0.00E+0	0.00E+0	-2.45E-8
	CC3	0.0000	0.0000	-0.0243	0.00E+0	0.00E+0	-2.70E-8
	CC4	0.0000	0.0000	-0.0234	0.00E+0	0.00E+0	-2.59E-8
	CC5	0.0000	0.0000	-0.1472	0.00E+0	0.00E+0	2.65E-8
	CC6	0.0000	0.0000	-0.1463	0.00E+0	0.00E+0	2.76E-8
	CC7	0.0000	0.0000	-0.1325	0.00E+0	0.00E+0	2.51E-8
	CC8	0.0000	0.0000	-0.1316	0.00E+0	0.00E+0	2.62E-8
	CC9	0.0000	0.0000	-0.0949	0.00E+0	0.00E+0	-6.96E-9
	CC10	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	-3.55E-9
	CC11	0.0000	0.0000	-0.1273	0.00E+0	0.00E+0	8.67E-9
	CC12	0.0000	0.0000	-0.1246	0.00E+0	0.00E+0	1.21E-8
	CC13	0.0000	0.0000	-0.0460	0.00E+0	0.00E+0	-1.15E-8
	CC14	0.0000	0.0000	-0.0433	0.00E+0	0.00E+0	-8.07E-9
	CC15	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	4.15E-9
	CC16	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	7.56E-9
<b>287</b>	CC1	0.0000	0.0000	-0.0427	0.00E+0	0.00E+0	1.15E-8
	CC2	0.0000	0.0000	-0.0418	0.00E+0	0.00E+0	1.13E-8

	CC3	0.0000	0.0000	-0.0230	0.00E+0	0.00E+0	1.13E-8
	CC4	0.0000	0.0000	-0.0221	0.00E+0	0.00E+0	1.11E-8
	CC5	0.0000	0.0000	-0.1483	0.00E+0	0.00E+0	-1.17E-8
	CC6	0.0000	0.0000	-0.1474	0.00E+0	0.00E+0	-1.19E-8
	CC7	0.0000	0.0000	-0.1286	0.00E+0	0.00E+0	-1.19E-8
	CC8	0.0000	0.0000	-0.1277	0.00E+0	0.00E+0	-1.21E-8
	CC9	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	3.77E-9
	CC10	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	3.21E-9
	CC11	0.0000	0.0000	-0.1352	0.00E+0	0.00E+0	-3.18E-9
	CC12	0.0000	0.0000	-0.1325	0.00E+0	0.00E+0	-3.74E-9
	CC13	0.0000	0.0000	-0.0379	0.00E+0	0.00E+0	3.17E-9
	CC14	0.0000	0.0000	-0.0352	0.00E+0	0.00E+0	2.61E-9
	CC15	0.0000	0.0000	-0.0696	0.00E+0	0.00E+0	-3.79E-9
	CC16	0.0000	0.0000	-0.0669	0.00E+0	0.00E+0	-4.35E-9
<b>288</b>	CC1	0.1499	0.0152	0.0281	1.50E-4	-8.42E-4	-1.42E-4
	CC2	0.1494	0.0160	0.0295	1.52E-4	-8.38E-4	-1.36E-4
	CC3	0.1521	-0.1631	-0.0549	-8.40E-4	-8.58E-4	-1.28E-4
	CC4	0.1515	-0.1623	-0.0535	-8.37E-4	-8.55E-4	-1.22E-4
	CC5	-0.1529	0.1588	-0.1287	8.17E-4	8.64E-4	1.24E-4
	CC6	-0.1534	0.1596	-0.1274	8.20E-4	8.67E-4	1.30E-4
	CC7	-0.1507	-0.0195	-0.2117	-1.73E-4	8.47E-4	1.39E-4
	CC8	-0.1512	-0.0186	-0.2104	-1.70E-4	8.50E-4	1.45E-4
	CC9	0.0419	0.2725	0.0687	1.53E-3	-2.29E-4	-7.26E-5
	CC10	0.0403	0.2751	0.0728	1.54E-3	-2.19E-4	-5.41E-5
	CC11	-0.0490	0.3156	0.0216	1.73E-3	2.83E-4	7.37E-6
	CC12	-0.0505	0.3182	0.0257	1.74E-3	2.93E-4	2.59E-5
	CC13	0.0491	-0.3216	-0.2080	-1.76E-3	-2.84E-4	-2.34E-5
	CC14	0.0476	-0.3191	-0.2039	-1.76E-3	-2.74E-4	-4.86E-6
	CC15	-0.0417	-0.2785	-0.2550	-1.56E-3	2.28E-4	5.66E-5
	CC16	-0.0432	-0.2760	-0.2509	-1.55E-3	2.37E-4	7.51E-5
<b>289</b>	CC1	0.0785	0.0903	0.0094	8.26E-5	-7.78E-4	-9.38E-5
	CC2	0.0783	0.0908	0.0107	8.63E-5	-7.75E-4	-8.98E-5
	CC3	0.0795	-0.0075	-0.0474	-7.78E-4	-7.72E-4	-8.64E-5
	CC4	0.0793	-0.0070	-0.0462	-7.75E-4	-7.69E-4	-8.24E-5
	CC5	-0.0800	0.0050	-0.1325	7.58E-4	7.77E-4	8.46E-5
	CC6	-0.0802	0.0056	-0.1313	7.62E-4	7.80E-4	8.86E-5
	CC7	-0.0789	-0.0927	-0.1893	-1.03E-4	7.83E-4	9.20E-5
	CC8	-0.0792	-0.0922	-0.1881	-9.88E-5	7.86E-4	9.60E-5
	CC9	0.0221	0.1740	0.0248	1.32E-3	-2.44E-4	-4.41E-5
	CC10	0.0213	0.1756	0.0286	1.33E-3	-2.36E-4	-3.19E-5
	CC11	-0.0254	0.1484	-0.0178	1.52E-3	2.23E-4	9.43E-6
	CC12	-0.0262	0.1500	-0.0140	1.53E-3	2.31E-4	2.17E-5
	CC13	0.0255	-0.1519	-0.1647	-1.55E-3	-2.23E-4	-1.95E-5
	CC14	0.0248	-0.1503	-0.1609	-1.54E-3	-2.15E-4	-7.25E-6
	CC15	-0.0220	-0.1775	-0.2072	-1.35E-3	2.44E-4	3.40E-5
	CC16	-0.0228	-0.1759	-0.2035	-1.34E-3	2.51E-4	4.63E-5
<b>290</b>	CC1	0.0224	0.0304	-0.0109	5.90E-4	-4.93E-4	-4.65E-5
	CC2	0.0224	0.0306	-0.0098	5.94E-4	-4.92E-4	-4.45E-5
	CC3	0.0229	-0.0014	-0.0388	-3.97E-5	-4.88E-4	-4.56E-5
	CC4	0.0229	-0.0012	-0.0377	-3.61E-5	-4.86E-4	-4.36E-5
	CC5	-0.0230	0.0006	-0.1373	2.36E-5	4.91E-4	4.47E-5
	CC6	-0.0231	0.0008	-0.1362	2.72E-5	4.93E-4	4.67E-5
	CC7	-0.0225	-0.0313	-0.1652	-6.07E-4	4.97E-4	4.55E-5
	CC8	-0.0226	-0.0311	-0.1641	-6.03E-4	4.98E-4	4.75E-5
	CC9	0.0060	0.0569	-0.0237	1.12E-3	-1.57E-4	-1.75E-5
	CC10	0.0058	0.0576	-0.0203	1.13E-3	-1.52E-4	-1.14E-5
	CC11	-0.0076	0.0480	-0.0616	9.53E-4	1.38E-4	9.81E-6
	CC12	-0.0078	0.0486	-0.0583	9.64E-4	1.43E-4	1.59E-5
	CC13	0.0077	-0.0493	-0.1167	-9.77E-4	-1.38E-4	-1.48E-5
	CC14	0.0074	-0.0486	-0.1134	-9.66E-4	-1.34E-4	-8.73E-6
	CC15	-0.0060	-0.0582	-0.1546	-1.15E-3	1.57E-4	1.25E-5
	CC16	-0.0062	-0.0576	-0.1513	-1.14E-3	1.62E-4	1.86E-5
<b>291</b>	CC1	0.1451	0.0144	-0.0007	9.03E-5	-5.98E-4	-1.11E-4
	CC2	0.1464	0.0154	0.0009	9.55E-5	-6.04E-4	-1.06E-4
	CC3	0.1504	-0.1657	0.1192	-9.57E-4	-6.68E-4	-1.52E-4
	CC4	0.1517	-0.1648	0.1208	-9.52E-4	-6.74E-4	-1.47E-4
	CC5	-0.1528	0.1626	-0.2958	9.29E-4	6.74E-4	1.47E-4
	CC6	-0.1515	0.1635	-0.2942	9.34E-4	6.68E-4	1.52E-4
	CC7	-0.1475	-0.0176	-0.1759	-1.18E-4	6.04E-4	1.06E-4
	CC8	-0.1462	-0.0166	-0.1743	-1.13E-4	5.98E-4	1.12E-4
	CC9	0.0333	0.2755	-0.2454	1.60E-3	-6.60E-5	2.18E-5
	CC10	0.0373	0.2784	-0.2406	1.62E-3	-8.34E-5	3.76E-5

	CC11	-0.0561	0.3200	-0.3339	1.85E-3	3.16E-4	9.93E-5
	CC12	-0.0520	0.3228	-0.3291	1.87E-3	2.98E-4	1.15E-4
	CC13	0.0509	-0.3250	0.1541	-1.89E-3	-2.99E-4	-1.15E-4
	CC14	0.0550	-0.3221	0.1589	-1.87E-3	-3.16E-4	-9.89E-5
	CC15	-0.0385	-0.2806	0.0656	-1.64E-3	8.31E-5	-3.71E-5
	CC16	-0.0344	-0.2777	0.0704	-1.62E-3	6.57E-5	-2.14E-5
292	CC1	0.0939	0.0060	-0.0103	9.13E-5	-4.93E-4	1.63E-4
	CC2	0.0948	0.0067	-0.0089	9.39E-5	-4.97E-4	1.66E-4
	CC3	0.0949	-0.0978	0.0818	-6.29E-4	-5.25E-4	6.51E-5
	CC4	0.0958	-0.0972	0.0831	-6.26E-4	-5.29E-4	6.86E-5
	CC5	-0.0969	0.0966	-0.2569	6.12E-4	5.27E-4	-6.90E-5
	CC6	-0.0961	0.0972	-0.2555	6.14E-4	5.23E-4	-6.55E-5
	CC7	-0.0959	-0.0073	-0.1648	-1.08E-4	4.95E-4	-1.67E-4
	CC8	-0.0951	-0.0067	-0.1634	-1.06E-4	4.91E-4	-1.63E-4
	CC9	0.0250	0.1583	-0.2054	1.11E-3	-9.51E-5	1.92E-4
	CC10	0.0277	0.1601	-0.2013	1.12E-3	-1.07E-4	2.03E-4
	CC11	-0.0322	0.1855	-0.2794	1.27E-3	2.11E-4	1.22E-4
	CC12	-0.0295	0.1873	-0.2752	1.27E-3	1.98E-4	1.33E-4
	CC13	0.0284	-0.1879	0.1015	-1.29E-3	-2.01E-4	-1.33E-4
	CC14	0.0310	-0.1861	0.1056	-1.28E-3	-2.13E-4	-1.23E-4
	CC15	-0.0289	-0.1608	0.0275	-1.13E-3	1.05E-4	-2.03E-4
	CC16	-0.0262	-0.1589	0.0317	-1.13E-3	9.29E-5	-1.92E-4
293	CC1	0.0430	0.0399	-0.0249	7.45E-4	-8.08E-4	2.01E-4
	CC2	0.0434	0.0402	-0.0237	7.50E-4	-8.15E-4	2.04E-4
	CC3	0.0422	-0.0013	0.0362	-3.42E-5	-7.93E-4	5.62E-5
	CC4	0.0427	-0.0010	0.0373	-2.92E-5	-8.01E-4	5.88E-5
	CC5	-0.0435	0.0011	-0.2095	2.84E-5	8.14E-4	-5.87E-5
	CC6	-0.0431	0.0014	-0.2084	3.35E-5	8.07E-4	-5.61E-5
	CC7	-0.0442	-0.0401	-0.1485	-7.51E-4	8.29E-4	-2.04E-4
	CC8	-0.0438	-0.0398	-0.1473	-7.46E-4	8.21E-4	-2.01E-4
	CC9	0.0132	0.0742	-0.1619	1.40E-3	-2.49E-4	2.77E-4
	CC10	0.0145	0.0750	-0.1584	1.41E-3	-2.72E-4	2.85E-4
	CC11	-0.0127	0.0625	-0.2173	1.18E-3	2.37E-4	1.99E-4
	CC12	-0.0115	0.0634	-0.2138	1.20E-3	2.14E-4	2.07E-4
	CC13	0.0107	-0.0633	0.0416	-1.20E-3	-2.00E-4	-2.07E-4
	CC14	0.0119	-0.0624	0.0451	-1.18E-3	-2.24E-4	-1.99E-4
	CC15	-0.0153	-0.0749	-0.0138	-1.41E-3	2.86E-4	-2.85E-4
	CC16	-0.0140	-0.0741	-0.0103	-1.40E-3	2.63E-4	-2.77E-4
294	CC1	0.2029	0.1759	-0.1560	5.13E-4	-7.17E-4	-1.90E-4
	CC2	0.2042	0.1712	-0.1559	5.12E-4	-7.20E-4	-1.81E-4
	CC3	0.2127	-0.1075	-0.1175	2.36E-4	-7.30E-4	-1.69E-4
	CC4	0.2140	-0.1122	-0.1174	2.34E-4	-7.33E-4	-1.61E-4
	CC5	-0.2135	0.1097	-0.0612	-2.15E-4	7.31E-4	1.67E-4
	CC6	-0.2122	0.1050	-0.0611	-2.17E-4	7.28E-4	1.75E-4
	CC7	-0.2037	-0.1737	-0.0227	-4.93E-4	7.18E-4	1.88E-4
	CC8	-0.2024	-0.1784	-0.0226	-4.94E-4	7.15E-4	1.96E-4
	CC9	0.0444	0.4881	-0.1678	5.83E-4	-1.91E-4	-9.74E-5
	CC10	0.0484	0.4739	-0.1677	5.79E-4	-2.02E-4	-7.25E-5
	CC11	-0.0805	0.4683	-0.1393	3.65E-4	2.43E-4	9.63E-6
	CC12	-0.0765	0.4540	-0.1392	3.61E-4	2.32E-4	3.45E-5
	CC13	0.0771	-0.4565	-0.0394	-3.42E-4	-2.35E-4	-2.78E-5
	CC14	0.0810	-0.4708	-0.0393	-3.46E-4	-2.45E-4	-2.92E-6
	CC15	-0.0479	-0.4764	-0.0110	-5.60E-4	2.00E-4	7.92E-5
	CC16	-0.0439	-0.4906	-0.0109	-5.64E-4	1.89E-4	1.04E-4
295	CC1	0.2076	0.1767	-0.1273	3.57E-4	-7.58E-4	-1.89E-4
	CC2	0.2082	0.1720	-0.1274	3.55E-4	-7.59E-4	-1.81E-4
	CC3	0.2158	-0.1069	-0.1084	1.36E-4	-7.42E-4	-1.68E-4
	CC4	0.2164	-0.1117	-0.1085	1.35E-4	-7.43E-4	-1.60E-4
	CC5	-0.2164	0.1085	-0.0699	-1.50E-4	7.42E-4	1.68E-4
	CC6	-0.2158	0.1037	-0.0700	-1.52E-4	7.41E-4	1.76E-4
	CC7	-0.2082	-0.1751	-0.0510	-3.71E-4	7.58E-4	1.88E-4
	CC8	-0.2076	-0.1799	-0.0511	-3.72E-4	7.57E-4	1.97E-4
	CC9	0.0490	0.4886	-0.1292	4.39E-4	-2.50E-4	-9.72E-5
	CC10	0.0508	0.4741	-0.1295	4.34E-4	-2.54E-4	-7.23E-5
	CC11	-0.0782	0.4682	-0.1120	2.87E-4	2.00E-4	9.90E-6
	CC12	-0.0764	0.4536	-0.1123	2.82E-4	1.96E-4	3.48E-5
	CC13	0.0763	-0.4567	-0.0661	-2.97E-4	-1.97E-4	-2.76E-5
	CC14	0.0782	-0.4713	-0.0664	-3.03E-4	-2.00E-4	-2.65E-6
	CC15	-0.0509	-0.4772	-0.0489	-4.49E-4	2.53E-4	7.95E-5
	CC16	-0.0490	-0.4917	-0.0492	-4.55E-4	2.50E-4	1.04E-4
296	CC1	0.2127	0.1776	-0.1071	3.07E-4	-7.86E-4	-1.90E-4
	CC2	0.2126	0.1727	-0.1074	3.03E-4	-7.85E-4	-1.82E-4



	CC3	0.2193	-0.1062	-0.1122	-7.86E-6	-7.60E-4	-1.69E-4
	CC4	0.2192	-0.1111	-0.1126	-1.24E-5	-7.59E-4	-1.61E-4
	CC5	-0.2197	0.1074	-0.0688	-4.13E-5	7.57E-4	1.67E-4
	CC6	-0.2198	0.1025	-0.0692	-4.59E-5	7.58E-4	1.75E-4
	CC7	-0.2131	-0.1765	-0.0740	-3.56E-4	7.83E-4	1.88E-4
	CC8	-0.2132	-0.1813	-0.0743	-3.61E-4	7.84E-4	1.96E-4
	CC9	0.0537	0.4891	-0.0873	5.57E-4	-2.77E-4	-9.78E-5
	CC10	0.0534	0.4743	-0.0884	5.43E-4	-2.74E-4	-7.29E-5
	CC11	-0.0760	0.4680	-0.0758	4.53E-4	1.86E-4	9.22E-6
	CC12	-0.0763	0.4532	-0.0769	4.39E-4	1.89E-4	3.41E-5
	CC13	0.0758	-0.4570	-0.1045	-4.93E-4	-1.91E-4	-2.82E-5
	CC14	0.0755	-0.4718	-0.1056	-5.07E-4	-1.88E-4	-3.33E-6
	CC15	-0.0539	-0.4781	-0.0930	-5.97E-4	2.72E-4	7.88E-5
	CC16	-0.0542	-0.4929	-0.0941	-6.11E-4	2.75E-4	1.04E-4
<b>297</b>	CC1	0.0000	0.0000	-0.1101	0.00E+0	0.00E+0	1.05E-8
	CC2	0.0000	0.0000	-0.1099	0.00E+0	0.00E+0	1.01E-8
	CC3	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	2.97E-9
	CC4	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	2.59E-9
	CC5	0.0000	0.0000	-0.0889	0.00E+0	0.00E+0	-2.58E-9
	CC6	0.0000	0.0000	-0.0886	0.00E+0	0.00E+0	-2.96E-9
	CC7	0.0000	0.0000	-0.0607	0.00E+0	0.00E+0	-1.01E-8
	CC8	0.0000	0.0000	-0.0605	0.00E+0	0.00E+0	-1.04E-8
	CC9	0.0000	0.0000	-0.1358	0.00E+0	0.00E+0	1.50E-8
	CC10	0.0000	0.0000	-0.1350	0.00E+0	0.00E+0	1.39E-8
	CC11	0.0000	0.0000	-0.1294	0.00E+0	0.00E+0	1.11E-8
	CC12	0.0000	0.0000	-0.1286	0.00E+0	0.00E+0	9.96E-9
	CC13	0.0000	0.0000	-0.0420	0.00E+0	0.00E+0	-9.95E-9
	CC14	0.0000	0.0000	-0.0412	0.00E+0	0.00E+0	-1.11E-8
	CC15	0.0000	0.0000	-0.0356	0.00E+0	0.00E+0	-1.39E-8
	CC16	0.0000	0.0000	-0.0348	0.00E+0	0.00E+0	-1.50E-8
<b>298</b>	CC1	0.0000	0.0000	-0.1088	0.00E+0	0.00E+0	4.77E-9
	CC2	0.0000	0.0000	-0.1086	0.00E+0	0.00E+0	4.98E-9
	CC3	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	4.62E-9
	CC4	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	4.83E-9
	CC5	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	-4.70E-9
	CC6	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	-4.49E-9
	CC7	0.0000	0.0000	-0.0621	0.00E+0	0.00E+0	-4.84E-9
	CC8	0.0000	0.0000	-0.0619	0.00E+0	0.00E+0	-4.63E-9
	CC9	0.0000	0.0000	-0.1286	0.00E+0	0.00E+0	1.41E-9
	CC10	0.0000	0.0000	-0.1280	0.00E+0	0.00E+0	2.05E-9
	CC11	0.0000	0.0000	-0.1217	0.00E+0	0.00E+0	-1.43E-9
	CC12	0.0000	0.0000	-0.1211	0.00E+0	0.00E+0	-7.93E-1
	CC13	0.0000	0.0000	-0.0496	0.00E+0	0.00E+0	9.27E-1
	CC14	0.0000	0.0000	-0.0490	0.00E+0	0.00E+0	1.56E-9
	CC15	0.0000	0.0000	-0.0427	0.00E+0	0.00E+0	-1.91E-9
	CC16	0.0000	0.0000	-0.0421	0.00E+0	0.00E+0	-1.28E-9
<b>299</b>	CC1	0.0000	0.0000	-0.1072	0.00E+0	0.00E+0	7.02E-9
	CC2	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	6.64E-9
	CC3	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	1.44E-8
	CC4	0.0000	0.0000	-0.0877	0.00E+0	0.00E+0	1.41E-8
	CC5	0.0000	0.0000	-0.0832	0.00E+0	0.00E+0	-1.46E-8
	CC6	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	-1.50E-8
	CC7	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	-7.16E-9
	CC8	0.0000	0.0000	-0.0636	0.00E+0	0.00E+0	-7.55E-9
	CC9	0.0000	0.0000	-0.1217	0.00E+0	0.00E+0	-8.81E-9
	CC10	0.0000	0.0000	-0.1213	0.00E+0	0.00E+0	-9.98E-9
	CC11	0.0000	0.0000	-0.1144	0.00E+0	0.00E+0	-1.53E-8
	CC12	0.0000	0.0000	-0.1141	0.00E+0	0.00E+0	-1.65E-8
	CC13	0.0000	0.0000	-0.0568	0.00E+0	0.00E+0	1.59E-8
	CC14	0.0000	0.0000	-0.0564	0.00E+0	0.00E+0	1.48E-8
	CC15	0.0000	0.0000	-0.0495	0.00E+0	0.00E+0	9.46E-9
	CC16	0.0000	0.0000	-0.0492	0.00E+0	0.00E+0	8.29E-9
<b>300</b>	CC1	0.1355	0.1277	-0.1831	5.88E-4	-7.27E-4	-1.68E-4
	CC2	0.1368	0.1242	-0.1826	5.73E-4	-7.34E-4	-1.61E-4
	CC3	0.1419	-0.0811	-0.1127	-3.64E-4	-7.75E-4	-1.07E-4
	CC4	0.1433	-0.0846	-0.1123	-3.80E-4	-7.82E-4	-1.00E-4
	CC5	-0.1429	0.0826	-0.0658	3.66E-4	7.78E-4	1.02E-4
	CC6	-0.1415	0.0792	-0.0653	3.50E-4	7.71E-4	1.09E-4
	CC7	-0.1365	-0.1261	0.0045	-5.87E-4	7.30E-4	1.63E-4
	CC8	-0.1351	-0.1296	0.0050	-6.02E-4	7.23E-4	1.70E-4
	CC9	0.0291	0.3590	-0.2245	1.64E-3	-1.37E-4	-1.51E-4
	CC10	0.0333	0.3485	-0.2231	1.59E-3	-1.59E-4	-1.31E-4

	CC11	-0.0544	0.3455	-0.1894	1.57E-3	3.15E-4	-7.00E-5
	CC12	-0.0502	0.3350	-0.1879	1.52E-3	2.93E-4	-4.96E-5
	CC13	0.0506	-0.3369	0.0099	-1.54E-3	-2.96E-4	5.20E-5
	CC14	0.0548	-0.3474	0.0113	-1.59E-3	-3.18E-4	7.24E-5
	CC15	-0.0329	-0.3504	0.0451	-1.60E-3	1.55E-4	1.33E-4
	CC16	-0.0287	-0.3609	0.0465	-1.65E-3	1.33E-4	1.53E-4
301	CC1	0.0732	0.0786	-0.1635	5.48E-4	-6.67E-4	-1.25E-4
	CC2	0.0739	0.0765	-0.1630	5.33E-4	-6.73E-4	-1.20E-4
	CC3	0.0761	-0.0485	-0.1009	-3.57E-4	-6.98E-4	-5.48E-5
	CC4	0.0769	-0.0506	-0.1004	-3.72E-4	-7.05E-4	-5.01E-5
	CC5	-0.0767	0.0499	-0.0752	3.60E-4	7.03E-4	5.06E-5
	CC6	-0.0760	0.0478	-0.0747	3.45E-4	6.97E-4	5.53E-5
	CC7	-0.0737	-0.0772	-0.0125	-5.45E-4	6.72E-4	1.21E-4
	CC8	-0.0730	-0.0793	-0.0121	-5.60E-4	6.65E-4	1.25E-4
	CC9	0.0165	0.2190	-0.2062	1.55E-3	-1.43E-4	-1.50E-4
	CC10	0.0188	0.2125	-0.2047	1.51E-3	-1.64E-4	-1.36E-4
	CC11	-0.0285	0.2104	-0.1797	1.50E-3	2.68E-4	-9.72E-5
	CC12	-0.0262	0.2039	-0.1782	1.45E-3	2.47E-4	-8.30E-5
	CC13	0.0264	-0.2046	0.0026	-1.46E-3	-2.49E-4	8.35E-5
	CC14	0.0287	-0.2111	0.0041	-1.51E-3	-2.69E-4	9.78E-5
	CC15	-0.0186	-0.2132	0.0291	-1.52E-3	1.62E-4	1.36E-4
	CC16	-0.0163	-0.2197	0.0306	-1.56E-3	1.42E-4	1.50E-4
302	CC1	0.0223	0.0308	-0.1392	5.38E-4	-4.55E-4	-6.73E-5
	CC2	0.0225	0.0300	-0.1388	5.23E-4	-4.60E-4	-6.49E-5
	CC3	0.0231	-0.0181	-0.0893	-3.26E-4	-4.73E-4	-1.82E-5
	CC4	0.0233	-0.0189	-0.0888	-3.40E-4	-4.77E-4	-1.58E-5
	CC5	-0.0233	0.0189	-0.0843	3.37E-4	4.76E-4	1.56E-5
	CC6	-0.0230	0.0180	-0.0838	3.23E-4	4.71E-4	1.81E-5
	CC7	-0.0224	-0.0300	-0.0344	-5.26E-4	4.59E-4	6.47E-5
	CC8	-0.0222	-0.0308	-0.0339	-5.41E-4	4.54E-4	6.72E-5
	CC9	0.0051	0.0845	-0.1787	1.49E-3	-1.04E-4	-9.80E-5
	CC10	0.0058	0.0819	-0.1774	1.45E-3	-1.18E-4	-9.07E-5
	CC11	-0.0085	0.0809	-0.1623	1.43E-3	1.75E-4	-7.31E-5
	CC12	-0.0078	0.0784	-0.1609	1.39E-3	1.61E-4	-6.58E-5
	CC13	0.0079	-0.0784	-0.0122	-1.39E-3	-1.62E-4	6.56E-5
	CC14	0.0086	-0.0809	-0.0109	-1.43E-3	-1.76E-4	7.30E-5
	CC15	-0.0058	-0.0820	0.0042	-1.45E-3	1.17E-4	9.05E-5
	CC16	-0.0051	-0.0845	0.0056	-1.49E-3	1.03E-4	9.79E-5
303	CC1	0.1462	0.1334	-0.0864	6.55E-4	-8.51E-4	-1.28E-4
	CC2	0.1457	0.1297	-0.0873	6.38E-4	-8.48E-4	-1.22E-4
	CC3	0.1504	-0.0763	-0.1249	-3.24E-4	-8.66E-4	-1.32E-4
	CC4	0.1498	-0.0800	-0.1258	-3.41E-4	-8.63E-4	-1.26E-4
	CC5	-0.1506	0.0785	-0.0567	3.26E-4	8.67E-4	1.31E-4
	CC6	-0.1511	0.0748	-0.0576	3.09E-4	8.71E-4	1.37E-4
	CC7	-0.1464	-0.1312	-0.0953	-6.53E-4	8.52E-4	1.27E-4
	CC8	-0.1470	-0.1349	-0.0962	-6.70E-4	8.55E-4	1.33E-4
	CC9	0.0381	0.3627	-0.0301	1.70E-3	-2.34E-4	-3.84E-5
	CC10	0.0364	0.3514	-0.0328	1.65E-3	-2.25E-4	-2.11E-5
	CC11	-0.0510	0.3462	-0.0213	1.60E-3	2.81E-4	3.93E-5
	CC12	-0.0526	0.3349	-0.0239	1.55E-3	2.91E-4	5.66E-5
	CC13	0.0519	-0.3365	-0.1586	-1.56E-3	-2.86E-4	-5.21E-5
	CC14	0.0502	-0.3477	-0.1613	-1.62E-3	-2.77E-4	-3.48E-5
	CC15	-0.0372	-0.3529	-0.1497	-1.66E-3	2.29E-4	2.56E-5
	CC16	-0.0388	-0.3642	-0.1524	-1.71E-3	2.39E-4	4.30E-5
304	CC1	0.0755	0.0797	-0.0899	6.25E-4	-7.51E-4	-7.27E-5
	CC2	0.0752	0.0775	-0.0906	6.08E-4	-7.48E-4	-6.93E-5
	CC3	0.0782	-0.0443	-0.1178	-3.56E-4	-7.65E-4	-9.09E-5
	CC4	0.0779	-0.0465	-0.1185	-3.74E-4	-7.62E-4	-8.75E-5
	CC5	-0.0783	0.0457	-0.0602	3.68E-4	7.67E-4	9.13E-5
	CC6	-0.0786	0.0435	-0.0609	3.51E-4	7.70E-4	9.47E-5
	CC7	-0.0756	-0.0783	-0.0881	-6.13E-4	7.53E-4	7.31E-5
	CC8	-0.0759	-0.0805	-0.0888	-6.31E-4	7.56E-4	7.65E-5
	CC9	0.0188	0.2147	-0.0463	1.70E-3	-2.06E-4	2.46E-6
	CC10	0.0179	0.2080	-0.0484	1.65E-3	-1.97E-4	1.28E-5
	CC11	-0.0274	0.2045	-0.0374	1.62E-3	2.50E-4	5.17E-5
	CC12	-0.0282	0.1978	-0.0395	1.57E-3	2.58E-4	6.20E-5
	CC13	0.0278	-0.1985	-0.1391	-1.57E-3	-2.54E-4	-5.82E-5
	CC14	0.0270	-0.2053	-0.1413	-1.63E-3	-2.45E-4	-4.78E-5
	CC15	-0.0183	-0.2087	-0.1302	-1.65E-3	2.02E-4	-8.98E-6
	CC16	-0.0192	-0.2155	-0.1323	-1.70E-3	2.11E-4	1.37E-6
305	CC1	0.0214	0.0287	-0.0963	5.35E-4	-4.67E-4	-2.89E-5
	CC2	0.0213	0.0279	-0.0967	5.20E-4	-4.65E-4	-2.74E-5

	CC3	0.0227	-0.0153	-0.1065	-2.91E-4	-4.82E-4	-4.69E-5
	CC4	0.0226	-0.0161	-0.1069	-3.06E-4	-4.80E-4	-4.54E-5
	CC5	-0.0227	0.0157	-0.0680	3.01E-4	4.83E-4	4.74E-5
	CC6	-0.0227	0.0149	-0.0684	2.86E-4	4.85E-4	4.89E-5
	CC7	-0.0214	-0.0282	-0.0782	-5.25E-4	4.68E-4	2.94E-5
	CC8	-0.0215	-0.0290	-0.0786	-5.40E-4	4.70E-4	3.09E-5
	CC9	0.0046	0.0762	-0.0741	1.43E-3	-1.19E-4	1.74E-5
	CC10	0.0043	0.0738	-0.0752	1.39E-3	-1.13E-4	2.19E-5
	CC11	-0.0087	0.0724	-0.0656	1.36E-3	1.66E-4	4.03E-5
	CC12	-0.0089	0.0699	-0.0667	1.32E-3	1.72E-4	4.47E-5
	CC13	0.0088	-0.0703	-0.1082	-1.32E-3	-1.69E-4	-4.27E-5
	CC14	0.0086	-0.0727	-0.1093	-1.37E-3	-1.63E-4	-3.83E-5
	CC15	-0.0044	-0.0741	-0.0997	-1.39E-3	1.16E-4	-1.98E-5
	CC16	-0.0046	-0.0766	-0.1008	-1.44E-3	1.22E-4	-1.54E-5
306	CC1	0.1989	0.1656	-0.1015	5.76E-4	3.19E-5	-1.99E-4
	CC2	0.2008	0.1632	-0.1008	5.63E-4	3.12E-5	-1.91E-4
	CC3	0.2100	-0.1119	-0.0383	-6.60E-4	-3.67E-5	-1.78E-4
	CC4	0.2119	-0.1143	-0.0375	-6.73E-4	-3.74E-5	-1.70E-4
	CC5	-0.2118	0.1112	-0.1417	6.49E-4	3.60E-5	1.58E-4
	CC6	-0.2099	0.1088	-0.1410	6.37E-4	3.53E-5	1.66E-4
	CC7	-0.2007	-0.1663	-0.0785	-5.87E-4	-3.26E-5	1.79E-4
	CC8	-0.1988	-0.1687	-0.0778	-5.99E-4	-3.33E-5	1.87E-4
	CC9	0.0403	0.4728	-0.1901	2.06E-3	1.14E-4	-1.07E-4
	CC10	0.0460	0.4655	-0.1878	2.02E-3	1.12E-4	-8.20E-5
	CC11	-0.0829	0.4565	-0.2022	2.08E-3	1.15E-4	1.91E-7
	CC12	-0.0772	0.4492	-0.1999	2.04E-3	1.13E-4	2.51E-5
	CC13	0.0773	-0.4523	0.0207	-2.06E-3	-1.15E-4	-3.73E-5
	CC14	0.0830	-0.4596	0.0229	-2.10E-3	-1.17E-4	-1.24E-5
	CC15	-0.0459	-0.4686	0.0086	-2.04E-3	-1.13E-4	6.98E-5
	CC16	-0.0402	-0.4759	0.0108	-2.08E-3	-1.15E-4	9.47E-5
307	CC1	0.1988	0.1599	-0.1322	6.23E-4	3.46E-5	-1.97E-4
	CC2	0.2007	0.1568	-0.1316	6.08E-4	3.38E-5	-1.89E-4
	CC3	0.2100	-0.1195	-0.0691	-5.66E-4	-3.14E-5	-1.76E-4
	CC4	0.2119	-0.1227	-0.0685	-5.81E-4	-3.22E-5	-1.68E-4
	CC5	-0.2116	0.1205	-0.1114	5.68E-4	3.15E-5	1.60E-4
	CC6	-0.2097	0.1173	-0.1108	5.54E-4	3.07E-5	1.68E-4
	CC7	-0.2004	-0.1589	-0.0483	-6.21E-4	-3.45E-5	1.80E-4
	CC8	-0.1984	-0.1621	-0.0477	-6.35E-4	-3.53E-5	1.89E-4
	CC9	0.0401	0.4753	-0.1991	2.01E-3	1.11E-4	-1.05E-4
	CC10	0.0459	0.4657	-0.1973	1.96E-3	1.09E-4	-8.02E-5
	CC11	-0.0830	0.4634	-0.1929	1.99E-3	1.10E-4	1.92E-6
	CC12	-0.0772	0.4539	-0.1911	1.95E-3	1.08E-4	2.68E-5
	CC13	0.0775	-0.4561	0.0112	-1.96E-3	-1.09E-4	-3.55E-5
	CC14	0.0833	-0.4656	0.0130	-2.00E-3	-1.11E-4	-1.06E-5
	CC15	-0.0456	-0.4679	0.0174	-1.97E-3	-1.10E-4	7.15E-5
	CC16	-0.0398	-0.4774	0.0192	-2.02E-3	-1.12E-4	9.64E-5
308	CC1	0.1986	0.1662	-0.1628	6.47E-4	3.59E-5	-1.93E-4
	CC2	0.2006	0.1624	-0.1624	6.31E-4	3.50E-5	-1.84E-4
	CC3	0.2099	-0.1150	-0.0966	-4.71E-4	-2.61E-5	-1.72E-4
	CC4	0.2119	-0.1189	-0.0962	-4.86E-4	-2.70E-5	-1.64E-4
	CC5	-0.2113	0.1171	-0.0842	4.86E-4	2.70E-5	1.64E-4
	CC6	-0.2094	0.1132	-0.0838	4.70E-4	2.61E-5	1.72E-4
	CC7	-0.2000	-0.1642	-0.0180	-6.32E-4	-3.51E-5	1.85E-4
	CC8	-0.1981	-0.1680	-0.0176	-6.47E-4	-3.59E-5	1.93E-4
	CC9	0.0400	0.4812	-0.2130	1.91E-3	1.06E-4	-1.00E-4
	CC10	0.0459	0.4694	-0.2116	1.86E-3	1.03E-4	-7.55E-5
	CC11	-0.0830	0.4664	-0.1895	1.86E-3	1.03E-4	6.61E-6
	CC12	-0.0771	0.4547	-0.1880	1.81E-3	1.01E-4	3.15E-5
	CC13	0.0776	-0.4565	0.0076	-1.82E-3	-1.01E-4	-3.08E-5
	CC14	0.0836	-0.4682	0.0091	-1.86E-3	-1.03E-4	-5.94E-6
	CC15	-0.0454	-0.4712	0.0312	-1.86E-3	-1.03E-4	7.62E-5
	CC16	-0.0394	-0.4830	0.0326	-1.91E-3	-1.06E-4	1.01E-4
309	CC1	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	3.72E-9
	CC2	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	3.84E-9
	CC3	0.0000	0.0000	-0.0507	0.00E+0	0.00E+0	1.47E-9
	CC4	0.0000	0.0000	-0.0502	0.00E+0	0.00E+0	1.60E-9
	CC5	0.0000	0.0000	-0.1199	0.00E+0	0.00E+0	-1.40E-9
	CC6	0.0000	0.0000	-0.1193	0.00E+0	0.00E+0	-1.27E-9
	CC7	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	-3.64E-9
	CC8	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	-3.51E-9
	CC9	0.0000	0.0000	-0.1372	0.00E+0	0.00E+0	4.41E-9
	CC10	0.0000	0.0000	-0.1355	0.00E+0	0.00E+0	4.80E-9

	CC11	0.0000	0.0000	-0.1477	0.00E+0	0.00E+0	2.88E-9
	CC12	0.0000	0.0000	-0.1460	0.00E+0	0.00E+0	3.27E-9
	CC13	0.0000	0.0000	-0.0240	0.00E+0	0.00E+0	-3.06E-9
	CC14	0.0000	0.0000	-0.0223	0.00E+0	0.00E+0	-2.68E-9
	CC15	0.0000	0.0000	-0.0346	0.00E+0	0.00E+0	-4.60E-9
	CC16	0.0000	0.0000	-0.0328	0.00E+0	0.00E+0	-4.21E-9
<b>310</b>	CC1	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	-1.48E-9
	CC2	0.0000	0.0000	-0.0921	0.00E+0	0.00E+0	-1.15E-9
	CC3	0.0000	0.0000	-0.0586	0.00E+0	0.00E+0	1.01E-8
	CC4	0.0000	0.0000	-0.0581	0.00E+0	0.00E+0	1.05E-8
	CC5	0.0000	0.0000	-0.1121	0.00E+0	0.00E+0	-1.06E-8
	CC6	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	-1.02E-8
	CC7	0.0000	0.0000	-0.0781	0.00E+0	0.00E+0	1.06E-9
	CC8	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	1.39E-9
	CC9	0.0000	0.0000	-0.1396	0.00E+0	0.00E+0	-1.85E-8
	CC10	0.0000	0.0000	-0.1382	0.00E+0	0.00E+0	-1.76E-8
	CC11	0.0000	0.0000	-0.1455	0.00E+0	0.00E+0	-2.13E-8
	CC12	0.0000	0.0000	-0.1440	0.00E+0	0.00E+0	-2.03E-8
	CC13	0.0000	0.0000	-0.0262	0.00E+0	0.00E+0	2.02E-8
	CC14	0.0000	0.0000	-0.0247	0.00E+0	0.00E+0	2.12E-8
	CC15	0.0000	0.0000	-0.0320	0.00E+0	0.00E+0	1.75E-8
	CC16	0.0000	0.0000	-0.0306	0.00E+0	0.00E+0	1.85E-8
<b>311</b>	CC1	0.0000	0.0000	-0.1084	0.00E+0	0.00E+0	-7.73E-9
	CC2	0.0000	0.0000	-0.1080	0.00E+0	0.00E+0	-7.41E-9
	CC3	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	1.38E-8
	CC4	0.0000	0.0000	-0.0744	0.00E+0	0.00E+0	1.41E-8
	CC5	0.0000	0.0000	-0.0960	0.00E+0	0.00E+0	-1.41E-8
	CC6	0.0000	0.0000	-0.0956	0.00E+0	0.00E+0	-1.38E-8
	CC7	0.0000	0.0000	-0.0624	0.00E+0	0.00E+0	7.38E-9
	CC8	0.0000	0.0000	-0.0620	0.00E+0	0.00E+0	7.70E-9
	CC9	0.0000	0.0000	-0.1436	0.00E+0	0.00E+0	-3.54E-8
	CC10	0.0000	0.0000	-0.1423	0.00E+0	0.00E+0	-3.44E-8
	CC11	0.0000	0.0000	-0.1399	0.00E+0	0.00E+0	-3.73E-8
	CC12	0.0000	0.0000	-0.1386	0.00E+0	0.00E+0	-3.63E-8
	CC13	0.0000	0.0000	-0.0318	0.00E+0	0.00E+0	3.63E-8
	CC14	0.0000	0.0000	-0.0305	0.00E+0	0.00E+0	3.72E-8
	CC15	0.0000	0.0000	-0.0280	0.00E+0	0.00E+0	3.44E-8
	CC16	0.0000	0.0000	-0.0268	0.00E+0	0.00E+0	3.53E-8
<b>312</b>	CC1	0.1410	0.1228	-0.0781	8.13E-4	-2.60E-4	-1.24E-4
	CC2	0.1424	0.1217	-0.0773	8.05E-4	-2.69E-4	-1.19E-4
	CC3	0.1446	-0.0599	-0.0193	-4.67E-4	-3.99E-4	-1.16E-4
	CC4	0.1459	-0.0610	-0.0184	-4.76E-4	-4.08E-4	-1.11E-4
	CC5	-0.1463	0.0603	-0.1582	4.72E-4	4.19E-4	1.08E-4
	CC6	-0.1450	0.0593	-0.1574	4.63E-4	4.10E-4	1.13E-4
	CC7	-0.1428	-0.1224	-0.0994	-8.09E-4	2.80E-4	1.16E-4
	CC8	-0.1414	-0.1234	-0.0986	-8.17E-4	2.70E-4	1.21E-4
	CC9	0.0350	0.3151	-0.1756	2.20E-3	1.50E-4	-5.78E-5
	CC10	0.0390	0.3120	-0.1731	2.17E-3	1.22E-4	-4.17E-5
	CC11	-0.0512	0.2964	-0.1996	2.09E-3	3.53E-4	1.19E-5
	CC12	-0.0473	0.2932	-0.1972	2.07E-3	3.25E-4	2.79E-5
	CC13	0.0469	-0.2939	0.0205	-2.07E-3	-3.14E-4	-3.12E-5
	CC14	0.0508	-0.2970	0.0230	-2.10E-3	-3.43E-4	-1.51E-5
	CC15	-0.0394	-0.3126	-0.0035	-2.17E-3	-1.11E-4	3.85E-5
	CC16	-0.0354	-0.3158	-0.0010	-2.20E-3	-1.39E-4	5.45E-5
<b>313</b>	CC1	0.0888	0.0605	-0.0779	6.22E-4	-3.01E-4	-6.49E-5
	CC2	0.0896	0.0601	-0.0771	6.17E-4	-3.07E-4	-6.22E-5
	CC3	0.0870	-0.0268	-0.0273	-3.01E-4	-3.22E-4	-5.66E-5
	CC4	0.0878	-0.0273	-0.0265	-3.06E-4	-3.29E-4	-5.39E-5
	CC5	-0.0883	0.0270	-0.1480	3.01E-4	3.30E-4	5.29E-5
	CC6	-0.0875	0.0266	-0.1472	2.96E-4	3.24E-4	5.56E-5
	CC7	-0.0901	-0.0603	-0.0973	-6.22E-4	3.08E-4	6.12E-5
	CC8	-0.0893	-0.0607	-0.0966	-6.27E-4	3.02E-4	6.39E-5
	CC9	0.0281	0.1512	-0.1622	1.59E-3	-4.90E-5	-3.61E-5
	CC10	0.0306	0.1498	-0.1600	1.58E-3	-6.75E-5	-2.79E-5
	CC11	-0.0250	0.1411	-0.1833	1.50E-3	1.40E-4	-7.55E-7
	CC12	-0.0225	0.1397	-0.1810	1.48E-3	1.22E-4	7.47E-6
	CC13	0.0221	-0.1399	0.0065	-1.49E-3	-1.21E-4	-8.42E-6
	CC14	0.0246	-0.1413	0.0088	-1.50E-3	-1.39E-4	-1.90E-7
	CC15	-0.0311	-0.1500	-0.0145	-1.58E-3	6.86E-5	2.69E-5
	CC16	-0.0286	-0.1514	-0.0122	-1.60E-3	5.01E-5	3.51E-5
<b>314</b>	CC1	0.0417	0.0167	-0.0775	3.75E-4	-3.03E-4	-1.80E-5
	CC2	0.0421	0.0166	-0.0768	3.73E-4	-3.08E-4	-1.73E-5

	CC3	0.0388	-0.0066	-0.0352	-1.61E-4	-3.09E-4	-1.44E-5
	CC4	0.0392	-0.0068	-0.0345	-1.63E-4	-3.14E-4	-1.37E-5
	CC5	-0.0396	0.0067	-0.1377	1.63E-4	3.17E-4	1.35E-5
	CC6	-0.0392	0.0066	-0.1370	1.60E-4	3.12E-4	1.42E-5
	CC7	-0.0424	-0.0166	-0.0955	-3.73E-4	3.11E-4	1.72E-5
	CC8	-0.0420	-0.0167	-0.0948	-3.76E-4	3.06E-4	1.79E-5
	CC9	0.0162	0.0406	-0.1485	9.29E-4	-7.39E-5	-1.20E-5
	CC10	0.0174	0.0402	-0.1464	9.21E-4	-8.97E-5	-9.80E-6
	CC11	-0.0082	0.0376	-0.1666	8.66E-4	1.12E-4	-2.54E-6
	CC12	-0.0070	0.0372	-0.1645	8.57E-4	9.64E-5	-3.32E-7
	CC13	0.0067	-0.0373	-0.0077	-8.57E-4	-9.37E-5	1.72E-7
	CC14	0.0079	-0.0376	-0.0057	-8.66E-4	-1.10E-4	2.38E-6
	CC15	-0.0177	-0.0403	-0.0258	-9.21E-4	9.23E-5	9.64E-6
	CC16	-0.0165	-0.0406	-0.0237	-9.29E-4	7.65E-5	1.18E-5
<b>315</b>	CC1	0.1989	0.3034	-0.2439	7.06E-4	-4.87E-4	-1.93E-4
	CC2	0.2009	0.2930	-0.2425	6.83E-4	-4.91E-4	-1.85E-4
	CC3	0.2103	0.0056	-0.1725	-5.31E-5	-5.37E-4	-1.73E-4
	CC4	0.2123	-0.0048	-0.1711	-7.55E-5	-5.41E-4	-1.64E-4
	CC5	-0.2107	0.0019	-0.0426	2.94E-5	5.50E-4	1.63E-4
	CC6	-0.2086	-0.0085	-0.0413	6.94E-6	5.45E-4	1.72E-4
	CC7	-0.1993	-0.2959	0.0288	-7.29E-4	4.99E-4	1.84E-4
	CC8	-0.1973	-0.3063	0.0301	-7.52E-4	4.95E-4	1.93E-4
	CC9	0.0402	0.5560	-0.2581	1.38E-3	-6.06E-5	-1.01E-4
	CC10	0.0463	0.5244	-0.2540	1.31E-3	-7.53E-5	-7.63E-5
	CC11	-0.0826	0.4655	-0.1977	1.17E-3	2.50E-4	5.82E-6
	CC12	-0.0765	0.4340	-0.1936	1.11E-3	2.35E-4	3.07E-5
	CC13	0.0782	-0.4369	-0.0202	-1.15E-3	-2.27E-4	-3.16E-5
	CC14	0.0843	-0.4684	-0.0161	-1.22E-3	-2.42E-4	-6.74E-6
	CC15	-0.0446	-0.5273	0.0402	-1.35E-3	8.35E-5	7.54E-5
	CC16	-0.0386	-0.5589	0.0443	-1.42E-3	6.87E-5	1.00E-4
<b>316</b>	CC1	0.1986	0.2605	-0.1832	7.10E-4	-4.58E-4	-1.94E-4
	CC2	0.2006	0.2519	-0.1811	6.87E-4	-4.63E-4	-1.86E-4
	CC3	0.2100	-0.0327	-0.1022	-9.63E-5	-5.01E-4	-1.73E-4
	CC4	0.2120	-0.0412	-0.1000	-1.18E-4	-5.06E-4	-1.65E-4
	CC5	-0.2110	0.0378	-0.1125	6.95E-5	4.85E-4	1.63E-4
	CC6	-0.2090	0.0292	-0.1103	4.73E-5	4.80E-4	1.71E-4
	CC7	-0.1996	-0.2553	-0.0314	-7.36E-4	4.42E-4	1.84E-4
	CC8	-0.1976	-0.2639	-0.0293	-7.59E-4	4.37E-4	1.92E-4
	CC9	0.0399	0.5332	-0.2553	1.45E-3	-7.34E-5	-1.02E-4
	CC10	0.0460	0.5073	-0.2487	1.38E-3	-8.68E-5	-7.71E-5
	CC11	-0.0830	0.4664	-0.2341	1.26E-3	2.10E-4	5.07E-6
	CC12	-0.0769	0.4405	-0.2275	1.19E-3	1.96E-4	3.00E-5
	CC13	0.0779	-0.4439	0.0150	-1.24E-3	-2.17E-4	-3.24E-5
	CC14	0.0840	-0.4698	0.0216	-1.31E-3	-2.30E-4	-7.48E-6
	CC15	-0.0450	-0.5107	0.0362	-1.43E-3	6.58E-5	7.47E-5
	CC16	-0.0389	-0.5366	0.0428	-1.50E-3	5.25E-5	9.96E-5
<b>317</b>	CC1	0.0000	0.0000	-0.1887	0.00E+0	0.00E+0	1.67E-8
	CC2	0.0000	0.0000	-0.1873	0.00E+0	0.00E+0	1.59E-8
	CC3	0.0000	0.0000	-0.1266	0.00E+0	0.00E+0	2.18E-8
	CC4	0.0000	0.0000	-0.1252	0.00E+0	0.00E+0	2.11E-8
	CC5	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	-2.03E-8
	CC6	0.0000	0.0000	-0.0689	0.00E+0	0.00E+0	-2.11E-8
	CC7	0.0000	0.0000	-0.0083	0.00E+0	0.00E+0	-1.52E-8
	CC8	0.0000	0.0000	-0.0069	0.00E+0	0.00E+0	-1.59E-8
	CC9	0.0000	0.0000	-0.2211	0.00E+0	0.00E+0	-1.55E-9
	CC10	0.0000	0.0000	-0.2168	0.00E+0	0.00E+0	-3.76E-9
	CC11	0.0000	0.0000	-0.1856	0.00E+0	0.00E+0	-1.27E-8
	CC12	0.0000	0.0000	-0.1813	0.00E+0	0.00E+0	-1.49E-8
	CC13	0.0000	0.0000	-0.0143	0.00E+0	0.00E+0	1.56E-8
	CC14	0.0000	0.0000	-0.0100	0.00E+0	0.00E+0	1.34E-8
	CC15	0.0000	0.0000	0.0212	0.00E+0	0.00E+0	4.53E-9
	CC16	0.0000	0.0000	0.0255	0.00E+0	0.00E+0	2.32E-9
<b>318</b>	CC1	0.0000	0.0000	-0.1769	0.00E+0	0.00E+0	3.92E-8
	CC2	0.0000	0.0000	-0.1754	0.00E+0	0.00E+0	3.76E-8
	CC3	0.0000	0.0000	-0.1141	0.00E+0	0.00E+0	3.04E-8
	CC4	0.0000	0.0000	-0.1126	0.00E+0	0.00E+0	2.88E-8
	CC5	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-2.96E-8
	CC6	0.0000	0.0000	-0.0810	0.00E+0	0.00E+0	-3.12E-8
	CC7	0.0000	0.0000	-0.0197	0.00E+0	0.00E+0	-3.84E-8
	CC8	0.0000	0.0000	-0.0182	0.00E+0	0.00E+0	-4.00E-8
	CC9	0.0000	0.0000	-0.2187	0.00E+0	0.00E+0	2.71E-8
	CC10	0.0000	0.0000	-0.2141	0.00E+0	0.00E+0	2.21E-8

	CC11	0.0000	0.0000	-0.1904	0.00E+0	0.00E+0	6.43E-9
	CC12	0.0000	0.0000	-0.1858	0.00E+0	0.00E+0	1.42E-9
	CC13	0.0000	0.0000	-0.0093	0.00E+0	0.00E+0	-2.22E-9
	CC14	0.0000	0.0000	-0.0048	0.00E+0	0.00E+0	-7.24E-9
	CC15	0.0000	0.0000	0.0190	0.00E+0	0.00E+0	-2.29E-8
	CC16	0.0000	0.0000	0.0236	0.00E+0	0.00E+0	-2.79E-8
<b>319</b>	CC1	0.1388	0.2410	-0.2623	1.14E-3	-7.31E-4	-1.81E-4
	CC2	0.1402	0.2326	-0.2613	1.10E-3	-7.38E-4	-1.74E-4
	CC3	0.1452	0.0163	-0.1961	4.30E-5	-7.79E-4	-1.32E-4
	CC4	0.1466	0.0079	-0.1951	3.76E-6	-7.86E-4	-1.25E-4
	CC5	-0.1449	-0.0078	-0.0143	-2.22E-5	7.83E-4	1.22E-4
	CC6	-0.1435	-0.0162	-0.0133	-6.14E-5	7.75E-4	1.30E-4
	CC7	-0.1386	-0.2325	0.0519	-1.11E-3	7.35E-4	1.72E-4
	CC8	-0.1372	-0.2409	0.0529	-1.15E-3	7.27E-4	1.79E-4
	CC9	0.0307	0.4245	-0.2538	2.05E-3	-1.38E-4	-1.40E-4
	CC10	0.0350	0.3991	-0.2506	1.93E-3	-1.61E-4	-1.17E-4
	CC11	-0.0544	0.3499	-0.1794	1.70E-3	3.16E-4	-4.85E-5
	CC12	-0.0502	0.3245	-0.1762	1.58E-3	2.94E-4	-2.63E-5
	CC13	0.0518	-0.3243	-0.0332	-1.60E-3	-2.97E-4	2.40E-5
	CC14	0.0560	-0.3498	-0.0300	-1.72E-3	-3.20E-4	4.62E-5
	CC15	-0.0333	-0.3990	0.0412	-1.94E-3	1.57E-4	1.15E-4
	CC16	-0.0291	-0.4244	0.0444	-2.06E-3	1.34E-4	1.37E-4
<b>320</b>	CC1	0.0761	0.1352	-0.2420	1.24E-3	-6.91E-4	-1.18E-4
	CC2	0.0769	0.1305	-0.2408	1.19E-3	-6.98E-4	-1.13E-4
	CC3	0.0790	0.0107	-0.1772	8.10E-5	-7.23E-4	-8.56E-5
	CC4	0.0798	0.0060	-0.1761	3.80E-5	-7.30E-4	-8.08E-5
	CC5	-0.0786	-0.0052	-0.0289	-3.72E-5	7.23E-4	7.89E-5
	CC6	-0.0779	-0.0099	-0.0278	-8.02E-5	7.16E-4	8.37E-5
	CC7	-0.0757	-0.1297	0.0358	-1.19E-3	6.91E-4	1.11E-4
	CC8	-0.0750	-0.1344	0.0370	-1.24E-3	6.84E-4	1.16E-4
	CC9	0.0178	0.2360	-0.2440	2.18E-3	-1.52E-4	-9.15E-5
	CC10	0.0201	0.2217	-0.2406	2.05E-3	-1.73E-4	-7.71E-5
	CC11	-0.0286	0.1939	-0.1801	1.80E-3	2.73E-4	-3.25E-5
	CC12	-0.0263	0.1796	-0.1767	1.67E-3	2.51E-4	-1.81E-5
	CC13	0.0274	-0.1788	-0.0283	-1.67E-3	-2.58E-4	1.62E-5
	CC14	0.0298	-0.1931	-0.0249	-1.80E-3	-2.80E-4	3.06E-5
	CC15	-0.0190	-0.2209	0.0356	-2.05E-3	1.66E-4	7.52E-5
	CC16	-0.0167	-0.2352	0.0390	-2.18E-3	1.44E-4	8.96E-5
<b>321</b>	CC1	0.0238	0.0408	-0.2177	8.66E-4	-4.86E-4	-4.69E-5
	CC2	0.0240	0.0394	-0.2165	8.36E-4	-4.90E-4	-4.50E-5
	CC3	0.0245	0.0037	-0.1544	7.23E-5	-5.02E-4	-3.93E-5
	CC4	0.0247	0.0022	-0.1532	4.22E-5	-5.07E-4	-3.74E-5
	CC5	-0.0243	-0.0019	-0.0472	-3.53E-5	4.99E-4	3.65E-5
	CC6	-0.0240	-0.0033	-0.0460	-6.54E-5	4.94E-4	3.84E-5
	CC7	-0.0235	-0.0390	0.0161	-8.29E-4	4.82E-4	4.41E-5
	CC8	-0.0233	-0.0404	0.0173	-8.59E-4	4.77E-4	4.60E-5
	CC9	0.0058	0.0707	-0.2331	1.51E-3	-1.16E-4	-2.86E-5
	CC10	0.0066	0.0664	-0.2293	1.42E-3	-1.31E-4	-2.27E-5
	CC11	-0.0086	0.0579	-0.1820	1.24E-3	1.79E-4	-3.55E-6
	CC12	-0.0078	0.0536	-0.1782	1.15E-3	1.64E-4	2.30E-6
	CC13	0.0083	-0.0532	-0.0222	-1.14E-3	-1.73E-4	-3.18E-6
	CC14	0.0090	-0.0575	-0.0184	-1.23E-3	-1.87E-4	2.67E-6
	CC15	-0.0061	-0.0660	0.0290	-1.41E-3	1.23E-4	2.19E-5
	CC16	-0.0054	-0.0703	0.0328	-1.50E-3	1.08E-4	2.77E-5
<b>322</b>	CC1	0.1444	0.1830	-0.1046	9.23E-4	-7.23E-4	-1.19E-4
	CC2	0.1458	0.1771	-0.1023	8.93E-4	-7.30E-4	-1.14E-4
	CC3	0.1518	-0.0313	-0.0258	-1.56E-4	-7.67E-4	-1.34E-4
	CC4	0.1533	-0.0372	-0.0235	-1.86E-4	-7.74E-4	-1.28E-4
	CC5	-0.1535	0.0370	-0.1842	1.65E-4	7.68E-4	1.30E-4
	CC6	-0.1520	0.0311	-0.1819	1.35E-4	7.60E-4	1.35E-4
	CC7	-0.1460	-0.1773	-0.1054	-9.14E-4	7.23E-4	1.15E-4
	CC8	-0.1445	-0.1832	-0.1031	-9.44E-4	7.16E-4	1.21E-4
	CC9	0.0299	0.3879	-0.2268	1.95E-3	-1.42E-4	-2.05E-5
	CC10	0.0344	0.3699	-0.2198	1.86E-3	-1.64E-4	-4.12E-6
	CC11	-0.0595	0.3441	-0.2506	1.72E-3	3.05E-4	5.43E-5
	CC12	-0.0550	0.3261	-0.2437	1.63E-3	2.83E-4	7.06E-5
	CC13	0.0548	-0.3263	0.0360	-1.65E-3	-2.89E-4	-6.90E-5
	CC14	0.0593	-0.3443	0.0430	-1.74E-3	-3.11E-4	-5.26E-5
	CC15	-0.0346	-0.3701	0.0121	-1.88E-3	1.58E-4	5.78E-6
	CC16	-0.0300	-0.3881	0.0191	-1.97E-3	1.36E-4	2.21E-5
<b>323</b>	CC1	0.0802	0.1002	-0.1733	9.45E-4	-7.25E-4	-7.53E-5
	CC2	0.0811	0.0970	-0.1712	9.14E-4	-7.32E-4	-7.18E-5

	CC3	0.0842	-0.0171	-0.0997	-1.56E-4	-7.63E-4	-8.71E-5
	CC4	0.0850	-0.0203	-0.0976	-1.87E-4	-7.70E-4	-8.37E-5
	CC5	-0.0855	0.0210	-0.1061	1.86E-4	7.71E-4	8.53E-5
	CC6	-0.0846	0.0177	-0.1040	1.56E-4	7.64E-4	8.87E-5
	CC7	-0.0815	-0.0963	-0.0325	-9.15E-4	7.33E-4	7.34E-5
	CC8	-0.0807	-0.0995	-0.0304	-9.46E-4	7.25E-4	7.68E-5
	CC9	0.0168	0.2126	-0.2378	2.00E-3	-1.49E-4	-8.71E-6
	CC10	0.0193	0.2028	-0.2315	1.90E-3	-1.72E-4	1.73E-6
	CC11	-0.0329	0.1888	-0.2176	1.77E-3	3.00E-4	3.95E-5
	CC12	-0.0304	0.1790	-0.2113	1.67E-3	2.77E-4	4.99E-5
	CC13	0.0299	-0.1783	0.0076	-1.68E-3	-2.76E-4	-4.83E-5
	CC14	0.0325	-0.1881	0.0139	-1.77E-3	-2.99E-4	-3.79E-5
	CC15	-0.0198	-0.2021	0.0278	-1.90E-3	1.72E-4	-1.57E-7
	CC16	-0.0172	-0.2119	0.0341	-2.00E-3	1.50E-4	1.03E-5
324	CC1	0.0250	0.0296	-0.1639	6.38E-4	-5.16E-4	-3.96E-5
	CC2	0.0253	0.0287	-0.1621	6.17E-4	-5.21E-4	-3.78E-5
	CC3	0.0262	-0.0051	-0.0957	-1.07E-4	-5.42E-4	-4.03E-5
	CC4	0.0265	-0.0061	-0.0939	-1.27E-4	-5.47E-4	-3.85E-5
	CC5	-0.0267	0.0064	-0.1056	1.34E-4	5.52E-4	3.93E-5
	CC6	-0.0264	0.0055	-0.1038	1.13E-4	5.47E-4	4.11E-5
	CC7	-0.0255	-0.0283	-0.0373	-6.11E-4	5.26E-4	3.86E-5
	CC8	-0.0252	-0.0292	-0.0355	-6.32E-4	5.21E-4	4.04E-5
	CC9	0.0052	0.0630	-0.2250	1.35E-3	-1.06E-4	-1.29E-5
	CC10	0.0060	0.0601	-0.2195	1.29E-3	-1.23E-4	-7.54E-6
	CC11	-0.0103	0.0561	-0.2075	1.20E-3	2.14E-4	1.08E-5
	CC12	-0.0095	0.0532	-0.2020	1.14E-3	1.97E-4	1.61E-5
	CC13	0.0092	-0.0528	0.0025	-1.13E-3	-1.93E-4	-1.53E-5
	CC14	0.0100	-0.0557	0.0080	-1.19E-3	-2.09E-4	-9.98E-6
	CC15	-0.0063	-0.0598	0.0200	-1.28E-3	1.28E-4	8.35E-6
	CC16	-0.0055	-0.0626	0.0255	-1.34E-3	1.11E-4	1.37E-5
325	CC1	0.0000	0.0000	-0.1480	0.00E+0	0.00E+0	3.04E-7
	CC2	0.0000	0.0000	-0.1486	0.00E+0	0.00E+0	2.92E-7
	CC3	0.0000	0.0000	-0.1640	0.00E+0	0.00E+0	1.43E-7
	CC4	0.0000	0.0000	-0.1647	0.00E+0	0.00E+0	1.31E-7
	CC5	0.0000	0.0000	-0.0312	0.00E+0	0.00E+0	-1.32E-7
	CC6	0.0000	0.0000	-0.0318	0.00E+0	0.00E+0	-1.44E-7
	CC7	0.0000	0.0000	-0.0472	0.00E+0	0.00E+0	-2.93E-7
	CC8	0.0000	0.0000	-0.0478	0.00E+0	0.00E+0	-3.06E-7
	CC9	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	3.52E-7
	CC10	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	3.15E-7
	CC11	0.0000	0.0000	-0.0527	0.00E+0	0.00E+0	2.21E-7
	CC12	0.0000	0.0000	-0.0546	0.00E+0	0.00E+0	1.84E-7
	CC13	0.0000	0.0000	-0.1412	0.00E+0	0.00E+0	-1.85E-7
	CC14	0.0000	0.0000	-0.1431	0.00E+0	0.00E+0	-2.23E-7
	CC15	0.0000	0.0000	-0.1061	0.00E+0	0.00E+0	-3.16E-7
	CC16	0.0000	0.0000	-0.1081	0.00E+0	0.00E+0	-3.54E-7
326	CC1	0.0000	0.0000	-0.1615	0.00E+0	0.00E+0	2.28E-7
	CC2	0.0000	0.0000	-0.1617	0.00E+0	0.00E+0	2.19E-7
	CC3	0.0000	0.0000	-0.1546	0.00E+0	0.00E+0	1.12E-7
	CC4	0.0000	0.0000	-0.1547	0.00E+0	0.00E+0	1.02E-7
	CC5	0.0000	0.0000	-0.0410	0.00E+0	0.00E+0	-1.03E-7
	CC6	0.0000	0.0000	-0.0411	0.00E+0	0.00E+0	-1.12E-7
	CC7	0.0000	0.0000	-0.0340	0.00E+0	0.00E+0	-2.19E-7
	CC8	0.0000	0.0000	-0.0342	0.00E+0	0.00E+0	-2.28E-7
	CC9	0.0000	0.0000	-0.1273	0.00E+0	0.00E+0	2.58E-7
	CC10	0.0000	0.0000	-0.1278	0.00E+0	0.00E+0	2.30E-7
	CC11	0.0000	0.0000	-0.0911	0.00E+0	0.00E+0	1.58E-7
	CC12	0.0000	0.0000	-0.0916	0.00E+0	0.00E+0	1.30E-7
	CC13	0.0000	0.0000	-0.1041	0.00E+0	0.00E+0	-1.31E-7
	CC14	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	-1.59E-7
	CC15	0.0000	0.0000	-0.0679	0.00E+0	0.00E+0	-2.30E-7
	CC16	0.0000	0.0000	-0.0684	0.00E+0	0.00E+0	-2.58E-7
327	CC1	0.1716	0.2793	-0.1491	1.45E-3	-8.83E-4	-1.58E-4
	CC2	0.1694	0.2691	-0.1541	1.40E-3	-8.71E-4	-1.51E-4
	CC3	0.1687	0.0649	-0.2579	3.30E-4	-8.63E-4	-1.37E-4
	CC4	0.1666	0.0547	-0.2629	2.78E-4	-8.51E-4	-1.30E-4
	CC5	-0.1615	-0.0567	0.0541	-2.85E-4	8.42E-4	1.32E-4
	CC6	-0.1637	-0.0669	0.0491	-3.38E-4	8.54E-4	1.39E-4
	CC7	-0.1643	-0.2710	-0.0547	-1.41E-3	8.62E-4	1.53E-4
	CC8	-0.1665	-0.2813	-0.0597	-1.46E-3	8.74E-4	1.59E-4
	CC9	0.0605	0.4222	0.0539	2.21E-3	-3.15E-4	-8.73E-5
	CC10	0.0539	0.3912	0.0388	2.05E-3	-2.79E-4	-6.68E-5

	CC11	-0.0394	0.3214	0.1149	1.69E-3	2.02E-4	-3.92E-7
	CC12	-0.0460	0.2904	0.0998	1.53E-3	2.38E-4	2.01E-5
	CC13	0.0511	-0.2923	-0.3086	-1.53E-3	-2.47E-4	-1.85E-5
	CC14	0.0445	-0.3234	-0.3237	-1.69E-3	-2.11E-4	2.00E-6
	CC15	-0.0488	-0.3931	-0.2476	-2.06E-3	2.70E-4	6.84E-5
	CC16	-0.0554	-0.4242	-0.2628	-2.22E-3	3.06E-4	8.89E-5
<b>328</b>	CC1	0.0957	0.1574	-0.1423	1.34E-3	-8.45E-4	-1.30E-4
	CC2	0.0945	0.1516	-0.1462	1.29E-3	-8.34E-4	-1.25E-4
	CC3	0.0948	0.0366	-0.2283	3.14E-4	-8.23E-4	-1.02E-4
	CC4	0.0936	0.0308	-0.2323	2.65E-4	-8.12E-4	-9.62E-5
	CC5	-0.0901	-0.0322	0.0277	-2.71E-4	7.88E-4	9.65E-5
	CC6	-0.0913	-0.0380	0.0237	-3.20E-4	7.99E-4	1.02E-4
	CC7	-0.0910	-0.1531	-0.0584	-1.29E-3	8.09E-4	1.25E-4
	CC8	-0.0922	-0.1589	-0.0623	-1.34E-3	8.20E-4	1.31E-4
	CC9	0.0329	0.2379	0.0216	2.01E-3	-3.10E-4	-9.00E-5
	CC10	0.0294	0.2204	0.0096	1.87E-3	-2.77E-4	-7.34E-5
	CC11	-0.0228	0.1810	0.0726	1.53E-3	1.80E-4	-2.19E-5
	CC12	-0.0263	0.1635	0.0606	1.38E-3	2.13E-4	-5.36E-6
	CC13	0.0299	-0.1649	-0.2652	-1.39E-3	-2.38E-4	5.66E-6
	CC14	0.0264	-0.1825	-0.2773	-1.54E-3	-2.04E-4	2.22E-5
	CC15	-0.0259	-0.2218	-0.2142	-1.87E-3	2.52E-4	7.37E-5
	CC16	-0.0294	-0.2394	-0.2263	-2.02E-3	2.86E-4	9.03E-5
<b>329</b>	CC1	0.0303	0.0531	-0.1350	1.03E-3	-6.12E-4	-8.14E-5
	CC2	0.0300	0.0512	-0.1376	9.93E-4	-6.04E-4	-7.81E-5
	CC3	0.0311	0.0122	-0.1929	2.39E-4	-6.20E-4	-5.72E-5
	CC4	0.0307	0.0103	-0.1956	2.01E-4	-6.13E-4	-5.39E-5
	CC5	-0.0294	-0.0109	-0.0048	-2.12E-4	5.89E-4	5.36E-5
	CC6	-0.0298	-0.0129	-0.0075	-2.50E-4	5.96E-4	5.70E-5
	CC7	-0.0287	-0.0518	-0.0628	-1.00E-3	5.80E-4	7.78E-5
	CC8	-0.0290	-0.0538	-0.0654	-1.04E-3	5.87E-4	8.12E-5
	CC9	0.0089	0.0804	-0.0192	1.56E-3	-1.89E-4	-6.58E-5
	CC10	0.0079	0.0745	-0.0272	1.44E-3	-1.66E-4	-5.57E-5
	CC11	-0.0090	0.0612	0.0199	1.19E-3	1.72E-4	-2.53E-5
	CC12	-0.0101	0.0552	0.0118	1.07E-3	1.94E-4	-1.52E-5
	CC13	0.0114	-0.0559	-0.2122	-1.08E-3	-2.18E-4	1.49E-5
	CC14	0.0103	-0.0619	-0.2203	-1.20E-3	-1.96E-4	2.51E-5
	CC15	-0.0066	-0.0751	-0.1732	-1.45E-3	1.42E-4	5.54E-5
	CC16	-0.0076	-0.0811	-0.1812	-1.57E-3	1.64E-4	6.56E-5
<b>330</b>	CC1	0.1562	0.2805	-0.2325	1.46E-3	-7.77E-4	-1.54E-4
	CC2	0.1557	0.2702	-0.2287	1.41E-3	-7.74E-4	-1.47E-4
	CC3	0.1609	0.0650	-0.1442	3.31E-4	-7.99E-4	-1.34E-4
	CC4	0.1604	0.0548	-0.1404	2.77E-4	-7.96E-4	-1.27E-4
	CC5	-0.1560	-0.0566	-0.0649	-2.96E-4	7.85E-4	1.27E-4
	CC6	-0.1564	-0.0669	-0.0611	-3.49E-4	7.88E-4	1.34E-4
	CC7	-0.1513	-0.2721	0.0234	-1.43E-3	7.63E-4	1.47E-4
	CC8	-0.1517	-0.2824	0.0272	-1.48E-3	7.66E-4	1.53E-4
	CC9	0.0419	0.4243	-0.2807	2.22E-3	-2.08E-4	-8.48E-5
	CC10	0.0405	0.3931	-0.2693	2.06E-3	-1.99E-4	-6.51E-5
	CC11	-0.0518	0.3231	-0.2304	1.70E-3	2.61E-4	-5.75E-5
	CC12	-0.0531	0.2920	-0.2190	1.53E-3	2.69E-4	1.91E-5
	CC13	0.0576	-0.2939	0.0137	-1.55E-3	-2.81E-4	-1.93E-5
	CC14	0.0562	-0.3250	0.0251	-1.71E-3	-2.72E-4	4.51E-7
	CC15	-0.0361	-0.3950	0.0640	-2.08E-3	1.88E-4	6.50E-5
	CC16	-0.0375	-0.4261	0.0754	-2.24E-3	1.97E-4	8.47E-5
<b>331</b>	CC1	0.0890	0.1577	-0.2135	1.34E-3	-7.59E-4	-1.23E-4
	CC2	0.0887	0.1519	-0.2106	1.29E-3	-7.57E-4	-1.18E-4
	CC3	0.0914	0.0368	-0.1459	3.13E-4	-7.84E-4	-9.50E-5
	CC4	0.0912	0.0310	-0.1430	2.63E-4	-7.82E-4	-8.99E-5
	CC5	-0.0882	-0.0315	-0.0592	-2.75E-4	7.61E-4	9.09E-5
	CC6	-0.0885	-0.0373	-0.0563	-3.24E-4	7.63E-4	9.60E-5
	CC7	-0.0858	-0.1525	0.0085	-1.31E-3	7.36E-4	1.19E-4
	CC8	-0.0860	-0.1582	0.0113	-1.35E-3	7.38E-4	1.24E-4
	CC9	0.0243	0.2384	-0.2413	2.03E-3	-2.01E-4	-8.58E-5
	CC10	0.0236	0.2209	-0.2326	1.88E-3	-1.94E-4	-7.04E-5
	CC11	-0.0288	0.1817	-0.1950	1.54E-3	2.55E-4	-2.17E-5
	CC12	-0.0296	0.1641	-0.1863	1.39E-3	2.62E-4	-6.22E-6
	CC13	0.0325	-0.1646	-0.0159	-1.41E-3	-2.83E-4	7.21E-6
	CC14	0.0318	-0.1822	-0.0071	-1.55E-3	-2.76E-4	2.26E-5
	CC15	-0.0206	-0.2214	0.0304	-1.89E-3	1.73E-4	7.14E-5
	CC16	-0.0214	-0.2390	0.0392	-2.04E-3	1.80E-4	8.68E-5
<b>332</b>	CC1	0.0291	0.0531	-0.1906	1.03E-3	-5.81E-4	-7.54E-5
	CC2	0.0291	0.0512	-0.1889	9.94E-4	-5.79E-4	-7.23E-5



	CC3	0.0299	0.0124	-0.1493	2.41E-4	-5.96E-4	-5.13E-5
	CC4	0.0298	0.0105	-0.1476	2.03E-4	-5.94E-4	-4.82E-5
	CC5	-0.0288	-0.0104	-0.0513	-2.05E-4	5.74E-4	4.92E-5
	CC6	-0.0288	-0.0124	-0.0496	-2.43E-4	5.75E-4	5.23E-5
	CC7	-0.0280	-0.0511	-0.0101	-9.96E-4	5.59E-4	7.34E-5
	CC8	-0.0281	-0.0531	-0.0084	-1.03E-3	5.60E-4	7.64E-5
	CC9	0.0080	0.0804	-0.1917	1.56E-3	-1.61E-4	-6.30E-5
	CC10	0.0078	0.0744	-0.1865	1.45E-3	-1.56E-4	-5.37E-5
	CC11	-0.0093	0.0613	-0.1499	1.19E-3	1.86E-4	-2.56E-5
	CC12	-0.0096	0.0554	-0.1447	1.07E-3	1.90E-4	-1.63E-5
	CC13	0.0106	-0.0553	-0.0542	-1.08E-3	-2.11E-4	1.74E-5
	CC14	0.0104	-0.0613	-0.0490	-1.19E-3	-2.06E-4	2.67E-5
	CC15	-0.0067	-0.0744	-0.0124	-1.45E-3	1.35E-4	5.47E-5
	CC16	-0.0069	-0.0803	-0.0073	-1.56E-3	1.40E-4	6.40E-5
333	CC1	0.2447	0.4147	-0.1569	1.60E-3	-6.45E-4	-1.91E-4
	CC2	0.2415	0.3995	-0.1627	1.54E-3	-6.42E-4	-1.83E-4
	CC3	0.2413	0.1046	-0.3046	3.19E-4	-8.03E-4	-1.70E-4
	CC4	0.2381	0.0894	-0.3104	2.63E-4	-8.00E-4	-1.62E-4
	CC5	-0.2332	-0.0935	0.0983	-2.83E-4	8.04E-4	1.66E-4
	CC6	-0.2364	-0.1087	0.0925	-3.40E-4	8.06E-4	1.74E-4
	CC7	-0.2365	-0.4036	-0.0495	-1.56E-3	6.46E-4	1.86E-4
	CC8	-0.2397	-0.4188	-0.0553	-1.62E-3	6.48E-4	1.95E-4
	CC9	0.0846	0.6141	0.1108	2.49E-3	4.40E-5	-9.92E-5
	CC10	0.0748	0.5679	0.0932	2.32E-3	5.22E-5	-7.42E-5
	CC11	-0.0588	0.4616	0.1873	1.93E-3	4.78E-4	7.91E-6
	CC12	-0.0685	0.4155	0.1697	1.76E-3	4.87E-4	3.28E-5
	CC13	0.0735	-0.4196	-0.3818	-1.78E-3	-4.83E-4	-2.95E-5
	CC14	0.0637	-0.4657	-0.3994	-1.95E-3	-4.75E-4	-4.65E-6
	CC15	-0.0699	-0.5720	-0.3053	-2.34E-3	-4.84E-5	7.75E-5
	CC16	-0.0797	-0.6182	-0.3229	-2.51E-3	-4.02E-5	1.02E-4
334	CC1	0.0063	0.0195	-0.1506	3.41E-4	-2.15E-4	-3.72E-4
	CC2	0.0061	0.0187	-0.1525	3.28E-4	-2.30E-4	-3.57E-4
	CC3	0.0023	0.0092	-0.2012	7.61E-5	-6.55E-4	-1.73E-4
	CC4	0.0020	0.0084	-0.2032	6.39E-5	-6.70E-4	-1.58E-4
	CC5	-0.0021	-0.0085	0.0049	-7.13E-5	6.29E-4	1.60E-4
	CC6	-0.0023	-0.0093	0.0029	-8.36E-5	6.14E-4	1.75E-4
	CC7	-0.0061	-0.0188	-0.0458	-3.36E-4	1.89E-4	3.59E-4
	CC8	-0.0063	-0.0196	-0.0478	-3.48E-4	1.74E-4	3.74E-4
	CC9	0.0083	0.0226	-0.0351	5.17E-4	6.08E-4	-4.33E-4
	CC10	0.0076	0.0202	-0.0411	4.80E-4	5.63E-4	-3.88E-4
	CC11	0.0058	0.0142	0.0116	3.94E-4	8.61E-4	-2.74E-4
	CC12	0.0051	0.0118	0.0056	3.57E-4	8.16E-4	-2.28E-4
	CC13	-0.0051	-0.0119	-0.2039	-3.64E-4	-8.57E-4	2.30E-4
	CC14	-0.0058	-0.0143	-0.2099	-4.01E-4	-9.02E-4	2.75E-4
	CC15	-0.0076	-0.0203	-0.1573	-4.88E-4	-6.04E-4	3.89E-4
	CC16	-0.0084	-0.0227	-0.1633	-5.25E-4	-6.49E-4	4.35E-4
335	CC1	0.1674	0.3170	-0.1798	1.12E-3	-9.68E-4	-3.20E-4
	CC2	0.1653	0.3052	-0.1850	1.08E-3	-9.49E-4	-3.08E-4
	CC3	0.1718	0.0929	-0.3255	2.86E-4	-7.91E-4	-1.75E-4
	CC4	0.1697	0.0811	-0.3307	2.45E-4	-7.72E-4	-1.62E-4
	CC5	-0.1643	-0.0843	0.1209	-2.56E-4	7.74E-4	1.68E-4
	CC6	-0.1664	-0.0961	0.1157	-2.97E-4	7.93E-4	1.80E-4
	CC7	-0.1599	-0.3084	-0.0248	-1.09E-3	9.51E-4	3.13E-4
	CC8	-0.1620	-0.3202	-0.0300	-1.13E-3	9.70E-4	3.26E-4
	CC9	0.0484	0.4501	0.1007	1.65E-3	-5.85E-4	-3.32E-4
	CC10	0.0421	0.4142	0.0850	1.53E-3	-5.27E-4	-2.94E-4
	CC11	-0.0511	0.3297	0.1909	1.24E-3	-6.19E-5	-1.85E-4
	CC12	-0.0575	0.2938	0.1752	1.11E-3	-4.58E-6	-1.47E-4
	CC13	0.0629	-0.2970	-0.3850	-1.13E-3	6.25E-6	1.53E-4
	CC14	0.0565	-0.3328	-0.4007	-1.25E-3	6.36E-5	1.91E-4
	CC15	-0.0367	-0.4174	-0.2948	-1.54E-3	5.29E-4	2.99E-4
	CC16	-0.0430	-0.4532	-0.3105	-1.66E-3	5.86E-4	3.37E-4
336	CC1	0.0980	0.2186	-0.1802	1.12E-3	-6.73E-4	-3.72E-4
	CC2	0.0969	0.2104	-0.1846	1.08E-3	-6.67E-4	-3.57E-4
	CC3	0.1051	0.0685	-0.3033	2.73E-4	-7.48E-4	-1.78E-4
	CC4	0.1040	0.0603	-0.3078	2.33E-4	-7.42E-4	-1.63E-4
	CC5	-0.0994	-0.0625	0.1004	-2.42E-4	7.27E-4	1.76E-4
	CC6	-0.1005	-0.0708	0.0960	-2.82E-4	7.32E-4	1.91E-4
	CC7	-0.0923	-0.2127	-0.0227	-1.09E-3	6.52E-4	3.71E-4
	CC8	-0.0933	-0.2209	-0.0271	-1.13E-3	6.57E-4	3.85E-4
	CC9	0.0217	0.3038	0.0661	1.67E-3	-1.01E-4	-4.22E-4
	CC10	0.0184	0.2788	0.0527	1.54E-3	-8.51E-5	-3.77E-4

	CC11	-0.0375	0.2194	0.1503	1.26E-3	3.18E-4	-2.58E-4
	CC12	-0.0408	0.1945	0.1369	1.14E-3	3.35E-4	-2.13E-4
	CC13	0.0454	-0.1967	-0.3443	-1.15E-3	-3.50E-4	2.26E-4
	CC14	0.0421	-0.2217	-0.3577	-1.27E-3	-3.34E-4	2.71E-4
	CC15	-0.0138	-0.2811	-0.2601	-1.55E-3	6.94E-5	3.90E-4
	CC16	-0.0171	-0.3060	-0.2735	-1.68E-3	8.57E-5	4.35E-4
337	CC1	0.0430	0.1274	-0.1770	1.06E-3	-5.75E-4	-4.88E-4
	CC2	0.0426	0.1225	-0.1808	1.02E-3	-5.65E-4	-4.69E-4
	CC3	0.0502	0.0445	-0.2818	3.01E-4	-4.93E-4	-2.04E-4
	CC4	0.0498	0.0397	-0.2857	2.62E-4	-4.83E-4	-1.84E-4
	CC5	-0.0468	-0.0410	0.0808	-2.75E-4	4.59E-4	1.95E-4
	CC6	-0.0472	-0.0459	0.0770	-3.14E-4	4.69E-4	2.14E-4
	CC7	-0.0396	-0.1239	-0.0240	-1.04E-3	5.41E-4	4.79E-4
	CC8	-0.0400	-0.1288	-0.0278	-1.07E-3	5.51E-4	4.98E-4
	CC9	0.0036	0.1701	0.0394	1.52E-3	-3.19E-4	-6.00E-4
	CC10	0.0024	0.1553	0.0278	1.40E-3	-2.88E-4	-5.42E-4
	CC11	-0.0234	0.1196	0.1168	1.12E-3	-9.06E-6	-3.95E-4
	CC12	-0.0246	0.1048	0.1052	1.00E-3	2.23E-5	-3.37E-4
	CC13	0.0276	-0.1061	-0.3100	-1.01E-3	-4.60E-5	3.47E-4
	CC14	0.0264	-0.1209	-0.3216	-1.13E-3	-1.46E-5	4.06E-4
	CC15	0.0007	-0.1567	-0.2327	-1.41E-3	2.64E-4	5.52E-4
	CC16	-0.0005	-0.1715	-0.2443	-1.53E-3	2.95E-4	6.10E-4
338	CC1	0.2218	0.4172	-0.3102	1.53E-3	-8.25E-4	-1.94E-4
	CC2	0.2209	0.4019	-0.3054	1.48E-3	-8.13E-4	-1.85E-4
	CC3	0.2267	0.1069	-0.2087	3.07E-4	-6.87E-4	-1.73E-4
	CC4	0.2258	0.0916	-0.2039	2.54E-4	-6.74E-4	-1.65E-4
	CC5	-0.2208	-0.0946	-0.0044	-2.68E-4	6.73E-4	1.63E-4
	CC6	-0.2217	-0.1099	0.0004	-3.21E-4	6.85E-4	1.71E-4
	CC7	-0.2159	-0.4049	0.0971	-1.49E-3	8.12E-4	1.84E-4
	CC8	-0.2168	-0.4202	0.1019	-1.55E-3	8.24E-4	1.92E-4
	CC9	0.0621	0.6156	-0.3265	2.39E-3	-4.75E-4	-1.01E-4
	CC10	0.0594	0.5692	-0.3119	2.22E-3	-4.39E-4	-7.66E-5
	CC11	-0.0707	0.4621	-0.2347	1.85E-3	-2.61E-5	5.57E-6
	CC12	-0.0734	0.4157	-0.2202	1.68E-3	1.07E-5	3.05E-5
	CC13	0.0784	-0.4187	0.0118	-1.70E-3	-1.26E-5	-3.19E-5
	CC14	0.0757	-0.4651	0.0264	-1.86E-3	2.42E-5	-6.99E-6
	CC15	-0.0544	-0.5722	0.1036	-2.24E-3	4.37E-4	7.52E-5
	CC16	-0.0571	-0.6186	0.1181	-2.40E-3	4.74E-4	1.00E-4
339	CC1	-0.0033	0.0216	-0.2125	2.67E-4	-8.21E-4	-3.49E-4
	CC2	-0.0031	0.0207	-0.2111	2.57E-4	-8.03E-4	-3.35E-4
	CC3	-0.0016	0.0102	-0.1839	5.13E-5	-5.17E-4	-1.65E-4
	CC4	-0.0015	0.0093	-0.1826	4.21E-5	-4.99E-4	-1.51E-4
	CC5	0.0014	-0.0094	-0.0150	-4.49E-5	4.68E-4	1.52E-4
	CC6	0.0015	-0.0102	-0.0136	-5.41E-5	4.86E-4	1.66E-4
	CC7	0.0031	-0.0207	0.0135	-2.60E-4	7.72E-4	3.35E-4
	CC8	0.0032	-0.0216	0.0149	-2.69E-4	7.90E-4	3.50E-4
	CC9	-0.0037	0.0249	-0.1780	4.18E-4	-7.44E-4	-4.02E-4
	CC10	-0.0034	0.0222	-0.1738	3.90E-4	-6.88E-4	-3.59E-4
	CC11	-0.0023	0.0156	-0.1188	3.25E-4	-3.57E-4	-2.52E-4
	CC12	-0.0020	0.0130	-0.1146	2.97E-4	-3.01E-4	-2.09E-4
	CC13	0.0019	-0.0130	-0.0830	-3.00E-4	2.70E-4	2.10E-4
	CC14	0.0023	-0.0156	-0.0787	-3.27E-4	3.26E-4	2.52E-4
	CC15	0.0033	-0.0223	-0.0237	-3.93E-4	6.57E-4	3.60E-4
	CC16	0.0037	-0.0249	-0.0195	-4.21E-4	7.13E-4	4.03E-4
340	CC1	0.1648	0.3179	-0.3559	1.18E-3	-5.51E-4	-2.33E-4
	CC2	0.1638	0.3060	-0.3514	1.13E-3	-5.59E-4	-2.24E-4
	CC3	0.1604	0.0953	-0.2723	3.10E-4	-7.73E-4	-1.57E-4
	CC4	0.1594	0.0835	-0.2677	2.67E-4	-7.80E-4	-1.48E-4
	CC5	-0.1545	-0.0857	0.0609	-2.78E-4	7.82E-4	1.47E-4
	CC6	-0.1554	-0.0975	0.0655	-3.21E-4	7.74E-4	1.56E-4
	CC7	-0.1589	-0.3082	0.1446	-1.14E-3	5.61E-4	2.23E-4
	CC8	-0.1598	-0.3200	0.1491	-1.19E-3	5.53E-4	2.33E-4
	CC9	0.0591	0.4483	-0.3123	1.72E-3	1.82E-4	-1.98E-4
	CC10	0.0562	0.4124	-0.2985	1.59E-3	1.58E-4	-1.70E-4
	CC11	-0.0366	0.3272	-0.1873	1.29E-3	5.82E-4	-8.40E-5
	CC12	-0.0396	0.2913	-0.1734	1.16E-3	5.58E-4	-5.60E-5
	CC13	0.0445	-0.2935	-0.0334	-1.17E-3	-5.56E-4	5.53E-5
	CC14	0.0416	-0.3294	-0.0195	-1.30E-3	-5.80E-4	8.34E-5
	CC15	-0.0512	-0.4145	0.0917	-1.60E-3	-1.56E-4	1.69E-4
	CC16	-0.0542	-0.4505	0.1055	-1.73E-3	-1.80E-4	1.98E-4
341	CC1	0.1076	0.2191	-0.3330	1.08E-3	-7.28E-4	-3.64E-4
	CC2	0.1067	0.2108	-0.3291	1.04E-3	-7.21E-4	-3.50E-4

	CC3	0.0983	0.0706	-0.2637	2.57E-4	-6.75E-4	-2.09E-4
	CC4	0.0974	0.0624	-0.2598	2.18E-4	-6.69E-4	-1.95E-4
	CC5	-0.0932	-0.0635	0.0548	-2.30E-4	6.56E-4	1.81E-4
	CC6	-0.0941	-0.0717	0.0587	-2.69E-4	6.63E-4	1.95E-4
	CC7	-0.1025	-0.2119	0.1242	-1.06E-3	7.08E-4	3.36E-4
	CC8	-0.1034	-0.2202	0.1281	-1.10E-3	7.15E-4	3.50E-4
	CC9	0.0490	0.3018	-0.2822	1.63E-3	-3.12E-4	-3.69E-4
	CC10	0.0463	0.2767	-0.2704	1.51E-3	-2.91E-4	-3.26E-4
	CC11	-0.0113	0.2170	-0.1658	1.23E-3	1.03E-4	-2.05E-4
	CC12	-0.0140	0.1920	-0.1540	1.12E-3	1.24E-4	-1.62E-4
	CC13	0.0182	-0.1931	-0.0510	-1.13E-3	-1.37E-4	1.48E-4
	CC14	0.0155	-0.2181	-0.0391	-1.25E-3	-1.16E-4	1.91E-4
	CC15	-0.0421	-0.2778	0.0654	-1.52E-3	2.79E-4	3.11E-4
	CC16	-0.0448	-0.3029	0.0772	-1.64E-3	2.99E-4	3.54E-4
342	CC1	0.0547	0.1283	-0.3127	1.08E-3	-5.10E-4	-4.83E-4
	CC2	0.0541	0.1234	-0.3093	1.04E-3	-5.10E-4	-4.64E-4
	CC3	0.0454	0.0464	-0.2538	3.28E-4	-5.41E-4	-2.37E-4
	CC4	0.0448	0.0415	-0.2505	2.88E-4	-5.41E-4	-2.17E-4
	CC5	-0.0421	-0.0418	0.0474	-2.94E-4	5.14E-4	2.07E-4
	CC6	-0.0428	-0.0467	0.0507	-3.34E-4	5.13E-4	2.26E-4
	CC7	-0.0514	-0.1237	0.1062	-1.04E-3	4.83E-4	4.54E-4
	CC8	-0.0520	-0.1286	0.1096	-1.08E-3	4.82E-4	4.73E-4
	CC9	0.0323	0.1693	-0.2587	1.51E-3	-1.15E-4	-5.48E-4
	CC10	0.0303	0.1543	-0.2485	1.39E-3	-1.16E-4	-4.90E-4
	CC11	0.0033	0.1182	-0.1507	1.10E-3	1.92E-4	-3.41E-4
	CC12	0.0013	0.1033	-0.1405	9.77E-4	1.91E-4	-2.83E-4
	CC13	0.0014	-0.1036	-0.0626	-9.82E-4	-2.18E-4	2.73E-4
	CC14	-0.0006	-0.1185	-0.0524	-1.10E-3	-2.20E-4	3.31E-4
	CC15	-0.0277	-0.1547	0.0454	-1.39E-3	8.87E-5	4.80E-4
	CC16	-0.0297	-0.1696	0.0556	-1.52E-3	8.73E-5	5.38E-4
343	CC1	0.1988	0.0438	-0.0205	3.06E-4	2.39E-28	-1.93E-4
	CC2	0.2006	0.0443	-0.0190	3.05E-4	2.39E-28	-1.85E-4
	CC3	0.2098	-0.2263	0.0961	-9.15E-4	1.51E-28	-1.73E-4
	CC4	0.2117	-0.2258	0.0975	-9.16E-4	1.51E-28	-1.64E-4
	CC5	-0.2123	0.2212	-0.2741	8.85E-4	-1.51E-28	1.63E-4
	CC6	-0.2105	0.2217	-0.2726	8.84E-4	-1.51E-28	1.72E-4
	CC7	-0.2013	-0.0489	-0.1576	-3.35E-4	-2.39E-28	1.84E-4
	CC8	-0.1994	-0.0484	-0.1561	-3.37E-4	-2.39E-28	1.93E-4
	CC9	0.0402	0.4205	-0.2467	1.93E-3	2.06E-28	-1.01E-4
	CC10	0.0458	0.4221	-0.2423	1.93E-3	2.06E-28	-7.63E-5
	CC11	-0.0832	0.4737	-0.3228	2.11E-3	8.89E-29	5.87E-6
	CC12	-0.0776	0.4753	-0.3184	2.10E-3	8.89E-29	3.08E-5
	CC13	0.0769	-0.4799	0.1418	-2.13E-3	-8.89E-29	-3.16E-5
	CC14	0.0825	-0.4783	0.1462	-2.14E-3	-8.89E-29	-6.68E-6
	CC15	-0.0464	-0.4267	0.0657	-1.96E-3	-2.06E-28	7.55E-5
	CC16	-0.0408	-0.4251	0.0701	-1.96E-3	-2.06E-28	1.00E-4
344	CC1	0.1989	0.0607	-0.0412	3.66E-4	2.57E-28	-1.94E-4
	CC2	0.2007	0.0605	-0.0400	3.62E-4	2.57E-28	-1.86E-4
	CC3	0.2099	-0.2112	0.0537	-8.36E-4	1.61E-28	-1.73E-4
	CC4	0.2118	-0.2114	0.0549	-8.40E-4	1.61E-28	-1.65E-4
	CC5	-0.2122	0.2069	-0.2321	8.07E-4	-1.61E-28	1.63E-4
	CC6	-0.2104	0.2067	-0.2308	8.03E-4	-1.61E-28	1.71E-4
	CC7	-0.2012	-0.0650	-0.1372	-3.95E-4	-2.57E-28	1.84E-4
	CC8	-0.1993	-0.0652	-0.1360	-3.99E-4	-2.57E-28	1.92E-4
	CC9	0.0403	0.4294	-0.2199	1.93E-3	2.22E-28	-1.02E-4
	CC10	0.0459	0.4288	-0.2162	1.91E-3	2.22E-28	-7.70E-5
	CC11	-0.0831	0.4733	-0.2771	2.06E-3	9.68E-29	5.17E-6
	CC12	-0.0775	0.4726	-0.2734	2.05E-3	9.68E-29	3.01E-5
	CC13	0.0770	-0.4771	0.0963	-2.08E-3	-9.68E-29	-3.23E-5
	CC14	0.0826	-0.4778	0.1000	-2.09E-3	-9.68E-29	-7.38E-6
	CC15	-0.0463	-0.4333	0.0390	-1.95E-3	-2.22E-28	7.48E-5
	CC16	-0.0407	-0.4339	0.0427	-1.96E-3	-2.22E-28	9.97E-5
345	CC1	0.1990	0.1929	-0.0596	4.27E-4	9.79E-29	-1.95E-4
	CC2	0.2008	0.1919	-0.0585	4.21E-4	9.79E-29	-1.87E-4
	CC3	0.2100	-0.0809	0.0189	-7.93E-4	6.17E-29	-1.75E-4
	CC4	0.2118	-0.0819	0.0200	-8.00E-4	6.17E-29	-1.66E-4
	CC5	-0.2121	0.0777	-0.1978	7.66E-4	-6.17E-29	1.61E-4
	CC6	-0.2103	0.0768	-0.1968	7.59E-4	-6.17E-29	1.70E-4
	CC7	-0.2011	-0.1961	-0.1193	-4.55E-4	-9.79E-29	1.82E-4
	CC8	-0.1993	-0.1970	-0.1183	-4.61E-4	-9.79E-29	1.91E-4
	CC9	0.0404	0.4729	-0.2006	1.98E-3	8.43E-29	-1.03E-4
	CC10	0.0460	0.4701	-0.1975	1.96E-3	8.43E-29	-7.83E-5

	CC11	-0.0830	0.4384	-0.2421	2.08E-3	3.65E-29	3.86E-6
	CC12	-0.0774	0.4356	-0.2389	2.06E-3	3.65E-29	2.88E-5
	CC13	0.0771	-0.4397	0.0611	-2.09E-3	-3.65E-29	-3.36E-5
	CC14	0.0827	-0.4426	0.0642	-2.11E-3	-3.65E-29	-8.69E-6
	CC15	-0.0462	-0.4743	0.0196	-1.99E-3	-8.43E-29	7.35E-5
	CC16	-0.0406	-0.4771	0.0227	-2.01E-3	-8.43E-29	9.84E-5
<b>346</b>	CC1	0.0000	0.0000	-0.0534	0.00E+0	0.00E+0	3.05E-8
	CC2	0.0000	0.0000	-0.0526	0.00E+0	0.00E+0	3.08E-8
	CC3	0.0000	0.0000	-0.0251	0.00E+0	0.00E+0	2.46E-9
	CC4	0.0000	0.0000	-0.0243	0.00E+0	0.00E+0	2.78E-9
	CC5	0.0000	0.0000	-0.1458	0.00E+0	0.00E+0	-2.51E-9
	CC6	0.0000	0.0000	-0.1449	0.00E+0	0.00E+0	-2.19E-9
	CC7	0.0000	0.0000	-0.1174	0.00E+0	0.00E+0	-3.05E-8
	CC8	0.0000	0.0000	-0.1166	0.00E+0	0.00E+0	-3.02E-8
	CC9	0.0000	0.0000	-0.1196	0.00E+0	0.00E+0	5.13E-8
	CC10	0.0000	0.0000	-0.1171	0.00E+0	0.00E+0	5.23E-8
	CC11	0.0000	0.0000	-0.1473	0.00E+0	0.00E+0	4.14E-8
	CC12	0.0000	0.0000	-0.1448	0.00E+0	0.00E+0	4.24E-8
	CC13	0.0000	0.0000	-0.0252	0.00E+0	0.00E+0	-4.21E-8
	CC14	0.0000	0.0000	-0.0227	0.00E+0	0.00E+0	-4.11E-8
	CC15	0.0000	0.0000	-0.0529	0.00E+0	0.00E+0	-5.20E-8
	CC16	0.0000	0.0000	-0.0504	0.00E+0	0.00E+0	-5.10E-8
<b>347</b>	CC1	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	3.23E-9
	CC2	0.0000	0.0000	-0.0600	0.00E+0	0.00E+0	3.29E-9
	CC3	0.0000	0.0000	-0.0298	0.00E+0	0.00E+0	2.73E-9
	CC4	0.0000	0.0000	-0.0290	0.00E+0	0.00E+0	2.79E-9
	CC5	0.0000	0.0000	-0.1409	0.00E+0	0.00E+0	-2.70E-9
	CC6	0.0000	0.0000	-0.1402	0.00E+0	0.00E+0	-2.64E-9
	CC7	0.0000	0.0000	-0.1100	0.00E+0	0.00E+0	-3.20E-9
	CC8	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-3.14E-9
	CC9	0.0000	0.0000	-0.1257	0.00E+0	0.00E+0	1.67E-9
	CC10	0.0000	0.0000	-0.1234	0.00E+0	0.00E+0	1.85E-9
	CC11	0.0000	0.0000	-0.1497	0.00E+0	0.00E+0	-1.07E-1
	CC12	0.0000	0.0000	-0.1474	0.00E+0	0.00E+0	7.35E-11
	CC13	0.0000	0.0000	-0.0225	0.00E+0	0.00E+0	1.71E-11
	CC14	0.0000	0.0000	-0.0202	0.00E+0	0.00E+0	1.98E-1
	CC15	0.0000	0.0000	-0.0466	0.00E+0	0.00E+0	-1.76E-9
	CC16	0.0000	0.0000	-0.0443	0.00E+0	0.00E+0	-1.58E-9
<b>348</b>	CC1	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	3.58E-9
	CC2	0.0000	0.0000	-0.0678	0.00E+0	0.00E+0	3.71E-9
	CC3	0.0000	0.0000	-0.0359	0.00E+0	0.00E+0	2.55E-9
	CC4	0.0000	0.0000	-0.0352	0.00E+0	0.00E+0	2.67E-9
	CC5	0.0000	0.0000	-0.1347	0.00E+0	0.00E+0	-2.81E-9
	CC6	0.0000	0.0000	-0.1340	0.00E+0	0.00E+0	-2.68E-9
	CC7	0.0000	0.0000	-0.1021	0.00E+0	0.00E+0	-3.84E-9
	CC8	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	-3.71E-9
	CC9	0.0000	0.0000	-0.1303	0.00E+0	0.00E+0	2.42E-9
	CC10	0.0000	0.0000	-0.1282	0.00E+0	0.00E+0	2.81E-9
	CC11	0.0000	0.0000	-0.1502	0.00E+0	0.00E+0	5.00E-1
	CC12	0.0000	0.0000	-0.1480	0.00E+0	0.00E+0	8.93E-1
	CC13	0.0000	0.0000	-0.0219	0.00E+0	0.00E+0	-1.03E-9
	CC14	0.0000	0.0000	-0.0197	0.00E+0	0.00E+0	-6.35E-1
	CC15	0.0000	0.0000	-0.0417	0.00E+0	0.00E+0	-2.94E-9
	CC16	0.0000	0.0000	-0.0396	0.00E+0	0.00E+0	-2.55E-9
<b>349</b>	CC1	0.2332	-0.4297	0.0132	1.50E-29	-8.75E-4	-1.87E-4
	CC2	0.2306	-0.4090	0.0138	1.50E-29	-8.65E-4	-1.79E-4
	CC3	0.2312	-0.6485	-0.0043	9.45E-3	-8.86E-4	-1.66E-4
	CC4	0.2286	-0.6279	-0.0037	9.45E-3	-8.76E-4	-1.58E-4
	CC5	-0.2338	0.6233	-0.1714	-9.45E-3	8.70E-4	1.70E-4
	CC6	-0.2363	0.6440	-0.1708	-9.45E-3	8.80E-4	1.78E-4
	CC7	-0.2358	0.4044	-0.1889	-1.50E-29	8.59E-4	1.91E-4
	CC8	-0.2383	0.4251	-0.1883	-1.50E-29	8.69E-4	1.99E-4
	CC9	0.0747	0.1731	-0.0317	1.29E-29	-2.61E-4	-9.48E-5
	CC10	0.0669	0.2359	-0.0297	1.29E-29	-2.31E-4	-6.99E-5
	CC11	-0.0654	0.4890	-0.0871	5.54E-3	2.62E-4	1.23E-5
	CC12	-0.0732	0.5518	-0.0851	5.54E-3	2.92E-4	3.72E-5
	CC13	0.0680	-0.5564	-0.0900	-5.54E-3	-2.98E-4	-2.52E-5
	CC14	0.0603	-0.4936	-0.0880	-5.54E-3	-2.68E-4	-2.92E-7
	CC15	-0.0721	-0.2405	-0.1454	-1.29E-29	2.25E-4	8.19E-5
	CC16	-0.0798	-0.1777	-0.1434	-1.29E-29	2.56E-4	1.07E-4
<b>350</b>	CC1	0.2248	-0.4296	0.0381	1.71E-28	-8.46E-4	-1.87E-4
	CC2	0.2230	-0.4089	0.0334	1.71E-28	-8.41E-4	-1.79E-4

	CC3	0.2279	-0.6484	0.0853	1.07E-28	-8.55E-4	-1.66E-4
	CC4	0.2261	-0.6278	0.0806	1.07E-28	-8.50E-4	-1.58E-4
	CC5	-0.2301	0.6234	-0.2537	-1.07E-28	8.47E-4	1.70E-4
	CC6	-0.2319	0.6441	-0.2583	-1.07E-28	8.52E-4	1.78E-4
	CC7	-0.2270	0.4045	-0.2065	-1.71E-28	8.38E-4	1.91E-4
	CC8	-0.2288	0.4252	-0.2111	-1.71E-28	8.43E-4	1.99E-4
	CC9	0.0637	0.1732	-0.1144	1.48E-28	-2.49E-4	-9.50E-5
	CC10	0.0584	0.2360	-0.1285	1.48E-28	-2.33E-4	-7.01E-5
	CC11	-0.0727	0.4891	-0.2020	6.46E-29	2.59E-4	1.21E-5
	CC12	-0.0781	0.5519	-0.2160	6.46E-29	2.75E-4	3.70E-5
	CC13	0.0741	-0.5563	0.0429	-6.46E-29	-2.78E-4	-2.54E-5
	CC14	0.0687	-0.4935	0.0289	-6.46E-29	-2.62E-4	-4.59E-7
	CC15	-0.0624	-0.2404	-0.0446	-1.48E-28	2.29E-4	8.17E-5
	CC16	-0.0677	-0.1776	-0.0586	-1.48E-28	2.46E-4	1.07E-4
351	CC1	-0.0019	-0.0439	-0.0080	-5.03E-4	-4.54E-4	4.64E-5
	CC2	-0.0020	-0.0420	-0.0087	-4.78E-4	-4.60E-4	4.43E-5
	CC3	-0.0013	-0.0597	-0.0036	-7.84E-4	-3.40E-4	6.18E-5
	CC4	-0.0014	-0.0577	-0.0044	-7.59E-4	-3.46E-4	5.97E-5
	CC5	0.0013	0.0579	-0.1638	7.54E-4	3.82E-4	-6.01E-5
	CC6	0.0013	0.0598	-0.1646	7.78E-4	3.77E-4	-6.21E-5
	CC7	0.0020	0.0421	-0.1595	4.72E-4	4.97E-4	-4.47E-5
	CC8	0.0019	0.0441	-0.1603	4.97E-4	4.91E-4	-4.67E-5
	CC9	-0.0014	0.0081	-0.0667	2.40E-4	-2.89E-4	-6.83E-6
	CC10	-0.0016	0.0140	-0.0691	3.15E-4	-3.07E-4	-1.30E-5
	CC11	-0.0005	0.0386	-0.1135	6.17E-4	-3.80E-5	-3.88E-5
	CC12	-0.0007	0.0446	-0.1159	6.92E-4	-5.55E-5	-4.49E-5
	CC13	0.0006	-0.0444	-0.0524	-6.97E-4	9.23E-5	4.46E-5
	CC14	0.0004	-0.0384	-0.0547	-6.22E-4	7.47E-5	3.84E-5
	CC15	0.0016	-0.0139	-0.0991	-3.21E-4	3.43E-4	1.26E-5
	CC16	0.0014	-0.0079	-0.1015	-2.45E-4	3.26E-4	6.46E-6
352	CC1	0.0084	-0.0438	0.0060	-4.97E-4	-4.68E-4	4.90E-5
	CC2	0.0080	-0.0418	0.0028	-4.73E-4	-4.59E-4	4.68E-5
	CC3	0.0114	-0.0595	0.0378	-7.83E-4	-5.25E-4	6.51E-5
	CC4	0.0110	-0.0575	0.0345	-7.59E-4	-5.16E-4	6.29E-5
	CC5	-0.0111	0.0577	-0.2020	7.49E-4	5.46E-4	-6.30E-5
	CC6	-0.0114	0.0597	-0.2052	7.73E-4	5.55E-4	-6.52E-5
	CC7	-0.0081	0.0421	-0.1702	4.62E-4	4.89E-4	-4.70E-5
	CC8	-0.0084	0.0440	-0.1734	4.87E-4	4.98E-4	-4.91E-5
	CC9	-0.0016	0.0080	-0.1007	2.48E-4	-5.51E-5	-6.78E-6
	CC10	-0.0027	0.0140	-0.1104	3.22E-4	-2.90E-5	-1.33E-5
	CC11	-0.0074	0.0385	-0.1630	6.22E-4	2.49E-4	-4.04E-5
	CC12	-0.0085	0.0445	-0.1728	6.96E-4	2.75E-4	-4.69E-5
	CC13	0.0085	-0.0443	0.0053	-7.06E-4	-2.45E-4	4.68E-5
	CC14	0.0073	-0.0383	-0.0044	-6.33E-4	-2.19E-4	4.03E-5
	CC15	0.0026	-0.0138	-0.0571	-3.32E-4	5.94E-5	1.32E-5
	CC16	0.0015	-0.0078	-0.0668	-2.59E-4	8.55E-5	6.64E-6
353	CC1	0.2400	0.4319	-0.2109	7.02E-4	-1.06E-3	-2.04E-4
	CC2	0.2372	0.4160	-0.2143	6.79E-4	-1.04E-3	-1.96E-4
	CC3	0.2376	0.1200	-0.3209	1.97E-4	-8.23E-4	-1.83E-4
	CC4	0.2348	0.1040	-0.3243	1.74E-4	-8.01E-4	-1.75E-4
	CC5	-0.2305	-0.1080	0.1130	-1.22E-4	8.02E-4	1.53E-4
	CC6	-0.2332	-0.1239	0.1096	-1.45E-4	8.24E-4	1.61E-4
	CC7	-0.2328	-0.4199	0.0030	-6.27E-4	1.04E-3	1.74E-4
	CC8	-0.2356	-0.4359	-0.0005	-6.50E-4	1.06E-3	1.82E-4
	CC9	0.0809	0.6231	0.0343	1.03E-3	-7.02E-4	-1.12E-4
	CC10	0.0725	0.5747	0.0239	9.57E-4	-6.35E-4	-8.68E-5
	CC11	-0.0602	0.4611	0.1314	7.80E-4	-1.44E-4	-4.64E-6
	CC12	-0.0686	0.4128	0.1211	7.10E-4	-7.77E-5	2.03E-5
	CC13	0.0730	-0.4167	-0.3324	-6.58E-4	7.92E-5	-4.21E-5
	CC14	0.0646	-0.4651	-0.3428	-7.28E-4	1.45E-4	-1.72E-5
	CC15	-0.0681	-0.5787	-0.2353	-9.05E-4	6.37E-4	6.50E-5
	CC16	-0.0765	-0.6270	-0.2456	-9.75E-4	7.03E-4	8.99E-5
354	CC1	-0.0007	0.0514	-0.1980	6.25E-4	-4.70E-4	-4.70E-5
	CC2	-0.0008	0.0493	-0.2000	6.03E-4	-4.76E-4	-4.52E-5
	CC3	-0.0028	0.0241	-0.2615	1.42E-4	-7.33E-4	-1.79E-5
	CC4	-0.0029	0.0220	-0.2635	1.20E-4	-7.38E-4	-1.61E-5
	CC5	0.0029	-0.0222	0.0617	-1.29E-4	6.91E-4	1.55E-5
	CC6	0.0028	-0.0243	0.0597	-1.52E-4	6.86E-4	1.73E-5
	CC7	0.0008	-0.0495	-0.0018	-6.12E-4	4.29E-4	4.46E-5
	CC8	0.0007	-0.0515	-0.0038	-6.35E-4	4.23E-4	4.64E-5
	CC9	0.0031	0.0595	-0.0309	9.47E-4	2.49E-4	-6.08E-5
	CC10	0.0028	0.0532	-0.0370	8.79E-4	2.32E-4	-5.54E-5

	CC11	0.0041	0.0375	0.0470	7.21E-4	5.97E-4	-4.21E-5
	CC12	0.0039	0.0312	0.0410	6.53E-4	5.80E-4	-3.67E-5
	CC13	-0.0039	-0.0314	-0.2427	-6.63E-4	-6.27E-4	3.61E-5
	CC14	-0.0042	-0.0377	-0.2488	-7.30E-4	-6.44E-4	4.15E-5
	CC15	-0.0028	-0.0534	-0.1648	-8.89E-4	-2.79E-4	5.49E-5
	CC16	-0.0031	-0.0597	-0.1709	-9.57E-4	-2.96E-4	6.03E-5
355	CC1	0.5455	-0.9352	-0.1109	-1.47E-3	-8.65E-4	-4.85E-4
	CC2	0.5394	-0.8884	-0.1099	-1.39E-3	-8.57E-4	-4.65E-4
	CC3	0.5550	-1.5022	-0.1241	-2.37E-3	-8.72E-4	-4.05E-4
	CC4	0.5489	-1.4555	-0.1231	-2.29E-3	-8.64E-4	-3.84E-4
	CC5	-0.5471	1.4410	-0.0598	2.26E-3	8.18E-4	3.86E-4
	CC6	-0.5532	1.4878	-0.0588	2.33E-3	8.26E-4	4.07E-4
	CC7	-0.5375	0.8740	-0.0730	1.35E-3	8.11E-4	4.67E-4
	CC8	-0.5436	0.9207	-0.0720	1.43E-3	8.19E-4	4.87E-4
	CC9	0.1582	0.5104	-0.0786	8.13E-4	-2.76E-4	-2.95E-4
	CC10	0.1396	0.6523	-0.0756	1.04E-3	-2.52E-4	-2.33E-4
	CC11	-0.1696	1.2233	-0.0633	1.93E-3	2.29E-4	-3.33E-5
	CC12	-0.1882	1.3652	-0.0603	2.15E-3	2.53E-4	2.85E-5
	CC13	0.1900	-1.3797	-0.1226	-2.19E-3	-2.99E-4	-2.65E-5
	CC14	0.1714	-1.2377	-0.1196	-1.97E-3	-2.75E-4	3.53E-5
	CC15	-0.1378	-0.6668	-0.1073	-1.07E-3	2.06E-4	2.35E-4
	CC16	-0.1563	-0.5249	-0.1042	-8.51E-4	2.30E-4	2.97E-4
356	CC1	0.5261	-0.9351	0.0279	-1.41E-3	-8.59E-4	-4.86E-4
	CC2	0.5219	-0.8884	0.0219	-1.34E-3	-8.53E-4	-4.65E-4
	CC3	0.5430	-1.5022	0.1001	-2.28E-3	-8.94E-4	-4.05E-4
	CC4	0.5388	-1.4554	0.0942	-2.21E-3	-8.88E-4	-3.85E-4
	CC5	-0.5368	1.4411	-0.2736	2.17E-3	8.52E-4	3.86E-4
	CC6	-0.5410	1.4878	-0.2796	2.24E-3	8.58E-4	4.06E-4
	CC7	-0.5200	0.8740	-0.2014	1.31E-3	8.17E-4	4.66E-4
	CC8	-0.5241	0.9208	-0.2073	1.38E-3	8.23E-4	4.86E-4
	CC9	0.1386	0.5105	-0.1559	7.82E-4	-2.26E-4	-2.95E-4
	CC10	0.1260	0.6524	-0.1740	9.98E-4	-2.07E-4	-2.33E-4
	CC11	-0.1803	1.2233	-0.2464	1.86E-3	2.87E-4	-3.39E-5
	CC12	-0.1929	1.3653	-0.2644	2.07E-3	3.06E-4	2.79E-5
	CC13	0.1948	-1.3796	0.0850	-2.11E-3	-3.42E-4	-2.71E-5
	CC14	0.1822	-1.2377	0.0669	-1.89E-3	-3.24E-4	3.47E-5
	CC15	-0.1240	-0.6667	-0.0055	-1.03E-3	1.71E-4	2.34E-4
	CC16	-0.1366	-0.5248	-0.0235	-8.16E-4	1.90E-4	2.96E-4
357	CC1	0.4916	-0.8036	-0.2381	-1.67E-3	-9.72E-4	-4.10E-4
	CC2	0.4845	-0.7636	-0.2306	-1.58E-3	-9.58E-4	-3.93E-4
	CC3	0.4874	-1.2838	-0.3303	-2.77E-3	-9.80E-4	-3.43E-4
	CC4	0.4804	-1.2438	-0.3229	-2.69E-3	-9.65E-4	-3.26E-4
	CC5	-0.4828	1.2330	0.1376	2.66E-3	9.43E-4	3.29E-4
	CC6	-0.4898	1.2730	0.1451	2.74E-3	9.57E-4	3.46E-4
	CC7	-0.4869	0.7528	0.0454	1.56E-3	9.35E-4	3.95E-4
	CC8	-0.4939	0.7928	0.0529	1.64E-3	9.50E-4	4.13E-4
	CC9	0.1625	0.4288	-0.0066	1.04E-3	-3.08E-4	-2.47E-4
	CC10	0.1411	0.5501	0.0161	1.30E-3	-2.64E-4	-1.95E-4
	CC11	-0.1298	1.0398	0.1062	2.34E-3	2.67E-4	-2.53E-5
	CC12	-0.1512	1.1611	0.1288	2.60E-3	3.11E-4	2.68E-5
	CC13	0.1488	-1.1719	-0.3140	-2.63E-3	-3.33E-4	-2.45E-5
	CC14	0.1274	-1.0506	-0.2914	-2.37E-3	-2.89E-4	2.76E-5
	CC15	-0.1435	-0.5609	-0.2013	-1.33E-3	2.42E-4	1.97E-4
	CC16	-0.1649	-0.4396	-0.1787	-1.07E-3	2.86E-4	2.49E-4
358	CC1	0.4037	-0.6586	-0.2269	-1.64E-3	-9.98E-4	-3.42E-4
	CC2	0.3980	-0.6262	-0.2200	-1.56E-3	-9.82E-4	-3.28E-4
	CC3	0.4005	-1.0436	-0.3115	-2.71E-3	-1.02E-3	-2.95E-4
	CC4	0.3949	-1.0111	-0.3046	-2.63E-3	-1.00E-3	-2.80E-4
	CC5	-0.3983	1.0023	0.1216	2.61E-3	9.98E-4	2.82E-4
	CC6	-0.4040	1.0348	0.1285	2.69E-3	1.01E-3	2.96E-4
	CC7	-0.4015	0.6174	0.0371	1.54E-3	9.76E-4	3.30E-4
	CC8	-0.4071	0.6499	0.0440	1.62E-3	9.92E-4	3.44E-4
	CC9	0.1324	0.3387	-0.0134	1.01E-3	-2.90E-4	-1.94E-4
	CC10	0.1152	0.4373	0.0076	1.27E-3	-2.41E-4	-1.51E-4
	CC11	-0.1082	0.8370	0.0912	2.29E-3	3.08E-4	-6.96E-6
	CC12	-0.1254	0.9356	0.1122	2.54E-3	3.57E-4	3.67E-5
	CC13	0.1219	-0.9444	-0.2952	-2.56E-3	-3.63E-4	-3.50E-5
	CC14	0.1047	-0.8458	-0.2741	-2.31E-3	-3.14E-4	8.70E-6
	CC15	-0.1187	-0.4461	-0.1906	-1.29E-3	2.36E-4	1.52E-4
	CC16	-0.1359	-0.3475	-0.1696	-1.03E-3	2.85E-4	1.96E-4
359	CC1	0.3168	-0.5210	-0.2114	-1.50E-3	-9.47E-4	-2.73E-4
	CC2	0.3126	-0.4955	-0.2052	-1.43E-3	-9.32E-4	-2.61E-4

	CC3	0.3133	-0.8161	-0.2852	-2.47E-3	-9.66E-4	-2.42E-4
	CC4	0.3090	-0.7906	-0.2791	-2.40E-3	-9.51E-4	-2.31E-4
	CC5	-0.3129	0.7838	0.0983	2.37E-3	9.45E-4	2.33E-4
	CC6	-0.3172	0.8092	0.1044	2.45E-3	9.60E-4	2.44E-4
	CC7	-0.3164	0.4887	0.0245	1.40E-3	9.26E-4	2.63E-4
	CC8	-0.3207	0.5141	0.0306	1.48E-3	9.41E-4	2.74E-4
	CC9	0.1049	0.2541	-0.0230	9.09E-4	-2.78E-4	-1.43E-4
	CC10	0.0919	0.3314	-0.0045	1.14E-3	-2.33E-4	-1.08E-4
	CC11	-0.0840	0.6455	0.0699	2.07E-3	2.90E-4	8.49E-6
	CC12	-0.0970	0.7228	0.0884	2.30E-3	3.35E-4	4.36E-5
	CC13	0.0932	-0.7297	-0.2692	-2.32E-3	-3.41E-4	-4.20E-5
	CC14	0.0802	-0.6524	-0.2506	-2.09E-3	-2.96E-4	-6.85E-6
	CC15	-0.0958	-0.3382	-0.1763	-1.16E-3	2.27E-4	1.10E-4
	CC16	-0.1087	-0.2610	-0.1577	-9.32E-4	2.72E-4	1.45E-4
360	CC1	0.4354	-0.7964	0.1600	-1.61E-3	-8.50E-4	-4.18E-4
	CC2	0.4336	-0.7568	0.1475	-1.53E-3	-8.45E-4	-4.00E-4
	CC3	0.4543	-1.2720	0.3134	-2.68E-3	-9.12E-4	-3.55E-4
	CC4	0.4525	-1.2324	0.3009	-2.60E-3	-9.08E-4	-3.38E-4
	CC5	-0.4529	1.2214	-0.4760	2.56E-3	8.88E-4	3.37E-4
	CC6	-0.4548	1.2610	-0.4886	2.64E-3	8.93E-4	3.55E-4
	CC7	-0.4340	0.7458	-0.3226	1.50E-3	8.26E-4	4.00E-4
	CC8	-0.4359	0.7854	-0.3352	1.58E-3	8.30E-4	4.17E-4
	CC9	0.1043	0.4244	-0.2288	1.00E-3	-1.73E-4	-2.44E-4
	CC10	0.0987	0.5445	-0.2669	1.25E-3	-1.60E-4	-1.91E-4
	CC11	-0.1622	1.0297	-0.4196	2.26E-3	3.49E-4	-1.78E-5
	CC12	-0.1678	1.1498	-0.4577	2.51E-3	3.62E-4	3.54E-5
	CC13	0.1673	-1.1608	0.2826	-2.54E-3	-3.81E-4	-3.60E-5
	CC14	0.1618	-1.0407	0.2445	-2.29E-3	-3.68E-4	1.72E-5
	CC15	-0.0992	-0.5555	0.0917	-1.29E-3	1.40E-4	1.90E-4
	CC16	-0.1047	-0.4354	0.0536	-1.04E-3	1.53E-4	2.44E-4
361	CC1	0.3615	-0.6581	0.1486	-1.56E-3	-8.41E-4	-3.46E-4
	CC2	0.3600	-0.6256	0.1367	-1.48E-3	-8.37E-4	-3.31E-4
	CC3	0.3749	-1.0426	0.2928	-2.58E-3	-9.03E-4	-3.00E-4
	CC4	0.3734	-1.0102	0.2809	-2.50E-3	-8.98E-4	-2.85E-4
	CC5	-0.3752	1.0020	-0.4549	2.47E-3	8.87E-4	2.85E-4
	CC6	-0.3767	1.0344	-0.4668	2.55E-3	8.91E-4	3.00E-4
	CC7	-0.3618	0.6174	-0.3107	1.45E-3	8.26E-4	3.31E-4
	CC8	-0.3633	0.6499	-0.3226	1.53E-3	8.30E-4	3.46E-4
	CC9	0.0895	0.3386	-0.2188	9.62E-4	-1.69E-4	-1.93E-4
	CC10	0.0851	0.4371	-0.2549	1.20E-3	-1.56E-4	-1.49E-4
	CC11	-0.1315	0.8366	-0.3998	2.17E-3	3.50E-4	-3.54E-6
	CC12	-0.1360	0.9351	-0.4359	2.41E-3	3.62E-4	4.07E-5
	CC13	0.1342	-0.9433	0.2619	-2.44E-3	-3.74E-4	-4.07E-5
	CC14	0.1298	-0.8448	0.2258	-2.20E-3	-3.61E-4	3.50E-6
	CC15	-0.0868	-0.4453	0.0809	-1.23E-3	1.45E-4	1.49E-4
	CC16	-0.0913	-0.3468	0.0448	-9.92E-4	1.58E-4	1.93E-4
362	CC1	0.2883	-0.5258	0.1330	-1.47E-3	-8.20E-4	-2.71E-4
	CC2	0.2872	-0.5001	0.1219	-1.39E-3	-8.16E-4	-2.60E-4
	CC3	0.2967	-0.8240	0.2654	-2.42E-3	-8.68E-4	-2.40E-4
	CC4	0.2956	-0.7982	0.2543	-2.34E-3	-8.65E-4	-2.29E-4
	CC5	-0.2982	0.7924	-0.4272	2.32E-3	8.57E-4	2.30E-4
	CC6	-0.2993	0.8182	-0.4382	2.39E-3	8.61E-4	2.41E-4
	CC7	-0.2897	0.4943	-0.2947	1.37E-3	8.09E-4	2.61E-4
	CC8	-0.2908	0.5200	-0.3058	1.44E-3	8.12E-4	2.72E-4
	CC9	0.0742	0.2573	-0.2064	8.90E-4	-1.80E-4	-1.44E-4
	CC10	0.0709	0.3354	-0.2399	1.11E-3	-1.70E-4	-1.09E-4
	CC11	-0.1017	0.6527	-0.3744	2.03E-3	3.23E-4	6.69E-6
	CC12	-0.1051	0.7308	-0.4079	2.25E-3	3.33E-4	4.16E-5
	CC13	0.1025	-0.7366	0.2351	-2.27E-3	-3.41E-4	-4.05E-5
	CC14	0.0991	-0.6585	0.2016	-2.05E-3	-3.30E-4	-5.54E-6
	CC15	-0.0734	-0.3411	0.0670	-1.14E-3	1.62E-4	1.10E-4
	CC16	-0.0768	-0.2631	0.0335	-9.15E-4	1.73E-4	1.45E-4
363	CC1	0.5700	-0.9669	-0.2544	-1.59E-3	-2.44E-4	-4.86E-4
	CC2	0.5618	-0.9188	-0.2462	-1.51E-3	-2.32E-4	-4.66E-4
	CC3	0.5672	-1.5287	-0.3639	-2.57E-3	-3.96E-4	-4.06E-4
	CC4	0.5589	-1.4806	-0.3557	-2.49E-3	-3.84E-4	-3.85E-4
	CC5	-0.5574	1.4660	0.1710	2.45E-3	3.77E-4	3.85E-4
	CC6	-0.5657	1.5141	0.1792	2.53E-3	3.89E-4	4.05E-4
	CC7	-0.5603	0.9042	0.0615	1.46E-3	2.25E-4	4.65E-4
	CC8	-0.5686	0.9523	0.0697	1.54E-3	2.37E-4	4.86E-4
	CC9	0.1872	0.4911	0.0138	8.96E-4	1.38E-4	-2.96E-4
	CC10	0.1621	0.6371	0.0387	1.14E-3	1.75E-4	-2.34E-4

	CC11	-0.1510	1.2210	0.1414	2.11E-3	3.24E-4	-3.45E-5
	CC12	-0.1761	1.3669	0.1664	2.35E-3	3.62E-4	2.73E-5
	CC13	0.1776	-1.3815	-0.3511	-2.39E-3	-3.69E-4	-2.77E-5
	CC14	0.1525	-1.2356	-0.3261	-2.15E-3	-3.32E-4	3.41E-5
	CC15	-0.1606	-0.6517	-0.2235	-1.18E-3	-1.82E-4	2.34E-4
	CC16	-0.1857	-0.5057	-0.1985	-9.41E-4	-1.45E-4	2.95E-4
364	CC1	0.4898	-0.8488	0.1911	-1.74E-3	-9.70E-4	-3.52E-4
	CC2	0.4826	-0.8070	0.1995	-1.65E-3	-9.54E-4	-3.38E-4
	CC3	0.4853	-1.3148	0.0736	-2.79E-3	-9.88E-4	-2.51E-4
	CC4	0.4781	-1.2730	0.0820	-2.70E-3	-9.72E-4	-2.36E-4
	CC5	-0.4800	1.2612	-0.2637	2.67E-3	9.43E-4	2.36E-4
	CC6	-0.4872	1.3030	-0.2553	2.76E-3	9.59E-4	2.50E-4
	CC7	-0.4845	0.7952	-0.3812	1.62E-3	9.25E-4	3.37E-4
	CC8	-0.4917	0.8370	-0.3728	1.71E-3	9.41E-4	3.52E-4
	CC9	0.1628	0.3909	0.1605	9.42E-4	-2.97E-4	-2.79E-4
	CC10	0.1412	0.5176	0.1860	1.21E-3	-2.48E-4	-2.36E-4
	CC11	-0.1281	1.0239	0.0241	2.27E-3	2.77E-4	-1.03E-4
	CC12	-0.1498	1.1506	0.0495	2.53E-3	3.26E-4	-5.94E-5
	CC13	0.1479	-1.1624	-0.2312	-2.56E-3	-3.55E-4	5.90E-5
	CC14	0.1262	-1.0357	-0.2057	-2.30E-3	-3.07E-4	1.02E-4
	CC15	-0.1431	-0.5294	-0.3676	-1.24E-3	2.19E-4	2.35E-4
	CC16	-0.1647	-0.4027	-0.3422	-9.73E-4	2.67E-4	2.79E-4
365	CC1	0.4046	-0.7016	0.1738	-1.64E-3	-9.72E-4	-3.12E-4
	CC2	0.3989	-0.6673	0.1816	-1.55E-3	-9.56E-4	-2.99E-4
	CC3	0.3993	-1.0795	0.0650	-2.62E-3	-9.90E-4	-2.48E-4
	CC4	0.3935	-1.0453	0.0728	-2.53E-3	-9.74E-4	-2.35E-4
	CC5	-0.3973	1.0361	-0.2534	2.51E-3	9.61E-4	2.35E-4
	CC6	-0.4030	1.0704	-0.2456	2.59E-3	9.76E-4	2.48E-4
	CC7	-0.4026	0.6582	-0.3622	1.53E-3	9.42E-4	2.99E-4
	CC8	-0.4084	0.6925	-0.3544	1.61E-3	9.58E-4	3.12E-4
	CC9	0.1360	0.3126	0.1433	8.72E-4	-2.90E-4	-2.07E-4
	CC10	0.1186	0.4166	0.1669	1.12E-3	-2.42E-4	-1.68E-4
	CC11	-0.1045	0.8339	0.0151	2.12E-3	2.90E-4	-4.34E-5
	CC12	-0.1220	0.9379	0.0388	2.36E-3	3.38E-4	-3.72E-6
	CC13	0.1182	-0.9471	-0.2193	-2.39E-3	-3.52E-4	3.97E-6
	CC14	0.1008	-0.8431	-0.1957	-2.14E-3	-3.03E-4	4.37E-5
	CC15	-0.1224	-0.4258	-0.3475	-1.15E-3	2.28E-4	1.68E-4
	CC16	-0.1398	-0.3217	-0.3238	-9.00E-4	2.76E-4	2.08E-4
366	CC1	0.3203	-0.5616	0.1507	-1.57E-3	-9.28E-4	-2.58E-4
	CC2	0.3159	-0.5344	0.1577	-1.49E-3	-9.15E-4	-2.47E-4
	CC3	0.3149	-0.8568	0.0533	-2.50E-3	-9.07E-4	-2.25E-4
	CC4	0.3105	-0.8295	0.0603	-2.42E-3	-8.94E-4	-2.14E-4
	CC5	-0.3153	0.8227	-0.2392	2.40E-3	8.83E-4	2.15E-4
	CC6	-0.3197	0.8500	-0.2322	2.48E-3	8.96E-4	2.26E-4
	CC7	-0.3207	0.5276	-0.3367	1.47E-3	9.04E-4	2.47E-4
	CC8	-0.3252	0.5548	-0.3297	1.55E-3	9.17E-4	2.58E-4
	CC9	0.1087	0.2396	0.1208	8.23E-4	-3.32E-4	-1.41E-4
	CC10	0.0953	0.3222	0.1420	1.06E-3	-2.93E-4	-1.08E-4
	CC11	-0.0820	0.6549	0.0038	2.01E-3	2.12E-4	9.19E-7
	CC12	-0.0954	0.7375	0.0251	2.25E-3	2.51E-4	3.43E-5
	CC13	0.0906	-0.7444	-0.2040	-2.28E-3	-2.62E-4	-3.35E-5
	CC14	0.0772	-0.6617	-0.1827	-2.04E-3	-2.23E-4	-3.90E-8
	CC15	-0.1001	-0.3291	-0.3210	-1.08E-3	2.82E-4	1.08E-4
	CC16	-0.1135	-0.2464	-0.2997	-8.48E-4	3.21E-4	1.42E-4
367	CC1	0.5095	-0.9667	0.1638	-1.60E-3	-2.46E-4	-4.86E-4
	CC2	0.5071	-0.9186	0.1511	-1.52E-3	-2.34E-4	-4.66E-4
	CC3	0.5330	-1.5285	0.3174	-2.63E-3	-4.04E-4	-4.06E-4
	CC4	0.5306	-1.4804	0.3046	-2.55E-3	-3.91E-4	-3.86E-4
	CC5	-0.5286	1.4661	-0.4792	2.51E-3	3.85E-4	3.85E-4
	CC6	-0.5310	1.5142	-0.4920	2.59E-3	3.98E-4	4.05E-4
	CC7	-0.5051	0.9043	-0.3257	1.48E-3	2.28E-4	4.65E-4
	CC8	-0.5075	0.9524	-0.3384	1.56E-3	2.40E-4	4.86E-4
	CC9	0.1212	0.4913	-0.2274	9.52E-4	1.46E-4	-2.96E-4
	CC10	0.1139	0.6372	-0.2661	1.20E-3	1.84E-4	-2.34E-4
	CC11	-0.1903	1.2211	-0.4203	2.19E-3	3.36E-4	-3.47E-5
	CC12	-0.1976	1.3671	-0.4590	2.43E-3	3.74E-4	2.71E-5
	CC13	0.1995	-1.3814	0.2844	-2.47E-3	-3.80E-4	-2.79E-5
	CC14	0.1922	-1.2354	0.2457	-2.23E-3	-3.42E-4	3.39E-5
	CC15	-0.1119	-0.6515	0.0915	-1.24E-3	-1.90E-4	2.33E-4
	CC16	-0.1192	-0.5056	0.0528	-9.92E-4	-1.52E-4	2.95E-4
368	CC1	0.4383	-0.8484	0.1609	-1.73E-3	-8.48E-4	-3.88E-4
	CC2	0.4360	-0.8067	0.1486	-1.65E-3	-8.43E-4	-3.72E-4



	CC3	0.4576	-1.3142	0.3054	-2.79E-3	-8.93E-4	-3.07E-4
	CC4	0.4553	-1.2725	0.2931	-2.70E-3	-8.89E-4	-2.91E-4
	CC5	-0.4557	1.2611	-0.4659	2.67E-3	8.67E-4	2.90E-4
	CC6	-0.4580	1.3028	-0.4783	2.75E-3	8.72E-4	3.06E-4
	CC7	-0.4363	0.7953	-0.3214	1.62E-3	8.21E-4	3.71E-4
	CC8	-0.4386	0.8370	-0.3338	1.70E-3	8.26E-4	3.87E-4
	CC9	0.1052	0.3909	-0.2145	9.43E-4	-1.98E-4	-2.61E-4
	CC10	0.0982	0.5175	-0.2520	1.21E-3	-1.85E-4	-2.12E-4
	CC11	-0.1630	1.0237	-0.4026	2.26E-3	3.16E-4	-5.79E-5
	CC12	-0.1700	1.1504	-0.4400	2.53E-3	3.29E-4	-8.55E-6
	CC13	0.1696	-1.1618	0.2672	-2.56E-3	-3.51E-4	7.66E-6
	CC14	0.1626	-1.0351	0.2297	-2.29E-3	-3.38E-4	5.70E-5
	CC15	-0.0986	-0.5289	0.0791	-1.24E-3	1.64E-4	2.11E-4
	CC16	-0.1055	-0.4022	0.0417	-9.75E-4	1.77E-4	2.60E-4
369	CC1	0.3644	-0.7015	0.1511	-1.63E-3	-8.46E-4	-3.25E-4
	CC2	0.3625	-0.6672	0.1393	-1.55E-3	-8.42E-4	-3.11E-4
	CC3	0.3795	-1.0793	0.2879	-2.60E-3	-8.87E-4	-2.69E-4
	CC4	0.3776	-1.0450	0.2761	-2.52E-3	-8.83E-4	-2.55E-4
	CC5	-0.3794	1.0363	-0.4485	2.49E-3	8.69E-4	2.55E-4
	CC6	-0.3814	1.0706	-0.4603	2.57E-3	8.73E-4	2.68E-4
	CC7	-0.3644	0.6585	-0.3117	1.52E-3	8.28E-4	3.10E-4
	CC8	-0.3663	0.6928	-0.3235	1.60E-3	8.32E-4	3.24E-4
	CC9	0.0884	0.3126	-0.2063	8.70E-4	-2.02E-4	-2.01E-4
	CC10	0.0826	0.4167	-0.2421	1.12E-3	-1.90E-4	-1.59E-4
	CC11	-0.1348	0.8340	-0.3862	2.11E-3	3.12E-4	-2.76E-5
	CC12	-0.1406	0.9380	-0.4220	2.35E-3	3.25E-4	1.44E-5
	CC13	0.1387	-0.9467	0.2496	-2.38E-3	-3.38E-4	-1.50E-5
	CC14	0.1329	-0.8426	0.2138	-2.14E-3	-3.26E-4	2.70E-5
	CC15	-0.0845	-0.4254	0.0697	-1.15E-3	1.76E-4	1.59E-4
	CC16	-0.0903	-0.3213	0.0339	-8.99E-4	1.88E-4	2.01E-4
370	CC1	0.2907	-0.5613	0.1371	-1.57E-3	-8.31E-4	-2.40E-4
	CC2	0.2892	-0.5341	0.1260	-1.49E-3	-8.24E-4	-2.30E-4
	CC3	0.3010	-0.8563	0.2633	-2.49E-3	-9.13E-4	-1.97E-4
	CC4	0.2995	-0.8291	0.2523	-2.41E-3	-9.06E-4	-1.87E-4
	CC5	-0.3024	0.8228	-0.4241	2.39E-3	8.96E-4	1.86E-4
	CC6	-0.3039	0.8501	-0.4352	2.46E-3	9.04E-4	1.96E-4
	CC7	-0.2921	0.5278	-0.2979	1.46E-3	8.15E-4	2.30E-4
	CC8	-0.2936	0.5550	-0.3089	1.54E-3	8.22E-4	2.40E-4
	CC9	0.0727	0.2396	-0.1954	8.16E-4	-1.39E-4	-1.52E-4
	CC10	0.0682	0.3223	-0.2289	1.05E-3	-1.16E-4	-1.21E-4
	CC11	-0.1053	0.6549	-0.3637	2.00E-3	3.80E-4	-2.38E-5
	CC12	-0.1098	0.7375	-0.3973	2.24E-3	4.02E-4	6.91E-6
	CC13	0.1069	-0.7438	0.2254	-2.26E-3	-4.11E-4	-7.31E-6
	CC14	0.1024	-0.6611	0.1919	-2.03E-3	-3.89E-4	2.34E-5
	CC15	-0.0711	-0.3286	0.0570	-1.08E-3	1.07E-4	1.21E-4
	CC16	-0.0756	-0.2459	0.0235	-8.42E-4	1.30E-4	1.51E-4
371	CC1	0.5676	0.0375	0.0771	1.39E-4	3.52E-4	-4.83E-4
	CC2	0.5596	0.0434	0.0755	1.50E-4	3.47E-4	-4.62E-4
	CC3	0.5646	-0.6909	0.0578	-1.37E-3	3.61E-4	-4.02E-4
	CC4	0.5566	-0.6849	0.0561	-1.36E-3	3.56E-4	-3.82E-4
	CC5	-0.5564	0.6679	-0.2707	1.31E-3	-3.22E-4	3.89E-4
	CC6	-0.5645	0.6738	-0.2724	1.32E-3	-3.27E-4	4.09E-4
	CC7	-0.5594	-0.0605	-0.2901	-1.94E-4	-3.12E-4	4.69E-4
	CC8	-0.5675	-0.0545	-0.2917	-1.83E-4	-3.17E-4	4.89E-4
	CC9	0.1859	1.1018	-0.0203	2.30E-3	1.10E-4	-2.92E-4
	CC10	0.1614	1.1198	-0.0253	2.33E-3	9.45E-5	-2.30E-4
	CC11	-0.1513	1.2909	-0.1247	2.65E-3	-9.23E-5	-3.09E-5
	CC12	-0.1758	1.3089	-0.1297	2.68E-3	-1.08E-4	3.09E-5
	CC13	0.1760	-1.3260	-0.0849	-2.73E-3	1.42E-4	-2.41E-5
	CC14	0.1515	-1.3080	-0.0899	-2.69E-3	1.27E-4	3.77E-5
	CC15	-0.1613	-1.1369	-0.1893	-2.38E-3	-6.01E-5	2.37E-4
	CC16	-0.1857	-1.1189	-0.1942	-2.34E-3	-7.53E-5	2.99E-4
372	CC1	0.5675	0.0989	0.0758	2.57E-4	-4.74E-4	-4.83E-4
	CC2	0.5595	0.1022	0.0742	2.64E-4	-4.67E-4	-4.62E-4
	CC3	0.5646	-0.6397	0.0556	-1.29E-3	-4.79E-4	-4.02E-4
	CC4	0.5565	-0.6364	0.0539	-1.29E-3	-4.73E-4	-3.82E-4
	CC5	-0.5565	0.6184	-0.2653	1.24E-3	4.83E-4	3.89E-4
	CC6	-0.5646	0.6218	-0.2670	1.25E-3	4.90E-4	4.09E-4
	CC7	-0.5595	-0.1202	-0.2856	-3.08E-4	4.78E-4	4.69E-4
	CC8	-0.5676	-0.1168	-0.2872	-3.01E-4	4.84E-4	4.89E-4
	CC9	0.1858	1.1391	-0.0183	2.40E-3	-1.39E-4	-2.92E-4
	CC10	0.1613	1.1492	-0.0233	2.42E-3	-1.19E-4	-2.30E-4

	CC11	-0.1514	1.2949	-0.1207	2.70E-3	1.48E-4	-3.09E-5
	CC12	-0.1759	1.3050	-0.1256	2.72E-3	1.68E-4	3.09E-5
	CC13	0.1759	-1.3230	-0.0858	-2.76E-3	-1.58E-4	-2.41E-5
	CC14	0.1514	-1.3129	-0.0907	-2.74E-3	-1.38E-4	3.77E-5
	CC15	-0.1613	-1.1671	-0.1881	-2.47E-3	1.29E-4	2.37E-4
	CC16	-0.1858	-1.1570	-0.1931	-2.45E-3	1.49E-4	2.99E-4
373	CC1	0.5675	0.1315	0.0350	3.17E-4	-7.04E-4	-4.83E-4
	CC2	0.5595	0.1334	0.0340	3.21E-4	-6.94E-4	-4.63E-4
	CC3	0.5646	-0.6126	0.0145	-1.25E-3	-7.10E-4	-4.03E-4
	CC4	0.5565	-0.6106	0.0134	-1.24E-3	-7.01E-4	-3.82E-4
	CC5	-0.5565	0.5922	-0.2245	1.19E-3	7.02E-4	3.88E-4
	CC6	-0.5646	0.5942	-0.2256	1.20E-3	7.12E-4	4.08E-4
	CC7	-0.5595	-0.1518	-0.2451	-3.67E-4	6.95E-4	4.69E-4
	CC8	-0.5676	-0.1499	-0.2461	-3.63E-4	7.05E-4	4.89E-4
	CC9	0.1858	1.1588	-0.0308	2.44E-3	-2.14E-4	-2.93E-4
	CC10	0.1613	1.1648	-0.0340	2.46E-3	-1.84E-4	-2.31E-4
	CC11	-0.1514	1.2971	-0.1086	2.71E-3	2.08E-4	-3.13E-5
	CC12	-0.1759	1.3030	-0.1119	2.72E-3	2.38E-4	3.05E-5
	CC13	0.1759	-1.3214	-0.0992	-2.76E-3	-2.36E-4	-2.45E-5
	CC14	0.1514	-1.3154	-0.1024	-2.75E-3	-2.07E-4	3.73E-5
	CC15	-0.1613	-1.1831	-0.1771	-2.50E-3	1.85E-4	2.37E-4
	CC16	-0.1858	-1.1772	-0.1803	-2.49E-3	2.15E-4	2.99E-4
374	CC1	0.5046	-0.0220	0.0661	8.74E-5	-9.74E-4	-4.10E-4
	CC2	0.4974	-0.0150	0.0646	9.93E-5	-9.59E-4	-3.92E-4
	CC3	0.5018	-0.6192	0.0482	-1.30E-3	-9.81E-4	-3.43E-4
	CC4	0.4947	-0.6122	0.0467	-1.29E-3	-9.67E-4	-3.26E-4
	CC5	-0.4938	0.5993	-0.2613	1.26E-3	9.58E-4	3.31E-4
	CC6	-0.5009	0.6063	-0.2628	1.27E-3	9.73E-4	3.49E-4
	CC7	-0.4965	0.0021	-0.2792	-1.33E-4	9.51E-4	3.97E-4
	CC8	-0.5036	0.0091	-0.2807	-1.21E-4	9.66E-4	4.15E-4
	CC9	0.1656	0.8852	-0.0261	2.11E-3	-3.04E-4	-2.45E-4
	CC10	0.1440	0.9064	-0.0306	2.14E-3	-2.59E-4	-1.92E-4
	CC11	-0.1339	1.0716	-0.1243	2.46E-3	2.76E-4	-2.27E-5
	CC12	-0.1555	1.0928	-0.1288	2.49E-3	3.20E-4	2.98E-5
	CC13	0.1565	-1.1057	-0.0858	-2.53E-3	-3.29E-4	-2.47E-5
	CC14	0.1348	-1.0845	-0.0903	-2.49E-3	-2.84E-4	2.78E-5
	CC15	-0.1430	-0.9193	-0.1840	-2.18E-3	2.51E-4	1.98E-4
	CC16	-0.1647	-0.8981	-0.1885	-2.14E-3	2.95E-4	2.50E-4
375	CC1	0.4069	-0.0317	0.0584	8.57E-5	-1.18E-3	-3.37E-4
	CC2	0.4013	-0.0256	0.0571	9.59E-5	-1.17E-3	-3.23E-4
	CC3	0.4039	-0.5113	0.0411	-1.23E-3	-1.19E-3	-2.85E-4
	CC4	0.3983	-0.5053	0.0398	-1.22E-3	-1.17E-3	-2.71E-4
	CC5	-0.3988	0.4951	-0.2511	1.19E-3	1.15E-3	2.75E-4
	CC6	-0.4044	0.5011	-0.2525	1.20E-3	1.17E-3	2.90E-4
	CC7	-0.4018	0.0155	-0.2684	-1.25E-4	1.15E-3	3.27E-4
	CC8	-0.4074	0.0215	-0.2698	-1.15E-4	1.16E-3	3.41E-4
	CC9	0.1342	0.7062	-0.0283	1.99E-3	-3.74E-4	-1.97E-4
	CC10	0.1171	0.7244	-0.0325	2.02E-3	-3.20E-4	-1.54E-4
	CC11	-0.1075	0.8642	-0.1212	2.32E-3	3.27E-4	-1.35E-5
	CC12	-0.1247	0.8825	-0.1254	2.35E-3	3.81E-4	2.98E-5
	CC13	0.1242	-0.8926	-0.0860	-2.38E-3	-4.02E-4	-2.53E-5
	CC14	0.1070	-0.8744	-0.0902	-2.35E-3	-3.48E-4	1.80E-5
	CC15	-0.1175	-0.7346	-0.1789	-2.05E-3	2.99E-4	1.58E-4
	CC16	-0.1347	-0.7164	-0.1831	-2.02E-3	3.53E-4	2.02E-4
376	CC1	0.3077	-0.0389	0.0489	4.30E-5	-1.00E-3	-2.64E-4
	CC2	0.3036	-0.0338	0.0477	5.38E-5	-9.86E-4	-2.53E-4
	CC3	0.3045	-0.4060	0.0322	-1.20E-3	-1.01E-3	-2.28E-4
	CC4	0.3004	-0.4009	0.0310	-1.19E-3	-9.94E-4	-2.16E-4
	CC5	-0.3025	0.3933	-0.2391	1.16E-3	9.82E-4	2.20E-4
	CC6	-0.3066	0.3984	-0.2403	1.17E-3	9.97E-4	2.31E-4
	CC7	-0.3057	0.0262	-0.2558	-8.46E-5	9.74E-4	2.57E-4
	CC8	-0.3098	0.0313	-0.2571	-7.39E-5	9.89E-4	2.68E-4
	CC9	0.1021	0.5355	-0.0311	1.87E-3	-3.14E-4	-1.49E-4
	CC10	0.0895	0.5509	-0.0349	1.90E-3	-2.68E-4	-1.15E-4
	CC11	-0.0810	0.6651	-0.1175	2.21E-3	2.81E-4	-3.47E-6
	CC12	-0.0936	0.6806	-0.1213	2.24E-3	3.27E-4	3.06E-5
	CC13	0.0915	-0.6882	-0.0868	-2.27E-3	-3.39E-4	-2.68E-5
	CC14	0.0788	-0.6727	-0.0906	-2.24E-3	-2.93E-4	7.29E-6
	CC15	-0.0916	-0.5585	-0.1733	-1.94E-3	2.56E-4	1.18E-4
	CC16	-0.1042	-0.5430	-0.1770	-1.90E-3	3.02E-4	1.53E-4
377	CC1	0.4862	0.1293	-0.0175	4.09E-4	-9.91E-4	-4.11E-4
	CC2	0.4794	0.1299	-0.0178	4.08E-4	-9.76E-4	-3.94E-4

	CC3	0.4834	-0.4907	-0.0374	-1.05E-3	-9.99E-4	-3.45E-4
	CC4	0.4766	-0.4901	-0.0377	-1.06E-3	-9.84E-4	-3.28E-4
	CC5	-0.4771	0.4753	-0.1715	1.02E-3	9.79E-4	3.30E-4
	CC6	-0.4839	0.4759	-0.1718	1.02E-3	9.94E-4	3.48E-4
	CC7	-0.4799	-0.1448	-0.1914	-4.47E-4	9.71E-4	3.97E-4
	CC8	-0.4867	-0.1442	-0.1917	-4.49E-4	9.86E-4	4.14E-4
	CC9	0.1593	0.9732	-0.0478	2.33E-3	-3.08E-4	-2.47E-4
	CC10	0.1385	0.9750	-0.0488	2.33E-3	-2.62E-4	-1.94E-4
	CC11	-0.1297	1.0770	-0.0940	2.51E-3	2.83E-4	-2.41E-5
	CC12	-0.1505	1.0788	-0.0950	2.51E-3	3.29E-4	2.83E-5
	CC13	0.1500	-1.0936	-0.1142	-2.55E-3	-3.34E-4	-2.59E-5
	CC14	0.1292	-1.0919	-0.1152	-2.55E-3	-2.89E-4	2.66E-5
	CC15	-0.1390	-0.9898	-0.1604	-2.37E-3	2.57E-4	1.97E-4
	CC16	-0.1598	-0.9881	-0.1614	-2.37E-3	3.02E-4	2.49E-4
378	CC1	0.3995	0.0919	-0.0205	3.94E-4	-9.73E-4	-3.39E-4
	CC2	0.3939	0.0927	-0.0208	3.92E-4	-9.58E-4	-3.25E-4
	CC3	0.3964	-0.4050	-0.0396	-9.74E-4	-9.81E-4	-2.87E-4
	CC4	0.3909	-0.4042	-0.0398	-9.77E-4	-9.66E-4	-2.73E-4
	CC5	-0.3918	0.3926	-0.1670	9.42E-4	9.62E-4	2.75E-4
	CC6	-0.3974	0.3934	-0.1673	9.40E-4	9.77E-4	2.89E-4
	CC7	-0.3948	-0.1043	-0.1861	-4.26E-4	9.54E-4	3.26E-4
	CC8	-0.4004	-0.1035	-0.1864	-4.29E-4	9.69E-4	3.41E-4
	CC9	0.1317	0.7760	-0.0493	2.19E-3	-3.01E-4	-1.99E-4
	CC10	0.1148	0.7784	-0.0501	2.18E-3	-2.56E-4	-1.56E-4
	CC11	-0.1057	0.8662	-0.0932	2.35E-3	2.80E-4	-1.49E-5
	CC12	-0.1225	0.8686	-0.0941	2.34E-3	3.24E-4	2.83E-5
	CC13	0.1216	-0.8802	-0.1128	-2.38E-3	-3.29E-4	-2.68E-5
	CC14	0.1048	-0.8778	-0.1136	-2.38E-3	-2.84E-4	1.64E-5
	CC15	-0.1158	-0.7900	-0.1568	-2.21E-3	2.52E-4	1.57E-4
	CC16	-0.1326	-0.7876	-0.1576	-2.22E-3	2.97E-4	2.00E-4
379	CC1	0.3162	0.0578	-0.0239	3.40E-4	-9.10E-4	-2.66E-4
	CC2	0.3119	0.0588	-0.0241	3.38E-4	-8.96E-4	-2.55E-4
	CC3	0.3130	-0.3215	-0.0421	-9.57E-4	-9.18E-4	-2.30E-4
	CC4	0.3087	-0.3205	-0.0423	-9.58E-4	-9.04E-4	-2.18E-4
	CC5	-0.3099	0.3119	-0.1620	9.24E-4	9.01E-4	2.19E-4
	CC6	-0.3142	0.3129	-0.1623	9.23E-4	9.15E-4	2.30E-4
	CC7	-0.3131	-0.0674	-0.1802	-3.72E-4	8.94E-4	2.56E-4
	CC8	-0.3174	-0.0664	-0.1804	-3.74E-4	9.07E-4	2.67E-4
	CC9	0.1052	0.5884	-0.0508	2.06E-3	-2.81E-4	-1.50E-4
	CC10	0.0922	0.5913	-0.0515	2.05E-3	-2.39E-4	-1.16E-4
	CC11	-0.0827	0.6646	-0.0922	2.23E-3	2.62E-4	-4.80E-6
	CC12	-0.0957	0.6676	-0.0929	2.23E-3	3.04E-4	2.92E-5
	CC13	0.0944	-0.6762	-0.1114	-2.26E-3	-3.07E-4	-2.85E-5
	CC14	0.0814	-0.6732	-0.1121	-2.27E-3	-2.65E-4	5.59E-6
	CC15	-0.0934	-0.5999	-0.1529	-2.09E-3	2.37E-4	1.17E-4
	CC16	-0.1064	-0.5970	-0.1536	-2.09E-3	2.78E-4	1.51E-4
380	CC1	0.5675	0.2080	-0.0704	4.58E-4	-6.36E-4	-4.86E-4
	CC2	0.5594	0.2067	-0.0699	4.57E-4	-6.27E-4	-4.65E-4
	CC3	0.5645	-0.5488	-0.0905	-1.13E-3	-6.40E-4	-4.05E-4
	CC4	0.5564	-0.5501	-0.0900	-1.13E-3	-6.32E-4	-3.85E-4
	CC5	-0.5564	0.5312	-0.1221	1.08E-3	6.20E-4	3.85E-4
	CC6	-0.5644	0.5300	-0.1216	1.08E-3	6.28E-4	4.06E-4
	CC7	-0.5594	-0.2256	-0.1422	-5.06E-4	6.16E-4	4.66E-4
	CC8	-0.5674	-0.2268	-0.1417	-5.07E-4	6.24E-4	4.86E-4
	CC9	0.1858	1.2053	-0.0656	2.53E-3	-2.00E-4	-2.95E-4
	CC10	0.1614	1.2015	-0.0640	2.52E-3	-1.74E-4	-2.34E-4
	CC11	-0.1513	1.3023	-0.0811	2.71E-3	1.77E-4	-3.41E-5
	CC12	-0.1758	1.2985	-0.0795	2.71E-3	2.02E-4	2.77E-5
	CC13	0.1758	-1.3173	-0.1326	-2.76E-3	-2.14E-4	-2.73E-5
	CC14	0.1514	-1.3212	-0.1310	-2.76E-3	-1.89E-4	3.45E-5
	CC15	-0.1614	-1.2204	-0.1481	-2.57E-3	1.62E-4	2.34E-4
	CC16	-0.1858	-1.2242	-0.1466	-2.58E-3	1.88E-4	2.96E-4
381	CC1	0.5674	0.2519	-0.1453	5.40E-4	-6.48E-4	-4.87E-4
	CC2	0.5594	0.2488	-0.1440	5.35E-4	-6.39E-4	-4.66E-4
	CC3	0.5644	-0.5122	-0.1647	-1.05E-3	-6.53E-4	-4.06E-4
	CC4	0.5563	-0.5153	-0.1634	-1.06E-3	-6.44E-4	-3.86E-4
	CC5	-0.5562	0.4965	-0.0497	1.01E-3	6.33E-4	3.84E-4
	CC6	-0.5643	0.4934	-0.0484	1.00E-3	6.42E-4	4.05E-4
	CC7	-0.5593	-0.2676	-0.0691	-5.87E-4	6.28E-4	4.65E-4
	CC8	-0.5673	-0.2707	-0.0678	-5.92E-4	6.37E-4	4.85E-4
	CC9	0.1859	1.2321	-0.0905	2.57E-3	-2.02E-4	-2.96E-4
	CC10	0.1615	1.2227	-0.0866	2.55E-3	-1.76E-4	-2.35E-4

	CC11	-0.1512	1.3055	-0.0618	2.71E-3	1.82E-4	-3.50E-5
	CC12	-0.1756	1.2960	-0.0580	2.69E-3	2.09E-4	2.68E-5
	CC13	0.1757	-1.3149	-0.1552	-2.74E-3	-2.19E-4	-2.82E-5
	CC14	0.1513	-1.3243	-0.1513	-2.76E-3	-1.93E-4	3.36E-5
	CC15	-0.1614	-1.2415	-0.1265	-2.60E-3	1.65E-4	2.33E-4
	CC16	-0.1858	-1.2510	-0.1226	-2.62E-3	1.92E-4	2.95E-4
382	CC1	0.5674	0.2959	-0.2049	6.18E-4	-6.78E-4	-4.87E-4
	CC2	0.5593	0.2909	-0.2028	6.10E-4	-6.69E-4	-4.67E-4
	CC3	0.5643	-0.4755	-0.2237	-9.76E-4	-6.85E-4	-4.07E-4
	CC4	0.5563	-0.4805	-0.2216	-9.84E-4	-6.76E-4	-3.87E-4
	CC5	-0.5561	0.4618	0.0075	9.28E-4	6.62E-4	3.84E-4
	CC6	-0.5641	0.4569	0.0096	9.20E-4	6.72E-4	4.04E-4
	CC7	-0.5591	-0.3096	-0.0112	-6.66E-4	6.56E-4	4.64E-4
	CC8	-0.5672	-0.3145	-0.0091	-6.75E-4	6.65E-4	4.85E-4
	CC9	0.1859	1.2590	-0.1108	2.60E-3	-2.11E-4	-2.97E-4
	CC10	0.1615	1.2439	-0.1045	2.57E-3	-1.83E-4	-2.35E-4
	CC11	-0.1511	1.3088	-0.0471	2.69E-3	1.91E-4	-3.57E-5
	CC12	-0.1755	1.2937	-0.0407	2.66E-3	2.19E-4	2.61E-5
	CC13	0.1757	-1.3123	-0.1733	-2.72E-3	-2.32E-4	-2.89E-5
	CC14	0.1513	-1.3274	-0.1670	-2.74E-3	-2.04E-4	3.29E-5
	CC15	-0.1613	-1.2626	-0.1096	-2.63E-3	1.70E-4	2.32E-4
	CC16	-0.1857	-1.2776	-0.1033	-2.65E-3	1.98E-4	2.94E-4
383	CC1	0.4913	0.3598	-0.2600	6.77E-4	-9.70E-4	-4.14E-4
	CC2	0.4843	0.3541	-0.2572	6.63E-4	-9.55E-4	-3.97E-4
	CC3	0.4884	-0.2858	-0.2777	-8.42E-4	-9.77E-4	-3.51E-4
	CC4	0.4814	-0.2915	-0.2748	-8.56E-4	-9.62E-4	-3.33E-4
	CC5	-0.4823	0.2779	0.0618	8.11E-4	9.64E-4	3.29E-4
	CC6	-0.4892	0.2722	0.0647	7.97E-4	9.79E-4	3.46E-4
	CC7	-0.4852	-0.3677	0.0442	-7.09E-4	9.57E-4	3.92E-4
	CC8	-0.4921	-0.3734	0.0470	-7.23E-4	9.72E-4	4.09E-4
	CC9	0.1609	1.0900	-0.1298	2.51E-3	-3.00E-4	-2.45E-4
	CC10	0.1399	1.0729	-0.1211	2.47E-3	-2.56E-4	-1.93E-4
	CC11	-0.1312	1.0655	-0.0332	2.55E-3	2.80E-4	-2.25E-5
	CC12	-0.1522	1.0483	-0.0245	2.51E-3	3.24E-4	3.00E-5
	CC13	0.1513	-1.0619	-0.1885	-2.55E-3	-3.23E-4	-3.46E-5
	CC14	0.1303	-1.0791	-0.1798	-2.60E-3	-2.78E-4	1.79E-5
	CC15	-0.1408	-1.0865	-0.0919	-2.51E-3	2.58E-4	1.88E-4
	CC16	-0.1618	-1.1036	-0.0832	-2.56E-3	3.02E-4	2.41E-4
384	CC1	0.4043	0.2960	-0.2487	6.60E-4	-9.88E-4	-3.39E-4
	CC2	0.3987	0.2917	-0.2459	6.45E-4	-9.73E-4	-3.25E-4
	CC3	0.4014	-0.2205	-0.2657	-7.80E-4	-9.97E-4	-2.93E-4
	CC4	0.3958	-0.2249	-0.2629	-7.95E-4	-9.82E-4	-2.79E-4
	CC5	-0.3962	0.2148	0.0530	7.59E-4	9.90E-4	2.75E-4
	CC6	-0.4018	0.2104	0.0558	7.44E-4	1.00E-3	2.89E-4
	CC7	-0.3990	-0.3018	0.0360	-6.81E-4	9.80E-4	3.21E-4
	CC8	-0.4046	-0.3061	0.0388	-6.95E-4	9.95E-4	3.35E-4
	CC9	0.1331	0.8747	-0.1260	2.39E-3	-3.00E-4	-1.93E-4
	CC10	0.1161	0.8614	-0.1177	2.34E-3	-2.54E-4	-1.50E-4
	CC11	-0.1070	0.8503	-0.0355	2.42E-3	2.93E-4	-8.49E-5
	CC12	-0.1240	0.8370	-0.0272	2.37E-3	3.39E-4	3.47E-5
	CC13	0.1236	-0.8471	-0.1827	-2.41E-3	-3.32E-4	-3.87E-5
	CC14	0.1067	-0.8604	-0.1744	-2.45E-3	-2.85E-4	4.45E-6
	CC15	-0.1165	-0.8715	-0.0922	-2.38E-3	2.62E-4	1.46E-4
	CC16	-0.1335	-0.8847	-0.0839	-2.43E-3	3.08E-4	1.89E-4
385	CC1	0.3192	0.2344	-0.2332	6.37E-4	-9.35E-4	-2.66E-4
	CC2	0.3150	0.2313	-0.2306	6.23E-4	-9.21E-4	-2.55E-4
	CC3	0.3161	-0.1583	-0.2495	-7.29E-4	-9.45E-4	-2.34E-4
	CC4	0.3118	-0.1614	-0.2470	-7.43E-4	-9.31E-4	-2.23E-4
	CC5	-0.3117	0.1543	0.0401	7.10E-4	9.34E-4	2.20E-4
	CC6	-0.3160	0.1512	0.0427	6.97E-4	9.48E-4	2.31E-4
	CC7	-0.3148	-0.2384	0.0237	-6.56E-4	9.24E-4	2.51E-4
	CC8	-0.3191	-0.2415	0.0263	-6.70E-4	9.38E-4	2.63E-4
	CC9	0.1064	0.6676	-0.1210	2.27E-3	-2.84E-4	-1.44E-4
	CC10	0.0934	0.6582	-0.1133	2.23E-3	-2.41E-4	-1.11E-4
	CC11	-0.0829	0.6435	-0.0390	2.29E-3	2.77E-4	1.16E-6
	CC12	-0.0959	0.6342	-0.0313	2.25E-3	3.20E-4	3.51E-5
	CC13	0.0960	-0.6413	-0.1756	-2.28E-3	-3.17E-4	-3.84E-5
	CC14	0.0830	-0.6507	-0.1678	-2.33E-3	-2.73E-4	-4.39E-6
	CC15	-0.0933	-0.6653	-0.0936	-2.26E-3	2.44E-4	1.07E-4
	CC16	-0.1063	-0.6747	-0.0859	-2.30E-3	2.87E-4	1.41E-4
386	CC1	0.4925	0.1602	0.0574	7.45E-5	-8.00E-4	-4.82E-4
	CC2	0.4920	0.1610	0.0591	7.45E-5	-8.00E-4	-4.62E-4

	CC3	0.5230	-0.5887	-0.0108	7.07E-5	-7.60E-4	-4.02E-4
	CC4	0.5225	-0.5879	-0.0090	7.07E-5	-7.59E-4	-3.81E-4
	CC5	-0.5214	0.5687	-0.1816	-7.04E-5	7.56E-4	3.89E-4
	CC6	-0.5219	0.5695	-0.1798	-7.05E-5	7.57E-4	4.09E-4
	CC7	-0.4909	-0.1802	-0.2497	-7.42E-5	7.97E-4	4.69E-4
	CC8	-0.4914	-0.1794	-0.2479	-7.43E-5	7.98E-4	4.90E-4
	CC9	0.1026	1.1762	0.0514	2.83E-5	-3.04E-4	-2.92E-4
	CC10	0.1009	1.1784	0.0568	2.81E-5	-3.02E-4	-2.30E-4
	CC11	-0.2015	1.2987	-0.0203	-1.52E-5	1.63E-4	-3.06E-5
	CC12	-0.2032	1.3010	-0.0148	-1.53E-5	1.65E-4	3.12E-5
	CC13	0.2043	-1.3202	-0.1757	1.56E-5	-1.68E-4	-2.38E-5
	CC14	0.2026	-1.3179	-0.1703	1.54E-5	-1.66E-4	3.80E-5
	CC15	-0.0999	-1.1976	-0.2474	-2.79E-5	2.99E-4	2.38E-4
	CC16	-0.1016	-1.1954	-0.2420	-2.80E-5	3.01E-4	2.99E-4
387	CC1	0.4790	0.1567	0.0347	7.33E-5	-7.87E-4	-4.81E-4
	CC2	0.4801	0.1576	0.0364	7.34E-5	-7.89E-4	-4.61E-4
	CC3	0.5158	-0.5916	0.0572	7.12E-5	-7.64E-4	-4.01E-4
	CC4	0.5169	-0.5907	0.0589	7.13E-5	-7.66E-4	-3.80E-4
	CC5	-0.5151	0.5717	-0.2453	-7.07E-5	7.60E-4	3.90E-4
	CC6	-0.5140	0.5726	-0.2435	-7.05E-5	7.58E-4	4.10E-4
	CC7	-0.4784	-0.1766	-0.2228	-7.28E-5	7.82E-4	4.70E-4
	CC8	-0.4773	-0.1757	-0.2211	-7.27E-5	7.81E-4	4.91E-4
	CC9	0.0871	1.1741	-0.0912	2.52E-5	-2.71E-4	-2.91E-4
	CC10	0.0904	1.1767	-0.0860	2.57E-5	-2.76E-4	-2.29E-4
	CC11	-0.2111	1.2986	-0.1752	-1.80E-5	1.93E-4	-2.96E-5
	CC12	-0.2078	1.3012	-0.1700	-1.75E-5	1.88E-4	3.22E-5
	CC13	0.2096	-1.3203	-0.0164	1.81E-5	-1.95E-4	-2.28E-5
	CC14	0.2129	-1.3176	-0.0111	1.86E-5	-2.00E-4	3.90E-5
	CC15	-0.0887	-1.1958	-0.1004	-2.51E-5	2.69E-4	2.39E-4
	CC16	-0.0854	-1.1931	-0.0951	-2.46E-5	2.64E-4	3.00E-4
388	CC1	0.4665	0.1531	0.0169	6.77E-5	-7.27E-4	-4.81E-4
	CC2	0.4692	0.1541	0.0185	6.81E-5	-7.31E-4	-4.61E-4
	CC3	0.5095	-0.5946	0.1277	6.93E-5	-7.45E-4	-4.01E-4
	CC4	0.5122	-0.5935	0.1294	6.97E-5	-7.49E-4	-3.80E-4
	CC5	-0.5097	0.5747	-0.3117	-6.88E-5	7.39E-4	3.90E-4
	CC6	-0.5070	0.5757	-0.3100	-6.84E-5	7.35E-4	4.10E-4
	CC7	-0.4667	-0.1730	-0.2008	-6.72E-5	7.22E-4	4.70E-4
	CC8	-0.4640	-0.1720	-0.1991	-6.68E-5	7.18E-4	4.91E-4
	CC9	0.0719	1.1719	-0.2292	1.77E-5	-1.90E-4	-2.91E-4
	CC10	0.0802	1.1751	-0.2240	1.88E-5	-2.02E-4	-2.29E-4
	CC11	-0.2209	1.2984	-0.3277	-2.33E-5	2.50E-4	-2.96E-5
	CC12	-0.2127	1.3015	-0.3226	-2.21E-5	2.37E-4	3.22E-5
	CC13	0.2152	-1.3204	0.1403	2.30E-5	-2.47E-4	-2.28E-5
	CC14	0.2234	-1.3173	0.1454	2.42E-5	-2.60E-4	3.90E-5
	CC15	-0.0777	-1.1939	0.0418	-1.79E-5	1.93E-4	2.39E-4
	CC16	-0.0694	-1.1908	0.0469	-1.68E-5	1.80E-4	3.00E-4
389	CC1	0.4424	0.1316	0.0852	3.91E-4	-8.35E-4	-4.12E-4
	CC2	0.4405	0.1321	0.0869	3.90E-4	-8.31E-4	-3.94E-4
	CC3	0.4595	-0.4929	-0.0685	-1.08E-3	-9.02E-4	-3.46E-4
	CC4	0.4576	-0.4924	-0.0668	-1.08E-3	-8.98E-4	-3.29E-4
	CC5	-0.4576	0.4773	-0.1263	1.03E-3	8.88E-4	3.33E-4
	CC6	-0.4595	0.4778	-0.1246	1.03E-3	8.92E-4	3.51E-4
	CC7	-0.4404	-0.1472	-0.2801	-4.34E-4	8.21E-4	3.99E-4
	CC8	-0.4423	-0.1467	-0.2783	-4.36E-4	8.25E-4	4.16E-4
	CC9	0.1093	0.9806	0.1887	2.33E-3	-1.58E-4	-2.45E-4
	CC10	0.1036	0.9823	0.1940	2.32E-3	-1.46E-4	-1.93E-4
	CC11	-0.1607	1.0843	0.1253	2.52E-3	3.59E-4	-2.17E-5
	CC12	-0.1664	1.0860	0.1305	2.52E-3	3.71E-4	3.09E-5
	CC13	0.1664	-1.1011	-0.3237	-2.56E-3	-3.81E-4	-2.63E-5
	CC14	0.1607	-1.0994	-0.3184	-2.56E-3	-3.69E-4	2.63E-5
	CC15	-0.1036	-0.9974	-0.3871	-2.37E-3	1.36E-4	1.97E-4
	CC16	-0.1093	-0.9957	-0.3819	-2.37E-3	1.48E-4	2.50E-4
390	CC1	0.3657	0.0957	0.0758	3.89E-4	-9.06E-4	-3.39E-4
	CC2	0.3642	0.0965	0.0774	3.87E-4	-9.02E-4	-3.25E-4
	CC3	0.3781	-0.4018	-0.0673	-1.03E-3	-9.51E-4	-2.90E-4
	CC4	0.3766	-0.4011	-0.0657	-1.03E-3	-9.47E-4	-2.76E-4
	CC5	-0.3776	0.3896	-0.1251	9.90E-4	9.35E-4	2.79E-4
	CC6	-0.3791	0.3904	-0.1235	9.88E-4	9.39E-4	2.94E-4
	CC7	-0.3652	-0.1079	-0.2682	-4.25E-4	8.90E-4	3.29E-4
	CC8	-0.3667	-0.1072	-0.2666	-4.27E-4	8.94E-4	3.43E-4
	CC9	0.0926	0.7783	0.1707	2.25E-3	-2.14E-4	-1.95E-4
	CC10	0.0880	0.7805	0.1757	2.25E-3	-2.01E-4	-1.52E-4

	CC11	-0.1304	0.8665	0.1105	2.43E-3	3.38E-4	-9.46E-6
	CC12	-0.1350	0.8687	0.1154	2.43E-3	3.51E-4	3.39E-5
	CC13	0.1340	-0.8802	-0.3062	-2.47E-3	-3.63E-4	-3.03E-5
	CC14	0.1294	-0.8780	-0.3012	-2.47E-3	-3.50E-4	1.31E-5
	CC15	-0.0890	-0.7920	-0.3664	-2.29E-3	1.89E-4	1.55E-4
	CC16	-0.0936	-0.7898	-0.3615	-2.29E-3	2.02E-4	1.99E-4
<b>391</b>	CC1	0.2870	0.0610	0.0628	3.59E-4	-8.62E-4	-2.66E-4
	CC2	0.2859	0.0619	0.0643	3.57E-4	-8.58E-4	-2.55E-4
	CC3	0.2959	-0.3160	-0.0645	-9.57E-4	-9.02E-4	-2.32E-4
	CC4	0.2947	-0.3151	-0.0629	-9.59E-4	-8.98E-4	-2.21E-4
	CC5	-0.2966	0.3068	-0.1254	9.25E-4	8.91E-4	2.24E-4
	CC6	-0.2977	0.3077	-0.1239	9.23E-4	8.95E-4	2.35E-4
	CC7	-0.2878	-0.0701	-0.2527	-3.91E-4	8.51E-4	2.57E-4
	CC8	-0.2889	-0.0692	-0.2511	-3.92E-4	8.55E-4	2.69E-4
	CC9	0.0736	0.5858	0.1438	2.09E-3	-2.06E-4	-1.46E-4
	CC10	0.0701	0.5886	0.1485	2.09E-3	-1.94E-4	-1.11E-4
	CC11	-0.1015	0.6596	0.0874	2.26E-3	3.20E-4	1.32E-6
	CC12	-0.1049	0.6623	0.0920	2.26E-3	3.32E-4	3.54E-5
	CC13	0.1031	-0.6706	-0.2803	-2.29E-3	-3.39E-4	-3.27E-5
	CC14	0.0996	-0.6679	-0.2757	-2.30E-3	-3.27E-4	1.39E-6
	CC15	-0.0720	-0.5969	-0.3368	-2.12E-3	1.87E-4	1.14E-4
	CC16	-0.0755	-0.5941	-0.3322	-2.13E-3	1.99E-4	1.48E-4
<b>392</b>	CC1	0.3926	0.1189	0.0044	3.83E-4	-7.64E-4	-4.23E-4
	CC2	0.3963	0.1201	0.0062	3.82E-4	-7.71E-4	-4.05E-4
	CC3	0.4315	-0.5009	0.1993	-1.11E-3	-8.52E-4	-3.05E-4
	CC4	0.4353	-0.4998	0.2011	-1.11E-3	-8.59E-4	-2.88E-4
	CC5	-0.4334	0.4853	-0.3790	1.07E-3	8.46E-4	2.93E-4
	CC6	-0.4297	0.4864	-0.3772	1.07E-3	8.39E-4	3.11E-4
	CC7	-0.3945	-0.1346	-0.1841	-4.28E-4	7.57E-4	4.11E-4
	CC8	-0.3907	-0.1335	-0.1823	-4.29E-4	7.51E-4	4.29E-4
	CC9	0.0542	0.9692	-0.3591	2.37E-3	-8.96E-5	-3.27E-4
	CC10	0.0656	0.9726	-0.3535	2.37E-3	-1.10E-4	-2.74E-4
	CC11	-0.1936	1.0791	-0.4741	2.57E-3	3.93E-4	-1.12E-4
	CC12	-0.1822	1.0825	-0.4685	2.57E-3	3.73E-4	-5.91E-5
	CC13	0.1840	-1.0970	0.2906	-2.62E-3	-3.86E-4	6.50E-5
	CC14	0.1955	-1.0936	0.2962	-2.62E-3	-4.06E-4	1.18E-4
	CC15	-0.0638	-0.9871	0.1756	-2.41E-3	9.73E-5	2.80E-4
	CC16	-0.0523	-0.9837	0.1812	-2.42E-3	7.65E-5	3.33E-4
<b>393</b>	CC1	0.3296	0.0869	0.0077	3.40E-4	-6.98E-4	-3.44E-4
	CC2	0.3328	0.0881	0.0096	3.39E-4	-7.05E-4	-3.30E-4
	CC3	0.3584	-0.4089	0.1901	-9.90E-4	-8.12E-4	-2.47E-4
	CC4	0.3616	-0.4078	0.1920	-9.91E-4	-8.18E-4	-2.32E-4
	CC5	-0.3608	0.3971	-0.3695	9.50E-4	8.06E-4	2.38E-4
	CC6	-0.3576	0.3982	-0.3675	9.50E-4	8.00E-4	2.52E-4
	CC7	-0.3320	-0.0988	-0.1871	-3.79E-4	6.93E-4	3.36E-4
	CC8	-0.3289	-0.0976	-0.1852	-3.80E-4	6.86E-4	3.50E-4
	CC9	0.0512	0.7728	-0.3391	2.11E-3	-3.24E-5	-2.69E-4
	CC10	0.0608	0.7762	-0.3332	2.10E-3	-5.26E-5	-2.26E-4
	CC11	-0.1560	0.8658	-0.4522	2.29E-3	4.19E-4	-9.48E-5
	CC12	-0.1464	0.8693	-0.4464	2.29E-3	3.99E-4	-5.12E-5
	CC13	0.1471	-0.8800	0.2689	-2.33E-3	-4.11E-4	5.66E-5
	CC14	0.1567	-0.8765	0.2748	-2.33E-3	-4.31E-4	1.00E-4
	CC15	-0.0600	-0.7869	0.1558	-2.14E-3	4.07E-5	2.31E-4
	CC16	-0.0504	-0.7835	0.1616	-2.15E-3	2.05E-5	2.75E-4
<b>394</b>	CC1	0.2649	0.0555	0.0079	3.61E-4	-7.70E-4	-2.54E-4
	CC2	0.2675	0.0567	0.0098	3.60E-4	-7.78E-4	-2.43E-4
	CC3	0.2846	-0.3217	0.1742	-1.04E-3	-8.85E-4	-2.00E-4
	CC4	0.2871	-0.3205	0.1761	-1.04E-3	-8.93E-4	-1.89E-4
	CC5	-0.2873	0.3131	-0.3530	1.01E-3	8.84E-4	1.94E-4
	CC6	-0.2848	0.3143	-0.3511	1.01E-3	8.76E-4	2.05E-4
	CC7	-0.2676	-0.0641	-0.1867	-3.94E-4	7.69E-4	2.47E-4
	CC8	-0.2651	-0.0629	-0.1848	-3.95E-4	7.61E-4	2.58E-4
	CC9	0.0462	0.5844	-0.3144	2.23E-3	-4.92E-5	-1.70E-4
	CC10	0.0538	0.5880	-0.3086	2.22E-3	-7.29E-5	-1.37E-4
	CC11	-0.1195	0.6617	-0.4226	2.42E-3	4.47E-4	-3.60E-5
	CC12	-0.1119	0.6653	-0.4169	2.42E-3	4.23E-4	-3.26E-6
	CC13	0.1117	-0.6727	0.2400	-2.45E-3	-4.32E-4	7.60E-6
	CC14	0.1193	-0.6691	0.2458	-2.46E-3	-4.56E-4	4.04E-5
	CC15	-0.0539	-0.5954	0.1317	-2.26E-3	6.42E-5	1.42E-4
	CC16	-0.0463	-0.5918	0.1375	-2.26E-3	4.05E-5	1.75E-4
<b>395</b>	CC1	0.4544	0.4095	-0.1018	5.91E-4	3.28E-5	-4.98E-4
	CC2	0.4589	0.4016	-0.1008	5.79E-4	3.21E-5	-4.78E-4

	CC3	0.5040	-0.3733	-0.0238	-8.56E-4	-4.75E-5	-4.18E-4
	CC4	0.5085	-0.3811	-0.0228	-8.69E-4	-4.82E-5	-3.97E-4
	CC5	-0.5047	0.3648	-0.1630	8.08E-4	4.48E-5	3.73E-4
	CC6	-0.5002	0.3570	-0.1621	7.95E-4	4.41E-5	3.93E-4
	CC7	-0.4551	-0.4180	-0.0851	-6.40E-4	-3.55E-5	4.53E-4
	CC8	-0.4506	-0.4258	-0.0841	-6.53E-4	-3.62E-5	4.74E-4
	CC9	0.0563	1.3150	-0.2151	2.37E-3	1.32E-4	-3.08E-4
	CC10	0.0699	1.2912	-0.2122	2.33E-3	1.29E-4	-2.46E-4
	CC11	-0.2314	1.3016	-0.2335	2.43E-3	1.35E-4	-4.65E-5
	CC12	-0.2179	1.2778	-0.2306	2.40E-3	1.33E-4	1.53E-5
	CC13	0.2217	-1.2941	0.0447	-2.46E-3	-1.36E-4	-3.97E-5
	CC14	0.2352	-1.3179	0.0476	-2.50E-3	-1.39E-4	2.21E-5
	CC15	-0.0660	-1.3076	0.0263	-2.39E-3	-1.33E-4	2.22E-4
	CC16	-0.0525	-1.3313	0.0293	-2.43E-3	-1.35E-4	2.83E-4
396	CC1	0.4537	0.4143	-0.1501	5.90E-4	3.27E-5	-4.96E-4
	CC2	0.4583	0.4047	-0.1495	5.74E-4	3.19E-5	-4.76E-4
	CC3	0.5037	-0.3757	-0.0739	-8.33E-4	-4.62E-5	-4.15E-4
	CC4	0.5083	-0.3853	-0.0733	-8.48E-4	-4.71E-5	-3.95E-4
	CC5	-0.5044	0.3709	-0.1141	7.78E-4	4.32E-5	3.75E-4
	CC6	-0.4999	0.3613	-0.1135	7.63E-4	4.23E-5	3.96E-4
	CC7	-0.4544	-0.4191	-0.0379	-6.44E-4	-3.58E-5	4.56E-4
	CC8	-0.4499	-0.4287	-0.0373	-6.60E-4	-3.66E-5	4.76E-4
	CC9	0.0554	1.3306	-0.2270	2.33E-3	1.29E-4	-3.06E-4
	CC10	0.0692	1.3013	-0.2251	2.28E-3	1.27E-4	-2.44E-4
	CC11	-0.2321	1.3176	-0.2162	2.39E-3	1.32E-4	-4.43E-5
	CC12	-0.2182	1.2883	-0.2143	2.34E-3	1.30E-4	1.75E-5
	CC13	0.2221	-1.3027	0.0269	-2.41E-3	-1.34E-4	-3.75E-5
	CC14	0.2359	-1.3320	0.0288	-2.46E-3	-1.36E-4	2.43E-5
	CC15	-0.0654	-1.3157	0.0377	-2.35E-3	-1.31E-4	2.24E-4
	CC16	-0.0515	-1.3451	0.0396	-2.40E-3	-1.33E-4	2.86E-4
397	CC1	0.4531	0.4581	-0.1951	5.23E-4	2.90E-5	-4.92E-4
	CC2	0.4578	0.4466	-0.1948	5.06E-4	2.81E-5	-4.72E-4
	CC3	0.5035	-0.3391	-0.1192	-8.21E-4	-4.56E-5	-4.11E-4
	CC4	0.5082	-0.3506	-0.1189	-8.38E-4	-4.65E-5	-3.91E-4
	CC5	-0.5042	0.3376	-0.0702	7.55E-4	4.19E-5	3.79E-4
	CC6	-0.4995	0.3261	-0.0699	7.38E-4	4.10E-5	4.00E-4
	CC7	-0.4538	-0.4597	0.0058	-5.89E-4	-3.27E-5	4.60E-4
	CC8	-0.4491	-0.4712	0.0061	-6.06E-4	-3.36E-5	4.80E-4
	CC9	0.0545	1.3578	-0.2402	2.19E-3	1.22E-4	-3.02E-4
	CC10	0.0687	1.3228	-0.2394	2.14E-3	1.19E-4	-2.40E-4
	CC11	-0.2327	1.3216	-0.2028	2.26E-3	1.25E-4	-4.02E-5
	CC12	-0.2185	1.2867	-0.2019	2.21E-3	1.23E-4	2.16E-5
	CC13	0.2225	-1.2997	0.0129	-2.29E-3	-1.27E-4	-3.34E-5
	CC14	0.2367	-1.3346	0.0137	-2.34E-3	-1.30E-4	2.84E-5
	CC15	-0.0647	-1.3359	0.0504	-2.22E-3	-1.23E-4	2.28E-4
	CC16	-0.0505	-1.3708	0.0512	-2.27E-3	-1.26E-4	2.90E-4
398	CC1	0.3872	0.2718	-0.0679	7.61E-4	-2.64E-4	-4.12E-4
	CC2	0.3909	0.2667	-0.0668	7.47E-4	-2.76E-4	-3.95E-4
	CC3	0.4254	-0.3891	0.0128	-9.35E-4	-5.31E-4	-3.64E-4
	CC4	0.4291	-0.3942	0.0139	-9.49E-4	-5.42E-4	-3.47E-4
	CC5	-0.4268	0.3824	-0.1972	9.22E-4	5.45E-4	3.32E-4
	CC6	-0.4231	0.3772	-0.1960	9.08E-4	5.34E-4	3.49E-4
	CC7	-0.3885	-0.2785	-0.1165	-7.74E-4	2.79E-4	3.80E-4
	CC8	-0.3848	-0.2836	-0.1153	-7.89E-4	2.67E-4	3.98E-4
	CC9	0.0538	1.0867	-0.2085	2.81E-3	3.42E-4	-2.26E-4
	CC10	0.0651	1.0712	-0.2050	2.77E-3	3.07E-4	-1.74E-4
	CC11	-0.1903	1.1199	-0.2473	2.86E-3	5.84E-4	-2.65E-6
	CC12	-0.1791	1.1043	-0.2438	2.82E-3	5.50E-4	4.94E-5
	CC13	0.1814	-1.1162	0.0605	-2.84E-3	-5.47E-4	-6.43E-5
	CC14	0.1927	-1.1317	0.0641	-2.89E-3	-5.81E-4	-1.22E-5
	CC15	-0.0628	-1.0830	0.0218	-2.80E-3	-3.04E-4	1.59E-4
	CC16	-0.0515	-1.0986	0.0253	-2.84E-3	-3.39E-4	2.11E-4
399	CC1	0.3231	0.2058	-0.0735	6.94E-4	-3.75E-4	-3.40E-4
	CC2	0.3262	0.2020	-0.0725	6.80E-4	-3.83E-4	-3.26E-4
	CC3	0.3499	-0.3145	0.0040	-8.49E-4	-4.57E-4	-3.04E-4
	CC4	0.3530	-0.3184	0.0051	-8.63E-4	-4.66E-4	-2.90E-4
	CC5	-0.3517	0.3091	-0.1869	8.32E-4	4.59E-4	2.76E-4
	CC6	-0.3487	0.3053	-0.1859	8.18E-4	4.50E-4	2.90E-4
	CC7	-0.3249	-0.2112	-0.1093	-7.11E-4	3.77E-4	3.11E-4
	CC8	-0.3218	-0.2151	-0.1083	-7.25E-4	3.68E-4	3.25E-4
	CC9	0.0525	0.8530	-0.2048	2.56E-3	2.12E-5	-1.80E-4
	CC10	0.0618	0.8413	-0.2016	2.51E-3	-4.73E-6	-1.37E-4

	CC11	-0.1500	0.8840	-0.2388	2.60E-3	2.71E-4	4.84E-6
	CC12	-0.1407	0.8723	-0.2356	2.55E-3	2.45E-4	4.74E-5
	CC13	0.1420	-0.8815	0.0538	-2.59E-3	-2.52E-4	-6.21E-5
	CC14	0.1513	-0.8932	0.0570	-2.63E-3	-2.78E-4	-1.95E-5
	CC15	-0.0605	-0.8505	0.0198	-2.54E-3	-2.23E-6	1.23E-4
	CC16	-0.0512	-0.8622	0.0230	-2.59E-3	-2.81E-5	1.65E-4
400	CC1	0.2600	0.2371	-0.0771	7.22E-4	-2.81E-4	-2.62E-4
	CC2	0.2625	0.2345	-0.0761	7.07E-4	-2.91E-4	-2.51E-4
	CC3	0.2774	-0.1456	-0.0041	-8.57E-4	-4.38E-4	-2.46E-4
	CC4	0.2798	-0.1482	-0.0031	-8.72E-4	-4.48E-4	-2.35E-4
	CC5	-0.2793	0.1408	-0.1772	8.60E-4	4.59E-4	2.23E-4
	CC6	-0.2769	0.1383	-0.1763	8.46E-4	4.49E-4	2.34E-4
	CC7	-0.2620	-0.2419	-0.1042	-7.19E-4	3.02E-4	2.39E-4
	CC8	-0.2595	-0.2444	-0.1032	-7.34E-4	2.92E-4	2.50E-4
	CC9	0.0485	0.6525	-0.1982	2.63E-3	1.71E-4	-1.22E-4
	CC10	0.0559	0.6447	-0.1954	2.58E-3	1.40E-4	-8.88E-5
	CC11	-0.1133	0.6236	-0.2283	2.67E-3	3.93E-4	2.35E-5
	CC12	-0.1059	0.6158	-0.2254	2.62E-3	3.62E-4	5.67E-5
	CC13	0.1064	-0.6232	0.0451	-2.64E-3	-3.51E-4	-6.83E-5
	CC14	0.1138	-0.6310	0.0480	-2.68E-3	-3.82E-4	-3.51E-5
	CC15	-0.0555	-0.6521	0.0151	-2.60E-3	-1.29E-4	7.71E-5
	CC16	-0.0481	-0.6598	0.0179	-2.64E-3	-1.60E-4	1.10E-4
401	CC1	0.3910	0.4382	-0.2369	5.45E-4	-7.33E-4	-4.38E-4
	CC2	0.3951	0.4265	-0.2369	5.18E-4	-7.41E-4	-4.20E-4
	CC3	0.4322	-0.2595	-0.1616	-1.07E-3	-8.60E-4	-3.41E-4
	CC4	0.4363	-0.2711	-0.1616	-1.10E-3	-8.68E-4	-3.23E-4
	CC5	-0.4335	0.2665	-0.0270	1.04E-3	8.55E-4	3.19E-4
	CC6	-0.4295	0.2549	-0.0270	1.01E-3	8.47E-4	3.37E-4
	CC7	-0.3924	-0.4312	0.0483	-5.78E-4	7.29E-4	4.16E-4
	CC8	-0.3883	-0.4428	0.0483	-6.05E-4	7.20E-4	4.34E-4
	CC9	0.0502	1.2038	-0.2513	2.64E-3	-2.08E-5	-3.04E-4
	CC10	0.0626	1.1686	-0.2513	2.55E-3	-4.56E-5	-2.50E-4
	CC11	-0.1971	1.1523	-0.1883	2.79E-3	4.56E-4	-7.71E-5
	CC12	-0.1847	1.1171	-0.1883	2.70E-3	4.31E-4	-2.32E-5
	CC13	0.1875	-1.1217	-0.0003	-2.76E-3	-4.43E-4	1.88E-5
	CC14	0.1999	-1.1570	-0.0003	-2.85E-3	-4.68E-4	7.28E-5
	CC15	-0.0599	-1.1732	0.0627	-2.61E-3	3.32E-5	2.46E-4
	CC16	-0.0475	-1.2085	0.0627	-2.70E-3	8.42E-6	3.00E-4
402	CC1	0.3262	0.3371	-0.2274	6.28E-4	-7.43E-4	-3.42E-4
	CC2	0.3296	0.3282	-0.2274	5.95E-4	-7.52E-4	-3.28E-4
	CC3	0.3558	-0.2044	-0.1534	-1.24E-3	-8.75E-4	-2.92E-4
	CC4	0.3592	-0.2133	-0.1533	-1.27E-3	-8.83E-4	-2.78E-4
	CC5	-0.3572	0.2120	-0.0327	1.25E-3	8.77E-4	2.72E-4
	CC6	-0.3538	0.2031	-0.0327	1.22E-3	8.69E-4	2.86E-4
	CC7	-0.3276	-0.3295	0.0413	-6.13E-4	7.46E-4	3.22E-4
	CC8	-0.3242	-0.3384	0.0414	-6.46E-4	7.38E-4	3.37E-4
	CC9	0.0491	0.9342	-0.2458	3.06E-3	-1.47E-5	-2.01E-4
	CC10	0.0593	0.9071	-0.2456	2.96E-3	-3.98E-5	-1.58E-4
	CC11	-0.1559	0.8966	-0.1874	3.25E-3	4.72E-4	-1.63E-5
	CC12	-0.1458	0.8696	-0.1871	3.15E-3	4.46E-4	2.65E-5
	CC13	0.1477	-0.8709	0.0011	-3.17E-3	-4.52E-4	-3.24E-5
	CC14	0.1579	-0.8980	0.0014	-3.27E-3	-4.77E-4	1.05E-5
	CC15	-0.0573	-0.9084	0.0595	-2.98E-3	3.40E-5	1.52E-4
	CC16	-0.0471	-0.9355	0.0598	-3.08E-3	8.86E-6	1.95E-4
403	CC1	0.2614	0.2420	-0.2146	1.04E-3	-7.27E-4	-2.44E-4
	CC2	0.2640	0.2358	-0.2144	1.01E-3	-7.35E-4	-2.33E-4
	CC3	0.2803	-0.1435	-0.1411	-5.46E-4	-8.34E-4	-2.41E-4
	CC4	0.2829	-0.1498	-0.1409	-5.73E-4	-8.41E-4	-2.30E-4
	CC5	-0.2814	0.1489	-0.0425	5.79E-4	8.37E-4	2.28E-4
	CC6	-0.2787	0.1427	-0.0423	5.53E-4	8.29E-4	2.38E-4
	CC7	-0.2624	-0.2367	0.0310	-1.01E-3	7.30E-4	2.31E-4
	CC8	-0.2598	-0.2429	0.0312	-1.03E-3	7.23E-4	2.41E-4
	CC9	0.0466	0.6656	-0.2403	2.76E-3	-4.80E-5	-9.24E-5
	CC10	0.0546	0.6467	-0.2397	2.68E-3	-7.14E-5	-6.05E-5
	CC11	-0.1162	0.6377	-0.1887	2.62E-3	4.21E-4	4.91E-5
	CC12	-0.1082	0.6187	-0.1881	2.54E-3	3.98E-4	8.10E-5
	CC13	0.1097	-0.6196	0.0047	-2.53E-3	-4.02E-4	-8.33E-5
	CC14	0.1178	-0.6385	0.0053	-2.61E-3	-4.26E-4	-5.15E-5
	CC15	-0.0531	-0.6476	0.0563	-2.67E-3	6.68E-5	5.82E-5
	CC16	-0.0450	-0.6665	0.0570	-2.75E-3	4.35E-5	9.00E-5
404	CC1	0.4528	0.8330	-0.2695	8.02E-4	-6.02E-4	-4.91E-4
	CC2	0.4575	0.8058	-0.2683	7.78E-4	-6.08E-4	-4.70E-4



	CC3	0.5035	-0.0265	-0.1923	-1.05E-4	-6.53E-4	-4.10E-4
	CC4	0.5083	-0.0537	-0.1910	-1.30E-4	-6.59E-4	-3.90E-4
	CC5	-0.5036	0.0408	-0.0336	5.90E-5	6.49E-4	3.81E-4
	CC6	-0.4988	0.0136	-0.0323	3.49E-5	6.43E-4	4.01E-4
	CC7	-0.4528	-0.8187	0.0436	-8.48E-4	5.97E-4	4.61E-4
	CC8	-0.4480	-0.8460	0.0449	-8.73E-4	5.91E-4	4.81E-4
	CC9	0.0539	1.5863	-0.2784	1.63E-3	-9.84E-5	-3.00E-4
	CC10	0.0684	1.5035	-0.2745	1.55E-3	-1.16E-4	-2.38E-4
	CC11	-0.2330	1.3486	-0.2076	1.40E-3	2.77E-4	-3.89E-5
	CC12	-0.2185	1.2659	-0.2037	1.33E-3	2.59E-4	2.29E-5
	CC13	0.2232	-1.2788	-0.0209	-1.40E-3	-2.70E-4	-3.21E-5
	CC14	0.2377	-1.3615	-0.0170	-1.47E-3	-2.88E-4	2.97E-5
	CC15	-0.0637	-1.5164	0.0499	-1.62E-3	1.06E-4	2.29E-4
	CC16	-0.0492	-1.5992	0.0538	-1.70E-3	8.75E-5	2.91E-4
405	CC1	0.4527	0.7892	-0.2188	8.89E-4	-5.97E-4	-4.91E-4
	CC2	0.4574	0.7637	-0.2170	8.62E-4	-6.04E-4	-4.71E-4
	CC3	0.5034	-0.0631	-0.1364	-1.27E-4	-6.65E-4	-4.10E-4
	CC4	0.5082	-0.0886	-0.1345	-1.54E-4	-6.71E-4	-3.90E-4
	CC5	-0.5037	0.0748	-0.0893	7.63E-5	6.63E-4	3.80E-4
	CC6	-0.4989	0.0493	-0.0874	4.96E-5	6.57E-4	4.01E-4
	CC7	-0.4529	-0.7775	-0.0068	-9.39E-4	5.96E-4	4.61E-4
	CC8	-0.4481	-0.8030	-0.0049	-9.66E-4	5.89E-4	4.81E-4
	CC9	0.0539	1.5594	-0.2716	1.82E-3	-7.05E-5	-3.01E-4
	CC10	0.0683	1.4822	-0.2660	1.74E-3	-9.04E-5	-2.39E-4
	CC11	-0.2330	1.3451	-0.2327	1.57E-3	3.08E-4	-3.92E-5
	CC12	-0.2186	1.2678	-0.2271	1.49E-3	2.88E-4	2.26E-5
	CC13	0.2231	-1.2816	0.0033	-1.57E-3	-2.96E-4	-3.24E-5
	CC14	0.2376	-1.3589	0.0089	-1.65E-3	-3.16E-4	2.94E-5
	CC15	-0.0638	-1.4960	0.0422	-1.81E-3	8.22E-5	2.29E-4
	CC16	-0.0493	-1.5732	0.0478	-1.89E-3	6.22E-5	2.91E-4
406	CC1	0.4526	0.7454	-0.1985	8.10E-4	-5.79E-4	-4.89E-4
	CC2	0.4574	0.7218	-0.1960	7.86E-4	-5.86E-4	-4.69E-4
	CC3	0.5034	-0.0997	-0.1094	-1.29E-4	-6.61E-4	-4.09E-4
	CC4	0.5081	-0.1233	-0.1069	-1.53E-4	-6.68E-4	-3.88E-4
	CC5	-0.5038	0.1088	-0.1162	5.89E-5	6.62E-4	3.82E-4
	CC6	-0.4990	0.0852	-0.1138	3.47E-5	6.55E-4	4.02E-4
	CC7	-0.4530	-0.7363	-0.0271	-8.80E-4	5.80E-4	4.62E-4
	CC8	-0.4482	-0.7599	-0.0247	-9.04E-4	5.73E-4	4.83E-4
	CC9	0.0538	1.5325	-0.2761	1.67E-3	-4.29E-5	-2.99E-4
	CC10	0.0682	1.4609	-0.2687	1.59E-3	-6.35E-5	-2.37E-4
	CC11	-0.2331	1.3416	-0.2514	1.44E-3	3.29E-4	-3.76E-5
	CC12	-0.2187	1.2699	-0.2440	1.37E-3	3.09E-4	2.42E-5
	CC13	0.2230	-1.2844	0.0208	-1.46E-3	-3.15E-4	-3.08E-5
	CC14	0.2375	-1.3561	0.0283	-1.54E-3	-3.35E-4	3.10E-5
	CC15	-0.0639	-1.4754	0.0455	-1.69E-3	5.76E-5	2.31E-4
	CC16	-0.0494	-1.5471	0.0530	-1.76E-3	3.70E-5	2.92E-4
407	CC1	0.3928	0.7742	-0.3160	1.72E-3	-7.57E-4	-4.80E-4
	CC2	0.3970	0.7485	-0.3152	1.66E-3	-7.66E-4	-4.60E-4
	CC3	0.4354	0.0143	-0.2456	-3.42E-5	-8.80E-4	-3.57E-4
	CC4	0.4395	-0.0114	-0.2449	-9.03E-5	-8.89E-4	-3.37E-4
	CC5	-0.4356	0.0034	0.0218	6.31E-5	8.80E-4	3.32E-4
	CC6	-0.4315	-0.0223	0.0226	7.02E-6	8.71E-4	3.51E-4
	CC7	-0.3931	-0.7565	0.0922	-1.69E-3	7.57E-4	4.55E-4
	CC8	-0.3889	-0.7822	0.0930	-1.75E-3	7.48E-4	4.74E-4
	CC9	0.0490	1.4171	-0.2807	3.25E-3	-3.19E-5	-3.59E-4
	CC10	0.0616	1.3390	-0.2783	3.08E-3	-5.75E-5	-3.00E-4
	CC11	-0.1995	1.1858	-0.1793	2.75E-3	4.59E-4	-1.15E-4
	CC12	-0.1870	1.1077	-0.1770	2.58E-3	4.34E-4	-5.63E-5
	CC13	0.1909	-1.1158	-0.0461	-2.61E-3	-4.42E-4	5.09E-5
	CC14	0.2035	-1.1938	-0.0437	-2.78E-3	-4.68E-4	1.10E-4
	CC15	-0.0577	-1.3470	0.0553	-3.10E-3	4.87E-5	2.94E-4
	CC16	-0.0451	-1.4251	0.0576	-3.27E-3	2.30E-5	3.53E-4
408	CC1	0.3256	0.5991	-0.3067	2.13E-3	-7.68E-4	-3.75E-4
	CC2	0.3290	0.5791	-0.3059	2.07E-3	-7.76E-4	-3.59E-4
	CC3	0.3567	0.0148	-0.2382	6.74E-6	-9.00E-4	-2.94E-4
	CC4	0.3601	-0.0052	-0.2374	-6.19E-5	-9.08E-4	-2.79E-4
	CC5	-0.3569	-0.0014	0.0173	5.36E-5	8.99E-4	2.76E-4
	CC6	-0.3535	-0.0214	0.0181	-1.50E-5	8.91E-4	2.91E-4
	CC7	-0.3258	-0.5857	0.0858	-2.07E-3	7.68E-4	3.56E-4
	CC8	-0.3224	-0.6057	0.0866	-2.14E-3	7.59E-4	3.71E-4
	CC9	0.0470	1.0910	-0.2740	3.96E-3	-2.14E-5	-2.57E-4
	CC10	0.0573	1.0302	-0.2716	3.75E-3	-4.76E-5	-2.10E-4

	CC11	-0.1577	0.9109	-0.1768	3.33E-3	4.79E-4	-6.15E-5
	CC12	-0.1475	0.8501	-0.1744	3.13E-3	4.53E-4	-1.48E-5
	CC13	0.1507	-0.8567	-0.0458	-3.13E-3	-4.61E-4	1.15E-5
	CC14	0.1609	-0.9175	-0.0433	-3.34E-3	-4.87E-4	5.82E-5
	CC15	-0.0541	-1.0368	0.0515	-3.76E-3	3.89E-5	2.07E-4
	CC16	-0.0438	-1.0976	0.0539	-3.97E-3	1.27E-5	2.53E-4
<b>409</b>	CC1	0.2597	0.4220	-0.2945	1.77E-3	-7.30E-4	-2.55E-4
	CC2	0.2624	0.4077	-0.2936	1.71E-3	-7.38E-4	-2.44E-4
	CC3	0.2798	0.0146	-0.2268	1.95E-6	-8.46E-4	-2.30E-4
	CC4	0.2824	0.0002	-0.2259	-5.44E-5	-8.54E-4	-2.19E-4
	CC5	-0.2799	-0.0059	0.0089	3.84E-5	8.46E-4	2.18E-4
	CC6	-0.2773	-0.0203	0.0098	-1.79E-5	8.38E-4	2.29E-4
	CC7	-0.2599	-0.4134	0.0766	-1.73E-3	7.29E-4	2.43E-4
	CC8	-0.2573	-0.4277	0.0775	-1.79E-3	7.21E-4	2.54E-4
	CC9	0.0448	0.7622	-0.2681	3.28E-3	-3.40E-5	-1.29E-4
	CC10	0.0528	0.7187	-0.2655	3.11E-3	-5.80E-5	-9.63E-5
	CC11	-0.1171	0.6338	-0.1771	2.76E-3	4.39E-4	1.27E-5
	CC12	-0.1091	0.5903	-0.1744	2.59E-3	4.15E-4	4.56E-5
	CC13	0.1115	-0.5960	-0.0425	-2.61E-3	-4.23E-4	-4.68E-5
	CC14	0.1195	-0.6395	-0.0398	-2.78E-3	-4.47E-4	-1.39E-5
	CC15	-0.0504	-0.7244	0.0485	-3.13E-3	4.94E-5	9.51E-5
	CC16	-0.0424	-0.7679	0.0512	-3.30E-3	2.54E-5	1.28E-4
<b>410</b>	CC1	0.3935	0.6152	-0.0950	1.39E-3	-7.91E-4	-3.79E-4
	CC2	0.3976	0.5962	-0.0921	1.34E-3	-8.00E-4	-3.62E-4
	CC3	0.4356	-0.1174	-0.0008	-2.91E-4	-9.13E-4	-3.56E-4
	CC4	0.4397	-0.1365	0.0022	-3.33E-4	-9.21E-4	-3.40E-4
	CC5	-0.4365	0.1286	-0.2221	2.94E-4	9.10E-4	3.45E-4
	CC6	-0.4324	0.1095	-0.2192	2.52E-4	9.02E-4	3.62E-4
	CC7	-0.3944	-0.6041	-0.1279	-1.38E-3	7.89E-4	3.67E-4
	CC8	-0.3903	-0.6232	-0.1249	-1.43E-3	7.80E-4	3.84E-4
	CC9	0.0497	1.3191	-0.2525	3.00E-3	-4.48E-5	-1.68E-4
	CC10	0.0622	1.2611	-0.2436	2.88E-3	-7.11E-5	-1.18E-4
	CC11	-0.1993	1.1731	-0.2906	2.68E-3	4.66E-4	4.95E-5
	CC12	-0.1868	1.1151	-0.2817	2.55E-3	4.39E-4	9.93E-5
	CC13	0.1899	-1.1230	0.0617	-2.59E-3	-4.50E-4	-9.40E-5
	CC14	0.2025	-1.1810	0.0707	-2.72E-3	-4.77E-4	-4.42E-5
	CC15	-0.0591	-1.2691	0.0236	-2.91E-3	6.00E-5	1.23E-4
	CC16	-0.0465	-1.3270	0.0325	-3.04E-3	3.36E-5	1.73E-4
<b>411</b>	CC1	0.3226	0.4780	-0.0962	1.68E-3	-8.08E-4	-3.26E-4
	CC2	0.3260	0.4630	-0.0933	1.63E-3	-8.17E-4	-3.12E-4
	CC3	0.3534	-0.0890	-0.0043	-3.23E-4	-9.38E-4	-2.92E-4
	CC4	0.3568	-0.1039	-0.0015	-3.73E-4	-9.47E-4	-2.78E-4
	CC5	-0.3545	0.0976	-0.2158	3.70E-4	9.39E-4	2.81E-4
	CC6	-0.3511	0.0826	-0.2130	3.20E-4	9.30E-4	2.95E-4
	CC7	-0.3236	-0.4694	-0.1240	-1.63E-3	8.08E-4	3.15E-4
	CC8	-0.3203	-0.4843	-0.1212	-1.68E-3	7.99E-4	3.29E-4
	CC9	0.0463	1.0215	-0.2481	3.61E-3	-3.49E-5	-1.67E-4
	CC10	0.0564	0.9762	-0.2395	3.46E-3	-6.19E-5	-1.25E-4
	CC11	-0.1568	0.9073	-0.2840	3.22E-3	4.89E-4	1.47E-5
	CC12	-0.1467	0.8621	-0.2754	3.07E-3	4.62E-4	5.68E-5
	CC13	0.1490	-0.8685	0.0581	-3.07E-3	-4.71E-4	-5.36E-5
	CC14	0.1592	-0.9137	0.0667	-3.22E-3	-4.98E-4	-1.15E-5
	CC15	-0.0541	-0.9826	0.0222	-3.46E-3	5.33E-5	1.28E-4
	CC16	-0.0440	-1.0278	0.0308	-3.61E-3	2.63E-5	1.71E-4
<b>412</b>	CC1	0.2543	0.3388	-0.0992	1.42E-3	-7.36E-4	-2.78E-4
	CC2	0.2569	0.3280	-0.0966	1.38E-3	-7.44E-4	-2.66E-4
	CC3	0.2739	-0.0611	-0.0109	-2.70E-4	-8.56E-4	-2.26E-4
	CC4	0.2765	-0.0718	-0.0082	-3.12E-4	-8.64E-4	-2.15E-4
	CC5	-0.2748	0.0657	-0.2063	3.04E-4	8.56E-4	2.15E-4
	CC6	-0.2723	0.0549	-0.2036	2.62E-4	8.48E-4	2.26E-4
	CC7	-0.2553	-0.3342	-0.1179	-1.39E-3	7.36E-4	2.66E-4
	CC8	-0.2527	-0.3449	-0.1153	-1.43E-3	7.28E-4	2.78E-4
	CC9	0.0436	0.7207	-0.2425	3.05E-3	-2.97E-5	-1.77E-4
	CC10	0.0515	0.6880	-0.2344	2.92E-3	-5.41E-5	-1.42E-4
	CC11	-0.1151	0.6387	-0.2746	2.71E-3	4.48E-4	-2.93E-5
	CC12	-0.1073	0.6061	-0.2665	2.58E-3	4.24E-4	5.66E-6
	CC13	0.1089	-0.6122	0.0520	-2.59E-3	-4.31E-4	-5.71E-6
	CC14	0.1167	-0.6449	0.0601	-2.72E-3	-4.55E-4	2.92E-5
	CC15	-0.0498	-0.6942	0.0199	-2.93E-3	4.65E-5	1.42E-4
	CC16	-0.0420	-0.7268	0.0280	-3.06E-3	2.21E-5	1.77E-4
<b>413</b>	CC1	0.4923	0.9217	-0.1657	2.12E-3	-9.45E-4	-4.18E-4
	CC2	0.4853	0.8894	-0.1730	2.05E-3	-9.32E-4	-4.01E-4

	CC3	0.4873	0.1613	-0.3297	2.83E-4	-9.71E-4	-3.48E-4
	CC4	0.4803	0.1291	-0.3369	2.11E-4	-9.57E-4	-3.31E-4
	CC5	-0.4761	-0.1371	0.1159	-2.26E-4	9.65E-4	3.32E-4
	CC6	-0.4830	-0.1694	0.1087	-2.98E-4	9.78E-4	3.50E-4
	CC7	-0.4811	-0.8975	-0.0480	-2.06E-3	9.39E-4	4.03E-4
	CC8	-0.4880	-0.9297	-0.0552	-2.14E-3	9.53E-4	4.20E-4
	CC9	0.1662	1.4710	0.1315	3.52E-3	-2.61E-4	-2.55E-4
	CC10	0.1452	1.3731	0.1095	3.30E-3	-2.20E-4	-2.02E-4
	CC11	-0.1243	1.1533	0.2160	2.81E-3	3.12E-4	-3.00E-5
	CC12	-0.1453	1.0555	0.1940	2.59E-3	3.53E-4	2.32E-5
	CC13	0.1496	-1.0635	-0.4150	-2.61E-3	-3.46E-4	-2.14E-5
	CC14	0.1285	-1.1614	-0.4370	-2.83E-3	-3.04E-4	3.17E-5
	CC15	-0.1409	-1.3812	-0.3305	-3.31E-3	2.27E-4	2.04E-4
	CC16	-0.1620	-1.4790	-0.3525	-3.53E-3	2.69E-4	2.57E-4
<b>414</b>	CC1	0.4065	0.7273	-0.1629	2.23E-3	-9.97E-4	-3.53E-4
	CC2	0.4009	0.7016	-0.1698	2.15E-3	-9.81E-4	-3.38E-4
	CC3	0.4013	0.1357	-0.3203	2.90E-4	-9.85E-4	-2.90E-4
	CC4	0.3957	0.1100	-0.3273	2.15E-4	-9.70E-4	-2.76E-4
	CC5	-0.3915	-0.1171	0.1090	-2.24E-4	9.63E-4	2.78E-4
	CC6	-0.3971	-0.1428	0.1021	-3.00E-4	9.79E-4	2.92E-4
	CC7	-0.3967	-0.7087	-0.0484	-2.16E-3	9.75E-4	3.40E-4
	CC8	-0.4023	-0.7343	-0.0554	-2.24E-3	9.91E-4	3.54E-4
	CC9	0.1390	1.1481	0.1231	3.71E-3	-3.40E-4	-2.19E-4
	CC10	0.1219	1.0701	0.1019	3.48E-3	-2.93E-4	-1.75E-4
	CC11	-0.1004	0.8947	0.2047	2.97E-3	2.48E-4	-3.04E-5
	CC12	-0.1175	0.8168	0.1835	2.75E-3	2.95E-4	1.41E-5
	CC13	0.1217	-0.8239	-0.4017	-2.76E-3	-3.01E-4	-1.23E-5
	CC14	0.1045	-0.9018	-0.4229	-2.98E-3	-2.54E-4	3.23E-5
	CC15	-0.1177	-1.0772	-0.3201	-3.49E-3	2.87E-4	1.77E-4
	CC16	-0.1349	-1.1551	-0.3413	-3.72E-3	3.34E-4	2.21E-4
<b>415</b>	CC1	0.3201	0.5401	-0.1592	1.95E-3	-9.51E-4	-2.78E-4
	CC2	0.3158	0.5208	-0.1657	1.88E-3	-9.36E-4	-2.66E-4
	CC3	0.3164	0.1110	-0.3042	2.68E-4	-9.30E-4	-2.31E-4
	CC4	0.3121	0.0916	-0.3107	2.02E-4	-9.15E-4	-2.19E-4
	CC5	-0.3085	-0.0977	0.0951	-2.17E-4	9.12E-4	2.21E-4
	CC6	-0.3127	-0.1170	0.0886	-2.83E-4	9.27E-4	2.33E-4
	CC7	-0.3121	-0.5268	-0.0499	-1.90E-3	9.33E-4	2.68E-4
	CC8	-0.3164	-0.5462	-0.0564	-1.97E-3	9.48E-4	2.80E-4
	CC9	0.1087	0.8373	0.1056	3.22E-3	-3.38E-4	-1.70E-4
	CC10	0.0958	0.7786	0.0859	3.02E-3	-2.93E-4	-1.34E-4
	CC11	-0.0799	0.6460	0.1819	2.57E-3	2.21E-4	-1.99E-5
	CC12	-0.0928	0.5872	0.1622	2.37E-3	2.66E-4	1.53E-5
	CC13	0.0965	-0.5933	-0.3778	-2.39E-3	-2.69E-4	-1.31E-5
	CC14	0.0835	-0.6520	-0.3975	-2.59E-3	-2.24E-4	2.22E-5
	CC15	-0.0921	-0.7846	-0.3015	-3.04E-3	2.90E-4	1.37E-4
	CC16	-0.1050	-0.8434	-0.3212	-3.24E-3	3.35E-4	1.72E-4
<b>416</b>	CC1	0.4376	0.9237	-0.2791	2.13E-3	-8.57E-4	-4.13E-4
	CC2	0.4359	0.8914	-0.2735	2.06E-3	-8.53E-4	-3.96E-4
	CC3	0.4616	0.1614	-0.1414	2.82E-4	-9.09E-4	-3.46E-4
	CC4	0.4599	0.1291	-0.1357	2.10E-4	-9.04E-4	-3.29E-4
	CC5	-0.4548	-0.1378	-0.0797	-2.35E-4	9.11E-4	3.30E-4
	CC6	-0.4565	-0.1701	-0.0741	-3.08E-4	9.15E-4	3.48E-4
	CC7	-0.4307	-0.9001	0.0581	-2.08E-3	8.59E-4	3.98E-4
	CC8	-0.4324	-0.9325	0.0637	-2.15E-3	8.64E-4	4.15E-4
	CC9	0.0990	1.4745	-0.3758	3.53E-3	-1.83E-4	-2.49E-4
	CC10	0.0937	1.3763	-0.3587	3.31E-3	-1.69E-4	-1.96E-4
	CC11	-0.1687	1.1560	-0.3159	2.82E-3	3.47E-4	-2.58E-5
	CC12	-0.1740	1.0579	-0.2988	2.60E-3	3.61E-4	2.66E-5
	CC13	0.1791	-1.0666	0.0834	-2.63E-3	-3.55E-4	-2.49E-5
	CC14	0.1739	-1.1647	0.1005	-2.84E-3	-3.41E-4	2.76E-5
	CC15	-0.0886	-1.3851	0.1432	-3.33E-3	1.76E-4	1.98E-4
	CC16	-0.0938	-1.4832	0.1603	-3.55E-3	1.89E-4	2.51E-4
<b>417</b>	CC1	0.3618	0.7283	-0.2731	2.24E-3	-8.64E-4	-3.48E-4
	CC2	0.3604	0.7026	-0.2676	2.17E-3	-8.61E-4	-3.33E-4
	CC3	0.3796	0.1361	-0.1391	2.86E-4	-9.52E-4	-2.90E-4
	CC4	0.3782	0.1104	-0.1336	2.10E-4	-9.49E-4	-2.75E-4
	CC5	-0.3731	-0.1168	-0.0794	-2.37E-4	9.44E-4	2.76E-4
	CC6	-0.3745	-0.1425	-0.0739	-3.13E-4	9.47E-4	2.91E-4
	CC7	-0.3552	-0.7090	0.0545	-2.19E-3	8.56E-4	3.34E-4
	CC8	-0.3566	-0.7347	0.0600	-2.27E-3	8.59E-4	3.49E-4
	CC9	0.0852	1.1496	-0.3672	3.74E-3	-1.32E-4	-2.12E-4
	CC10	0.0810	1.0716	-0.3505	3.51E-3	-1.22E-4	-1.68E-4

	CC11	-0.1353	0.8961	-0.3091	2.99E-3	4.10E-4	-2.44E-5
	CC12	-0.1395	0.8181	-0.2924	2.76E-3	4.21E-4	1.95E-5
	CC13	0.1446	-0.8245	0.0794	-2.79E-3	-4.26E-4	-1.85E-5
	CC14	0.1404	-0.9025	0.0960	-3.02E-3	-4.15E-4	2.54E-5
	CC15	-0.0758	-1.0780	0.1375	-3.53E-3	1.17E-4	1.69E-4
	CC16	-0.0800	-1.1560	0.1541	-3.76E-3	1.27E-4	2.13E-4
<b>418</b>	CC1	0.2877	0.5400	-0.2626	1.96E-3	-8.09E-4	-2.76E-4
	CC2	0.2866	0.5207	-0.2576	1.90E-3	-8.06E-4	-2.64E-4
	CC3	0.2973	0.1116	-0.1400	2.69E-4	-9.01E-4	-2.32E-4
	CC4	0.2962	0.0923	-0.1350	2.02E-4	-8.98E-4	-2.21E-4
	CC5	-0.2916	-0.0966	-0.0758	-2.23E-4	8.93E-4	2.20E-4
	CC6	-0.2927	-0.1159	-0.0707	-2.89E-4	8.95E-4	2.32E-4
	CC7	-0.2820	-0.5249	0.0468	-1.92E-3	8.00E-4	2.64E-4
	CC8	-0.2831	-0.5443	0.0519	-1.99E-3	8.03E-4	2.76E-4
	CC9	0.0749	0.8366	-0.3454	3.25E-3	-1.08E-4	-1.65E-4
	CC10	0.0715	0.7780	-0.3301	3.04E-3	-9.98E-5	-1.30E-4
	CC11	-0.0989	0.6456	-0.2894	2.59E-3	4.02E-4	-1.61E-5
	CC12	-0.1023	0.5870	-0.2740	2.39E-3	4.11E-4	1.89E-5
	CC13	0.1069	-0.5913	0.0633	-2.41E-3	-4.16E-4	-1.89E-5
	CC14	0.1035	-0.6499	0.0786	-2.61E-3	-4.08E-4	1.61E-5
	CC15	-0.0669	-0.7822	0.1193	-3.06E-3	9.42E-5	1.30E-4
	CC16	-0.0703	-0.8409	0.1347	-3.27E-3	1.03E-4	1.65E-4
<b>419</b>	CC1	0.5697	1.1285	-0.1690	1.97E-3	-6.91E-4	-4.88E-4
	CC2	0.5615	1.0889	-0.1766	1.90E-3	-6.90E-4	-4.68E-4
	CC3	0.5669	0.2203	-0.3646	3.49E-4	-9.36E-4	-4.08E-4
	CC4	0.5588	0.1807	-0.3721	2.83E-4	-9.35E-4	-3.87E-4
	CC5	-0.5566	-0.1911	0.1509	-3.08E-4	9.56E-4	3.83E-4
	CC6	-0.5648	-0.2307	0.1434	-3.74E-4	9.56E-4	4.03E-4
	CC7	-0.5593	-1.0993	-0.0447	-1.93E-3	7.11E-4	4.63E-4
	CC8	-0.5675	-1.1389	-0.0522	-1.99E-3	7.11E-4	4.84E-4
	CC9	0.1870	1.7666	0.1788	3.12E-3	1.71E-4	-2.98E-4
	CC10	0.1621	1.6464	0.1559	2.92E-3	1.72E-4	-2.36E-4
	CC11	-0.1509	1.3707	0.2748	2.44E-3	6.65E-4	-3.65E-5
	CC12	-0.1758	1.2505	0.2519	2.24E-3	6.66E-4	2.53E-5
	CC13	0.1779	-1.2609	-0.4731	-2.27E-3	-6.46E-4	-2.97E-5
	CC14	0.1531	-1.3811	-0.4960	-2.47E-3	-6.44E-4	3.21E-5
	CC15	-0.1599	-1.6568	-0.3771	-2.95E-3	-1.52E-4	2.32E-4
	CC16	-0.1848	-1.7770	-0.4000	-3.15E-3	-1.50E-4	2.93E-4
<b>420</b>	CC1	0.4906	0.9786	-0.1747	2.25E-3	-1.04E-3	-3.57E-4
	CC2	0.4835	0.9438	-0.1826	2.18E-3	-1.02E-3	-3.41E-4
	CC3	0.4873	0.2194	-0.4013	3.98E-4	-9.52E-4	-3.33E-4
	CC4	0.4802	0.1847	-0.4092	3.21E-4	-9.32E-4	-3.18E-4
	CC5	-0.4762	-0.1932	0.1908	-3.38E-4	9.49E-4	3.19E-4
	CC6	-0.4833	-0.2280	0.1830	-4.15E-4	9.69E-4	3.34E-4
	CC7	-0.4795	-0.9523	-0.0358	-2.19E-3	1.04E-3	3.42E-4
	CC8	-0.4866	-0.9871	-0.0436	-2.27E-3	1.06E-3	3.58E-4
	CC9	0.1633	1.4895	0.2256	3.59E-3	-4.66E-4	-1.63E-4
	CC10	0.1418	1.3840	0.2018	3.35E-3	-4.05E-4	-1.17E-4
	CC11	-0.1267	1.1380	0.3352	2.81E-3	1.31E-4	3.93E-5
	CC12	-0.1483	1.0325	0.3114	2.58E-3	1.92E-4	8.56E-5
	CC13	0.1523	-1.0410	-0.5298	-2.59E-3	-1.75E-4	-8.46E-5
	CC14	0.1307	-1.1465	-0.5536	-2.83E-3	-1.14E-4	-3.83E-5
	CC15	-0.1377	-1.3925	-0.4201	-3.37E-3	4.22E-4	1.18E-4
	CC16	-0.1593	-1.4980	-0.4439	-3.60E-3	4.83E-4	1.64E-4
<b>421</b>	CC1	0.4081	0.7876	-0.1714	2.09E-3	-8.37E-4	-2.65E-4
	CC2	0.4023	0.7594	-0.1789	2.01E-3	-8.28E-4	-2.53E-4
	CC3	0.4043	0.1851	-0.3876	3.75E-4	-9.36E-4	-2.57E-4
	CC4	0.3985	0.1569	-0.3951	3.03E-4	-9.26E-4	-2.45E-4
	CC5	-0.3936	-0.1639	0.1784	-3.21E-4	9.30E-4	2.48E-4
	CC6	-0.3994	-0.1920	0.1710	-3.93E-4	9.39E-4	2.60E-4
	CC7	-0.3974	-0.7663	-0.0378	-2.03E-3	8.32E-4	2.56E-4
	CC8	-0.4032	-0.7945	-0.0452	-2.10E-3	8.41E-4	2.67E-4
	CC9	0.1378	1.1861	0.2109	3.31E-3	-1.12E-4	-1.06E-4
	CC10	0.1202	1.1006	0.1882	3.09E-3	-8.45E-5	-7.03E-5
	CC11	-0.1027	0.9007	0.3158	2.59E-3	4.18E-4	4.79E-5
	CC12	-0.1203	0.8152	0.2932	2.37E-3	4.46E-4	8.35E-5
	CC13	0.1252	-0.8222	-0.5098	-2.39E-3	-4.42E-4	-8.09E-5
	CC14	0.1076	-0.9077	-0.5325	-2.61E-3	-4.14E-4	-4.53E-5
	CC15	-0.1153	-1.1076	-0.4049	-3.11E-3	8.85E-5	7.29E-5
	CC16	-0.1329	-1.1931	-0.4275	-3.33E-3	1.16E-4	1.09E-4
<b>422</b>	CC1	0.3255	0.6030	-0.1702	2.13E-3	-1.05E-3	-2.30E-4
	CC2	0.3209	0.5812	-0.1771	2.06E-3	-1.03E-3	-2.21E-4

	CC3	0.3218	0.1520	-0.3692	3.75E-4	-9.52E-4	-2.02E-4
	CC4	0.3173	0.1302	-0.3761	3.02E-4	-9.32E-4	-1.93E-4
	CC5	-0.3122	-0.1357	0.1615	-3.17E-4	9.33E-4	1.90E-4
	CC6	-0.3167	-0.1575	0.1546	-3.90E-4	9.53E-4	2.00E-4
	CC7	-0.3158	-0.5867	-0.0375	-2.07E-3	1.03E-3	2.18E-4
	CC8	-0.3203	-0.6085	-0.0444	-2.14E-3	1.05E-3	2.28E-4
	CC9	0.1111	0.8929	0.1852	3.39E-3	-4.89E-4	-1.26E-4
	CC10	0.0974	0.8266	0.1643	3.17E-3	-4.28E-4	-9.66E-5
	CC11	-0.0802	0.6713	0.2847	2.66E-3	1.05E-4	1.86E-7
	CC12	-0.0939	0.6050	0.2638	2.44E-3	1.66E-4	2.96E-5
	CC13	0.0990	-0.6105	-0.4783	-2.45E-3	-1.66E-4	-3.22E-5
	CC14	0.0853	-0.6768	-0.4993	-2.67E-3	-1.05E-4	-2.82E-6
	CC15	-0.0923	-0.8321	-0.3788	-3.19E-3	4.29E-4	9.40E-5
	CC16	-0.1060	-0.8984	-0.3998	-3.41E-3	4.90E-4	1.23E-4
423	CC1	0.5103	1.1336	-0.3511	1.88E-3	-9.76E-4	-4.90E-4
	CC2	0.5079	1.0938	-0.3449	1.82E-3	-9.60E-4	-4.69E-4
	CC3	0.5338	0.2245	-0.2153	3.36E-4	-7.48E-4	-4.09E-4
	CC4	0.5314	0.1847	-0.2090	2.73E-4	-7.32E-4	-3.89E-4
	CC5	-0.5278	-0.1947	-0.0065	-2.92E-4	7.48E-4	3.81E-4
	CC6	-0.5302	-0.2345	-0.0003	-3.55E-4	7.64E-4	4.02E-4
	CC7	-0.5043	-1.1038	0.1294	-1.84E-3	9.77E-4	4.62E-4
	CC8	-0.5067	-1.1436	0.1356	-1.90E-3	9.93E-4	4.82E-4
	CC9	0.1220	1.7697	-0.3954	2.98E-3	-6.55E-4	-2.99E-4
	CC10	0.1147	1.6489	-0.3765	2.79E-3	-6.07E-4	-2.38E-4
	CC11	-0.1894	1.3712	-0.2920	2.33E-3	-1.38E-4	-3.81E-5
	CC12	-0.1967	1.2504	-0.2731	2.14E-3	-8.93E-5	2.37E-5
	CC13	0.2003	-1.2604	0.0576	-2.16E-3	1.06E-4	-3.13E-5
	CC14	0.1930	-1.3812	0.0765	-2.35E-3	1.55E-4	3.05E-5
	CC15	-0.1111	-1.6589	0.1609	-2.81E-3	6.23E-4	2.30E-4
	CC16	-0.1184	-1.7797	0.1798	-3.00E-3	6.72E-4	2.92E-4
424	CC1	0.4414	0.9855	-0.4272	2.31E-3	-7.82E-4	-2.81E-4
	CC2	0.4392	0.9504	-0.4203	2.23E-3	-7.82E-4	-2.68E-4
	CC3	0.4596	0.2266	-0.2914	4.12E-4	-9.60E-4	-3.36E-4
	CC4	0.4574	0.1915	-0.2845	3.32E-4	-9.60E-4	-3.23E-4
	CC5	-0.4523	-0.1994	0.0714	-3.53E-4	9.75E-4	3.18E-4
	CC6	-0.4545	-0.2344	0.0783	-4.32E-4	9.75E-4	3.30E-4
	CC7	-0.4341	-0.9583	0.2072	-2.25E-3	7.98E-4	2.62E-4
	CC8	-0.4363	-0.9933	0.2142	-2.33E-3	7.98E-4	2.75E-4
	CC9	0.1097	1.4918	-0.4182	3.67E-3	3.98E-5	-1.99E-5
	CC10	0.1030	1.3854	-0.3972	3.43E-3	4.02E-5	1.90E-5
	CC11	-0.1584	1.1363	-0.2686	2.88E-3	5.67E-4	1.60E-4
	CC12	-0.1651	1.0300	-0.2476	2.63E-3	5.67E-4	1.99E-4
	CC13	0.1702	-1.0378	0.0346	-2.65E-3	-5.52E-4	-2.04E-4
	CC14	0.1635	-1.1442	0.0556	-2.90E-3	-5.52E-4	-1.65E-4
	CC15	-0.0979	-1.3933	0.1842	-3.45E-3	-2.48E-5	-2.46E-5
	CC16	-0.1046	-1.4996	0.2052	-3.69E-3	-2.45E-5	1.42E-5
425	CC1	0.3675	0.7944	-0.4183	2.03E-3	-8.69E-4	-3.67E-4
	CC2	0.3658	0.7659	-0.4117	1.96E-3	-8.60E-4	-3.52E-4
	CC3	0.3815	0.1914	-0.2896	3.73E-4	-8.27E-4	-2.90E-4
	CC4	0.3797	0.1630	-0.2830	3.04E-4	-8.18E-4	-2.74E-4
	CC5	-0.3739	-0.1692	0.0710	-3.20E-4	8.24E-4	2.62E-4
	CC6	-0.3757	-0.1976	0.0776	-3.90E-4	8.33E-4	2.78E-4
	CC7	-0.3600	-0.7721	0.1998	-1.98E-3	8.66E-4	3.40E-4
	CC8	-0.3617	-0.8006	0.2064	-2.05E-3	8.75E-4	3.55E-4
	CC9	0.0936	1.1895	-0.4040	3.21E-3	-3.33E-4	-2.53E-4
	CC10	0.0882	1.1032	-0.3839	3.00E-3	-3.07E-4	-2.06E-4
	CC11	-0.1288	0.9005	-0.2572	2.51E-3	1.74E-4	-6.38E-5
	CC12	-0.1342	0.8141	-0.2371	2.30E-3	2.01E-4	-1.74E-5
	CC13	0.1400	-0.8203	0.0252	-2.31E-3	-1.95E-4	5.61E-6
	CC14	0.1346	-0.9067	0.0453	-2.52E-3	-1.68E-4	5.20E-5
	CC15	-0.0824	-1.1093	0.1720	-3.02E-3	3.13E-4	1.94E-4
	CC16	-0.0878	-1.1957	0.1921	-3.23E-3	3.40E-4	2.41E-4
426	CC1	0.2929	0.6114	-0.4039	2.17E-3	-8.42E-4	-4.54E-4
	CC2	0.2916	0.5892	-0.3978	2.10E-3	-8.41E-4	-4.36E-4
	CC3	0.3022	0.1578	-0.2870	3.98E-4	-1.00E-3	-2.49E-4
	CC4	0.3009	0.1357	-0.2809	3.23E-4	-9.99E-4	-2.31E-4
	CC5	-0.2952	-0.1404	0.0704	-3.41E-4	9.85E-4	2.32E-4
	CC6	-0.2965	-0.1626	0.0765	-4.16E-4	9.85E-4	2.49E-4
	CC7	-0.2859	-0.5940	0.1872	-2.12E-3	8.27E-4	4.37E-4
	CC8	-0.2872	-0.6162	0.1933	-2.19E-3	8.28E-4	4.54E-4
	CC9	0.0776	0.9000	-0.3804	3.44E-3	-1.93E-5	-4.71E-4
	CC10	0.0735	0.8327	-0.3619	3.21E-3	-1.76E-5	-4.17E-4

	CC11	-0.0988	0.6744	-0.2381	2.68E-3	5.29E-4	-2.65E-4
	CC12	-0.1029	0.6071	-0.2196	2.46E-3	5.30E-4	-2.12E-4
	CC13	0.1086	-0.6119	0.0090	-2.48E-3	-5.45E-4	2.12E-4
	CC14	0.1045	-0.6792	0.0275	-2.70E-3	-5.43E-4	2.66E-4
	CC15	-0.0678	-0.8375	0.1513	-3.23E-3	3.29E-6	4.18E-4
	CC16	-0.0719	-0.9047	0.1698	-3.46E-3	4.97E-6	4.71E-4
427	CC1	0.4548	0.1772	-0.0215	3.44E-4	1.08E-28	-4.84E-4
	CC2	0.4592	0.1772	-0.0201	3.45E-4	1.08E-28	-4.63E-4
	CC3	0.5041	-0.5745	0.1606	-1.06E-3	6.76E-29	-4.03E-4
	CC4	0.5084	-0.5745	0.1620	-1.06E-3	6.76E-29	-3.83E-4
	CC5	-0.5052	0.5554	-0.3413	1.01E-3	-6.76E-29	3.88E-4
	CC6	-0.5008	0.5554	-0.3399	1.01E-3	-6.76E-29	4.08E-4
	CC7	-0.4560	-0.1964	-0.1592	-3.98E-4	-1.08E-28	4.68E-4
	CC8	-0.4516	-0.1963	-0.1578	-3.97E-4	-1.08E-28	4.88E-4
	CC9	0.0569	1.1865	-0.3473	2.21E-3	9.30E-29	-2.93E-4
	CC10	0.0702	1.1866	-0.3431	2.22E-3	9.30E-29	-2.31E-4
	CC11	-0.2311	1.3000	-0.4433	2.41E-3	4.05E-29	-3.19E-5
	CC12	-0.2178	1.3000	-0.4390	2.42E-3	4.05E-29	2.98E-5
	CC13	0.2210	-1.3192	0.2596	-2.47E-3	-4.05E-29	-2.51E-5
	CC14	0.2343	-1.3191	0.2639	-2.47E-3	-4.05E-29	3.66E-5
	CC15	-0.0670	-1.2057	0.1637	-2.27E-3	-9.30E-29	2.36E-4
	CC16	-0.0537	-1.2057	0.1680	-2.27E-3	-9.30E-29	2.98E-4
428	CC1	0.4549	0.2342	-0.0310	4.73E-4	2.77E-29	-4.90E-4
	CC2	0.4593	0.2318	-0.0296	4.69E-4	2.77E-29	-4.69E-4
	CC3	0.5042	-0.5270	0.0962	-9.56E-4	1.74E-29	-4.09E-4
	CC4	0.5085	-0.5294	0.0976	-9.60E-4	1.74E-29	-3.89E-4
	CC5	-0.5051	0.5104	-0.2783	9.09E-4	-1.74E-29	3.81E-4
	CC6	-0.5007	0.5080	-0.2768	9.04E-4	-1.74E-29	4.02E-4
	CC7	-0.4559	-0.2508	-0.1511	-5.20E-4	-2.77E-29	4.62E-4
	CC8	-0.4515	-0.2532	-0.1496	-5.25E-4	-2.77E-29	4.82E-4
	CC9	0.0571	1.2213	-0.2675	2.30E-3	2.39E-29	-2.99E-4
	CC10	0.0703	1.2141	-0.2631	2.28E-3	2.39E-29	-2.38E-4
	CC11	-0.2310	1.3041	-0.3416	2.43E-3	1.03E-29	-3.80E-5
	CC12	-0.2177	1.2969	-0.3372	2.41E-3	1.03E-29	2.38E-5
	CC13	0.2212	-1.3159	0.1566	-2.47E-3	-1.03E-29	-3.12E-5
	CC14	0.2344	-1.3232	0.1610	-2.48E-3	-1.03E-29	3.06E-5
	CC15	-0.0669	-1.2331	0.0824	-2.34E-3	-2.39E-29	2.30E-4
	CC16	-0.0536	-1.2403	0.0868	-2.35E-3	-2.39E-29	2.92E-4
429	CC1	0.4551	0.2923	-0.0373	4.93E-4	3.13E-28	-4.90E-4
	CC2	0.4594	0.2875	-0.0357	4.87E-4	3.13E-28	-4.69E-4
	CC3	0.5043	-0.4785	0.0537	-8.53E-4	1.96E-28	-4.09E-4
	CC4	0.5086	-0.4833	0.0552	-8.59E-4	1.96E-28	-3.89E-4
	CC5	-0.5050	0.4652	-0.2385	7.98E-4	-1.96E-28	3.81E-4
	CC6	-0.5006	0.4604	-0.2370	7.91E-4	-1.96E-28	4.02E-4
	CC7	-0.4557	-0.3056	-0.1476	-5.48E-4	-3.13E-28	4.62E-4
	CC8	-0.4514	-0.3104	-0.1461	-5.54E-4	-3.13E-28	4.82E-4
	CC9	0.0572	1.2569	-0.2154	2.18E-3	2.72E-28	-2.99E-4
	CC10	0.0704	1.2423	-0.2107	2.16E-3	2.72E-28	-2.38E-4
	CC11	-0.2308	1.3087	-0.2757	2.27E-3	1.20E-28	-3.81E-5
	CC12	-0.2176	1.2942	-0.2711	2.25E-3	1.20E-28	2.37E-5
	CC13	0.2213	-1.3123	0.0877	-2.31E-3	-1.20E-28	-3.13E-5
	CC14	0.2345	-1.3269	0.0924	-2.33E-3	-1.20E-28	3.05E-5
	CC15	-0.0667	-1.2604	0.0274	-2.22E-3	-2.72E-28	2.30E-4
	CC16	-0.0535	-1.2750	0.0320	-2.24E-3	-2.72E-28	2.92E-4
430	CC1	0.5299	-0.9983	0.0547	4.38E-29	-8.81E-4	-4.85E-4
	CC2	0.5254	-0.9489	0.0492	4.38E-29	-8.74E-4	-4.64E-4
	CC3	0.5453	-1.5549	0.1129	2.74E-29	-9.13E-4	-4.04E-4
	CC4	0.5407	-1.5055	0.1074	2.74E-29	-9.06E-4	-3.84E-4
	CC5	-0.5390	1.4911	-0.2837	-2.74E-29	8.76E-4	3.86E-4
	CC6	-0.5435	1.5405	-0.2892	-2.74E-29	8.83E-4	4.07E-4
	CC7	-0.5236	0.9345	-0.2255	-4.38E-29	8.44E-4	4.67E-4
	CC8	-0.5282	0.9840	-0.2310	-4.38E-29	8.51E-4	4.87E-4
	CC9	0.1426	0.4720	-0.1261	3.80E-29	-2.35E-4	-2.94E-4
	CC10	0.1287	0.6220	-0.1427	3.80E-29	-2.14E-4	-2.33E-4
	CC11	-0.1781	1.2189	-0.2276	1.66E-29	2.92E-4	-3.31E-5
	CC12	-0.1919	1.3688	-0.2443	1.66E-29	3.13E-4	2.87E-5
	CC13	0.1937	-1.3832	0.0679	-1.66E-29	-3.43E-4	-2.63E-5
	CC14	0.1798	-1.2332	0.0513	-1.66E-29	-3.22E-4	3.54E-5
	CC15	-0.1270	-0.6364	-0.0336	-3.80E-29	1.84E-4	2.35E-4
	CC16	-0.1408	-0.4864	-0.0503	-3.80E-29	2.05E-4	2.97E-4
431	CC1	0.5495	-0.9984	0.0241	2.22E-28	-9.01E-4	-4.85E-4
	CC2	0.5429	-0.9490	0.0256	2.22E-28	-8.92E-4	-4.64E-4

	CC3	0.5575	-1.5550	-0.0073	1.40E-28	-9.10E-4	-4.04E-4
	CC4	0.5510	-1.5055	-0.0057	1.40E-28	-9.00E-4	-3.84E-4
	CC5	-0.5495	1.4911	-0.1737	-1.40E-28	8.63E-4	3.86E-4
	CC6	-0.5560	1.5405	-0.1722	-1.40E-28	8.72E-4	4.07E-4
	CC7	-0.5414	0.9345	-0.2051	-2.22E-28	8.55E-4	4.67E-4
	CC8	-0.5479	0.9839	-0.2035	-2.22E-28	8.64E-4	4.87E-4
	CC9	0.1621	0.4720	-0.0101	1.91E-28	-2.84E-4	-2.94E-4
	CC10	0.1423	0.6219	-0.0054	1.91E-28	-2.55E-4	-2.33E-4
	CC11	-0.1676	1.2188	-0.0695	8.21E-29	2.46E-4	-3.31E-5
	CC12	-0.1874	1.3688	-0.0648	8.21E-29	2.74E-4	2.87E-5
	CC13	0.1889	-1.3833	-0.1146	-8.21E-29	-3.11E-4	-2.63E-5
	CC14	0.1691	-1.2333	-0.1099	-8.21E-29	-2.83E-4	3.55E-5
	CC15	-0.1408	-0.6364	-0.1740	-1.91E-28	2.18E-4	2.35E-4
	CC16	-0.1605	-0.4865	-0.1693	-1.91E-28	2.46E-4	2.97E-4
432	CC1	0.5554	1.1720	-0.2158	7.62E-4	-9.66E-4	-4.87E-4
	CC2	0.5483	1.1306	-0.2203	7.39E-4	-9.51E-4	-4.67E-4
	CC3	0.5615	0.2566	-0.3598	6.56E-5	-8.84E-4	-4.07E-4
	CC4	0.5544	0.2152	-0.3643	4.28E-5	-8.68E-4	-3.86E-4
	CC5	-0.5523	-0.2251	0.1457	-1.22E-5	8.85E-4	3.84E-4
	CC6	-0.5593	-0.2665	0.1412	-3.50E-5	9.00E-4	4.04E-4
	CC7	-0.5462	-1.1404	0.0017	-7.09E-4	9.67E-4	4.64E-4
	CC8	-0.5532	-1.1819	-0.0029	-7.32E-4	9.82E-4	4.85E-4
	CC9	0.1677	1.7931	0.0834	1.33E-3	-4.29E-4	-2.97E-4
	CC10	0.1463	1.6674	0.0697	1.26E-3	-3.83E-4	-2.35E-4
	CC11	-0.1646	1.3740	0.1919	1.09E-3	1.26E-4	-3.55E-5
	CC12	-0.1860	1.2483	0.1781	1.03E-3	1.72E-4	2.62E-5
	CC13	0.1881	-1.2582	-0.3968	-9.95E-4	-1.56E-4	-2.88E-5
	CC14	0.1667	-1.3839	-0.4105	-1.06E-3	-1.09E-4	3.30E-5
	CC15	-0.1442	-1.6773	-0.2883	-1.23E-3	4.00E-4	2.33E-4
	CC16	-0.1656	-1.8030	-0.3020	-1.30E-3	4.46E-4	2.94E-4
433	CC1	0.8477	-1.4692	-0.1167	-1.57E-3	-8.42E-4	-7.69E-4
	CC2	0.8386	-1.3945	-0.1154	-1.50E-3	-8.34E-4	-7.37E-4
	CC3	0.8606	-2.3992	-0.1337	-2.56E-3	-8.57E-4	-6.54E-4
	CC4	0.8516	-2.3244	-0.1324	-2.48E-3	-8.49E-4	-6.22E-4
	CC5	-0.8348	2.2956	-0.0530	2.44E-3	7.85E-4	6.05E-4
	CC6	-0.8439	2.3704	-0.0517	2.52E-3	7.92E-4	6.37E-4
	CC7	-0.8219	1.3657	-0.0700	1.45E-3	7.70E-4	7.20E-4
	CC8	-0.8309	1.4404	-0.0687	1.53E-3	7.77E-4	7.51E-4
	CC9	0.2529	0.8574	-0.0758	9.02E-4	-2.63E-4	-4.54E-4
	CC10	0.2254	1.0842	-0.0719	1.14E-3	-2.39E-4	-3.58E-4
	CC11	-0.2518	1.9869	-0.0567	2.11E-3	2.25E-4	-4.25E-5
	CC12	-0.2793	2.2136	-0.0528	2.35E-3	2.49E-4	5.44E-5
	CC13	0.2961	-2.2424	-0.1326	-2.39E-3	-3.13E-4	-7.15E-5
	CC14	0.2686	-2.0157	-0.1287	-2.15E-3	-2.90E-4	2.53E-5
	CC15	-0.2087	-1.1130	-0.1135	-1.19E-3	1.75E-4	3.40E-4
	CC16	-0.2362	-0.8862	-0.1096	-9.44E-4	1.98E-4	4.37E-4
434	CC1	0.8168	-1.4691	0.0319	-1.53E-3	-8.03E-4	-7.70E-4
	CC2	0.8108	-1.3944	0.0257	-1.45E-3	-7.98E-4	-7.38E-4
	CC3	0.8407	-2.3990	0.1084	-2.48E-3	-8.33E-4	-6.55E-4
	CC4	0.8347	-2.3243	0.1022	-2.41E-3	-8.27E-4	-6.23E-4
	CC5	-0.8199	2.2958	-0.2838	2.37E-3	7.74E-4	6.03E-4
	CC6	-0.8259	2.3705	-0.2900	2.45E-3	7.80E-4	6.35E-4
	CC7	-0.7959	1.3658	-0.2073	1.41E-3	7.45E-4	7.18E-4
	CC8	-0.8019	1.4405	-0.2135	1.49E-3	7.50E-4	7.50E-4
	CC9	0.2221	0.8576	-0.1615	8.77E-4	-2.22E-4	-4.56E-4
	CC10	0.2039	1.0843	-0.1805	1.11E-3	-2.05E-4	-3.59E-4
	CC11	-0.2689	1.9870	-0.2562	2.05E-3	2.51E-4	-4.37E-5
	CC12	-0.2871	2.2138	-0.2752	2.28E-3	2.68E-4	5.31E-5
	CC13	0.3019	-2.2423	0.0936	-2.32E-3	-3.21E-4	-7.28E-5
	CC14	0.2838	-2.0156	0.0746	-2.08E-3	-3.04E-4	2.40E-5
	CC15	-0.1890	-1.1128	-0.0011	-1.15E-3	1.52E-4	3.39E-4
	CC16	-0.2072	-0.8861	-0.0201	-9.15E-4	1.69E-4	4.36E-4
435	CC1	0.8001	-1.3439	-0.2561	-1.59E-3	-9.24E-4	-6.83E-4
	CC2	0.7890	-1.2758	-0.2478	-1.50E-3	-9.12E-4	-6.54E-4
	CC3	0.8019	-2.1878	-0.3618	-2.69E-3	-9.43E-4	-5.71E-4
	CC4	0.7908	-2.1196	-0.3535	-2.60E-3	-9.31E-4	-5.43E-4
	CC5	-0.7789	2.0955	0.1634	2.56E-3	8.88E-4	5.46E-4
	CC6	-0.7901	2.1637	0.1718	2.65E-3	9.00E-4	5.75E-4
	CC7	-0.7771	1.2517	0.0577	1.46E-3	8.69E-4	6.58E-4
	CC8	-0.7882	1.3199	0.0661	1.55E-3	8.81E-4	6.87E-4
	CC9	0.2567	0.7750	0.0055	1.06E-3	-2.80E-4	-4.12E-4
	CC10	0.2228	0.9819	0.0309	1.32E-3	-2.44E-4	-3.25E-4

	CC11	-0.2170	1.8068	0.1314	2.31E-3	2.63E-4	-4.32E-5
	CC12	-0.2509	2.0137	0.1567	2.56E-3	3.00E-4	4.35E-5
	CC13	0.2627	-2.0378	-0.3468	-2.60E-3	-3.44E-4	-3.98E-5
	CC14	0.2289	-1.8309	-0.3214	-2.35E-3	-3.07E-4	4.69E-5
	CC15	-0.2110	-1.0060	-0.2209	-1.36E-3	2.00E-4	3.29E-4
	CC16	-0.2448	-0.7991	-0.1956	-1.10E-3	2.36E-4	4.16E-4
<b>436</b>	CC1	0.7212	-1.2014	-0.2548	-1.63E-3	-9.43E-4	-6.21E-4
	CC2	0.7112	-1.1407	-0.2465	-1.54E-3	-9.31E-4	-5.95E-4
	CC3	0.7197	-1.9466	-0.3594	-2.75E-3	-9.68E-4	-5.22E-4
	CC4	0.7097	-1.8859	-0.3511	-2.67E-3	-9.55E-4	-4.96E-4
	CC5	-0.7009	1.8646	0.1620	2.64E-3	9.26E-4	5.00E-4
	CC6	-0.7109	1.9253	0.1703	2.72E-3	9.39E-4	5.26E-4
	CC7	-0.7024	1.1194	0.0574	1.51E-3	9.01E-4	5.98E-4
	CC8	-0.7124	1.1801	0.0657	1.60E-3	9.14E-4	6.24E-4
	CC9	0.2355	0.6794	0.0048	1.09E-3	-2.73E-4	-3.71E-4
	CC10	0.2050	0.8636	0.0300	1.35E-3	-2.35E-4	-2.92E-4
	CC11	-0.1912	1.5992	0.1298	2.37E-3	2.87E-4	-3.43E-5
	CC12	-0.2216	1.7834	0.1550	2.63E-3	3.26E-4	4.46E-5
	CC13	0.2304	-1.8046	-0.3441	-2.65E-3	-3.56E-4	-4.14E-5
	CC14	0.2000	-1.6205	-0.3189	-2.40E-3	-3.17E-4	3.75E-5
	CC15	-0.1962	-0.8848	-0.2191	-1.38E-3	2.05E-4	2.95E-4
	CC16	-0.2267	-0.7007	-0.1939	-1.12E-3	2.44E-4	3.74E-4
<b>437</b>	CC1	0.6418	-1.0607	-0.2510	-1.58E-3	-9.25E-4	-5.59E-4
	CC2	0.6328	-1.0073	-0.2429	-1.50E-3	-9.13E-4	-5.35E-4
	CC3	0.6391	-1.7111	-0.3527	-2.66E-3	-9.36E-4	-4.74E-4
	CC4	0.6302	-1.6578	-0.3446	-2.58E-3	-9.24E-4	-4.50E-4
	CC5	-0.6241	1.6392	0.1563	2.55E-3	8.89E-4	4.53E-4
	CC6	-0.6330	1.6925	0.1644	2.63E-3	9.01E-4	4.77E-4
	CC7	-0.6267	0.9887	0.0546	1.47E-3	8.79E-4	5.39E-4
	CC8	-0.6357	1.0420	0.0627	1.55E-3	8.90E-4	5.62E-4
	CC9	0.2109	0.5890	0.0021	1.04E-3	-2.89E-4	-3.28E-4
	CC10	0.1838	0.7507	0.0266	1.29E-3	-2.54E-4	-2.57E-4
	CC11	-0.1689	1.3989	0.1243	2.28E-3	2.55E-4	-2.46E-5
	CC12	-0.1960	1.5607	0.1488	2.53E-3	2.90E-4	4.67E-5
	CC13	0.2021	-1.5794	-0.3371	-2.56E-3	-3.25E-4	-4.36E-5
	CC14	0.1750	-1.4176	-0.3126	-2.31E-3	-2.90E-4	2.77E-5
	CC15	-0.1777	-0.7694	-0.2149	-1.32E-3	2.19E-4	2.60E-4
	CC16	-0.2048	-0.6076	-0.1904	-1.07E-3	2.55E-4	3.31E-4
<b>438</b>	CC1	0.7193	-1.3352	0.1773	-1.52E-3	-8.09E-4	-6.93E-4
	CC2	0.7166	-1.2676	0.1636	-1.44E-3	-8.07E-4	-6.64E-4
	CC3	0.7512	-2.1729	0.3472	-2.58E-3	-8.38E-4	-5.87E-4
	CC4	0.7484	-2.1052	0.3335	-2.50E-3	-8.37E-4	-5.58E-4
	CC5	-0.7386	2.0805	-0.5111	2.46E-3	8.03E-4	5.56E-4
	CC6	-0.7413	2.1482	-0.5248	2.54E-3	8.05E-4	5.85E-4
	CC7	-0.7067	1.2428	-0.3412	1.40E-3	7.74E-4	6.62E-4
	CC8	-0.7094	1.3105	-0.3549	1.48E-3	7.75E-4	6.91E-4
	CC9	0.1746	0.7687	-0.2479	1.02E-3	-2.12E-4	-4.10E-4
	CC10	0.1664	0.9741	-0.2894	1.26E-3	-2.08E-4	-3.22E-4
	CC11	-0.2627	1.7935	-0.4544	2.21E-3	2.72E-4	-3.48E-5
	CC12	-0.2710	1.9988	-0.4959	2.46E-3	2.76E-4	5.32E-5
	CC13	0.2809	-2.0236	0.3183	-2.50E-3	-3.10E-4	-5.58E-5
	CC14	0.2726	-1.8182	0.2768	-2.26E-3	-3.05E-4	3.23E-5
	CC15	-0.1565	-0.9988	0.1118	-1.30E-3	1.74E-4	3.19E-4
	CC16	-0.1647	-0.7934	0.0703	-1.06E-3	1.78E-4	4.07E-4
<b>439</b>	CC1	0.6493	-1.2007	0.1757	-1.53E-3	-8.31E-4	-6.24E-4
	CC2	0.6467	-1.1400	0.1622	-1.45E-3	-8.30E-4	-5.98E-4
	CC3	0.6793	-1.9454	0.3438	-2.58E-3	-8.60E-4	-5.26E-4
	CC4	0.6767	-1.8848	0.3302	-2.50E-3	-8.59E-4	-5.00E-4
	CC5	-0.6695	1.8637	-0.5074	2.46E-3	8.32E-4	4.99E-4
	CC6	-0.6721	1.9243	-0.5209	2.54E-3	8.33E-4	5.25E-4
	CC7	-0.6395	1.1190	-0.3394	1.41E-3	8.02E-4	5.96E-4
	CC8	-0.6421	1.1796	-0.3529	1.48E-3	8.04E-4	6.23E-4
	CC9	0.1554	0.6790	-0.2456	1.01E-3	-2.17E-4	-3.71E-4
	CC10	0.1475	0.8630	-0.2867	1.25E-3	-2.13E-4	-2.92E-4
	CC11	-0.2402	1.5983	-0.4505	2.21E-3	2.82E-4	-3.44E-5
	CC12	-0.2481	1.7823	-0.4917	2.45E-3	2.86E-4	4.48E-5
	CC13	0.2554	-1.8034	0.3145	-2.49E-3	-3.14E-4	-4.61E-5
	CC14	0.2474	-1.6194	0.2734	-2.25E-3	-3.10E-4	3.32E-5
	CC15	-0.1403	-0.8841	0.1096	-1.29E-3	1.85E-4	2.91E-4
	CC16	-0.1482	-0.7001	0.0684	-1.05E-3	1.89E-4	3.70E-4
<b>440</b>	CC1	0.5785	-1.0674	0.1726	-1.53E-3	-8.40E-4	-5.55E-4
	CC2	0.5760	-1.0137	0.1592	-1.45E-3	-8.38E-4	-5.32E-4



	CC3	0.6064	-1.7226	0.3373	-2.57E-3	-8.78E-4	-4.67E-4
	CC4	0.6039	-1.6689	0.3240	-2.49E-3	-8.76E-4	-4.43E-4
	CC5	-0.5991	1.6513	-0.5007	2.45E-3	8.48E-4	4.43E-4
	CC6	-0.6016	1.7051	-0.5141	2.53E-3	8.50E-4	4.66E-4
	CC7	-0.5712	0.9961	-0.3359	1.41E-3	8.11E-4	5.31E-4
	CC8	-0.5737	1.0499	-0.3493	1.49E-3	8.13E-4	5.55E-4
	CC9	0.1363	0.5939	-0.2418	9.99E-4	-2.08E-4	-3.33E-4
	CC10	0.1288	0.7569	-0.2822	1.24E-3	-2.02E-4	-2.62E-4
	CC11	-0.2170	1.4095	-0.4438	2.19E-3	2.98E-4	-3.36E-5
	CC12	-0.2245	1.5725	-0.4842	2.43E-3	3.04E-4	3.70E-5
	CC13	0.2293	-1.5901	0.3075	-2.47E-3	-3.32E-4	-3.75E-5
	CC14	0.2218	-1.4271	0.2671	-2.23E-3	-3.26E-4	3.31E-5
	CC15	-0.1240	-0.7745	0.1055	-1.28E-3	1.74E-4	2.62E-4
	CC16	-0.1315	-0.6115	0.0651	-1.04E-3	1.80E-4	3.32E-4
441	CC1	0.8826	-1.5182	-0.2630	-1.52E-3	-2.34E-4	-7.49E-4
	CC2	0.8701	-1.4415	-0.2543	-1.44E-3	-2.22E-4	-7.17E-4
	CC3	0.8836	-2.4407	-0.3803	-2.50E-3	-3.84E-4	-6.34E-4
	CC4	0.8712	-2.3639	-0.3716	-2.42E-3	-3.72E-4	-6.03E-4
	CC5	-0.8542	2.3359	0.1843	2.36E-3	3.64E-4	6.24E-4
	CC6	-0.8666	2.4126	0.1930	2.44E-3	3.76E-4	6.56E-4
	CC7	-0.8532	1.4134	0.0670	1.38E-3	2.13E-4	7.39E-4
	CC8	-0.8656	1.4902	0.0757	1.46E-3	2.25E-4	7.71E-4
	CC9	0.2861	0.8288	0.0216	9.01E-4	1.39E-4	-4.35E-4
	CC10	0.2484	1.0618	0.0481	1.14E-3	1.76E-4	-3.38E-4
	CC11	-0.2349	1.9850	0.1558	2.06E-3	3.18E-4	-2.32E-5
	CC12	-0.2726	2.2181	0.1822	2.30E-3	3.55E-4	7.36E-5
	CC13	0.2896	-2.2462	-0.3695	-2.36E-3	-3.63E-4	-5.23E-5
	CC14	0.2518	-2.0131	-0.3431	-2.12E-3	-3.27E-4	4.46E-5
	CC15	-0.2314	-1.0899	-0.2354	-1.20E-3	-1.84E-4	3.60E-4
	CC16	-0.2692	-0.8569	-0.2089	-9.56E-4	-1.47E-4	4.57E-4
442	CC1	0.8054	-1.4242	0.2095	-1.62E-3	-9.18E-4	-6.44E-4
	CC2	0.7938	-1.3528	0.2186	-1.53E-3	-9.06E-4	-6.17E-4
	CC3	0.8038	-2.2476	0.0801	-2.65E-3	-9.35E-4	-5.05E-4
	CC4	0.7921	-2.1762	0.0892	-2.57E-3	-9.22E-4	-4.78E-4
	CC5	-0.7798	2.1523	-0.2735	2.53E-3	8.77E-4	4.78E-4
	CC6	-0.7915	2.2237	-0.2644	2.62E-3	8.89E-4	5.05E-4
	CC7	-0.7815	1.3289	-0.4029	1.49E-3	8.60E-4	6.17E-4
	CC8	-0.7931	1.4003	-0.3938	1.58E-3	8.72E-4	6.44E-4
	CC9	0.2643	0.7155	0.1821	9.64E-4	-2.83E-4	-4.40E-4
	CC10	0.2290	0.9323	0.2098	1.22E-3	-2.46E-4	-3.58E-4
	CC11	-0.2112	1.7884	0.0372	2.21E-3	2.55E-4	-1.03E-4
	CC12	-0.2466	2.0053	0.0649	2.46E-3	2.92E-4	-2.17E-5
	CC13	0.2589	-2.0292	-0.2492	-2.50E-3	-3.38E-4	2.16E-5
	CC14	0.2235	-1.8124	-0.2216	-2.25E-3	-3.01E-4	1.03E-4
	CC15	-0.2167	-0.9562	-0.3941	-1.26E-3	2.00E-4	3.58E-4
	CC16	-0.2520	-0.7394	-0.3665	-1.00E-3	2.37E-4	4.40E-4
443	CC1	0.7263	-1.2803	0.2080	-1.64E-3	-9.37E-4	-5.96E-4
	CC2	0.7157	-1.2162	0.2170	-1.56E-3	-9.24E-4	-5.71E-4
	CC3	0.7232	-2.0120	0.0798	-2.69E-3	-9.57E-4	-4.83E-4
	CC4	0.7127	-1.9479	0.0889	-2.61E-3	-9.44E-4	-4.58E-4
	CC5	-0.7041	1.9272	-0.2729	2.57E-3	9.06E-4	4.59E-4
	CC6	-0.7146	1.9912	-0.2639	2.66E-3	9.18E-4	4.84E-4
	CC7	-0.7072	1.1955	-0.4011	1.53E-3	8.86E-4	5.72E-4
	CC8	-0.7177	1.2596	-0.3921	1.61E-3	8.99E-4	5.97E-4
	CC9	0.2399	0.6308	0.1800	9.69E-4	-2.82E-4	-3.84E-4
	CC10	0.2080	0.8251	0.2074	1.23E-3	-2.43E-4	-3.07E-4
	CC11	-0.1892	1.5931	0.0358	2.23E-3	2.70E-4	-6.74E-5
	CC12	-0.2211	1.7874	0.0632	2.49E-3	3.10E-4	9.17E-6
	CC13	0.2297	-1.8081	-0.2472	-2.53E-3	-3.48E-4	-8.15E-6
	CC14	0.1978	-1.6138	-0.2198	-2.27E-3	-3.09E-4	6.84E-5
	CC15	-0.1994	-0.8459	-0.3915	-1.26E-3	2.05E-4	3.08E-4
	CC16	-0.2313	-0.6516	-0.3641	-1.00E-3	2.44E-4	3.85E-4
444	CC1	0.6483	-1.1383	0.2052	-1.60E-3	-9.08E-4	-5.51E-4
	CC2	0.6389	-1.0816	0.2141	-1.52E-3	-8.98E-4	-5.27E-4
	CC3	0.6445	-1.7814	0.0792	-2.61E-3	-8.87E-4	-4.64E-4
	CC4	0.6351	-1.7247	0.0881	-2.53E-3	-8.77E-4	-4.40E-4
	CC5	-0.6300	1.7071	-0.2715	2.50E-3	8.36E-4	4.43E-4
	CC6	-0.6394	1.7638	-0.2626	2.58E-3	8.46E-4	4.66E-4
	CC7	-0.6337	1.0640	-0.3975	1.48E-3	8.57E-4	5.30E-4
	CC8	-0.6432	1.1207	-0.3886	1.56E-3	8.67E-4	5.53E-4
	CC9	0.2150	0.5502	0.1764	9.38E-4	-3.33E-4	-3.28E-4
	CC10	0.1863	0.7223	0.2034	1.19E-3	-3.01E-4	-2.57E-4

	CC11	-0.1685	1.4038	0.0334	2.17E-3	1.91E-4	-3.01E-5
	CC12	-0.1972	1.5759	0.0604	2.41E-3	2.22E-4	4.12E-5
	CC13	0.2023	-1.5935	-0.2438	-2.45E-3	-2.63E-4	-3.86E-5
	CC14	0.1737	-1.4214	-0.2168	-2.20E-3	-2.32E-4	3.26E-5
	CC15	-0.1811	-0.7399	-0.3868	-1.22E-3	2.61E-4	2.59E-4
	CC16	-0.2098	-0.5678	-0.3598	-9.73E-4	2.92E-4	3.31E-4
445	CC1	0.7905	-1.5182	0.1729	-1.54E-3	-2.36E-4	-7.51E-4
	CC2	0.7873	-1.4414	0.1595	-1.46E-3	-2.24E-4	-7.19E-4
	CC3	0.8243	-2.4407	0.3353	-2.56E-3	-3.93E-4	-6.36E-4
	CC4	0.8211	-2.3639	0.3220	-2.48E-3	-3.80E-4	-6.05E-4
	CC5	-0.8079	2.3359	-0.4979	2.43E-3	3.73E-4	6.22E-4
	CC6	-0.8111	2.4127	-0.5113	2.51E-3	3.86E-4	6.54E-4
	CC7	-0.7740	1.4134	-0.3354	1.41E-3	2.17E-4	7.37E-4
	CC8	-0.7773	1.4902	-0.3488	1.49E-3	2.29E-4	7.69E-4
	CC9	0.1949	0.8289	-0.2379	9.62E-4	1.48E-4	-4.37E-4
	CC10	0.1851	1.0619	-0.2784	1.21E-3	1.85E-4	-3.40E-4
	CC11	-0.2846	1.9851	-0.4391	2.15E-3	3.31E-4	-2.52E-5
	CC12	-0.2945	2.2181	-0.4796	2.40E-3	3.68E-4	7.16E-5
	CC13	0.3077	-2.2461	0.3037	-2.44E-3	-3.75E-4	-5.43E-5
	CC14	0.2978	-2.0131	0.2632	-2.20E-3	-3.38E-4	4.26E-5
	CC15	-0.1718	-1.0899	0.1025	-1.25E-3	-1.92E-4	3.58E-4
	CC16	-0.1817	-0.8568	0.0620	-1.01E-3	-1.55E-4	4.55E-4
446	CC1	0.7238	-1.4239	0.1711	-1.61E-3	-8.07E-4	-6.77E-4
	CC2	0.7205	-1.3524	0.1581	-1.53E-3	-8.05E-4	-6.48E-4
	CC3	0.7541	-2.2471	0.3262	-2.65E-3	-8.38E-4	-5.65E-4
	CC4	0.7508	-2.1756	0.3132	-2.57E-3	-8.35E-4	-5.36E-4
	CC5	-0.7408	2.1518	-0.4871	2.53E-3	8.01E-4	5.39E-4
	CC6	-0.7442	2.2232	-0.5001	2.61E-3	8.04E-4	5.68E-4
	CC7	-0.7105	1.3286	-0.3320	1.49E-3	7.71E-4	6.51E-4
	CC8	-0.7139	1.4000	-0.3451	1.58E-3	7.73E-4	6.80E-4
	CC9	0.1793	0.7153	-0.2270	9.65E-4	-2.11E-4	-4.11E-4
	CC10	0.1691	0.9321	-0.2665	1.22E-3	-2.03E-4	-3.23E-4
	CC11	-0.2601	1.7880	-0.4245	2.21E-3	2.71E-4	-4.62E-5
	CC12	-0.2703	2.0048	-0.4639	2.46E-3	2.79E-4	4.15E-5
	CC13	0.2803	-2.0286	0.2900	-2.50E-3	-3.13E-4	-3.81E-5
	CC14	0.2701	-1.8119	0.2505	-2.25E-3	-3.05E-4	4.97E-5
	CC15	-0.1591	-0.9559	0.0925	-1.26E-3	1.69E-4	3.27E-4
	CC16	-0.1693	-0.7392	0.0530	-1.00E-3	1.77E-4	4.15E-4
447	CC1	0.6539	-1.2801	0.1700	-1.63E-3	-8.32E-4	-6.04E-4
	CC2	0.6507	-1.2161	0.1571	-1.55E-3	-8.30E-4	-5.79E-4
	CC3	0.6825	-2.0117	0.3239	-2.67E-3	-8.55E-4	-4.99E-4
	CC4	0.6793	-1.9476	0.3110	-2.59E-3	-8.53E-4	-4.73E-4
	CC5	-0.6722	1.9270	-0.4848	2.55E-3	8.22E-4	4.75E-4
	CC6	-0.6753	1.9911	-0.4977	2.63E-3	8.24E-4	5.01E-4
	CC7	-0.6436	1.1955	-0.3309	1.51E-3	7.99E-4	5.81E-4
	CC8	-0.6468	1.2595	-0.3438	1.59E-3	8.01E-4	6.07E-4
	CC9	0.1597	0.6307	-0.2255	9.61E-4	-2.28E-4	-3.77E-4
	CC10	0.1501	0.8250	-0.2647	1.21E-3	-2.22E-4	-2.98E-4
	CC11	-0.2381	1.5929	-0.4219	2.21E-3	2.69E-4	-5.28E-5
	CC12	-0.2478	1.7872	-0.4611	2.47E-3	2.74E-4	2.59E-5
	CC13	0.2549	-1.8078	0.2873	-2.50E-3	-3.05E-4	-2.39E-5
	CC14	0.2453	-1.6135	0.2481	-2.25E-3	-2.99E-4	5.48E-5
	CC15	-0.1429	-0.8456	0.0909	-1.25E-3	1.91E-4	3.00E-4
	CC16	-0.1525	-0.6513	0.0517	-9.98E-4	1.97E-4	3.79E-4
448	CC1	0.5831	-1.1382	0.1684	-1.59E-3	-8.48E-4	-5.28E-4
	CC2	0.5801	-1.0815	0.1556	-1.51E-3	-8.44E-4	-5.06E-4
	CC3	0.6096	-1.7814	0.3203	-2.61E-3	-8.93E-4	-4.26E-4
	CC4	0.6067	-1.7247	0.3075	-2.53E-3	-8.89E-4	-4.04E-4
	CC5	-0.6022	1.7073	-0.4811	2.49E-3	8.59E-4	4.05E-4
	CC6	-0.6051	1.7640	-0.4939	2.57E-3	8.63E-4	4.28E-4
	CC7	-0.5756	1.0641	-0.3291	1.48E-3	8.14E-4	5.08E-4
	CC8	-0.5786	1.1208	-0.3419	1.56E-3	8.18E-4	5.30E-4
	CC9	0.1403	0.5503	-0.2231	9.35E-4	-2.02E-4	-3.44E-4
	CC10	0.1313	0.7224	-0.2620	1.18E-3	-1.91E-4	-2.76E-4
	CC11	-0.2153	1.4040	-0.4180	2.16E-3	3.10E-4	-6.40E-5
	CC12	-0.2243	1.5761	-0.4568	2.41E-3	3.21E-4	4.06E-6
	CC13	0.2288	-1.5935	0.2833	-2.44E-3	-3.51E-4	-2.46E-6
	CC14	0.2198	-1.4214	0.2445	-2.20E-3	-3.40E-4	6.56E-5
	CC15	-0.1268	-0.7398	0.0884	-1.22E-3	1.61E-4	2.78E-4
	CC16	-0.1358	-0.5677	0.0496	-9.71E-4	1.72E-4	3.46E-4
449	CC1	0.8717	0.0510	0.0866	-6.55E-6	2.22E-4	-7.54E-4
	CC2	0.8596	0.0617	0.0849	5.27E-8	2.19E-4	-7.22E-4

	CC3	0.8737	-1.1093	0.0649	-5.73E-4	2.33E-4	-6.39E-4
	CC4	0.8616	-1.0986	0.0631	-5.66E-4	2.30E-4	-6.07E-4
	CC5	-0.8598	1.0614	-0.2824	4.59E-4	-1.87E-4	6.19E-4
	CC6	-0.8719	1.0722	-0.2841	4.65E-4	-1.90E-4	6.51E-4
	CC7	-0.8578	-0.0989	-0.3042	-1.08E-4	-1.76E-4	7.34E-4
	CC8	-0.8699	-0.0882	-0.3059	-1.01E-4	-1.79E-4	7.66E-4
	CC9	0.2756	1.7475	-0.0154	8.10E-4	6.82E-5	-4.40E-4
	CC10	0.2389	1.7800	-0.0206	8.30E-4	6.01E-5	-3.43E-4
	CC11	-0.2438	2.0506	-0.1261	9.49E-4	-5.46E-5	-2.77E-5
	CC12	-0.2806	2.0831	-0.1313	9.70E-4	-6.27E-5	6.91E-5
	CC13	0.2824	-2.1203	-0.0879	-1.08E-3	1.06E-4	-5.68E-5
	CC14	0.2456	-2.0878	-0.0931	-1.06E-3	9.76E-5	4.01E-5
	CC15	-0.2370	-1.8172	-0.1986	-9.37E-4	-1.70E-5	3.55E-4
	CC16	-0.2738	-1.7847	-0.2038	-9.17E-4	-2.51E-5	4.52E-4
450	CC1	0.8718	0.1473	0.0761	3.36E-5	-4.63E-4	-7.55E-4
	CC2	0.8597	0.1540	0.0745	3.82E-5	-4.56E-4	-7.23E-4
	CC3	0.8738	-1.0277	0.0531	-5.10E-4	-4.76E-4	-6.40E-4
	CC4	0.8617	-1.0210	0.0515	-5.05E-4	-4.70E-4	-6.08E-4
	CC5	-0.8597	0.9824	-0.2670	4.01E-4	4.83E-4	6.18E-4
	CC6	-0.8718	0.9891	-0.2685	4.05E-4	4.89E-4	6.50E-4
	CC7	-0.8576	-0.1926	-0.2900	-1.43E-4	4.69E-4	7.33E-4
	CC8	-0.8697	-0.1859	-0.2915	-1.38E-4	4.75E-4	7.65E-4
	CC9	0.2758	1.8037	-0.0156	7.92E-4	-1.22E-4	-4.41E-4
	CC10	0.2390	1.8238	-0.0203	8.06E-4	-1.03E-4	-3.44E-4
	CC11	-0.2437	2.0542	-0.1185	9.02E-4	1.62E-4	-2.89E-5
	CC12	-0.2805	2.0744	-0.1232	9.16E-4	1.81E-4	6.79E-5
	CC13	0.2825	-2.1130	-0.0922	-1.02E-3	-1.68E-4	-5.80E-5
	CC14	0.2457	-2.0928	-0.0970	-1.01E-3	-1.49E-4	3.89E-5
	CC15	-0.2369	-1.8624	-0.1951	-9.10E-4	1.16E-4	3.54E-4
	CC16	-0.2737	-1.8423	-0.1999	-8.96E-4	1.34E-4	4.51E-4
451	CC1	0.8719	0.1985	0.0368	4.37E-5	-6.92E-4	-7.56E-4
	CC2	0.8598	0.2029	0.0357	4.66E-5	-6.83E-4	-7.24E-4
	CC3	0.8740	-0.9843	0.0128	-4.48E-4	-7.12E-4	-6.41E-4
	CC4	0.8619	-0.9798	0.0118	-4.45E-4	-7.02E-4	-6.09E-4
	CC5	-0.8595	0.9406	-0.2269	3.38E-4	7.02E-4	6.18E-4
	CC6	-0.8717	0.9451	-0.2279	3.41E-4	7.12E-4	6.50E-4
	CC7	-0.8575	-0.2422	-0.2508	-1.54E-4	6.83E-4	7.33E-4
	CC8	-0.8696	-0.2377	-0.2518	-1.51E-4	6.92E-4	7.64E-4
	CC9	0.2759	1.8336	-0.0266	7.17E-4	-1.91E-4	-4.41E-4
	CC10	0.2391	1.8471	-0.0297	7.26E-4	-1.63E-4	-3.45E-4
	CC11	-0.2436	2.0562	-0.1057	8.06E-4	2.28E-4	-2.94E-5
	CC12	-0.2803	2.0698	-0.1088	8.14E-4	2.56E-4	6.74E-5
	CC13	0.2826	-2.1090	-0.1063	-9.21E-4	-2.56E-4	-5.85E-5
	CC14	0.2459	-2.0954	-0.1094	-9.13E-4	-2.28E-4	3.83E-5
	CC15	-0.2368	-1.8864	-0.1854	-8.33E-4	1.63E-4	3.53E-4
	CC16	-0.2736	-1.8728	-0.1885	-8.24E-4	1.91E-4	4.50E-4
452	CC1	0.8179	-0.0272	0.0819	-5.86E-5	-9.12E-4	-6.85E-4
	CC2	0.8065	-0.0140	0.0802	-4.27E-5	-9.01E-4	-6.56E-4
	CC3	0.8193	-1.1033	0.0619	-1.10E-3	-9.26E-4	-5.79E-4
	CC4	0.8079	-1.0901	0.0602	-1.08E-3	-9.14E-4	-5.50E-4
	CC5	-0.8041	1.0622	-0.2830	1.01E-3	9.11E-4	5.62E-4
	CC6	-0.8155	1.0754	-0.2847	1.03E-3	9.23E-4	5.91E-4
	CC7	-0.8027	-0.0139	-0.3030	-2.58E-5	8.98E-4	6.68E-4
	CC8	-0.8141	-0.0007	-0.3047	-9.88E-6	9.10E-4	6.97E-4
	CC9	0.2601	1.5962	-0.0208	1.51E-3	-2.71E-4	-4.02E-4
	CC10	0.2255	1.6361	-0.0259	1.56E-3	-2.35E-4	-3.13E-4
	CC11	-0.2265	1.9230	-0.1303	1.83E-3	2.76E-4	-2.75E-5
	CC12	-0.2611	1.9629	-0.1354	1.88E-3	3.12E-4	6.07E-5
	CC13	0.2649	-1.9908	-0.0874	-1.95E-3	-3.15E-4	-4.88E-5
	CC14	0.2303	-1.9509	-0.0925	-1.90E-3	-2.79E-4	3.94E-5
	CC15	-0.2217	-1.6640	-0.1969	-1.63E-3	2.32E-4	3.25E-4
	CC16	-0.2563	-1.6241	-0.2020	-1.58E-3	2.68E-4	4.14E-4
453	CC1	0.7246	-0.0219	0.0805	-5.52E-5	-1.18E-3	-6.17E-4
	CC2	0.7144	-0.0103	0.0789	-3.54E-5	-1.17E-3	-5.91E-4
	CC3	0.7260	-0.9911	0.0610	-1.42E-3	-1.20E-3	-5.19E-4
	CC4	0.7158	-0.9795	0.0594	-1.40E-3	-1.18E-3	-4.92E-4
	CC5	-0.7135	0.9564	-0.2805	1.36E-3	1.15E-3	5.02E-4
	CC6	-0.7237	0.9680	-0.2821	1.38E-3	1.17E-3	5.28E-4
	CC7	-0.7121	-0.0128	-0.3000	-7.50E-6	1.14E-3	6.01E-4
	CC8	-0.7223	-0.0013	-0.3017	1.24E-5	1.15E-3	6.27E-4
	CC9	0.2300	1.4396	-0.0213	2.01E-3	-3.62E-4	-3.67E-4
	CC10	0.1990	1.4746	-0.0264	2.07E-3	-3.17E-4	-2.87E-4

	CC11	-0.2015	1.7331	-0.1297	2.43E-3	3.39E-4	-3.09E-5
	CC12	-0.2324	1.7680	-0.1347	2.49E-3	3.84E-4	4.85E-5
	CC13	0.2346	-1.7912	-0.0864	-2.54E-3	-4.10E-4	-3.87E-5
	CC14	0.2037	-1.7562	-0.0915	-2.48E-3	-3.65E-4	4.07E-5
	CC15	-0.1968	-1.4977	-0.1947	-2.11E-3	2.90E-4	2.97E-4
	CC16	-0.2277	-1.4627	-0.1998	-2.05E-3	3.36E-4	3.76E-4
454	CC1	0.6307	-0.0155	0.0772	-2.61E-5	-1.01E-3	-5.50E-4
	CC2	0.6217	-0.0058	0.0756	-6.37E-6	-9.95E-4	-5.27E-4
	CC3	0.6281	-0.8625	0.0582	-1.54E-3	-1.02E-3	-4.60E-4
	CC4	0.6192	-0.8527	0.0566	-1.52E-3	-1.01E-3	-4.37E-4
	CC5	-0.6191	0.8329	-0.2760	1.48E-3	9.90E-4	4.44E-4
	CC6	-0.6280	0.8427	-0.2777	1.50E-3	1.00E-3	4.68E-4
	CC7	-0.6216	-0.0140	-0.2950	-2.88E-5	9.78E-4	5.34E-4
	CC8	-0.6305	-0.0043	-0.2967	-9.12E-6	9.91E-4	5.57E-4
	CC9	0.2053	1.2596	-0.0226	2.25E-3	-3.09E-4	-3.30E-4
	CC10	0.1782	1.2892	-0.0275	2.31E-3	-2.70E-4	-2.60E-4
	CC11	-0.1696	1.5142	-0.1286	2.70E-3	2.90E-4	-3.22E-5
	CC12	-0.1967	1.5438	-0.1335	2.76E-3	3.29E-4	3.84E-5
	CC13	0.1969	-1.5636	-0.0860	-2.79E-3	-3.46E-4	-3.08E-5
	CC14	0.1698	-1.5340	-0.0909	-2.73E-3	-3.07E-4	3.98E-5
	CC15	-0.1781	-1.3090	-0.1919	-2.34E-3	2.53E-4	2.67E-4
	CC16	-0.2052	-1.2794	-0.1969	-2.28E-3	2.92E-4	3.38E-4
455	CC1	0.7958	0.2380	-0.0130	1.77E-4	-9.10E-4	-6.95E-4
	CC2	0.7846	0.2400	-0.0134	1.83E-4	-8.98E-4	-6.66E-4
	CC3	0.7974	-0.8884	-0.0365	-8.48E-4	-9.22E-4	-5.88E-4
	CC4	0.7862	-0.8863	-0.0368	-8.43E-4	-9.11E-4	-5.59E-4
	CC5	-0.7843	0.8545	-0.1778	7.70E-4	9.02E-4	5.66E-4
	CC6	-0.7954	0.8566	-0.1781	7.76E-4	9.14E-4	5.96E-4
	CC7	-0.7827	-0.2718	-0.2012	-2.55E-4	8.90E-4	6.74E-4
	CC8	-0.7938	-0.2698	-0.2016	-2.50E-4	9.02E-4	7.03E-4
	CC9	0.2522	1.7658	-0.0430	1.58E-3	-2.73E-4	-4.08E-4
	CC10	0.2184	1.7720	-0.0441	1.59E-3	-2.37E-4	-3.19E-4
	CC11	-0.2218	1.9507	-0.0924	1.75E-3	2.71E-4	-2.98E-5
	CC12	-0.2556	1.9569	-0.0935	1.77E-3	3.06E-4	5.91E-5
	CC13	0.2575	-1.9887	-0.1211	-1.84E-3	-3.14E-4	-5.13E-5
	CC14	0.2237	-1.9825	-0.1222	-1.83E-3	-2.79E-4	3.77E-5
	CC15	-0.2165	-1.8037	-0.1705	-1.66E-3	2.29E-4	3.27E-4
	CC16	-0.2503	-1.7976	-0.1716	-1.65E-3	2.64E-4	4.16E-4
456	CC1	0.7170	0.2180	-0.0140	2.66E-4	-9.24E-4	-6.29E-4
	CC2	0.7069	0.2195	-0.0143	2.73E-4	-9.12E-4	-6.02E-4
	CC3	0.7190	-0.7984	-0.0364	-1.17E-3	-9.37E-4	-5.29E-4
	CC4	0.7089	-0.7969	-0.0368	-1.17E-3	-9.25E-4	-5.03E-4
	CC5	-0.7077	0.7704	-0.1769	1.12E-3	9.17E-4	5.10E-4
	CC6	-0.7178	0.7719	-0.1773	1.12E-3	9.29E-4	5.36E-4
	CC7	-0.7057	-0.2460	-0.1994	-3.22E-4	9.04E-4	6.09E-4
	CC8	-0.7158	-0.2445	-0.1997	-3.16E-4	9.16E-4	6.35E-4
	CC9	0.2264	1.5957	-0.0444	2.23E-3	-2.76E-4	-3.73E-4
	CC10	0.1957	1.6002	-0.0455	2.25E-3	-2.40E-4	-2.92E-4
	CC11	-0.2010	1.7614	-0.0933	2.49E-3	2.76E-4	-3.13E-5
	CC12	-0.2317	1.7659	-0.0944	2.51E-3	3.12E-4	4.91E-5
	CC13	0.2329	-1.7924	-0.1193	-2.56E-3	-3.20E-4	-4.24E-5
	CC14	0.2022	-1.7879	-0.1204	-2.54E-3	-2.84E-4	3.80E-5
	CC15	-0.1945	-1.6267	-0.1682	-2.30E-3	2.32E-4	2.99E-4
	CC16	-0.2252	-1.6222	-0.1693	-2.28E-3	2.68E-4	3.79E-4
457	CC1	0.6415	0.1945	-0.0144	3.31E-4	-9.09E-4	-5.57E-4
	CC2	0.6325	0.1954	-0.0148	3.36E-4	-8.98E-4	-5.34E-4
	CC3	0.6390	-0.6917	-0.0361	-1.30E-3	-9.22E-4	-4.67E-4
	CC4	0.6299	-0.6908	-0.0364	-1.29E-3	-9.10E-4	-4.44E-4
	CC5	-0.6293	0.6682	-0.1762	1.25E-3	9.03E-4	4.49E-4
	CC6	-0.6384	0.6691	-0.1765	1.25E-3	9.15E-4	4.72E-4
	CC7	-0.6319	-0.2180	-0.1978	-3.78E-4	8.91E-4	5.39E-4
	CC8	-0.6410	-0.2171	-0.1981	-3.72E-4	9.03E-4	5.62E-4
	CC9	0.2090	1.3932	-0.0455	2.54E-3	-2.72E-4	-3.34E-4
	CC10	0.1814	1.3961	-0.0465	2.56E-3	-2.37E-4	-2.63E-4
	CC11	-0.1723	1.5353	-0.0940	2.82E-3	2.72E-4	-3.24E-5
	CC12	-0.1998	1.5382	-0.0951	2.84E-3	3.07E-4	3.88E-5
	CC13	0.2004	-1.5608	-0.1175	-2.88E-3	-3.14E-4	-3.36E-5
	CC14	0.1728	-1.5579	-0.1186	-2.86E-3	-2.78E-4	3.76E-5
	CC15	-0.1809	-1.4187	-0.1660	-2.60E-3	2.30E-4	2.68E-4
	CC16	-0.2084	-1.4158	-0.1671	-2.58E-3	2.65E-4	3.39E-4
458	CC1	0.8721	0.3183	-0.0698	7.30E-5	-7.29E-4	-7.58E-4
	CC2	0.8600	0.3177	-0.0693	7.36E-5	-7.20E-4	-7.26E-4

	CC3	0.8742	-0.8827	-0.0927	-4.54E-4	-7.09E-4	-6.43E-4
	CC4	0.8621	-0.8833	-0.0922	-4.53E-4	-6.99E-4	-6.11E-4
	CC5	-0.8591	0.8429	-0.1238	3.52E-4	6.91E-4	6.15E-4
	CC6	-0.8712	0.8423	-0.1233	3.53E-4	7.00E-4	6.47E-4
	CC7	-0.8570	-0.3580	-0.1467	-1.75E-4	7.11E-4	7.30E-4
	CC8	-0.8691	-0.3586	-0.1462	-1.74E-4	7.21E-4	7.62E-4
	CC9	0.2761	1.9036	-0.0624	7.85E-4	-2.66E-4	-4.44E-4
	CC10	0.2393	1.9019	-0.0609	7.87E-4	-2.37E-4	-3.47E-4
	CC11	-0.2433	2.0610	-0.0787	8.68E-4	1.60E-4	-3.20E-5
	CC12	-0.2800	2.0593	-0.0771	8.70E-4	1.89E-4	6.48E-5
	CC13	0.2830	-2.0996	-0.1389	-9.72E-4	-1.97E-4	-6.11E-5
	CC14	0.2463	-2.1014	-0.1373	-9.70E-4	-1.69E-4	3.58E-5
	CC15	-0.2363	-1.9422	-0.1551	-8.88E-4	2.29E-4	3.51E-4
	CC16	-0.2730	-1.9440	-0.1536	-8.86E-4	2.57E-4	4.48E-4
459	CC1	0.8721	0.3871	-0.1538	1.04E-4	-7.27E-4	-7.60E-4
	CC2	0.8600	0.3836	-0.1524	1.04E-4	-7.17E-4	-7.28E-4
	CC3	0.8743	-0.8243	-0.1751	-4.93E-4	-7.16E-4	-6.45E-4
	CC4	0.8622	-0.8278	-0.1737	-4.93E-4	-7.06E-4	-6.13E-4
	CC5	-0.8588	0.7872	-0.0432	3.99E-4	6.94E-4	6.14E-4
	CC6	-0.8708	0.7838	-0.0418	4.00E-4	7.03E-4	6.46E-4
	CC7	-0.8566	-0.4242	-0.0645	-1.98E-4	7.05E-4	7.28E-4
	CC8	-0.8687	-0.4276	-0.0631	-1.97E-4	7.14E-4	7.60E-4
	CC9	0.2761	1.9440	-0.0916	9.03E-4	-2.53E-4	-4.45E-4
	CC10	0.2394	1.9334	-0.0874	9.04E-4	-2.24E-4	-3.49E-4
	CC11	-0.2432	2.0640	-0.0584	9.92E-4	1.74E-4	-3.35E-5
	CC12	-0.2798	2.0535	-0.0543	9.93E-4	2.02E-4	6.33E-5
	CC13	0.2833	-2.0940	-0.1626	-1.09E-3	-2.15E-4	-6.26E-5
	CC14	0.2466	-2.1046	-0.1584	-1.09E-3	-1.86E-4	3.43E-5
	CC15	-0.2360	-1.9740	-0.1294	-9.98E-4	2.11E-4	3.49E-4
	CC16	-0.2727	-1.9845	-0.1253	-9.97E-4	2.40E-4	4.46E-4
460	CC1	0.8721	0.4560	-0.2181	1.10E-4	-6.98E-4	-7.60E-4
	CC2	0.8600	0.4496	-0.2158	1.10E-4	-6.89E-4	-7.28E-4
	CC3	0.8743	-0.7658	-0.2386	-5.06E-4	-7.03E-4	-6.45E-4
	CC4	0.8623	-0.7722	-0.2364	-5.06E-4	-6.94E-4	-6.13E-4
	CC5	-0.8584	0.7316	0.0178	4.18E-4	6.64E-4	6.13E-4
	CC6	-0.8705	0.7253	0.0200	4.18E-4	6.73E-4	6.45E-4
	CC7	-0.8562	-0.4902	-0.0027	-1.98E-4	6.59E-4	7.28E-4
	CC8	-0.8683	-0.4965	-0.0005	-1.98E-4	6.68E-4	7.60E-4
	CC9	0.2761	1.9844	-0.1138	9.36E-4	-2.25E-4	-4.46E-4
	CC10	0.2395	1.9651	-0.1070	9.36E-4	-1.98E-4	-3.49E-4
	CC11	-0.2431	2.0671	-0.0430	1.03E-3	1.83E-4	-3.39E-5
	CC12	-0.2797	2.0478	-0.0363	1.03E-3	2.11E-4	6.29E-5
	CC13	0.2835	-2.0883	-0.1823	-1.12E-3	-2.42E-4	-6.30E-5
	CC14	0.2469	-2.1076	-0.1756	-1.12E-3	-2.14E-4	3.38E-5
	CC15	-0.2357	-2.0056	-0.1116	-1.03E-3	1.67E-4	3.49E-4
	CC16	-0.2723	-2.0250	-0.1048	-1.03E-3	1.95E-4	4.46E-4
461	CC1	0.8029	0.4982	-0.2785	3.90E-4	-9.26E-4	-6.99E-4
	CC2	0.7918	0.4891	-0.2755	3.86E-4	-9.14E-4	-6.70E-4
	CC3	0.8050	-0.6593	-0.2982	-7.01E-4	-9.38E-4	-5.90E-4
	CC4	0.7938	-0.6684	-0.2952	-7.05E-4	-9.26E-4	-5.60E-4
	CC5	-0.7931	0.6345	0.0739	6.37E-4	9.18E-4	5.61E-4
	CC6	-0.8042	0.6255	0.0769	6.33E-4	9.30E-4	5.90E-4
	CC7	-0.7910	-0.5230	0.0542	-4.54E-4	9.06E-4	6.71E-4
	CC8	-0.8022	-0.5321	0.0572	-4.59E-4	9.18E-4	7.00E-4
	CC9	0.2533	1.9056	-0.1353	1.75E-3	-2.79E-4	-4.15E-4
	CC10	0.2194	1.8781	-0.1262	1.74E-3	-2.43E-4	-3.26E-4
	CC11	-0.2255	1.9465	-0.0296	1.83E-3	2.74E-4	-3.73E-5
	CC12	-0.2594	1.9190	-0.0205	1.82E-3	3.10E-4	5.18E-5
	CC13	0.2602	-1.9529	-0.2009	-1.88E-3	-3.18E-4	-5.08E-5
	CC14	0.2263	-1.9803	-0.1918	-1.90E-3	-2.82E-4	3.83E-5
	CC15	-0.2186	-1.9120	-0.0951	-1.81E-3	2.35E-4	3.27E-4
	CC16	-0.2525	-1.9394	-0.0860	-1.82E-3	2.71E-4	4.16E-4
462	CC1	0.7195	0.4537	-0.2780	5.82E-4	-9.92E-4	-6.31E-4
	CC2	0.7094	0.4451	-0.2750	5.75E-4	-9.79E-4	-6.05E-4
	CC3	0.7218	-0.5920	-0.2972	-8.63E-4	-1.01E-3	-5.32E-4
	CC4	0.7117	-0.6006	-0.2942	-8.70E-4	-9.94E-4	-5.06E-4
	CC5	-0.7107	0.5722	0.0747	8.13E-4	1.00E-3	5.05E-4
	CC6	-0.7208	0.5637	0.0778	8.05E-4	1.02E-3	5.32E-4
	CC7	-0.7084	-0.4735	0.0556	-6.33E-4	9.88E-4	6.04E-4
	CC8	-0.7185	-0.4820	0.0586	-6.40E-4	1.00E-3	6.31E-4
	CC9	0.2265	1.7238	-0.1353	2.36E-3	-2.90E-4	-3.76E-4
	CC10	0.1959	1.6979	-0.1261	2.33E-3	-2.51E-4	-2.95E-4

	CC11	-0.2026	1.7594	-0.0294	2.43E-3	3.08E-4	-3.47E-5
	CC12	-0.2332	1.7335	-0.0203	2.40E-3	3.47E-4	4.58E-5
	CC13	0.2342	-1.7618	-0.1991	-2.46E-3	-3.38E-4	-4.62E-5
	CC14	0.2036	-1.7878	-0.1900	-2.48E-3	-3.00E-4	3.43E-5
	CC15	-0.1949	-1.7263	-0.0933	-2.39E-3	2.60E-4	2.95E-4
	CC16	-0.2254	-1.7522	-0.0841	-2.41E-3	2.99E-4	3.75E-4
<b>463</b>	CC1	0.6396	0.4000	-0.2743	6.81E-4	-9.46E-4	-5.60E-4
	CC2	0.6306	0.3922	-0.2713	6.71E-4	-9.34E-4	-5.36E-4
	CC3	0.6367	-0.5159	-0.2930	-9.38E-4	-9.60E-4	-4.71E-4
	CC4	0.6278	-0.5236	-0.2900	-9.48E-4	-9.48E-4	-4.47E-4
	CC5	-0.6262	0.5002	0.0723	8.92E-4	9.50E-4	4.45E-4
	CC6	-0.6351	0.4924	0.0753	8.83E-4	9.62E-4	4.69E-4
	CC7	-0.6290	-0.4156	0.0536	-7.27E-4	9.35E-4	5.34E-4
	CC8	-0.6379	-0.4234	0.0566	-7.37E-4	9.47E-4	5.57E-4
	CC9	0.2090	1.5114	-0.1343	2.65E-3	-2.78E-4	-3.36E-4
	CC10	0.1817	1.4878	-0.1252	2.62E-3	-2.41E-4	-2.64E-4
	CC11	-0.1707	1.5415	-0.0303	2.72E-3	2.91E-4	-3.41E-5
	CC12	-0.1980	1.5179	-0.0212	2.69E-3	3.28E-4	3.72E-5
	CC13	0.1996	-1.5414	-0.1965	-2.74E-3	-3.26E-4	-3.94E-5
	CC14	0.1724	-1.5650	-0.1874	-2.77E-3	-2.89E-4	3.19E-5
	CC15	-0.1801	-1.5113	-0.0925	-2.68E-3	2.43E-4	2.62E-4
	CC16	-0.2074	-1.5349	-0.0834	-2.71E-3	2.79E-4	3.33E-4
<b>464</b>	CC1	0.7621	0.2439	0.0633	6.39E-5	-6.87E-4	-7.51E-4
	CC2	0.7617	0.2465	0.0652	6.41E-5	-6.89E-4	-7.19E-4
	CC3	0.8063	-0.9458	-0.0098	5.43E-5	-5.84E-4	-6.36E-4
	CC4	0.8060	-0.9432	-0.0079	5.45E-5	-5.86E-4	-6.04E-4
	CC5	-0.7991	0.9035	-0.1856	-5.27E-5	5.67E-4	6.22E-4
	CC6	-0.7994	0.9060	-0.1837	-5.26E-5	5.65E-4	6.54E-4
	CC7	-0.7548	-0.2862	-0.2587	-6.23E-5	6.70E-4	7.37E-4
	CC8	-0.7552	-0.2837	-0.2568	-6.22E-5	6.68E-4	7.69E-4
	CC9	0.1644	1.8601	0.0595	3.41E-5	-3.67E-4	-4.37E-4
	CC10	0.1634	1.8679	0.0654	3.46E-5	-3.72E-4	-3.40E-4
	CC11	-0.3039	2.0580	-0.0151	-8.73E-7	9.39E-6	-2.52E-5
	CC12	-0.3050	2.0658	-0.0093	-3.94E-7	4.23E-6	7.17E-5
	CC13	0.3119	-2.1055	-0.1842	2.15E-6	-2.31E-5	-5.42E-5
	CC14	0.3108	-2.0977	-0.1784	2.63E-6	-2.83E-5	4.26E-5
	CC15	-0.1565	-1.9076	-0.2589	-3.29E-5	3.53E-4	3.58E-4
	CC16	-0.1575	-1.8999	-0.2531	-3.24E-5	3.48E-4	4.55E-4
<b>465</b>	CC1	0.7419	0.2385	0.0384	6.97E-5	-7.49E-4	-7.48E-4
	CC2	0.7441	0.2413	0.0402	7.02E-5	-7.54E-4	-7.16E-4
	CC3	0.7954	-0.9503	0.0597	5.85E-5	-6.29E-4	-6.33E-4
	CC4	0.7976	-0.9475	0.0614	5.90E-5	-6.33E-4	-6.01E-4
	CC5	-0.7891	0.9083	-0.2498	-5.71E-5	6.14E-4	6.25E-4
	CC6	-0.7868	0.9111	-0.2480	-5.67E-5	6.09E-4	6.57E-4
	CC7	-0.7356	-0.2805	-0.2285	-6.83E-5	7.34E-4	7.40E-4
	CC8	-0.7333	-0.2777	-0.2268	-6.79E-5	7.29E-4	7.72E-4
	CC9	0.1414	1.8571	-0.0890	3.80E-5	-4.08E-4	-4.34E-4
	CC10	0.1481	1.8655	-0.0838	3.93E-5	-4.23E-4	-3.37E-4
	CC11	-0.3179	2.0580	-0.1755	-7.87E-8	8.77E-7	-2.19E-5
	CC12	-0.3112	2.0665	-0.1702	1.29E-6	-1.38E-5	7.49E-5
	CC13	0.3197	-2.1057	-0.0181	5.68E-7	-6.15E-6	-5.10E-5
	CC14	0.3265	-2.0972	-0.0128	1.94E-6	-2.08E-5	4.59E-5
	CC15	-0.1396	-1.9048	-0.1046	-3.75E-5	4.03E-4	3.61E-4
	CC16	-0.1328	-1.8963	-0.0993	-3.61E-5	3.88E-4	4.58E-4
<b>466</b>	CC1	0.7233	0.2330	0.0166	7.77E-5	-8.35E-4	-7.47E-4
	CC2	0.7281	0.2360	0.0181	7.85E-5	-8.43E-4	-7.15E-4
	CC3	0.7861	-0.9550	0.1312	6.40E-5	-6.87E-4	-6.32E-4
	CC4	0.7909	-0.9519	0.1327	6.47E-5	-6.95E-4	-6.00E-4
	CC5	-0.7803	0.9132	-0.3162	-6.25E-5	6.72E-4	6.26E-4
	CC6	-0.7755	0.9162	-0.3147	-6.18E-5	6.64E-4	6.58E-4
	CC7	-0.7176	-0.2748	-0.2016	-7.63E-5	8.20E-4	7.41E-4
	CC8	-0.7128	-0.2718	-0.2001	-7.56E-5	8.12E-4	7.73E-4
	CC9	0.1190	1.8539	-0.2352	4.39E-5	-4.72E-4	-4.33E-4
	CC10	0.1335	1.8631	-0.2305	4.62E-5	-4.96E-4	-3.36E-4
	CC11	-0.3321	2.0580	-0.3351	1.86E-6	-2.00E-5	-2.10E-5
	CC12	-0.3176	2.0672	-0.3303	4.13E-6	-4.43E-5	7.58E-5
	CC13	0.3282	-2.1060	0.1468	-1.95E-6	2.10E-5	-5.00E-5
	CC14	0.3427	-2.0967	0.1515	3.10E-7	-3.33E-6	4.68E-5
	CC15	-0.1229	-1.9019	0.0470	-4.40E-5	4.73E-4	3.62E-4
	CC16	-0.1084	-1.8927	0.0517	-4.18E-5	4.49E-4	4.59E-4
<b>467</b>	CC1	0.7261	0.2300	0.0960	2.52E-4	-7.91E-4	-6.88E-4
	CC2	0.7234	0.2319	0.0981	2.58E-4	-7.90E-4	-6.59E-4

	CC3	0.7600	-0.8626	-0.0663	-1.08E-3	-8.13E-4	-5.80E-4
	CC4	0.7572	-0.8606	-0.0642	-1.08E-3	-8.11E-4	-5.51E-4
	CC5	-0.7536	0.8262	-0.1346	1.02E-3	7.89E-4	5.61E-4
	CC6	-0.7563	0.8281	-0.1325	1.02E-3	7.91E-4	5.90E-4
	CC7	-0.7197	-0.2664	-0.2969	-3.19E-4	7.68E-4	6.69E-4
	CC8	-0.7225	-0.2644	-0.2948	-3.13E-4	7.69E-4	6.98E-4
	CC9	0.1716	1.7113	0.2025	2.07E-3	-2.14E-4	-4.06E-4
	CC10	0.1632	1.7172	0.2089	2.09E-3	-2.09E-4	-3.19E-4
	CC11	-0.2723	1.8902	0.1333	2.30E-3	2.60E-4	-3.17E-5
	CC12	-0.2807	1.8961	0.1397	2.32E-3	2.65E-4	5.62E-5
	CC13	0.2844	-1.9305	-0.3385	-2.38E-3	-2.87E-4	-4.63E-5
	CC14	0.2759	-1.9246	-0.3322	-2.36E-3	-2.82E-4	4.15E-5
	CC15	-0.1596	-1.7517	-0.4077	-2.15E-3	1.87E-4	3.28E-4
	CC16	-0.1680	-1.7458	-0.4014	-2.13E-3	1.92E-4	4.16E-4
468	CC1	0.6517	0.2082	0.0967	2.58E-4	-9.29E-4	-6.20E-4
	CC2	0.6491	0.2096	0.0988	2.64E-4	-9.27E-4	-5.94E-4
	CC3	0.6841	-0.7660	-0.0669	-1.10E-3	-9.56E-4	-5.21E-4
	CC4	0.6815	-0.7646	-0.0648	-1.10E-3	-9.55E-4	-4.95E-4
	CC5	-0.6795	0.7354	-0.1329	1.04E-3	9.39E-4	5.05E-4
	CC6	-0.6821	0.7368	-0.1309	1.05E-3	9.41E-4	5.31E-4
	CC7	-0.6471	-0.2388	-0.2965	-3.22E-4	9.12E-4	6.04E-4
	CC8	-0.6497	-0.2374	-0.2945	-3.16E-4	9.14E-4	6.30E-4
	CC9	0.1507	1.5278	0.2052	2.11E-3	-2.45E-4	-3.68E-4
	CC10	0.1427	1.5321	0.2114	2.13E-3	-2.40E-4	-2.89E-4
	CC11	-0.2487	1.6860	0.1363	2.35E-3	3.16E-4	-3.05E-5
	CC12	-0.2566	1.6903	0.1425	2.37E-3	3.21E-4	4.86E-5
	CC13	0.2586	-1.7195	-0.3403	-2.43E-3	-3.36E-4	-3.91E-5
	CC14	0.2506	-1.7152	-0.3340	-2.41E-3	-3.31E-4	4.00E-5
	CC15	-0.1408	-1.5613	-0.4092	-2.19E-3	2.24E-4	2.98E-4
	CC16	-0.1487	-1.5570	-0.4029	-2.17E-3	2.30E-4	3.78E-4
469	CC1	0.5736	0.1876	0.0950	2.59E-4	-8.92E-4	-5.51E-4
	CC2	0.5711	0.1886	0.0970	2.64E-4	-8.90E-4	-5.28E-4
	CC3	0.6037	-0.6747	-0.0677	-1.06E-3	-9.41E-4	-4.62E-4
	CC4	0.6012	-0.6738	-0.0657	-1.05E-3	-9.39E-4	-4.39E-4
	CC5	-0.6003	0.6496	-0.1309	9.97E-4	9.30E-4	4.47E-4
	CC6	-0.6027	0.6505	-0.1290	1.00E-3	9.33E-4	4.70E-4
	CC7	-0.5702	-0.2128	-0.2936	-3.19E-4	8.82E-4	5.36E-4
	CC8	-0.5726	-0.2118	-0.2916	-3.14E-4	8.84E-4	5.59E-4
	CC9	0.1301	1.3544	0.2036	2.05E-3	-2.00E-4	-3.29E-4
	CC10	0.1227	1.3572	0.2096	2.06E-3	-1.93E-4	-2.58E-4
	CC11	-0.2220	1.4930	0.1358	2.27E-3	3.47E-4	-2.92E-5
	CC12	-0.2295	1.4958	0.1419	2.29E-3	3.54E-4	4.12E-5
	CC13	0.2304	-1.5200	-0.3385	-2.34E-3	-3.62E-4	-3.30E-5
	CC14	0.2230	-1.5172	-0.3325	-2.33E-3	-3.55E-4	3.74E-5
	CC15	-0.1217	-1.3814	-0.4062	-2.12E-3	1.85E-4	2.66E-4
	CC16	-0.1292	-1.3786	-0.4002	-2.10E-3	1.92E-4	3.37E-4
470	CC1	0.6309	0.2080	-0.0040	2.25E-4	-8.53E-4	-6.79E-4
	CC2	0.6374	0.2107	-0.0026	2.31E-4	-8.62E-4	-6.51E-4
	CC3	0.7075	-0.8673	0.2045	-1.04E-3	-8.18E-4	-5.19E-4
	CC4	0.7140	-0.8645	0.2058	-1.03E-3	-8.28E-4	-4.90E-4
	CC5	-0.7042	0.8310	-0.3846	9.75E-4	7.97E-4	5.08E-4
	CC6	-0.6978	0.8337	-0.3832	9.81E-4	7.87E-4	5.37E-4
	CC7	-0.6277	-0.2443	-0.1761	-2.88E-4	8.31E-4	6.69E-4
	CC8	-0.6212	-0.2416	-0.1748	-2.82E-4	8.22E-4	6.98E-4
	CC9	0.0677	1.6778	-0.3817	1.96E-3	-3.05E-4	-4.80E-4
	CC10	0.0873	1.6860	-0.3776	1.97E-3	-3.35E-4	-3.93E-4
	CC11	-0.3328	1.8647	-0.4959	2.18E-3	1.90E-4	-1.24E-4
	CC12	-0.3132	1.8729	-0.4918	2.20E-3	1.60E-4	-3.67E-5
	CC13	0.3229	-1.9064	0.3130	-2.26E-3	-1.91E-4	5.50E-5
	CC14	0.3425	-1.8982	0.3171	-2.24E-3	-2.20E-4	1.42E-4
	CC15	-0.0776	-1.7195	0.1989	-2.03E-3	3.04E-4	4.11E-4
	CC16	-0.0580	-1.7113	0.2029	-2.01E-3	2.74E-4	4.99E-4
471	CC1	0.5600	0.1893	-0.0035	2.38E-4	-8.14E-4	-6.20E-4
	CC2	0.5656	0.1914	-0.0021	2.44E-4	-8.23E-4	-5.94E-4
	CC3	0.6373	-0.7750	0.2048	-1.06E-3	-8.34E-4	-4.29E-4
	CC4	0.6429	-0.7728	0.2062	-1.06E-3	-8.43E-4	-4.03E-4
	CC5	-0.6358	0.7444	-0.3848	9.97E-4	8.16E-4	4.18E-4
	CC6	-0.6302	0.7466	-0.3834	1.00E-3	8.07E-4	4.44E-4
	CC7	-0.5585	-0.2198	-0.1765	-3.02E-4	7.96E-4	6.08E-4
	CC8	-0.5529	-0.2177	-0.1751	-2.97E-4	7.87E-4	6.34E-4
	CC9	0.0456	1.5063	-0.3813	2.01E-3	-2.12E-4	-5.05E-4
	CC10	0.0626	1.5128	-0.3771	2.03E-3	-2.39E-4	-4.27E-4

	CC11	-0.3132	1.6729	-0.4957	2.24E-3	2.77E-4	-1.94E-4
	CC12	-0.2961	1.6794	-0.4915	2.26E-3	2.50E-4	-1.15E-4
	CC13	0.3032	-1.7078	0.3129	-2.32E-3	-2.77E-4	1.30E-4
	CC14	0.3203	-1.7013	0.3171	-2.30E-3	-3.05E-4	2.09E-4
	CC15	-0.0555	-1.5413	0.1985	-2.09E-3	2.12E-4	4.41E-4
	CC16	-0.0385	-1.5347	0.2027	-2.07E-3	1.84E-4	5.20E-4
472	CC1	0.5010	0.1709	-0.0028	2.26E-4	-5.72E-4	-5.63E-4
	CC2	0.5059	0.1725	-0.0013	2.32E-4	-5.78E-4	-5.40E-4
	CC3	0.5698	-0.6854	0.2043	-1.03E-3	-7.74E-4	-3.74E-4
	CC4	0.5747	-0.6838	0.2058	-1.03E-3	-7.81E-4	-3.51E-4
	CC5	-0.5698	0.6603	-0.3842	9.72E-4	7.58E-4	3.62E-4
	CC6	-0.5649	0.6619	-0.3827	9.78E-4	7.52E-4	3.85E-4
	CC7	-0.5010	-0.1960	-0.1772	-2.87E-4	5.56E-4	5.50E-4
	CC8	-0.4961	-0.1943	-0.1757	-2.82E-4	5.50E-4	5.73E-4
	CC9	0.0409	1.3396	-0.3793	1.95E-3	1.36E-4	-4.83E-4
	CC10	0.0558	1.3445	-0.3748	1.97E-3	1.16E-4	-4.13E-4
	CC11	-0.2803	1.4864	-0.4937	2.17E-3	5.35E-4	-2.05E-4
	CC12	-0.2655	1.4913	-0.4892	2.19E-3	5.15E-4	-1.35E-4
	CC13	0.2704	-1.5148	0.3108	-2.25E-3	-5.38E-4	1.46E-4
	CC14	0.2852	-1.5098	0.3153	-2.23E-3	-5.57E-4	2.16E-4
	CC15	-0.0509	-1.3679	0.1963	-2.02E-3	-1.38E-4	4.23E-4
	CC16	-0.0360	-1.3630	0.2009	-2.01E-3	-1.58E-4	4.93E-4
473	CC1	0.7028	0.7051	-0.2034	5.07E-4	2.82E-5	-7.57E-4
	CC2	0.7106	0.6885	-0.2032	4.97E-4	2.76E-5	-7.25E-4
	CC3	0.7765	-0.5536	-0.1251	-5.06E-4	-2.81E-5	-6.42E-4
	CC4	0.7844	-0.5703	-0.1248	-5.16E-4	-2.86E-5	-6.10E-4
	CC5	-0.7724	0.5315	-0.0684	4.32E-4	2.40E-5	6.17E-4
	CC6	-0.7645	0.5149	-0.0681	4.21E-4	2.34E-5	6.49E-4
	CC7	-0.6986	-0.7272	0.0100	-5.82E-4	-3.23E-5	7.32E-4
	CC8	-0.6908	-0.7438	0.0102	-5.92E-4	-3.29E-5	7.63E-4
	CC9	0.0925	2.1298	-0.2479	1.67E-3	9.29E-5	-4.42E-4
	CC10	0.1163	2.0793	-0.2471	1.64E-3	9.12E-5	-3.46E-4
	CC11	-0.3501	2.0777	-0.2073	1.65E-3	9.16E-5	-3.04E-5
	CC12	-0.3263	2.0273	-0.2066	1.62E-3	8.99E-5	6.64E-5
	CC13	0.3383	-2.0660	0.0134	-1.70E-3	-9.46E-5	-5.95E-5
	CC14	0.3621	-2.1164	0.0141	-1.74E-3	-9.63E-5	3.73E-5
	CC15	-0.1043	-2.1180	0.0539	-1.73E-3	-9.58E-5	3.52E-4
	CC16	-0.0805	-2.1685	0.0547	-1.76E-3	-9.76E-5	4.49E-4
474	CC1	0.7037	0.5858	-0.1542	4.23E-4	2.35E-5	-7.63E-4
	CC2	0.7114	0.5721	-0.1536	4.14E-4	2.30E-5	-7.31E-4
	CC3	0.7769	-0.6626	-0.0751	-6.72E-4	-3.73E-5	-6.48E-4
	CC4	0.7846	-0.6763	-0.0744	-6.82E-4	-3.78E-5	-6.16E-4
	CC5	-0.7728	0.6377	-0.1161	6.01E-4	3.34E-5	6.10E-4
	CC6	-0.7651	0.6240	-0.1154	5.92E-4	3.28E-5	6.42E-4
	CC7	-0.6997	-0.6107	-0.0370	-4.94E-4	-2.74E-5	7.25E-4
	CC8	-0.6920	-0.6244	-0.0363	-5.04E-4	-2.80E-5	7.57E-4
	CC9	0.0938	2.0744	-0.2339	1.77E-3	9.84E-5	-4.49E-4
	CC10	0.1171	2.0327	-0.2319	1.74E-3	9.68E-5	-3.52E-4
	CC11	-0.3492	2.0900	-0.2225	1.83E-3	1.01E-4	-3.70E-5
	CC12	-0.3259	2.0482	-0.2204	1.80E-3	9.98E-5	5.99E-5
	CC13	0.3377	-2.0869	0.0299	-1.88E-3	-1.04E-4	-6.60E-5
	CC14	0.3610	-2.1286	0.0320	-1.91E-3	-1.06E-4	3.08E-5
	CC15	-0.1053	-2.0713	0.0414	-1.82E-3	-1.01E-4	3.46E-4
	CC16	-0.0820	-2.1130	0.0434	-1.85E-3	-1.03E-4	4.43E-4
475	CC1	0.7046	0.5634	-0.0970	3.70E-4	2.06E-5	-7.71E-4
	CC2	0.7122	0.5525	-0.0959	3.63E-4	2.01E-5	-7.39E-4
	CC3	0.7772	-0.6747	-0.0166	-7.53E-4	-4.18E-5	-6.56E-4
	CC4	0.7848	-0.6855	-0.0155	-7.61E-4	-4.22E-5	-6.24E-4
	CC5	-0.7733	0.6458	-0.1730	6.73E-4	3.74E-5	6.03E-4
	CC6	-0.7658	0.6349	-0.1719	6.65E-4	3.69E-5	6.34E-4
	CC7	-0.7007	-0.5922	-0.0926	-4.50E-4	-2.50E-5	7.17E-4
	CC8	-0.6932	-0.6031	-0.0915	-4.58E-4	-2.54E-5	7.49E-4
	CC9	0.0950	2.0476	-0.2186	1.80E-3	9.97E-5	-4.56E-4
	CC10	0.1178	2.0146	-0.2151	1.77E-3	9.83E-5	-3.60E-4
	CC11	-0.3484	2.0724	-0.2414	1.89E-3	1.05E-4	-4.45E-5
	CC12	-0.3255	2.0394	-0.2379	1.86E-3	1.03E-4	5.23E-5
	CC13	0.3370	-2.0791	0.0494	-1.95E-3	-1.08E-4	-7.36E-5
	CC14	0.3598	-2.1121	0.0529	-1.97E-3	-1.10E-4	2.33E-5
	CC15	-0.1064	-2.0544	0.0266	-1.86E-3	-1.03E-4	3.38E-4
	CC16	-0.0836	-2.0874	0.0301	-1.88E-3	-1.05E-4	4.35E-4
476	CC1	0.6443	0.7304	-0.2523	5.03E-4	-7.28E-4	-7.11E-4
	CC2	0.6514	0.7118	-0.2526	4.86E-4	-7.38E-4	-6.82E-4



	CC3	0.7142	-0.4562	-0.1742	-8.52E-4	-7.89E-4	-5.76E-4
	CC4	0.7214	-0.4748	-0.1745	-8.69E-4	-7.99E-4	-5.47E-4
	CC5	-0.7123	0.4437	-0.0215	8.00E-4	7.79E-4	5.50E-4
	CC6	-0.7051	0.4252	-0.0217	7.82E-4	7.69E-4	5.80E-4
	CC7	-0.6423	-0.7429	0.0566	-5.55E-4	7.18E-4	6.85E-4
	CC8	-0.6352	-0.7615	0.0564	-5.73E-4	7.08E-4	7.15E-4
	CC9	0.0806	2.0334	-0.2624	2.21E-3	-1.20E-4	-4.57E-4
	CC10	0.1022	1.9770	-0.2631	2.15E-3	-1.50E-4	-3.67E-4
	CC11	-0.3263	1.9474	-0.1932	2.29E-3	3.32E-4	-7.88E-5
	CC12	-0.3047	1.8910	-0.1938	2.24E-3	3.02E-4	1.11E-5
	CC13	0.3138	-1.9221	-0.0021	-2.31E-3	-3.22E-4	-7.48E-6
	CC14	0.3354	-1.9785	-0.0028	-2.36E-3	-3.52E-4	8.25E-5
	CC15	-0.0931	-2.0081	0.0671	-2.22E-3	1.30E-4	3.71E-4
	CC16	-0.0715	-2.0645	0.0664	-2.27E-3	1.00E-4	4.61E-4
477	CC1	0.5795	0.6478	-0.2519	6.04E-4	-7.77E-4	-6.17E-4
	CC2	0.5857	0.6311	-0.2521	5.82E-4	-7.86E-4	-5.91E-4
	CC3	0.6437	-0.4026	-0.1740	-1.12E-3	-8.50E-4	-5.28E-4
	CC4	0.6500	-0.4193	-0.1743	-1.14E-3	-8.59E-4	-5.01E-4
	CC5	-0.6425	0.3932	-0.0201	1.10E-3	8.43E-4	5.06E-4
	CC6	-0.6362	0.3765	-0.0203	1.07E-3	8.34E-4	5.33E-4
	CC7	-0.5782	-0.6572	0.0577	-6.30E-4	7.70E-4	5.96E-4
	CC8	-0.5719	-0.6739	0.0575	-6.53E-4	7.61E-4	6.22E-4
	CC9	0.0704	1.8012	-0.2613	2.81E-3	-1.16E-4	-3.55E-4
	CC10	0.0895	1.7504	-0.2620	2.74E-3	-1.44E-4	-2.75E-4
	CC11	-0.2961	1.7248	-0.1918	2.96E-3	3.70E-4	-1.78E-5
	CC12	-0.2771	1.6741	-0.1924	2.89E-3	3.42E-4	6.16E-5
	CC13	0.2846	-1.7002	-0.0019	-2.94E-3	-3.58E-4	-5.67E-5
	CC14	0.3037	-1.7510	-0.0025	-3.01E-3	-3.87E-4	2.27E-5
	CC15	-0.0819	-1.7766	0.0676	-2.79E-3	1.28E-4	2.80E-4
	CC16	-0.0629	-1.8273	0.0670	-2.86E-3	9.94E-5	3.60E-4
478	CC1	0.5141	0.5607	-0.2489	5.64E-4	-7.62E-4	-5.23E-4
	CC2	0.5196	0.5460	-0.2490	5.43E-4	-7.70E-4	-5.01E-4
	CC3	0.5719	-0.3477	-0.1715	-1.02E-3	-8.40E-4	-4.74E-4
	CC4	0.5774	-0.3624	-0.1716	-1.04E-3	-8.49E-4	-4.52E-4
	CC5	-0.5713	0.3411	-0.0211	9.76E-4	8.32E-4	4.59E-4
	CC6	-0.5658	0.3263	-0.0213	9.56E-4	8.23E-4	4.82E-4
	CC7	-0.5135	-0.5673	0.0563	-6.10E-4	7.53E-4	5.08E-4
	CC8	-0.5080	-0.5821	0.0561	-6.31E-4	7.44E-4	5.31E-4
	CC9	0.0612	1.5587	-0.2593	2.58E-3	-1.03E-4	-2.60E-4
	CC10	0.0778	1.5139	-0.2598	2.52E-3	-1.29E-4	-1.91E-4
	CC11	-0.2645	1.4928	-0.1910	2.70E-3	3.75E-4	3.47E-5
	CC12	-0.2479	1.4480	-0.1915	2.64E-3	3.49E-4	1.03E-4
	CC13	0.2539	-1.4694	-0.0013	-2.71E-3	-3.66E-4	-9.64E-5
	CC14	0.2706	-1.5141	-0.0018	-2.77E-3	-3.92E-4	-2.76E-5
	CC15	-0.0717	-1.5352	0.0670	-2.58E-3	1.12E-4	1.98E-4
	CC16	-0.0551	-1.5800	0.0666	-2.65E-3	8.58E-5	2.67E-4
479	CC1	0.6365	0.4602	-0.0426	5.15E-4	-3.23E-4	-6.94E-4
	CC2	0.6430	0.4526	-0.0409	5.10E-4	-3.34E-4	-6.65E-4
	CC3	0.7047	-0.6723	0.0392	-8.41E-4	-4.98E-4	-6.05E-4
	CC4	0.7112	-0.6799	0.0408	-8.46E-4	-5.08E-4	-5.76E-4
	CC5	-0.7020	0.6491	-0.2275	8.03E-4	5.14E-4	5.77E-4
	CC6	-0.6955	0.6415	-0.2258	7.98E-4	5.03E-4	6.06E-4
	CC7	-0.6339	-0.4834	-0.1457	-5.53E-4	3.39E-4	6.66E-4
	CC8	-0.6273	-0.4910	-0.1441	-5.58E-4	3.29E-4	6.96E-4
	CC9	0.0818	1.8553	-0.2043	2.20E-3	1.84E-4	-3.83E-4
	CC10	0.1016	1.8323	-0.1994	2.19E-3	1.52E-4	-2.94E-4
	CC11	-0.3197	1.9120	-0.2598	2.29E-3	4.35E-4	-1.20E-6
	CC12	-0.2999	1.8890	-0.2548	2.27E-3	4.03E-4	8.72E-5
	CC13	0.3091	-1.9197	0.0682	-2.32E-3	-3.98E-4	-8.55E-5
	CC14	0.3289	-1.9427	0.0732	-2.33E-3	-4.30E-4	2.93E-6
	CC15	-0.0925	-1.8631	0.0128	-2.23E-3	-1.47E-4	2.96E-4
	CC16	-0.0727	-1.8861	0.0177	-2.25E-3	-1.79E-4	3.84E-4
480	CC1	0.5700	0.4142	-0.0469	5.35E-4	-4.25E-4	-6.33E-4
	CC2	0.5758	0.4071	-0.0454	5.30E-4	-4.35E-4	-6.07E-4
	CC3	0.6333	-0.5993	0.0351	-8.66E-4	-4.36E-4	-5.44E-4
	CC4	0.6390	-0.6065	0.0366	-8.72E-4	-4.45E-4	-5.18E-4
	CC5	-0.6318	0.5798	-0.2226	8.23E-4	4.16E-4	5.16E-4
	CC6	-0.6261	0.5727	-0.2211	8.18E-4	4.07E-4	5.42E-4
	CC7	-0.5686	-0.4338	-0.1406	-5.78E-4	4.05E-4	6.04E-4
	CC8	-0.5628	-0.4409	-0.1391	-5.84E-4	3.96E-4	6.31E-4
	CC9	0.0697	1.6619	-0.2057	2.28E-3	-1.10E-4	-3.61E-4
	CC10	0.0871	1.6403	-0.2009	2.26E-3	-1.37E-4	-2.81E-4

	CC11	-0.2908	1.7116	-0.2584	2.36E-3	1.43E-4	-1.66E-5
	CC12	-0.2734	1.6900	-0.2537	2.35E-3	1.15E-4	6.33E-5
	CC13	0.2807	-1.7167	0.0677	-2.40E-3	-1.44E-4	-6.58E-5
	CC14	0.2980	-1.7383	0.0724	-2.41E-3	-1.72E-4	1.41E-5
	CC15	-0.0799	-1.6670	0.0149	-2.31E-3	1.08E-4	2.79E-4
	CC16	-0.0625	-1.6886	0.0197	-2.33E-3	8.03E-5	3.59E-4
481	CC1	0.5087	0.3646	-0.0533	6.52E-4	-2.47E-4	-5.63E-4
	CC2	0.5137	0.3581	-0.0519	6.44E-4	-2.58E-4	-5.39E-4
	CC3	0.5659	-0.5217	0.0290	-9.86E-4	-4.53E-4	-4.80E-4
	CC4	0.5709	-0.5283	0.0305	-9.93E-4	-4.64E-4	-4.57E-4
	CC5	-0.5654	0.5049	-0.2158	9.67E-4	4.63E-4	4.48E-4
	CC6	-0.5604	0.4983	-0.2144	9.60E-4	4.52E-4	4.71E-4
	CC7	-0.5082	-0.3814	-0.1334	-6.70E-4	2.57E-4	5.31E-4
	CC8	-0.5032	-0.3880	-0.1320	-6.78E-4	2.46E-4	5.54E-4
	CC9	0.0610	1.4545	-0.2077	2.68E-3	2.53E-4	-3.30E-4
	CC10	0.0761	1.4346	-0.2034	2.66E-3	2.19E-4	-2.59E-4
	CC11	-0.2613	1.4966	-0.2565	2.77E-3	4.66E-4	-2.63E-5
	CC12	-0.2461	1.4766	-0.2521	2.75E-3	4.32E-4	4.45E-5
	CC13	0.2516	-1.5000	0.0668	-2.78E-3	-4.33E-4	-5.32E-5
	CC14	0.2667	-1.5200	0.0711	-2.80E-3	-4.67E-4	1.76E-5
	CC15	-0.0706	-1.4579	0.0180	-2.68E-3	-2.20E-4	2.50E-4
	CC16	-0.0555	-1.4779	0.0224	-2.71E-3	-2.54E-4	3.21E-4
482	CC1	0.7003	1.2958	-0.2767	5.16E-4	-6.11E-4	-7.78E-4
	CC2	0.7083	1.2545	-0.2754	5.00E-4	-6.18E-4	-7.46E-4
	CC3	0.7746	-0.0519	-0.1975	-9.83E-5	-6.63E-4	-6.63E-4
	CC4	0.7826	-0.0932	-0.1962	-1.15E-4	-6.69E-4	-6.32E-4
	CC5	-0.7735	0.0654	-0.0340	4.10E-5	6.45E-4	5.95E-4
	CC6	-0.7655	0.0241	-0.0327	2.46E-5	6.39E-4	6.27E-4
	CC7	-0.6992	-1.2822	0.0452	-5.74E-4	5.93E-4	7.10E-4
	CC8	-0.6912	-1.3235	0.0465	-5.90E-4	5.87E-4	7.42E-4
	CC9	0.0896	2.4795	-0.2854	1.08E-3	-1.05E-4	-4.64E-4
	CC10	0.1139	2.3541	-0.2815	1.03E-3	-1.24E-4	-3.67E-4
	CC11	-0.3525	2.1104	-0.2126	9.41E-4	2.72E-4	-5.22E-5
	CC12	-0.3282	1.9850	-0.2087	8.91E-4	2.53E-4	4.46E-5
	CC13	0.3373	-2.0127	-0.0214	-9.65E-4	-2.77E-4	-8.13E-5
	CC14	0.3616	-2.1381	-0.0176	-1.01E-3	-2.96E-4	1.56E-5
	CC15	-0.1048	-2.3818	0.0514	-1.11E-3	1.00E-4	3.31E-4
	CC16	-0.0805	-2.5072	0.0552	-1.16E-3	8.08E-5	4.28E-4
483	CC1	0.7003	1.2263	-0.2238	5.41E-4	-6.32E-4	-7.78E-4
	CC2	0.7083	1.1878	-0.2219	5.24E-4	-6.39E-4	-7.46E-4
	CC3	0.7746	-0.1111	-0.1391	-1.11E-4	-7.03E-4	-6.63E-4
	CC4	0.7826	-0.1495	-0.1373	-1.28E-4	-7.10E-4	-6.31E-4
	CC5	-0.7736	0.1185	-0.0915	4.49E-5	7.01E-4	5.95E-4
	CC6	-0.7656	0.0800	-0.0896	2.76E-5	6.94E-4	6.27E-4
	CC7	-0.6993	-1.2189	-0.0068	-6.07E-4	6.31E-4	7.10E-4
	CC8	-0.6913	-1.2573	-0.0050	-6.24E-4	6.24E-4	7.42E-4
	CC9	0.0896	2.4379	-0.2781	1.15E-3	-7.61E-5	-4.64E-4
	CC10	0.1139	2.3212	-0.2724	1.09E-3	-9.76E-5	-3.67E-4
	CC11	-0.3526	2.1056	-0.2384	9.97E-4	3.24E-4	-5.16E-5
	CC12	-0.3283	1.9889	-0.2327	9.44E-4	3.02E-4	4.52E-5
	CC13	0.3373	-2.0199	0.0040	-1.03E-3	-3.11E-4	-8.07E-5
	CC14	0.3616	-2.1366	0.0097	-1.08E-3	-3.32E-4	1.61E-5
	CC15	-0.1049	-2.3522	0.0437	-1.18E-3	8.92E-5	3.31E-4
	CC16	-0.0806	-2.4690	0.0494	-1.23E-3	6.77E-5	4.28E-4
484	CC1	0.7002	1.1570	-0.2042	4.82E-4	-5.65E-4	-7.73E-4
	CC2	0.7082	1.1214	-0.2017	4.66E-4	-5.72E-4	-7.41E-4
	CC3	0.7745	-0.1700	-0.1133	-1.01E-4	-6.35E-4	-6.58E-4
	CC4	0.7825	-0.2056	-0.1108	-1.17E-4	-6.41E-4	-6.26E-4
	CC5	-0.7736	0.1718	-0.1178	1.80E-5	6.44E-4	6.00E-4
	CC6	-0.7656	0.1362	-0.1153	2.78E-6	6.38E-4	6.32E-4
	CC7	-0.6993	-1.1553	-0.0269	-5.65E-4	5.75E-4	7.15E-4
	CC8	-0.6913	-1.1909	-0.0244	-5.80E-4	5.69E-4	7.47E-4
	CC9	0.0895	2.3966	-0.2826	1.01E-3	-5.45E-5	-4.59E-4
	CC10	0.1138	2.2886	-0.2750	9.69E-4	-7.38E-5	-3.62E-4
	CC11	-0.3526	2.1011	-0.2567	8.76E-4	3.08E-4	-4.69E-5
	CC12	-0.3283	1.9930	-0.2491	8.30E-4	2.89E-4	4.99E-5
	CC13	0.3373	-2.0269	0.0205	-9.28E-4	-2.86E-4	-7.60E-5
	CC14	0.3615	-2.1349	0.0281	-9.74E-4	-3.05E-4	2.09E-5
	CC15	-0.1049	-2.3224	0.0465	-1.07E-3	7.73E-5	3.36E-4
	CC16	-0.0806	-2.4305	0.0540	-1.11E-3	5.81E-5	4.33E-4
485	CC1	0.6444	1.2820	-0.3295	1.46E-3	-7.47E-4	-7.22E-4
	CC2	0.6518	1.2405	-0.3288	1.42E-3	-7.57E-4	-6.92E-4

	CC3	0.7149	0.0133	-0.2541	-2.48E-5	-8.23E-4	-6.05E-4
	CC4	0.7223	-0.0282	-0.2534	-7.05E-5	-8.32E-4	-5.75E-4
	CC5	-0.7148	0.0076	0.0223	4.07E-5	8.22E-4	5.51E-4
	CC6	-0.7075	-0.0339	0.0230	-4.98E-6	8.12E-4	5.81E-4
	CC7	-0.6443	-1.2610	0.0977	-1.44E-3	7.47E-4	6.68E-4
	CC8	-0.6369	-1.3025	0.0984	-1.49E-3	7.37E-4	6.98E-4
	CC9	0.0790	2.3582	-0.2952	2.74E-3	-1.01E-4	-4.43E-4
	CC10	0.1012	2.2323	-0.2930	2.60E-3	-1.31E-4	-3.53E-4
	CC11	-0.3288	1.9759	-0.1896	2.32E-3	3.70E-4	-6.14E-5
	CC12	-0.3065	1.8500	-0.1875	2.18E-3	3.40E-4	2.88E-5
	CC13	0.3140	-1.8705	-0.0436	-2.21E-3	-3.51E-4	-5.30E-5
	CC14	0.3363	-1.9965	-0.0415	-2.35E-3	-3.81E-4	3.72E-5
	CC15	-0.0938	-2.2529	0.0619	-2.63E-3	1.20E-4	3.29E-4
	CC16	-0.0715	-2.3788	0.0641	-2.77E-3	8.99E-5	4.19E-4
486	CC1	0.5780	1.1323	-0.3299	1.92E-3	-7.93E-4	-6.09E-4
	CC2	0.5844	1.0955	-0.3292	1.87E-3	-8.04E-4	-5.83E-4
	CC3	0.6413	0.0128	-0.2556	2.29E-5	-8.80E-4	-5.37E-4
	CC4	0.6478	-0.0241	-0.2549	-3.43E-5	-8.90E-4	-5.11E-4
	CC5	-0.6410	0.0054	0.0256	1.71E-5	8.83E-4	4.93E-4
	CC6	-0.6346	-0.0314	0.0262	-4.01E-5	8.72E-4	5.19E-4
	CC7	-0.5777	-1.1141	0.0999	-1.88E-3	7.96E-4	5.65E-4
	CC8	-0.5713	-1.1510	0.1005	-1.94E-3	7.86E-4	5.91E-4
	CC9	0.0710	2.0816	-0.2929	3.53E-3	-9.43E-5	-3.33E-4
	CC10	0.0904	1.9698	-0.2908	3.36E-3	-1.27E-4	-2.55E-4
	CC11	-0.2947	1.7435	-0.1862	2.96E-3	4.09E-4	-2.18E-6
	CC12	-0.2753	1.6317	-0.1842	2.78E-3	3.76E-4	7.53E-5
	CC13	0.2821	-1.6504	-0.0452	-2.80E-3	-3.83E-4	-9.31E-5
	CC14	0.3015	-1.7621	-0.0432	-2.98E-3	-4.16E-4	-1.57E-5
	CC15	-0.0837	-1.9884	0.0615	-3.37E-3	1.20E-4	2.38E-4
	CC16	-0.0642	-2.1002	0.0635	-3.55E-3	8.69E-5	3.15E-4
487	CC1	0.5119	0.9753	-0.3275	1.66E-3	-7.71E-4	-5.05E-4
	CC2	0.5174	0.9432	-0.3268	1.61E-3	-7.81E-4	-4.84E-4
	CC3	0.5681	0.0087	-0.2539	5.31E-6	-8.50E-4	-4.67E-4
	CC4	0.5736	-0.0233	-0.2532	-4.29E-5	-8.60E-4	-4.45E-4
	CC5	-0.5676	0.0066	0.0256	1.18E-5	8.50E-4	4.34E-4
	CC6	-0.5621	-0.0254	0.0263	-3.64E-5	8.40E-4	4.56E-4
	CC7	-0.5113	-0.9599	0.0992	-1.65E-3	7.71E-4	4.73E-4
	CC8	-0.5059	-0.9920	0.0999	-1.69E-3	7.61E-4	4.95E-4
	CC9	0.0629	1.7965	-0.2905	3.07E-3	-1.01E-4	-2.44E-4
	CC10	0.0795	1.6992	-0.2884	2.92E-3	-1.31E-4	-1.78E-4
	CC11	-0.2610	1.5059	-0.1846	2.57E-3	3.85E-4	3.82E-5
	CC12	-0.2444	1.4086	-0.1824	2.43E-3	3.55E-4	1.04E-4
	CC13	0.2504	-1.4253	-0.0452	-2.46E-3	-3.65E-4	-1.14E-4
	CC14	0.2670	-1.5226	-0.0431	-2.60E-3	-3.95E-4	-4.88E-5
	CC15	-0.0735	-1.7159	0.0607	-2.95E-3	1.22E-4	1.68E-4
	CC16	-0.0569	-1.8132	0.0629	-3.10E-3	9.14E-5	2.33E-4
488	CC1	0.6474	1.0243	-0.0954	1.13E-3	-7.69E-4	-6.90E-4
	CC2	0.6548	0.9935	-0.0924	1.09E-3	-7.78E-4	-6.61E-4
	CC3	0.7169	-0.2089	0.0005	-2.94E-4	-8.37E-4	-6.01E-4
	CC4	0.7242	-0.2397	0.0036	-3.25E-4	-8.46E-4	-5.73E-4
	CC5	-0.7164	0.2114	-0.2307	2.77E-4	8.31E-4	5.63E-4
	CC6	-0.7090	0.1806	-0.2276	2.45E-4	8.21E-4	5.92E-4
	CC7	-0.6469	-1.0219	-0.1347	-1.14E-3	7.63E-4	6.52E-4
	CC8	-0.6396	-1.0527	-0.1316	-1.17E-3	7.53E-4	6.80E-4
	CC9	0.0816	2.2099	-0.2578	2.52E-3	-1.19E-4	-3.83E-4
	CC10	0.1039	2.1164	-0.2486	2.42E-3	-1.49E-4	-2.96E-4
	CC11	-0.3275	1.9660	-0.2984	2.26E-3	3.61E-4	-7.51E-6
	CC12	-0.3053	1.8725	-0.2891	2.17E-3	3.31E-4	7.97E-5
	CC13	0.3132	-1.9009	0.0620	-2.21E-3	-3.46E-4	-8.90E-5
	CC14	0.3354	-1.9944	0.0713	-2.31E-3	-3.76E-4	-1.82E-6
	CC15	-0.0960	-2.1447	0.0215	-2.47E-3	1.33E-4	2.87E-4
	CC16	-0.0737	-2.2383	0.0308	-2.56E-3	1.04E-4	3.74E-4
489	CC1	0.5780	0.9085	-0.0930	1.49E-3	-8.35E-4	-6.42E-4
	CC2	0.5844	0.8809	-0.0899	1.45E-3	-8.46E-4	-6.16E-4
	CC3	0.6412	-0.1807	0.0029	-3.50E-4	-9.11E-4	-5.32E-4
	CC4	0.6476	-0.2083	0.0060	-3.90E-4	-9.22E-4	-5.06E-4
	CC5	-0.6411	0.1829	-0.2316	3.63E-4	9.06E-4	4.96E-4
	CC6	-0.6347	0.1554	-0.2285	3.23E-4	8.95E-4	5.22E-4
	CC7	-0.5779	-0.9062	-0.1356	-1.48E-3	8.31E-4	6.05E-4
	CC8	-0.5715	-0.9338	-0.1325	-1.52E-3	8.20E-4	6.32E-4
	CC9	0.0709	1.9533	-0.2567	3.29E-3	-1.27E-4	-3.99E-4
	CC10	0.0904	1.8695	-0.2473	3.17E-3	-1.59E-4	-3.19E-4

	CC11	-0.2948	1.7356	-0.2982	2.95E-3	3.96E-4	-5.78E-5
	CC12	-0.2753	1.6519	-0.2888	2.83E-3	3.63E-4	2.23E-5
	CC13	0.2818	-1.6772	0.0633	-2.86E-3	-3.78E-4	-3.26E-5
	CC14	0.3013	-1.7609	0.0727	-2.98E-3	-4.11E-4	-4.74E-5
	CC15	-0.0839	-1.8949	0.0217	-3.20E-3	1.44E-4	3.09E-4
	CC16	-0.0644	-1.9786	0.0311	-3.32E-3	1.11E-4	3.89E-4
490	CC1	0.5091	0.7855	-0.0932	1.34E-3	-7.88E-4	-5.89E-4
	CC2	0.5146	0.7614	-0.0901	1.30E-3	-7.98E-4	-5.66E-4
	CC3	0.5660	-0.1540	0.0028	-3.00E-4	-8.65E-4	-4.62E-4
	CC4	0.5714	-0.1781	0.0058	-3.35E-4	-8.75E-4	-4.38E-4
	CC5	-0.5662	0.1559	-0.2299	2.86E-4	8.62E-4	4.30E-4
	CC6	-0.5607	0.1317	-0.2268	2.51E-4	8.52E-4	4.54E-4
	CC7	-0.5093	-0.7836	-0.1339	-1.35E-3	7.85E-4	5.57E-4
	CC8	-0.5038	-0.8078	-0.1308	-1.39E-3	7.75E-4	5.81E-4
	CC9	0.0608	1.6858	-0.2562	2.92E-3	-1.10E-4	-4.06E-4
	CC10	0.0774	1.6125	-0.2468	2.81E-3	-1.41E-4	-3.33E-4
	CC11	-0.2618	1.4969	-0.2971	2.60E-3	3.85E-4	-9.98E-5
	CC12	-0.2451	1.4236	-0.2878	2.49E-3	3.55E-4	-2.71E-5
	CC13	0.2504	-1.4458	0.0638	-2.54E-3	-3.67E-4	1.83E-5
	CC14	0.2670	-1.5192	0.0731	-2.65E-3	-3.98E-4	9.10E-5
	CC15	-0.0722	-1.6347	0.0228	-2.86E-3	1.28E-4	3.24E-4
	CC16	-0.0556	-1.7081	0.0321	-2.97E-3	9.72E-5	3.97E-4
491	CC1	0.7988	1.5697	-0.1698	1.76E-3	-8.79E-4	-6.78E-4
	CC2	0.7873	1.5159	-0.1770	1.70E-3	-8.68E-4	-6.50E-4
	CC3	0.7981	0.2687	-0.3382	2.83E-4	-8.92E-4	-5.83E-4
	CC4	0.7867	0.2150	-0.3455	2.26E-4	-8.81E-4	-5.55E-4
	CC5	-0.7891	-0.2294	0.1176	-2.40E-4	8.93E-4	5.56E-4
	CC6	-0.8005	-0.2832	0.1104	-2.97E-4	9.04E-4	5.84E-4
	CC7	-0.7897	-1.5303	-0.0508	-1.71E-3	8.81E-4	6.50E-4
	CC8	-0.8012	-1.5841	-0.0581	-1.77E-3	8.92E-4	6.79E-4
	CC9	0.2554	2.5124	0.1348	2.84E-3	-2.55E-4	-3.86E-4
	CC10	0.2207	2.3492	0.1128	2.66E-3	-2.23E-4	-2.99E-4
	CC11	-0.2210	1.9727	0.2210	2.24E-3	2.76E-4	-1.59E-5
	CC12	-0.2557	1.8095	0.1990	2.06E-3	3.09E-4	7.06E-5
	CC13	0.2533	-1.8239	-0.4269	-2.08E-3	-2.97E-4	-6.97E-5
	CC14	0.2186	-1.9872	-0.4488	-2.25E-3	-2.64E-4	1.67E-5
	CC15	-0.2231	-2.3637	-0.3407	-2.68E-3	2.35E-4	3.00E-4
	CC16	-0.2578	-2.5269	-0.3626	-2.85E-3	2.68E-4	3.87E-4
492	CC1	0.7207	1.4067	-0.1699	1.97E-3	-9.61E-4	-6.10E-4
	CC2	0.7104	1.3583	-0.1773	1.90E-3	-9.46E-4	-5.85E-4
	CC3	0.7193	0.2411	-0.3418	3.05E-4	-9.29E-4	-5.22E-4
	CC4	0.7090	0.1927	-0.3492	2.43E-4	-9.15E-4	-4.96E-4
	CC5	-0.7105	-0.2063	0.1229	-2.49E-4	9.22E-4	4.97E-4
	CC6	-0.7208	-0.2547	0.1155	-3.12E-4	9.36E-4	5.22E-4
	CC7	-0.7120	-1.3719	-0.0490	-1.91E-3	9.54E-4	5.85E-4
	CC8	-0.7223	-1.4203	-0.0564	-1.97E-3	9.68E-4	6.11E-4
	CC9	0.2320	2.2513	0.1407	3.19E-3	-3.53E-4	-3.52E-4
	CC10	0.2007	2.1043	0.1182	3.00E-3	-3.10E-4	-2.75E-4
	CC11	-0.1974	1.7674	0.2285	2.53E-3	2.12E-4	-2.00E-5
	CC12	-0.2287	1.6204	0.2060	2.34E-3	2.55E-4	5.74E-5
	CC13	0.2271	-1.6340	-0.4323	-2.34E-3	-2.47E-4	-5.69E-5
	CC14	0.1958	-1.7810	-0.4548	-2.53E-3	-2.04E-4	2.05E-5
	CC15	-0.2023	-2.1179	-0.3445	-3.01E-3	3.17E-4	2.75E-4
	CC16	-0.2336	-2.2649	-0.3670	-3.20E-3	3.60E-4	3.53E-4
493	CC1	0.6381	1.2384	-0.1693	1.92E-3	-9.37E-4	-5.52E-4
	CC2	0.6290	1.1955	-0.1767	1.86E-3	-9.23E-4	-5.29E-4
	CC3	0.6421	0.2108	-0.3399	3.03E-4	-9.19E-4	-4.62E-4
	CC4	0.6330	0.1679	-0.3473	2.42E-4	-9.05E-4	-4.39E-4
	CC5	-0.6338	-0.1808	0.1223	-2.54E-4	9.19E-4	4.40E-4
	CC6	-0.6428	-0.2237	0.1149	-3.15E-4	9.33E-4	4.63E-4
	CC7	-0.6298	-1.2084	-0.0483	-1.87E-3	9.38E-4	5.30E-4
	CC8	-0.6388	-1.2513	-0.0557	-1.93E-3	9.51E-4	5.53E-4
	CC9	0.1975	1.9842	0.1394	3.11E-3	-3.22E-4	-3.33E-4
	CC10	0.1700	1.8540	0.1169	2.92E-3	-2.81E-4	-2.63E-4
	CC11	-0.1841	1.5584	0.2269	2.45E-3	2.35E-4	-3.51E-5
	CC12	-0.2115	1.4283	0.2044	2.27E-3	2.76E-4	3.48E-5
	CC13	0.2108	-1.4412	-0.4293	-2.28E-3	-2.62E-4	-3.35E-5
	CC14	0.1833	-1.5713	-0.4518	-2.47E-3	-2.20E-4	3.63E-5
	CC15	-0.1707	-1.8669	-0.3418	-2.93E-3	2.95E-4	2.64E-4
	CC16	-0.1982	-1.9971	-0.3644	-3.12E-3	3.36E-4	3.34E-4
494	CC1	0.7174	1.5687	-0.2857	1.77E-3	-7.87E-4	-6.87E-4
	CC2	0.7145	1.5149	-0.2801	1.71E-3	-7.85E-4	-6.58E-4

	CC3	0.7518	0.2692	-0.1504	2.77E-4	-8.37E-4	-5.83E-4
	CC4	0.7490	0.2154	-0.1447	2.20E-4	-8.36E-4	-5.54E-4
	CC5	-0.7497	-0.2312	-0.0767	-2.40E-4	8.52E-4	5.61E-4
	CC6	-0.7525	-0.2850	-0.0711	-2.97E-4	8.53E-4	5.90E-4
	CC7	-0.7153	-1.5307	0.0586	-1.73E-3	8.02E-4	6.66E-4
	CC8	-0.7181	-1.5845	0.0643	-1.79E-3	8.03E-4	6.95E-4
	CC9	0.1666	2.5096	-0.3761	2.86E-3	-1.56E-4	-4.01E-4
	CC10	0.1580	2.3463	-0.3591	2.69E-3	-1.52E-4	-3.13E-4
	CC11	-0.2735	1.9696	-0.3134	2.26E-3	3.36E-4	-2.66E-5
	CC12	-0.2822	1.8064	-0.2964	2.09E-3	3.40E-4	6.14E-5
	CC13	0.2814	-1.8221	0.0750	-2.11E-3	-3.24E-4	-5.35E-5
	CC14	0.2728	-1.9853	0.0920	-2.28E-3	-3.20E-4	3.45E-5
	CC15	-0.1587	-2.3621	0.1377	-2.71E-3	1.68E-4	3.21E-4
	CC16	-0.1673	-2.5253	0.1547	-2.88E-3	1.72E-4	4.09E-4
495	CC1	0.6474	1.4047	-0.2879	1.98E-3	-8.40E-4	-6.26E-4
	CC2	0.6447	1.3563	-0.2821	1.91E-3	-8.39E-4	-5.99E-4
	CC3	0.6771	0.2416	-0.1479	3.09E-4	-9.10E-4	-5.26E-4
	CC4	0.6743	0.1932	-0.1421	2.46E-4	-9.09E-4	-4.99E-4
	CC5	-0.6740	-0.2070	-0.0781	-2.70E-4	9.19E-4	5.05E-4
	CC6	-0.6767	-0.2554	-0.0723	-3.33E-4	9.20E-4	5.31E-4
	CC7	-0.6443	-1.3701	0.0619	-1.94E-3	8.48E-4	6.05E-4
	CC8	-0.6470	-1.4185	0.0677	-2.00E-3	8.50E-4	6.31E-4
	CC9	0.1531	2.2468	-0.3837	3.20E-3	-1.44E-4	-3.73E-4
	CC10	0.1448	2.1000	-0.3662	3.01E-3	-1.39E-4	-2.93E-4
	CC11	-0.2433	1.7633	-0.3208	2.53E-3	3.84E-4	-3.43E-5
	CC12	-0.2516	1.6165	-0.3032	2.33E-3	3.88E-4	4.57E-5
	CC13	0.2519	-1.6303	0.0831	-2.36E-3	-3.78E-4	-4.02E-5
	CC14	0.2437	-1.7771	0.1006	-2.55E-3	-3.74E-4	3.98E-5
	CC15	-0.1445	-2.1138	0.1460	-3.03E-3	1.49E-4	2.99E-4
	CC16	-0.1527	-2.2606	0.1636	-3.22E-3	1.54E-4	3.79E-4
496	CC1	0.5762	1.2360	-0.2861	1.92E-3	-8.36E-4	-5.64E-4
	CC2	0.5737	1.1932	-0.2803	1.86E-3	-8.34E-4	-5.40E-4
	CC3	0.6008	0.2112	-0.1464	3.07E-4	-8.85E-4	-4.67E-4
	CC4	0.5982	0.1684	-0.1406	2.46E-4	-8.82E-4	-4.43E-4
	CC5	-0.5969	-0.1801	-0.0784	-2.67E-4	8.95E-4	4.46E-4
	CC6	-0.5995	-0.2229	-0.0726	-3.29E-4	8.98E-4	4.70E-4
	CC7	-0.5724	-1.2050	0.0613	-1.88E-3	8.47E-4	5.44E-4
	CC8	-0.5750	-1.2478	0.0671	-1.94E-3	8.49E-4	5.67E-4
	CC9	0.1396	1.9796	-0.3822	3.10E-3	-1.76E-4	-3.48E-4
	CC10	0.1319	1.8497	-0.3647	2.91E-3	-1.69E-4	-2.76E-4
	CC11	-0.2123	1.5548	-0.3199	2.44E-3	3.43E-4	-4.49E-5
	CC12	-0.2201	1.4249	-0.3024	2.25E-3	3.51E-4	2.68E-5
	CC13	0.2214	-1.4366	0.0834	-2.28E-3	-3.38E-4	-2.34E-5
	CC14	0.2136	-1.5665	0.1009	-2.46E-3	-3.30E-4	4.83E-5
	CC15	-0.1306	-1.8615	0.1457	-2.93E-3	1.82E-4	2.80E-4
	CC16	-0.1384	-1.9913	0.1632	-3.12E-3	1.89E-4	3.51E-4
497	CC1	0.8705	1.7628	-0.1751	1.64E-3	-6.15E-4	-7.58E-4
	CC2	0.8582	1.7020	-0.1827	1.59E-3	-6.18E-4	-7.26E-4
	CC3	0.8719	0.3453	-0.3719	3.26E-4	-9.62E-4	-6.43E-4
	CC4	0.8595	0.2845	-0.3795	2.72E-4	-9.66E-4	-6.11E-4
	CC5	-0.8643	-0.3016	0.1540	-2.98E-4	1.02E-3	6.15E-4
	CC6	-0.8767	-0.3624	0.1463	-3.52E-4	1.01E-3	6.47E-4
	CC7	-0.8630	-1.7192	-0.0428	-1.62E-3	6.69E-4	7.30E-4
	CC8	-0.8753	-1.7799	-0.0505	-1.67E-3	6.66E-4	7.62E-4
	CC9	0.2743	2.7558	0.1775	2.56E-3	3.65E-4	-4.44E-4
	CC10	0.2369	2.5715	0.1543	2.39E-3	3.55E-4	-3.47E-4
	CC11	-0.2462	2.1364	0.2762	1.98E-3	8.54E-4	-3.20E-5
	CC12	-0.2836	1.9521	0.2530	1.81E-3	8.44E-4	6.48E-5
	CC13	0.2788	-1.9693	-0.4785	-1.84E-3	-7.94E-4	-6.11E-5
	CC14	0.2414	-2.1536	-0.5018	-2.00E-3	-8.03E-4	3.58E-5
	CC15	-0.2417	-2.5886	-0.3798	-2.42E-3	-3.04E-4	3.51E-4
	CC16	-0.2791	-2.7729	-0.4031	-2.58E-3	-3.14E-4	4.48E-4
498	CC1	0.8001	1.6605	-0.1862	1.88E-3	-9.08E-4	-6.12E-4
	CC2	0.7883	1.6026	-0.1943	1.82E-3	-8.95E-4	-5.85E-4
	CC3	0.7986	0.3646	-0.4160	3.97E-4	-8.39E-4	-5.72E-4
	CC4	0.7868	0.3067	-0.4241	3.35E-4	-8.26E-4	-5.45E-4
	CC5	-0.7894	-0.3221	0.2016	-3.58E-4	8.48E-4	5.51E-4
	CC6	-0.8011	-0.3800	0.1935	-4.20E-4	8.61E-4	5.78E-4
	CC7	-0.7908	-1.6181	-0.0282	-1.84E-3	9.17E-4	5.91E-4
	CC8	-0.8026	-1.6760	-0.0363	-1.91E-3	9.30E-4	6.18E-4
	CC9	0.2574	2.5374	0.2259	2.90E-3	-3.87E-4	-2.79E-4
	CC10	0.2217	2.3617	0.2012	2.71E-3	-3.48E-4	-1.97E-4

	CC11	-0.2194	1.9426	0.3422	2.22E-3	1.40E-4	6.96E-5
	CC12	-0.2551	1.7669	0.3175	2.04E-3	1.79E-4	1.52E-4
	CC13	0.2526	-1.7823	-0.5401	-2.06E-3	-1.57E-4	-1.46E-4
	CC14	0.2169	-1.9581	-0.5648	-2.25E-3	-1.17E-4	-6.37E-5
	CC15	-0.2242	-2.3771	-0.4237	-2.73E-3	3.70E-4	2.03E-4
	CC16	-0.2600	-2.5528	-0.4484	-2.92E-3	4.10E-4	2.85E-4
<b>499</b>	CC1	0.7248	1.4980	-0.1849	1.90E-3	-8.68E-4	-5.12E-4
	CC2	0.7141	1.4455	-0.1930	1.84E-3	-8.58E-4	-4.89E-4
	CC3	0.7234	0.3289	-0.4146	3.77E-4	-9.10E-4	-5.05E-4
	CC4	0.7126	0.2765	-0.4227	3.15E-4	-9.00E-4	-4.82E-4
	CC5	-0.7135	-0.2900	0.2007	-3.35E-4	9.17E-4	4.85E-4
	CC6	-0.7242	-0.3424	0.1926	-3.98E-4	9.26E-4	5.08E-4
	CC7	-0.7149	-1.4590	-0.0291	-1.86E-3	8.74E-4	4.92E-4
	CC8	-0.7257	-1.5115	-0.0371	-1.93E-3	8.84E-4	5.15E-4
	CC9	0.2341	2.2894	0.2263	2.97E-3	-2.04E-4	-1.94E-4
	CC10	0.2015	2.1303	0.2018	2.78E-3	-1.74E-4	-1.24E-4
	CC11	-0.1974	1.7530	0.3419	2.29E-3	3.31E-4	1.05E-4
	CC12	-0.2300	1.5939	0.3175	2.11E-3	3.61E-4	1.75E-4
	CC13	0.2292	-1.6074	-0.5395	-2.13E-3	-3.44E-4	-1.72E-4
	CC14	0.1966	-1.7665	-0.5639	-2.31E-3	-3.15E-4	-1.02E-4
	CC15	-0.2023	-2.1438	-0.4238	-2.80E-3	1.91E-4	1.27E-4
	CC16	-0.2349	-2.3029	-0.4483	-2.99E-3	2.21E-4	1.97E-4
<b>500</b>	CC1	0.6482	1.3369	-0.1828	1.85E-3	-9.77E-4	-4.53E-4
	CC2	0.6386	1.2899	-0.1908	1.79E-3	-9.61E-4	-4.33E-4
	CC3	0.6459	0.2930	-0.4128	3.91E-4	-8.99E-4	-4.50E-4
	CC4	0.6364	0.2460	-0.4208	3.31E-4	-8.82E-4	-4.30E-4
	CC5	-0.6357	-0.2577	0.1997	-3.51E-4	9.00E-4	4.28E-4
	CC6	-0.6452	-0.3047	0.1917	-4.11E-4	9.16E-4	4.48E-4
	CC7	-0.6379	-1.3016	-0.0302	-1.81E-3	9.79E-4	4.31E-4
	CC8	-0.6474	-1.3486	-0.0382	-1.87E-3	9.95E-4	4.51E-4
	CC9	0.2111	2.0446	0.2276	2.83E-3	-4.29E-4	-1.69E-4
	CC10	0.1821	1.9020	0.2032	2.65E-3	-3.79E-4	-1.08E-4
	CC11	-0.1740	1.5662	0.3423	2.18E-3	1.34E-4	9.53E-5
	CC12	-0.2030	1.4236	0.3180	1.99E-3	1.85E-4	1.56E-4
	CC13	0.2037	-1.4353	-0.5390	-2.01E-3	-1.67E-4	-1.58E-4
	CC14	0.1747	-1.5779	-0.5633	-2.20E-3	-1.16E-4	-9.74E-5
	CC15	-0.1814	-1.9137	-0.4243	-2.67E-3	3.96E-4	1.06E-4
	CC16	-0.2104	-2.0563	-0.4486	-2.85E-3	4.47E-4	1.67E-4
<b>501</b>	CC1	0.7822	1.7703	-0.3549	1.56E-3	-9.92E-4	-7.60E-4
	CC2	0.7790	1.7092	-0.3487	1.51E-3	-9.74E-4	-7.28E-4
	CC3	0.8161	0.3516	-0.2194	2.97E-4	-7.31E-4	-6.45E-4
	CC4	0.8128	0.2906	-0.2132	2.45E-4	-7.12E-4	-6.13E-4
	CC5	-0.8161	-0.3079	-0.0055	-2.59E-4	7.51E-4	6.13E-4
	CC6	-0.8194	-0.3689	0.0006	-3.11E-4	7.69E-4	6.45E-4
	CC7	-0.7823	-1.7265	0.1300	-1.53E-3	1.01E-3	7.28E-4
	CC8	-0.7856	-1.7876	0.1362	-1.58E-3	1.03E-3	7.60E-4
	CC9	0.1866	2.7601	-0.3970	2.46E-3	-7.06E-4	-4.46E-4
	CC10	0.1768	2.5749	-0.3783	2.30E-3	-6.50E-4	-3.49E-4
	CC11	-0.2929	2.1367	-0.2922	1.91E-3	-1.83E-4	-3.41E-5
	CC12	-0.3027	1.9514	-0.2735	1.76E-3	-1.27E-4	6.27E-5
	CC13	0.2994	-1.9687	0.0548	-1.77E-3	1.66E-4	-6.32E-5
	CC14	0.2896	-2.1540	0.0735	-1.93E-3	2.22E-4	3.36E-5
	CC15	-0.1801	-2.5921	0.1596	-2.32E-3	6.89E-4	3.49E-4
	CC16	-0.1900	-2.7774	0.1783	-2.47E-3	7.45E-4	4.46E-4
<b>502</b>	CC1	0.7185	1.6738	-0.4310	1.94E-3	-7.51E-4	-5.74E-4
	CC2	0.7152	1.6154	-0.4241	1.88E-3	-7.52E-4	-5.49E-4
	CC3	0.7502	0.3763	-0.2939	4.33E-4	-8.33E-4	-5.38E-4
	CC4	0.7469	0.3178	-0.2870	3.69E-4	-8.34E-4	-5.13E-4
	CC5	-0.7479	-0.3332	0.0712	-3.90E-4	8.57E-4	5.10E-4
	CC6	-0.7512	-0.3917	0.0781	-4.54E-4	8.57E-4	5.36E-4
	CC7	-0.7163	-1.6307	0.2083	-1.90E-3	7.76E-4	5.47E-4
	CC8	-0.7196	-1.6892	0.2152	-1.96E-3	7.75E-4	5.72E-4
	CC9	0.1718	2.5447	-0.4221	2.95E-3	-9.25E-5	-2.63E-4
	CC10	0.1617	2.3672	-0.4013	2.76E-3	-9.48E-5	-1.86E-4
	CC11	-0.2682	1.9426	-0.2715	2.25E-3	3.90E-4	6.28E-5
	CC12	-0.2782	1.7651	-0.2506	2.06E-3	3.88E-4	1.39E-4
	CC13	0.2772	-1.7805	0.0348	-2.08E-3	-3.64E-4	-1.42E-4
	CC14	0.2671	-1.9579	0.0557	-2.27E-3	-3.66E-4	-6.53E-5
	CC15	-0.1627	-2.3826	0.1855	-2.78E-3	1.19E-4	1.84E-4
	CC16	-0.1728	-2.5601	0.2063	-2.97E-3	1.16E-4	2.60E-4
<b>503</b>	CC1	0.6503	1.5104	-0.4312	1.86E-3	-8.37E-4	-5.56E-4
	CC2	0.6472	1.4575	-0.4244	1.80E-3	-8.32E-4	-5.32E-4

	CC3	0.6795	0.3397	-0.2953	3.55E-4	-8.51E-4	-4.94E-4
	CC4	0.6764	0.2867	-0.2884	2.94E-4	-8.46E-4	-4.70E-4
	CC5	-0.6755	-0.3002	0.0729	-3.16E-4	8.67E-4	4.67E-4
	CC6	-0.6786	-0.3532	0.0798	-3.77E-4	8.72E-4	4.91E-4
	CC7	-0.6463	-1.4710	0.2089	-1.82E-3	8.53E-4	5.29E-4
	CC8	-0.6494	-1.5239	0.2157	-1.88E-3	8.58E-4	5.53E-4
	CC9	0.1554	2.2965	-0.4204	2.92E-3	-2.30E-4	-2.95E-4
	CC10	0.1460	2.1358	-0.3996	2.73E-3	-2.15E-4	-2.22E-4
	CC11	-0.2423	1.7533	-0.2691	2.27E-3	2.81E-4	1.19E-5
	CC12	-0.2517	1.5926	-0.2483	2.08E-3	2.96E-4	8.51E-5
	CC13	0.2526	-1.6061	0.0328	-2.10E-3	-2.75E-4	-8.83E-5
	CC14	0.2432	-1.7668	0.0536	-2.29E-3	-2.60E-4	-1.51E-5
	CC15	-0.1451	-2.1493	0.1840	-2.76E-3	2.36E-4	2.19E-4
	CC16	-0.1545	-2.3100	0.2048	-2.94E-3	2.51E-4	2.92E-4
504	CC1	0.5803	1.3507	-0.4322	1.88E-3	-8.00E-4	-5.98E-4
	CC2	0.5773	1.3032	-0.4253	1.82E-3	-8.01E-4	-5.73E-4
	CC3	0.6057	0.3045	-0.2967	4.15E-4	-9.27E-4	-4.84E-4
	CC4	0.6028	0.2569	-0.2899	3.54E-4	-9.28E-4	-4.59E-4
	CC5	-0.6003	-0.2685	0.0749	-3.76E-4	9.40E-4	4.60E-4
	CC6	-0.6032	-0.3161	0.0818	-4.37E-4	9.38E-4	4.85E-4
	CC7	-0.5749	-1.3148	0.2104	-1.84E-3	8.13E-4	5.75E-4
	CC8	-0.5778	-1.3624	0.2172	-1.91E-3	8.11E-4	5.99E-4
	CC9	0.1404	2.0530	-0.4196	2.87E-3	-4.15E-5	-3.86E-4
	CC10	0.1315	1.9087	-0.3989	2.68E-3	-4.52E-5	-3.11E-4
	CC11	-0.2138	1.5673	-0.2675	2.19E-3	4.80E-4	-6.85E-5
	CC12	-0.2226	1.4229	-0.2467	2.00E-3	4.77E-4	6.19E-6
	CC13	0.2251	-1.4345	0.0318	-2.03E-3	-4.65E-4	-4.83E-6
	CC14	0.2162	-1.5789	0.0526	-2.21E-3	-4.69E-4	6.99E-5
	CC15	-0.1291	-1.9203	0.1839	-2.70E-3	5.68E-5	3.13E-4
	CC16	-0.1379	-2.0646	0.2047	-2.89E-3	5.31E-5	3.87E-4
505	CC1	0.7063	0.2705	-0.0484	2.60E-4	1.14E-28	-7.51E-4
	CC2	0.7136	0.2720	-0.0476	2.65E-4	1.14E-28	-7.19E-4
	CC3	0.7783	-0.9232	0.1584	-9.69E-4	7.17E-29	-6.36E-4
	CC4	0.7857	-0.9217	0.1593	-9.65E-4	7.17E-29	-6.04E-4
	CC5	-0.7731	0.8820	-0.3402	9.07E-4	-7.17E-29	6.23E-4
	CC6	-0.7657	0.8835	-0.3393	9.11E-4	-7.17E-29	6.54E-4
	CC7	-0.7011	-0.3117	-0.1333	-3.23E-4	-1.14E-28	7.37E-4
	CC8	-0.6937	-0.3102	-0.1325	-3.18E-4	-1.14E-28	7.69E-4
	CC9	0.0970	1.8758	-0.3927	1.92E-3	9.85E-29	-4.36E-4
	CC10	0.1193	1.8801	-0.3901	1.93E-3	9.85E-29	-3.40E-4
	CC11	-0.3468	2.0592	-0.4803	2.11E-3	4.28E-29	-2.45E-5
	CC12	-0.3245	2.0636	-0.4777	2.12E-3	4.28E-29	7.23E-5
	CC13	0.3371	-2.1033	0.2968	-2.18E-3	-4.28E-29	-5.36E-5
	CC14	0.3594	-2.0989	0.2994	-2.17E-3	-4.28E-29	4.33E-5
	CC15	-0.1068	-1.9198	0.2092	-1.99E-3	-9.85E-29	3.58E-4
	CC16	-0.0844	-1.9154	0.2118	-1.97E-3	-9.85E-29	4.55E-4
506	CC1	0.7056	0.4505	-0.0013	2.93E-4	1.64E-28	-7.50E-4
	CC2	0.7130	0.4444	0.0008	2.91E-4	1.64E-28	-7.19E-4
	CC3	0.7776	-0.7704	0.0843	-7.48E-4	1.03E-28	-6.36E-4
	CC4	0.7850	-0.7765	0.0864	-7.51E-4	1.03E-28	-6.04E-4
	CC5	-0.7738	0.7372	-0.2721	6.51E-4	-1.03E-28	6.23E-4
	CC6	-0.7664	0.7311	-0.2700	6.48E-4	-1.03E-28	6.55E-4
	CC7	-0.7018	-0.4837	-0.1865	-3.90E-4	-1.64E-28	7.38E-4
	CC8	-0.6944	-0.4898	-0.1844	-3.93E-4	-1.64E-28	7.70E-4
	CC9	0.0963	1.9814	-0.1982	1.64E-3	1.43E-28	-4.36E-4
	CC10	0.1187	1.9629	-0.1918	1.63E-3	1.43E-28	-3.39E-4
	CC11	-0.3475	2.0674	-0.2794	1.74E-3	6.24E-29	-2.44E-5
	CC12	-0.3252	2.0489	-0.2730	1.74E-3	6.24E-29	7.25E-5
	CC13	0.3364	-2.0882	0.0874	-1.83E-3	-6.24E-29	-5.34E-5
	CC14	0.3587	-2.1068	0.0937	-1.84E-3	-6.24E-29	4.34E-5
	CC15	-0.1074	-2.0022	0.0061	-1.73E-3	-1.43E-28	3.59E-4
	CC16	-0.0851	-2.0208	0.0125	-1.74E-3	-1.43E-28	4.55E-4
507	CC1	0.8223	-1.5671	0.0567	9.34E-29	-8.00E-4	-7.69E-4
	CC2	0.8156	-1.4883	0.0511	9.34E-29	-7.95E-4	-7.37E-4
	CC3	0.8439	-2.4822	0.1170	5.88E-29	-8.25E-4	-6.54E-4
	CC4	0.8373	-2.4033	0.1114	5.88E-29	-8.20E-4	-6.22E-4
	CC5	-0.8237	2.3762	-0.2888	-5.88E-29	7.84E-4	6.05E-4
	CC6	-0.8303	2.4551	-0.2944	-5.88E-29	7.90E-4	6.36E-4
	CC7	-0.8020	1.4612	-0.2285	-9.34E-29	7.59E-4	7.19E-4
	CC8	-0.8086	1.5401	-0.2342	-9.34E-29	7.64E-4	7.51E-4
	CC9	0.2277	0.8004	-0.1288	8.04E-29	-2.22E-4	-4.55E-4
	CC10	0.2075	1.0397	-0.1459	8.04E-29	-2.05E-4	-3.58E-4

	CC11	-0.2661	1.9834	-0.2324	3.47E-29	2.53E-4	-4.25E-5
	CC12	-0.2862	2.2227	-0.2495	3.47E-29	2.70E-4	5.43E-5
	CC13	0.2999	-2.2497	0.0721	-3.47E-29	-3.06E-4	-7.16E-5
	CC14	0.2798	-2.0104	0.0550	-3.47E-29	-2.89E-4	2.52E-5
	CC15	-0.1939	-1.0667	-0.0316	-8.04E-29	1.69E-4	3.40E-4
	CC16	-0.2140	-0.8274	-0.0487	-8.04E-29	1.86E-4	4.37E-4
508	CC1	0.8536	-1.5672	0.0260	5.39E-29	-8.42E-4	-7.71E-4
	CC2	0.8439	-1.4883	0.0277	5.39E-29	-8.33E-4	-7.39E-4
	CC3	0.8642	-2.4822	-0.0085	3.38E-29	-8.55E-4	-6.56E-4
	CC4	0.8545	-2.4033	-0.0067	3.38E-29	-8.46E-4	-6.24E-4
	CC5	-0.8389	2.3762	-0.1741	-3.38E-29	8.01E-4	6.02E-4
	CC6	-0.8486	2.4551	-0.1724	-3.38E-29	8.10E-4	6.34E-4
	CC7	-0.8283	1.4612	-0.2086	-5.39E-29	7.88E-4	7.17E-4
	CC8	-0.8380	1.5400	-0.2069	-5.39E-29	7.97E-4	7.49E-4
	CC9	0.2586	0.8003	-0.0056	4.67E-29	-2.60E-4	-4.57E-4
	CC10	0.2292	1.0396	-0.0004	4.67E-29	-2.34E-4	-3.60E-4
	CC11	-0.2491	1.9833	-0.0657	2.04E-29	2.33E-4	-4.46E-5
	CC12	-0.2785	2.2227	-0.0604	2.04E-29	2.59E-4	5.22E-5
	CC13	0.2941	-2.2498	-0.1205	-2.04E-29	-3.04E-4	-7.37E-5
	CC14	0.2647	-2.0105	-0.1152	-2.04E-29	-2.78E-4	2.32E-5
	CC15	-0.2136	-1.0668	-0.1805	-4.67E-29	1.89E-4	3.38E-4
	CC16	-0.2430	-0.8274	-0.1752	-4.67E-29	2.15E-4	4.35E-4
509	CC1	0.8523	1.8283	-0.2195	7.68E-4	-7.57E-4	-7.55E-4
	CC2	0.8417	1.7648	-0.2242	7.43E-4	-7.51E-4	-7.23E-4
	CC3	0.8599	0.4008	-0.3649	1.07E-4	-8.16E-4	-6.40E-4
	CC4	0.8493	0.3373	-0.3696	8.20E-5	-8.10E-4	-6.08E-4
	CC5	-0.8537	-0.3548	0.1488	-8.05E-5	8.36E-4	6.18E-4
	CC6	-0.8642	-0.4183	0.1441	-1.05E-4	8.42E-4	6.50E-4
	CC7	-0.8461	-1.7823	0.0034	-7.42E-4	7.77E-4	7.33E-4
	CC8	-0.8566	-1.8458	-0.0013	-7.66E-4	7.83E-4	7.65E-4
	CC9	0.2571	2.7941	0.0837	1.27E-3	-1.37E-4	-4.41E-4
	CC10	0.2251	2.6014	0.0696	1.19E-3	-1.18E-4	-3.44E-4
	CC11	-0.2547	2.1392	0.1942	1.01E-3	3.40E-4	-2.87E-5
	CC12	-0.2867	1.9465	0.1801	9.38E-4	3.60E-4	6.82E-5
	CC13	0.2824	-1.9640	-0.4009	-9.37E-4	-3.34E-4	-5.77E-5
	CC14	0.2504	-2.1567	-0.4151	-1.01E-3	-3.15E-4	3.91E-5
	CC15	-0.2294	-2.6189	-0.2904	-1.19E-3	1.44E-4	3.54E-4
	CC16	-0.2614	-2.8116	-0.3046	-1.27E-3	1.63E-4	4.51E-4
510	CC1	0.0254	-0.0596	-0.0206	6.59E-5	-5.82E-4	2.59E-5
	CC2	0.0250	-0.0567	-0.0237	6.29E-5	-5.74E-4	2.58E-5
	CC3	0.0275	-0.0910	0.0149	1.06E-4	-6.29E-4	3.20E-5
	CC4	0.0272	-0.0881	0.0118	1.03E-4	-6.21E-4	3.18E-5
	CC5	-0.0278	0.0881	-0.1784	-9.79E-5	6.36E-4	-3.35E-5
	CC6	-0.0282	0.0910	-0.1815	-1.01E-4	6.44E-4	-3.36E-5
	CC7	-0.0256	0.0567	-0.1429	-5.78E-5	5.89E-4	-2.75E-5
	CC8	-0.0260	0.0596	-0.1460	-6.08E-5	5.98E-4	-2.76E-5
	CC9	0.0046	0.0259	-0.1142	-3.52E-5	-1.10E-4	-1.76E-6
	CC10	0.0034	0.0345	-0.1235	-4.41E-5	-8.50E-5	-2.18E-6
	CC11	-0.0113	0.0702	-0.1615	-8.43E-5	2.56E-4	-1.96E-5
	CC12	-0.0125	0.0788	-0.1708	-9.33E-5	2.80E-4	-2.00E-5
	CC13	0.0119	-0.0788	0.0042	9.84E-5	-2.65E-4	1.83E-5
	CC14	0.0107	-0.0702	-0.0051	8.94E-5	-2.40E-4	1.79E-5
	CC15	-0.0041	-0.0345	-0.0431	4.93E-5	1.00E-4	5.17E-7
	CC16	-0.0053	-0.0259	-0.0524	4.03E-5	1.25E-4	9.65E-8
511	CC1	0.0254	-0.0600	-0.0560	-1.20E-4	-5.90E-4	-1.07E-4
	CC2	0.0252	-0.0572	-0.0572	-1.17E-4	-5.85E-4	-1.11E-4
	CC3	0.0249	-0.0917	-0.0413	-1.40E-4	-5.79E-4	-6.28E-5
	CC4	0.0247	-0.0888	-0.0425	-1.36E-4	-5.74E-4	-6.59E-5
	CC5	-0.0257	0.0887	-0.1247	1.41E-4	5.97E-4	7.50E-5
	CC6	-0.0259	0.0915	-0.1260	1.44E-4	6.02E-4	7.18E-5
	CC7	-0.0262	0.0570	-0.1100	1.21E-4	6.08E-4	1.20E-4
	CC8	-0.0264	0.0598	-0.1113	1.25E-4	6.14E-4	1.16E-4
	CC9	0.0083	0.0260	-0.0959	-9.94E-6	-1.93E-4	-9.24E-5
	CC10	0.0077	0.0347	-0.0997	1.37E-6	-1.77E-4	-1.02E-4
	CC11	-0.0070	0.0707	-0.1165	6.83E-5	1.63E-4	-3.77E-5
	CC12	-0.0076	0.0793	-0.1203	7.97E-5	1.79E-4	-4.73E-5
	CC13	0.0066	-0.0795	-0.0469	-7.54E-5	-1.56E-4	5.63E-5
	CC14	0.0060	-0.0708	-0.0507	-6.41E-5	-1.40E-4	4.67E-5
	CC15	-0.0087	-0.0349	-0.0675	2.92E-6	2.01E-4	1.11E-4
	CC16	-0.0093	-0.0262	-0.0713	1.42E-5	2.16E-4	1.01E-4
512	CC1	0.1544	-0.2732	0.0001	-4.74E-4	-7.95E-4	-1.26E-4
	CC2	0.1532	-0.2600	-0.0041	-4.51E-4	-7.93E-4	-1.21E-4



	CC3	0.1571	-0.4213	0.0504	-7.49E-4	-7.60E-4	-1.08E-4
	CC4	0.1559	-0.4081	0.0462	-7.26E-4	-7.59E-4	-1.03E-4
	CC5	-0.1591	0.4063	-0.2177	7.14E-4	7.87E-4	9.90E-5
	CC6	-0.1603	0.4194	-0.2220	7.38E-4	7.88E-4	1.04E-4
	CC7	-0.1564	0.2582	-0.1674	4.39E-4	8.21E-4	1.17E-4
	CC8	-0.1576	0.2714	-0.1717	4.63E-4	8.23E-4	1.23E-4
	CC9	0.0427	0.1239	-0.1305	2.39E-4	-2.84E-4	-7.41E-5
	CC10	0.0391	0.1639	-0.1434	3.10E-4	-2.78E-4	-5.85E-5
	CC11	-0.0514	0.3278	-0.1959	5.95E-4	1.91E-4	-6.57E-6
	CC12	-0.0550	0.3678	-0.2088	6.66E-4	1.96E-4	9.06E-6
	CC13	0.0517	-0.3696	0.0372	-6.78E-4	-1.68E-4	-1.26E-5
	CC14	0.0482	-0.3296	0.0243	-6.07E-4	-1.63E-4	2.99E-6
	CC15	-0.0423	-0.1658	-0.0281	-3.21E-4	3.06E-4	5.49E-5
	CC16	-0.0459	-0.1258	-0.0410	-2.50E-4	3.12E-4	7.05E-5
<b>513</b>	CC1	0.0853	-0.1551	-0.0102	9.50E-5	-8.04E-4	-6.79E-5
	CC2	0.0844	-0.1476	-0.0139	9.78E-5	-8.01E-4	-6.53E-5
	CC3	0.0892	-0.2380	0.0328	6.20E-5	-7.76E-4	-6.11E-5
	CC4	0.0883	-0.2306	0.0291	6.48E-5	-7.73E-4	-5.85E-5
	CC5	-0.0900	0.2300	-0.1983	-5.91E-5	7.83E-4	4.95E-5
	CC6	-0.0909	0.2375	-0.2019	-5.63E-5	7.86E-4	5.21E-5
	CC7	-0.0861	0.1470	-0.1552	-9.21E-5	8.11E-4	5.62E-5
	CC8	-0.0870	0.1545	-0.1589	-8.93E-5	8.14E-4	5.89E-5
	CC9	0.0204	0.0689	-0.1225	7.66E-5	-2.84E-4	-3.74E-5
	CC10	0.0176	0.0915	-0.1336	8.52E-5	-2.75E-4	-2.95E-5
	CC11	-0.0322	0.1845	-0.1789	3.04E-5	1.92E-4	-2.22E-6
	CC12	-0.0350	0.2071	-0.1900	3.90E-5	2.01E-4	5.74E-6
	CC13	0.0333	-0.2077	0.0209	-3.33E-5	-1.91E-4	-1.48E-5
	CC14	0.0305	-0.1851	0.0098	-2.47E-5	-1.82E-4	-6.82E-6
	CC15	-0.0193	-0.0921	-0.0355	-7.95E-5	2.85E-4	2.04E-5
	CC16	-0.0221	-0.0695	-0.0466	-7.09E-5	2.94E-4	2.84E-5
<b>514</b>	CC1	0.0883	-0.1565	-0.0658	-2.60E-4	-8.56E-4	6.24E-5
	CC2	0.0875	-0.1490	-0.0666	-2.48E-4	-8.46E-4	5.98E-5
	CC3	0.0874	-0.2403	-0.0564	-3.76E-4	-8.86E-4	1.25E-4
	CC4	0.0866	-0.2328	-0.0572	-3.63E-4	-8.75E-4	1.23E-4
	CC5	-0.0892	0.2320	-0.1132	3.62E-4	8.87E-4	-9.53E-5
	CC6	-0.0900	0.2395	-0.1139	3.74E-4	8.97E-4	-9.79E-5
	CC7	-0.0900	0.1482	-0.1037	2.46E-4	8.58E-4	-3.24E-5
	CC8	-0.0909	0.1557	-0.1045	2.59E-4	8.68E-4	-3.50E-5
	CC9	0.0281	0.0695	-0.0926	7.97E-5	-2.23E-4	-6.36E-5
	CC10	0.0255	0.0923	-0.0949	1.18E-4	-1.91E-4	-7.14E-5
	CC11	-0.0251	0.1861	-0.1068	2.66E-4	3.00E-4	-1.11E-4
	CC12	-0.0278	0.2089	-0.1092	3.04E-4	3.32E-4	-1.19E-4
	CC13	0.0252	-0.2097	-0.0612	-3.06E-4	-3.20E-4	1.46E-4
	CC14	0.0226	-0.1869	-0.0635	-2.68E-4	-2.88E-4	1.38E-4
	CC15	-0.0281	-0.0932	-0.0754	-1.19E-4	2.03E-4	9.88E-5
	CC16	-0.0307	-0.0704	-0.0777	-8.09E-5	2.35E-4	9.10E-5
<b>515</b>	CC1	0.1622	-0.2750	-0.0750	-4.16E-4	-8.22E-4	-7.23E-5
	CC2	0.1605	-0.2618	-0.0752	-3.95E-4	-8.12E-4	-6.88E-5
	CC3	0.1604	-0.4242	-0.0716	-6.72E-4	-8.34E-4	-4.00E-5
	CC4	0.1587	-0.4109	-0.0718	-6.51E-4	-8.24E-4	-3.66E-5
	CC5	-0.1630	0.4089	-0.1014	6.55E-4	8.54E-4	6.57E-5
	CC6	-0.1647	0.4222	-0.1016	6.76E-4	8.64E-4	6.92E-5
	CC7	-0.1648	0.2597	-0.0981	3.99E-4	8.42E-4	9.79E-5
	CC8	-0.1665	0.2730	-0.0983	4.20E-4	8.52E-4	1.01E-4
	CC9	0.0521	0.1248	-0.0879	2.36E-4	-2.31E-4	-6.51E-5
	CC10	0.0470	0.1651	-0.0885	3.00E-4	-2.02E-4	-5.45E-5
	CC11	-0.0454	0.3300	-0.0958	5.57E-4	2.72E-4	-2.37E-5
	CC12	-0.0505	0.3703	-0.0964	6.21E-4	3.01E-4	-1.32E-5
	CC13	0.0462	-0.3723	-0.0768	-6.17E-4	-2.71E-4	4.23E-5
	CC14	0.0411	-0.3320	-0.0774	-5.53E-4	-2.42E-4	5.28E-5
	CC15	-0.0513	-0.1671	-0.0847	-2.96E-4	2.32E-4	8.37E-5
	CC16	-0.0565	-0.1268	-0.0854	-2.31E-4	2.61E-4	9.42E-5
<b>516</b>	CC1	0.0345	-0.0778	-0.0247	-1.14E-3	-1.31E-4	-5.94E-4
	CC2	0.0343	-0.0742	-0.0231	-1.08E-3	-1.24E-4	-5.66E-4
	CC3	0.0304	-0.1151	-0.0456	-1.70E-3	-2.05E-4	-8.20E-4
	CC4	0.0302	-0.1115	-0.0441	-1.65E-3	-1.98E-4	-7.92E-4
	CC5	-0.0326	0.1109	-0.1252	1.64E-3	1.99E-4	7.91E-4
	CC6	-0.0328	0.1145	-0.1237	1.70E-3	2.06E-4	8.18E-4
	CC7	-0.0367	0.0735	-0.1462	1.08E-3	1.25E-4	5.65E-4
	CC8	-0.0369	0.0772	-0.1446	1.13E-3	1.32E-4	5.92E-4
	CC9	0.0161	0.0280	-0.0369	4.39E-4	6.45E-5	1.27E-4
	CC10	0.0154	0.0391	-0.0323	6.04E-4	8.40E-5	2.10E-4

	CC11	-0.0041	0.0846	-0.0671	1.27E-3	1.63E-4	5.42E-4
	CC12	-0.0048	0.0958	-0.0625	1.44E-3	1.83E-4	6.25E-4
	CC13	0.0024	-0.0964	-0.1068	-1.45E-3	-1.82E-4	-6.27E-4
	CC14	0.0017	-0.0852	-0.1022	-1.28E-3	-1.63E-4	-5.44E-4
	CC15	-0.0177	-0.0398	-0.1370	-6.11E-4	-8.31E-5	-2.11E-4
	CC16	-0.0184	-0.0286	-0.1324	-4.46E-4	-6.36E-5	-1.28E-4
517	CC1	0.0920	-0.1845	0.0193	-1.29E-3	-2.71E-4	-4.29E-4
	CC2	0.0910	-0.1758	0.0223	-1.23E-3	-2.57E-4	-4.10E-4
	CC3	0.0876	-0.2775	-0.0207	-1.97E-3	-4.19E-4	-5.57E-4
	CC4	0.0866	-0.2687	-0.0176	-1.90E-3	-4.05E-4	-5.37E-4
	CC5	-0.0911	0.2672	-0.1548	1.90E-3	4.07E-4	5.30E-4
	CC6	-0.0922	0.2760	-0.1518	1.96E-3	4.20E-4	5.49E-4
	CC7	-0.0955	0.1743	-0.1948	1.22E-3	2.59E-4	4.02E-4
	CC8	-0.0965	0.1831	-0.1917	1.29E-3	2.72E-4	4.21E-4
	CC9	0.0341	0.0730	0.0018	5.44E-4	1.26E-4	3.59E-5
	CC10	0.0309	0.0997	0.0111	7.35E-4	1.66E-4	9.46E-5
	CC11	-0.0208	0.2085	-0.0504	1.50E-3	3.29E-4	3.24E-4
	CC12	-0.0240	0.2352	-0.0411	1.69E-3	3.69E-4	3.82E-4
	CC13	0.0195	-0.2367	-0.1314	-1.70E-3	-3.68E-4	-3.90E-4
	CC14	0.0163	-0.2100	-0.1221	-1.51E-3	-3.28E-4	-3.31E-4
	CC15	-0.0354	-0.1012	-0.1836	-7.40E-4	-1.64E-4	-1.02E-4
	CC16	-0.0386	-0.0745	-0.1743	-5.50E-4	-1.24E-4	-4.36E-5
518	CC1	0.1636	-0.3005	0.0573	-1.35E-3	-2.54E-4	-2.08E-4
	CC2	0.1615	-0.2861	0.0617	-1.28E-3	-2.42E-4	-2.00E-4
	CC3	0.1597	-0.4557	0.0010	-2.06E-3	-3.95E-4	-2.07E-4
	CC4	0.1575	-0.4413	0.0054	-1.99E-3	-3.83E-4	-1.98E-4
	CC5	-0.1634	0.4387	-0.1805	1.98E-3	3.80E-4	1.83E-4
	CC6	-0.1655	0.4532	-0.1762	2.04E-3	3.92E-4	1.92E-4
	CC7	-0.1674	0.2835	-0.2368	1.27E-3	2.39E-4	1.85E-4
	CC8	-0.1695	0.2979	-0.2325	1.33E-3	2.51E-4	1.93E-4
	CC9	0.0560	0.1247	0.0354	5.75E-4	1.20E-4	-8.18E-5
	CC10	0.0495	0.1685	0.0486	7.75E-4	1.58E-4	-5.60E-5
	CC11	-0.0422	0.3464	-0.0360	1.57E-3	3.10E-4	3.57E-5
	CC12	-0.0486	0.3902	-0.0228	1.77E-3	3.48E-4	6.15E-5
	CC13	0.0427	-0.3928	-0.1524	-1.79E-3	-3.51E-4	-7.65E-5
	CC14	0.0363	-0.3490	-0.1391	-1.59E-3	-3.13E-4	-5.07E-5
	CC15	-0.0554	-0.1710	-0.2237	-7.90E-4	-1.61E-4	4.10E-5
	CC16	-0.0618	-0.1272	-0.2105	-5.90E-4	-1.23E-4	6.68E-5
519	CC1	0.0319	-0.0775	0.0307	-1.12E-3	-1.27E-4	-6.23E-4
	CC2	0.0314	-0.0739	0.0251	-1.07E-3	-1.21E-4	-5.94E-4
	CC3	0.0365	-0.1147	0.0934	-1.69E-3	-2.02E-4	-8.70E-4
	CC4	0.0360	-0.1111	0.0878	-1.64E-3	-1.96E-4	-8.42E-4
	CC5	-0.0373	0.1108	-0.2547	1.64E-3	1.94E-4	8.39E-4
	CC6	-0.0378	0.1145	-0.2603	1.69E-3	2.01E-4	8.67E-4
	CC7	-0.0327	0.0736	-0.1920	1.07E-3	1.20E-4	5.91E-4
	CC8	-0.0332	0.0773	-0.1976	1.12E-3	1.26E-4	6.20E-4
	CC9	0.0027	0.0281	-0.1365	4.51E-4	6.65E-5	1.49E-4
	CC10	0.0012	0.0392	-0.1536	6.14E-4	8.53E-5	2.36E-4
	CC11	-0.0181	0.0846	-0.2221	1.28E-3	1.63E-4	5.87E-4
	CC12	-0.0195	0.0957	-0.2392	1.44E-3	1.82E-4	6.74E-4
	CC13	0.0182	-0.0959	0.0723	-1.44E-3	-1.83E-4	-6.77E-4
	CC14	0.0168	-0.0848	0.0552	-1.28E-3	-1.64E-4	-5.90E-4
	CC15	-0.0025	-0.0394	-0.0133	-6.15E-4	-8.64E-5	-2.39E-4
	CC16	-0.0040	-0.0283	-0.0304	-4.52E-4	-6.76E-5	-1.52E-4
520	CC1	0.0830	-0.1823	0.0618	-1.23E-3	-2.49E-4	-4.80E-4
	CC2	0.0822	-0.1736	0.0546	-1.17E-3	-2.37E-4	-4.58E-4
	CC3	0.0891	-0.2739	0.1434	-1.88E-3	-3.89E-4	-6.40E-4
	CC4	0.0883	-0.2652	0.1362	-1.82E-3	-3.77E-4	-6.18E-4
	CC5	-0.0909	0.2644	-0.3048	1.81E-3	3.75E-4	6.09E-4
	CC6	-0.0916	0.2731	-0.3121	1.87E-3	3.87E-4	6.31E-4
	CC7	-0.0848	0.1728	-0.2232	1.16E-3	2.36E-4	4.50E-4
	CC8	-0.0855	0.1815	-0.2305	1.22E-3	2.48E-4	4.72E-4
	CC9	0.0158	0.0722	-0.1543	5.36E-4	1.19E-4	6.48E-5
	CC10	0.0135	0.0986	-0.1763	7.16E-4	1.56E-4	1.31E-4
	CC11	-0.0364	0.2062	-0.2643	1.45E-3	3.07E-4	3.92E-4
	CC12	-0.0386	0.2326	-0.2863	1.63E-3	3.43E-4	4.58E-4
	CC13	0.0361	-0.2334	0.1177	-1.64E-3	-3.45E-4	-4.66E-4
	CC14	0.0338	-0.2070	0.0956	-1.46E-3	-3.08E-4	-4.00E-4
	CC15	-0.0161	-0.0994	0.0077	-7.25E-4	-1.57E-4	-1.40E-4
	CC16	-0.0183	-0.0730	-0.0144	-5.44E-4	-1.21E-4	-7.30E-5
521	CC1	0.1472	-0.2967	0.0890	-1.32E-3	-2.56E-4	-2.77E-4
	CC2	0.1463	-0.2824	0.0803	-1.25E-3	-2.44E-4	-2.65E-4

	CC3	0.1528	-0.4498	0.1878	-2.03E-3	-4.03E-4	-3.18E-4
	CC4	0.1520	-0.4355	0.1791	-1.96E-3	-3.91E-4	-3.05E-4
	CC5	-0.1554	0.4335	-0.3492	1.94E-3	3.87E-4	2.96E-4
	CC6	-0.1562	0.4477	-0.3579	2.01E-3	3.99E-4	3.08E-4
	CC7	-0.1498	0.2804	-0.2503	1.24E-3	2.39E-4	2.55E-4
	CC8	-0.1506	0.2946	-0.2590	1.30E-3	2.52E-4	2.67E-4
	CC9	0.0355	0.1230	-0.1709	5.87E-4	1.28E-4	-4.18E-5
	CC10	0.0330	0.1662	-0.1972	7.82E-4	1.66E-4	-4.68E-6
	CC11	-0.0552	0.3420	-0.3023	1.57E-3	3.21E-4	1.30E-4
	CC12	-0.0578	0.3852	-0.3287	1.76E-3	3.59E-4	1.67E-4
	CC13	0.0543	-0.3873	0.1586	-1.78E-3	-3.63E-4	-1.77E-4
	CC14	0.0518	-0.3441	0.1323	-1.58E-3	-3.25E-4	-1.40E-4
	CC15	-0.0364	-0.1682	0.0272	-7.99E-4	-1.70E-4	-4.99E-6
	CC16	-0.0390	-0.1250	0.0008	-6.03E-4	-1.32E-4	3.21E-5
522	CC1	0.1824	-0.0221	-0.0139	-1.17E-4	5.36E-29	-1.36E-4
	CC2	0.1801	-0.0197	-0.0142	-1.02E-4	5.36E-29	-1.30E-4
	CC3	0.1798	-0.1865	-0.0294	-1.19E-3	3.36E-29	-1.39E-4
	CC4	0.1774	-0.1841	-0.0298	-1.17E-3	3.36E-29	-1.33E-4
	CC5	-0.1778	0.1821	-0.1705	1.15E-3	-3.36E-29	1.35E-4
	CC6	-0.1802	0.1845	-0.1708	1.17E-3	-3.36E-29	1.41E-4
	CC7	-0.1805	0.0176	-0.1860	7.85E-5	-5.36E-29	1.31E-4
	CC8	-0.1829	0.0200	-0.1864	9.34E-5	-5.36E-29	1.37E-4
	CC9	0.0618	0.2387	-0.0502	1.56E-3	4.64E-29	-4.23E-5
	CC10	0.0546	0.2461	-0.0512	1.61E-3	4.64E-29	-2.40E-5
	CC11	-0.0462	0.3000	-0.0971	1.94E-3	2.03E-29	3.89E-5
	CC12	-0.0535	0.3073	-0.0982	1.99E-3	2.03E-29	5.73E-5
	CC13	0.0531	-0.3094	-0.1021	-2.01E-3	-2.03E-29	-5.53E-5
	CC14	0.0458	-0.3020	-0.1031	-1.97E-3	-2.03E-29	-3.70E-5
	CC15	-0.0550	-0.2481	-0.1490	-1.63E-3	-4.64E-29	2.59E-5
	CC16	-0.0622	-0.2408	-0.1501	-1.59E-3	-4.64E-29	4.43E-5
523	CC1	0.1027	-0.0117	-0.0313	-1.35E-4	2.07E-28	-9.77E-5
	CC2	0.1014	-0.0105	-0.0314	-1.21E-4	2.07E-28	-9.32E-5
	CC3	0.1011	-0.0920	-0.0462	-9.87E-4	1.30E-28	-1.17E-4
	CC4	0.0998	-0.0908	-0.0463	-9.74E-4	1.30E-28	-1.12E-4
	CC5	-0.0997	0.0901	-0.1502	9.64E-4	-1.30E-28	1.13E-4
	CC6	-0.1010	0.0913	-0.1504	9.77E-4	-1.30E-28	1.18E-4
	CC7	-0.1012	0.0098	-0.1651	1.12E-4	-2.07E-28	9.41E-5
	CC8	-0.1025	0.0110	-0.1652	1.25E-4	-2.07E-28	9.86E-5
	CC9	0.0350	0.1165	-0.0555	1.23E-3	1.78E-28	-6.21E-6
	CC10	0.0310	0.1201	-0.0558	1.27E-3	1.78E-28	7.41E-6
	CC11	-0.0257	0.1470	-0.0912	1.56E-3	7.71E-29	5.70E-5
	CC12	-0.0297	0.1507	-0.0915	1.60E-3	7.71E-29	7.06E-5
	CC13	0.0299	-0.1513	-0.1050	-1.61E-3	-7.71E-29	-6.97E-5
	CC14	0.0258	-0.1476	-0.1054	-1.57E-3	-7.71E-29	-5.61E-5
	CC15	-0.0309	-0.1208	-0.1407	-1.28E-3	-1.78E-28	-6.51E-6
	CC16	-0.0349	-0.1171	-0.1410	-1.24E-3	-1.78E-28	7.11E-6
524	CC1	0.0323	-0.0026	-0.0313	-8.25E-5	6.72E-29	-5.15E-5
	CC2	0.0319	-0.0024	-0.0314	-7.48E-5	6.72E-29	-4.89E-5
	CC3	0.0318	-0.0241	-0.0457	-5.73E-4	4.22E-29	-8.64E-5
	CC4	0.0314	-0.0238	-0.0458	-5.65E-4	4.22E-29	-8.38E-5
	CC5	-0.0309	0.0237	-0.1468	5.62E-4	-4.22E-29	8.43E-5
	CC6	-0.0314	0.0240	-0.1469	5.70E-4	-4.22E-29	8.68E-5
	CC7	-0.0314	0.0022	-0.1612	7.22E-5	-6.72E-29	4.94E-5
	CC8	-0.0318	0.0025	-0.1613	8.00E-5	-6.72E-29	5.19E-5
	CC9	0.0112	0.0312	-0.0549	7.07E-4	5.82E-29	3.42E-5
	CC10	0.0099	0.0321	-0.0552	7.31E-4	5.82E-29	4.19E-5
	CC11	-0.0078	0.0391	-0.0896	9.01E-4	2.54E-29	7.49E-5
	CC12	-0.0091	0.0400	-0.0898	9.24E-4	2.54E-29	8.27E-5
	CC13	0.0095	-0.0401	-0.1028	-9.27E-4	-2.54E-29	-8.22E-5
	CC14	0.0083	-0.0392	-0.1030	-9.03E-4	-2.54E-29	-7.44E-5
	CC15	-0.0094	-0.0323	-0.1374	-7.33E-4	-5.82E-29	-4.15E-5
	CC16	-0.0107	-0.0314	-0.1377	-7.10E-4	-5.82E-29	-3.37E-5
525	CC1	0.0448	-0.0033	0.0271	-5.78E-5	3.76E-3	-2.94E-5
	CC2	0.0442	-0.0030	0.0262	-5.13E-5	3.76E-3	-2.86E-5
	CC3	0.0439	-0.0238	0.0120	-5.34E-4	2.37E-3	1.84E-5
	CC4	0.0433	-0.0235	0.0111	-5.28E-4	2.37E-3	1.91E-5
	CC5	-0.0444	0.0233	-0.2038	5.23E-4	-2.37E-3	-1.82E-5
	CC6	-0.0450	0.0236	-0.2047	5.29E-4	-2.37E-3	-1.75E-5
	CC7	-0.0453	0.0028	-0.2189	4.63E-5	-3.76E-3	2.95E-5
	CC8	-0.0459	0.0031	-0.2198	5.28E-5	-3.76E-3	3.03E-5
	CC9	0.0152	0.0297	-0.0352	6.95E-4	3.25E-3	-8.19E-5
	CC10	0.0135	0.0307	-0.0379	7.15E-4	3.25E-3	-7.97E-5

	CC11	-0.0115	0.0377	-0.1045	8.69E-4	1.41E-3	-7.86E-5
	CC12	-0.0133	0.0386	-0.1071	8.89E-4	1.41E-3	-7.64E-5
	CC13	0.0122	-0.0388	-0.0855	-8.94E-4	-1.41E-3	7.72E-5
	CC14	0.0104	-0.0379	-0.0882	-8.74E-4	-1.41E-3	7.95E-5
	CC15	-0.0146	-0.0309	-0.1548	-7.20E-4	-3.25E-3	8.06E-5
	CC16	-0.0163	-0.0299	-0.1575	-7.00E-4	-3.25E-3	8.28E-5
526	CC1	0.1052	-0.0079	0.0585	-3.19E-5	5.80E-29	-7.73E-5
	CC2	0.1038	-0.0069	0.0572	-2.30E-5	5.80E-29	-7.44E-5
	CC3	0.1033	-0.0871	0.0427	-8.93E-4	3.66E-29	-2.69E-5
	CC4	0.1019	-0.0860	0.0414	-8.84E-4	3.66E-29	-2.41E-5
	CC5	-0.1036	0.0851	-0.2374	8.70E-4	-3.66E-29	2.56E-5
	CC6	-0.1049	0.0861	-0.2387	8.79E-4	-3.66E-29	2.85E-5
	CC7	-0.1054	0.0059	-0.2532	9.51E-6	-5.80E-29	7.60E-5
	CC8	-0.1068	0.0069	-0.2546	1.84E-5	-5.80E-29	7.88E-5
	CC9	0.0357	0.1160	-0.0252	1.28E-3	4.98E-29	-1.03E-4
	CC10	0.0315	0.1191	-0.0292	1.31E-3	4.98E-29	-9.42E-5
	CC11	-0.0269	0.1439	-0.1140	1.55E-3	2.14E-29	-7.20E-5
	CC12	-0.0311	0.1470	-0.1180	1.58E-3	2.14E-29	-6.33E-5
	CC13	0.0295	-0.1479	-0.0780	-1.59E-3	-2.14E-29	6.49E-5
	CC14	0.0253	-0.1449	-0.0820	-1.56E-3	-2.14E-29	7.36E-5
	CC15	-0.0332	-0.1201	-0.1668	-1.32E-3	-4.98E-29	9.57E-5
	CC16	-0.0373	-0.1170	-0.1708	-1.29E-3	-4.98E-29	1.04E-4
527	CC1	0.1763	-0.0087	0.0730	2.73E-5	6.04E-31	-1.34E-4
	CC2	0.1740	-0.0069	0.0715	3.62E-5	6.04E-31	-1.28E-4
	CC3	0.1736	-0.1736	0.0566	-1.07E-3	3.80E-31	-9.68E-5
	CC4	0.1713	-0.1718	0.0551	-1.06E-3	3.80E-31	-9.14E-5
	CC5	-0.1732	0.1692	-0.2542	1.04E-3	-3.80E-31	9.39E-5
	CC6	-0.1755	0.1711	-0.2557	1.05E-3	-3.80E-31	9.93E-5
	CC7	-0.1759	0.0043	-0.2706	-5.97E-5	-6.04E-31	1.31E-4
	CC8	-0.1782	0.0062	-0.2721	-5.08E-5	-6.04E-31	1.36E-4
	CC9	0.0595	0.2441	-0.0208	1.66E-3	5.22E-31	-1.03E-4
	CC10	0.0525	0.2496	-0.0255	1.68E-3	5.22E-31	-8.59E-5
	CC11	-0.0453	0.2975	-0.1189	1.96E-3	2.27E-31	-3.43E-5
	CC12	-0.0523	0.3030	-0.1236	1.99E-3	2.27E-31	-1.77E-5
	CC13	0.0505	-0.3056	-0.0755	-2.01E-3	-2.27E-31	2.02E-5
	CC14	0.0435	-0.3000	-0.0802	-1.98E-3	-2.27E-31	3.68E-5
	CC15	-0.0544	-0.2522	-0.1736	-1.71E-3	-5.22E-31	8.84E-5
	CC16	-0.0614	-0.2467	-0.1783	-1.68E-3	-5.22E-31	1.05E-4
528	CC1	0.2227	-0.0307	0.0216	-6.00E-5	1.03E-28	-1.75E-4
	CC2	0.2197	-0.0273	0.0207	-4.68E-5	1.03E-28	-1.67E-4
	CC3	0.2196	-0.2592	0.0055	-1.20E-3	6.51E-29	-1.58E-4
	CC4	0.2167	-0.2558	0.0047	-1.18E-3	6.51E-29	-1.51E-4
	CC5	-0.2181	0.2522	-0.2077	1.15E-3	-6.51E-29	1.54E-4
	CC6	-0.2211	0.2556	-0.2085	1.16E-3	-6.51E-29	1.62E-4
	CC7	-0.2212	0.0237	-0.2237	1.40E-5	-1.03E-28	1.70E-4
	CC8	-0.2241	0.0271	-0.2246	2.72E-5	-1.03E-28	1.78E-4
	CC9	0.0749	0.3314	-0.0390	1.68E-3	8.91E-29	-8.58E-5
	CC10	0.0661	0.3417	-0.0416	1.72E-3	8.91E-29	-6.30E-5
	CC11	-0.0573	0.4163	-0.1078	2.04E-3	3.85E-29	1.27E-5
	CC12	-0.0662	0.4266	-0.1104	2.08E-3	3.85E-29	3.56E-5
	CC13	0.0647	-0.4302	-0.0926	-2.11E-3	-3.85E-29	-3.24E-5
	CC14	0.0559	-0.4199	-0.0952	-2.07E-3	-3.85E-29	-9.61E-6
	CC15	-0.0675	-0.3453	-0.1614	-1.75E-3	-8.91E-29	6.62E-5
	CC16	-0.0764	-0.3351	-0.1640	-1.71E-3	-8.91E-29	8.90E-5
529	CC1	0.0397	-0.0009	-0.0156	-1.51E-5	1.40E-28	-2.27E-5
	CC2	0.0392	-0.0007	-0.0159	-1.02E-5	1.40E-28	-2.18E-5
	CC3	0.0389	-0.0236	-0.0305	-5.17E-4	8.81E-29	-2.10E-5
	CC4	0.0384	-0.0234	-0.0308	-5.12E-4	8.81E-29	-2.00E-5
	CC5	-0.0390	0.0231	-0.1616	5.07E-4	-8.81E-29	2.01E-5
	CC6	-0.0395	0.0234	-0.1619	5.12E-4	-8.81E-29	2.11E-5
	CC7	-0.0398	0.0005	-0.1764	4.60E-6	-1.40E-28	2.19E-5
	CC8	-0.0403	0.0007	-0.1767	9.48E-6	-1.40E-28	2.29E-5
	CC9	0.0136	0.0337	-0.0491	7.49E-4	1.21E-28	-1.07E-5
	CC10	0.0121	0.0344	-0.0500	7.63E-4	1.21E-28	-7.82E-6
	CC11	-0.0100	0.0409	-0.0929	9.05E-4	5.22E-29	2.12E-6
	CC12	-0.0116	0.0416	-0.0938	9.20E-4	5.22E-29	5.04E-6
	CC13	0.0110	-0.0419	-0.0986	-9.26E-4	-5.22E-29	-4.92E-6
	CC14	0.0094	-0.0412	-0.0995	-9.11E-4	-5.22E-29	-1.99E-6
	CC15	-0.0126	-0.0346	-0.1423	-7.69E-4	-1.21E-28	7.95E-6
	CC16	-0.0142	-0.0339	-0.1432	-7.54E-4	-1.21E-28	1.09E-5
530	CC1	0.1011	-0.0007	0.0014	2.24E-5	4.59E-29	-7.13E-5
	CC2	0.0998	0.0001	0.0009	2.89E-5	4.59E-29	-6.83E-5

	CC3	0.0993	-0.0829	-0.0142	-8.38E-4	2.89E-29	-6.02E-5
	CC4	0.0980	-0.0822	-0.0148	-8.32E-4	2.89E-29	-5.72E-5
	CC5	-0.0992	0.0811	-0.1809	8.18E-4	-2.89E-29	5.75E-5
	CC6	-0.1005	0.0818	-0.1815	8.24E-4	-2.89E-29	6.05E-5
	CC7	-0.1010	-0.0011	-0.1966	-4.27E-5	-4.59E-29	6.87E-5
	CC8	-0.1023	-0.0004	-0.1972	-3.61E-5	-4.59E-29	7.17E-5
	CC9	0.0344	0.1231	-0.0436	1.30E-3	3.96E-29	-4.23E-5
	CC10	0.0304	0.1253	-0.0452	1.32E-3	3.96E-29	-3.32E-5
	CC11	-0.0257	0.1476	-0.0983	1.54E-3	1.72E-29	-3.68E-6
	CC12	-0.0297	0.1499	-0.1000	1.56E-3	1.72E-29	5.42E-6
	CC13	0.0285	-0.1509	-0.0957	-1.57E-3	-1.72E-29	-5.09E-6
	CC14	0.0245	-0.1487	-0.0974	-1.55E-3	-1.72E-29	4.01E-6
	CC15	-0.0316	-0.1264	-0.1505	-1.33E-3	-3.96E-29	3.36E-5
	CC16	-0.0356	-0.1242	-0.1521	-1.31E-3	-3.96E-29	4.26E-5
531	CC1	0.1726	0.0038	0.0151	8.07E-5	1.28E-28	-1.29E-4
	CC2	0.1703	0.0051	0.0143	8.71E-5	1.28E-28	-1.23E-4
	CC3	0.1699	-0.1635	-0.0013	-1.01E-3	8.07E-29	-1.13E-4
	CC4	0.1676	-0.1622	-0.0021	-1.00E-3	8.07E-29	-1.08E-4
	CC5	-0.1691	0.1595	-0.1968	9.81E-4	-8.07E-29	1.08E-4
	CC6	-0.1713	0.1608	-0.1975	9.87E-4	-8.07E-29	1.14E-4
	CC7	-0.1717	-0.0079	-0.2132	-1.12E-4	-1.28E-28	1.24E-4
	CC8	-0.1740	-0.0066	-0.2139	-1.05E-4	-1.28E-28	1.29E-4
	CC9	0.0584	0.2522	-0.0392	1.66E-3	1.11E-28	-6.96E-5
	CC10	0.0515	0.2562	-0.0415	1.68E-3	1.11E-28	-5.30E-5
	CC11	-0.0441	0.2989	-0.1027	1.93E-3	4.80E-29	1.43E-6
	CC12	-0.0510	0.3029	-0.1050	1.95E-3	4.80E-29	1.81E-5
	CC13	0.0495	-0.3056	-0.0938	-1.98E-3	-4.80E-29	-1.75E-5
	CC14	0.0427	-0.3017	-0.0961	-1.96E-3	-4.80E-29	-8.98E-7
	CC15	-0.0530	-0.2589	-0.1574	-1.71E-3	-1.11E-28	5.35E-5
	CC16	-0.0598	-0.2550	-0.1597	-1.69E-3	-1.11E-28	7.02E-5
532	CC1	0.1662	0.1210	-0.1498	7.46E-4	3.04E-6	-1.26E-4
	CC2	0.1640	0.1203	-0.1484	7.40E-4	2.99E-6	-1.21E-4
	CC3	0.1638	-0.0498	-0.1653	-3.81E-4	-5.53E-6	-1.12E-4
	CC4	0.1616	-0.0505	-0.1639	-3.87E-4	-5.59E-6	-1.07E-4
	CC5	-0.1621	0.0484	-0.0360	3.65E-4	5.39E-6	1.01E-4
	CC6	-0.1642	0.0478	-0.0347	3.60E-4	5.34E-6	1.06E-4
	CC7	-0.1645	-0.1224	-0.0516	-7.62E-4	-3.19E-6	1.15E-4
	CC8	-0.1667	-0.1230	-0.0502	-7.68E-4	-3.24E-6	1.20E-4
	CC9	0.0563	0.2955	-0.0933	1.93E-3	1.39E-5	-6.91E-5
	CC10	0.0498	0.2935	-0.0891	1.92E-3	1.38E-5	-5.33E-5
	CC11	-0.0421	0.2737	-0.0592	1.82E-3	1.46E-5	-1.02E-6
	CC12	-0.0487	0.2718	-0.0549	1.80E-3	1.45E-5	1.48E-5
	CC13	0.0482	-0.2738	-0.1450	-1.82E-3	-1.47E-5	-2.09E-5
	CC14	0.0416	-0.2757	-0.1407	-1.84E-3	-1.48E-5	-5.06E-6
	CC15	-0.0503	-0.2956	-0.1109	-1.94E-3	-1.40E-5	4.72E-5
	CC16	-0.0568	-0.2975	-0.1066	-1.96E-3	-1.41E-5	6.30E-5
533	CC1	0.0971	0.0613	-0.1336	6.24E-4	4.45E-6	-6.11E-5
	CC2	0.0959	0.0611	-0.1324	6.21E-4	4.40E-6	-5.86E-5
	CC3	0.0955	-0.0220	-0.1484	-2.59E-4	-2.41E-6	-5.45E-5
	CC4	0.0943	-0.0223	-0.1473	-2.63E-4	-2.46E-6	-5.20E-5
	CC5	-0.0946	0.0216	-0.0491	2.52E-4	2.39E-6	4.84E-5
	CC6	-0.0959	0.0214	-0.0479	2.49E-4	2.35E-6	5.09E-5
	CC7	-0.0962	-0.0618	-0.0639	-6.31E-4	-4.47E-6	5.50E-5
	CC8	-0.0975	-0.0620	-0.0627	-6.35E-4	-4.51E-6	5.75E-5
	CC9	0.0331	0.1450	-0.0879	1.53E-3	1.18E-5	-3.31E-5
	CC10	0.0293	0.1442	-0.0843	1.52E-3	1.16E-5	-2.55E-5
	CC11	-0.0244	0.1331	-0.0625	1.42E-3	1.12E-5	-2.03E-7
	CC12	-0.0282	0.1323	-0.0590	1.41E-3	1.10E-5	7.39E-6
	CC13	0.0278	-0.1330	-0.1374	-1.42E-3	-1.11E-5	-1.10E-5
	CC14	0.0240	-0.1337	-0.1338	-1.43E-3	-1.12E-5	-3.36E-6
	CC15	-0.0297	-0.1449	-0.1120	-1.53E-3	-1.17E-5	2.19E-5
	CC16	-0.0335	-0.1457	-0.1084	-1.54E-3	-1.18E-5	2.95E-5
534	CC1	0.0395	0.0172	-0.1191	3.89E-4	3.15E-6	-1.29E-5
	CC2	0.0390	0.0172	-0.1182	3.87E-4	3.13E-6	-1.24E-5
	CC3	0.0388	-0.0053	-0.1333	-1.26E-4	-1.31E-6	-8.86E-6
	CC4	0.0383	-0.0054	-0.1323	-1.27E-4	-1.33E-6	-8.36E-6
	CC5	-0.0384	0.0053	-0.0603	1.24E-4	1.31E-6	7.36E-6
	CC6	-0.0389	0.0052	-0.0594	1.23E-4	1.29E-6	7.86E-6
	CC7	-0.0392	-0.0173	-0.0745	-3.90E-4	-3.15E-6	1.14E-5
	CC8	-0.0397	-0.0174	-0.0735	-3.91E-4	-3.17E-6	1.19E-5
	CC9	0.0136	0.0395	-0.0830	8.97E-4	7.72E-6	-1.11E-5
	CC10	0.0121	0.0393	-0.0801	8.94E-4	7.66E-6	-9.59E-6

	CC11	-0.0098	0.0359	-0.0653	8.18E-4	7.16E-6	-5.02E-6
	CC12	-0.0113	0.0357	-0.0624	8.15E-4	7.10E-6	-3.50E-6
	CC13	0.0111	-0.0358	-0.1302	-8.17E-4	-7.13E-6	2.50E-6
	CC14	0.0096	-0.0360	-0.1273	-8.21E-4	-7.19E-6	4.02E-6
	CC15	-0.0123	-0.0394	-0.1126	-8.97E-4	-7.68E-6	8.58E-6
	CC16	-0.0138	-0.0396	-0.1097	-9.00E-4	-7.74E-6	1.01E-5
535	CC1	0.0422	0.0179	-0.1130	4.06E-4	2.68E-6	-1.26E-5
	CC2	0.0416	0.0179	-0.1124	4.05E-4	2.68E-6	-1.21E-5
	CC3	0.0413	-0.0044	-0.1274	-1.02E-4	-6.71E-7	-1.12E-5
	CC4	0.0408	-0.0044	-0.1268	-1.02E-4	-6.71E-7	-1.07E-5
	CC5	-0.0411	0.0042	-0.0659	9.71E-5	6.41E-7	9.93E-6
	CC6	-0.0416	0.0042	-0.0652	9.70E-5	6.40E-7	1.05E-5
	CC7	-0.0420	-0.0181	-0.0803	-4.10E-4	-2.71E-6	1.13E-5
	CC8	-0.0425	-0.0181	-0.0796	-4.10E-4	-2.71E-6	1.18E-5
	CC9	0.0145	0.0392	-0.0804	8.89E-4	5.87E-6	-6.84E-6
	CC10	0.0129	0.0392	-0.0783	8.89E-4	5.87E-6	-5.23E-6
	CC11	-0.0104	0.0351	-0.0662	7.97E-4	5.26E-6	-7.74E-8
	CC12	-0.0121	0.0351	-0.0642	7.97E-4	5.26E-6	1.53E-6
	CC13	0.0117	-0.0353	-0.1285	-8.01E-4	-5.29E-6	-2.32E-6
	CC14	0.0101	-0.0353	-0.1264	-8.01E-4	-5.29E-6	-7.09E-7
	CC15	-0.0132	-0.0394	-0.1143	-8.94E-4	-5.90E-6	4.44E-6
	CC16	-0.0149	-0.0394	-0.1123	-8.94E-4	-5.90E-6	6.05E-6
536	CC1	0.0412	0.0187	-0.0637	7.32E-5	1.44E-6	-9.41E-6
	CC2	0.0407	0.0187	-0.0633	7.43E-5	1.43E-6	-8.97E-6
	CC3	0.0404	-0.0036	-0.0783	-4.36E-4	-4.45E-7	-1.06E-5
	CC4	0.0399	-0.0036	-0.0779	-4.35E-4	-4.49E-7	-1.01E-5
	CC5	-0.0402	0.0033	-0.1147	4.29E-4	4.35E-7	9.93E-6
	CC6	-0.0408	0.0034	-0.1143	4.30E-4	4.31E-7	1.04E-5
	CC7	-0.0411	-0.0190	-0.1293	-7.98E-5	-1.45E-6	8.79E-6
	CC8	-0.0416	-0.0189	-0.1289	-7.88E-5	-1.45E-6	9.22E-6
	CC9	0.0142	0.0393	-0.0648	7.91E-4	3.29E-6	-1.76E-6
	CC10	0.0126	0.0394	-0.0637	7.94E-4	3.27E-6	-4.24E-7
	CC11	-0.0102	0.0347	-0.0801	8.98E-4	2.99E-6	4.04E-6
	CC12	-0.0118	0.0348	-0.0790	9.01E-4	2.97E-6	5.38E-6
	CC13	0.0115	-0.0351	-0.1136	-9.06E-4	-2.99E-6	-5.56E-6
	CC14	0.0099	-0.0349	-0.1124	-9.03E-4	-3.00E-6	-4.23E-6
	CC15	-0.0130	-0.0397	-0.1289	-7.99E-4	-3.29E-6	2.39E-7
	CC16	-0.0146	-0.0396	-0.1277	-7.96E-4	-3.30E-6	1.57E-6
537	CC1	0.1658	0.1297	-0.1206	2.89E-4	1.58E-7	-1.18E-4
	CC2	0.1637	0.1295	-0.1197	2.86E-4	2.16E-7	-1.13E-4
	CC3	0.1634	-0.0400	-0.1365	-8.27E-4	-7.00E-6	-1.07E-4
	CC4	0.1612	-0.0401	-0.1356	-8.29E-4	-6.95E-6	-1.02E-4
	CC5	-0.1620	0.0376	-0.0640	8.06E-4	6.76E-6	9.80E-5
	CC6	-0.1641	0.0374	-0.0631	8.04E-4	6.82E-6	1.03E-4
	CC7	-0.1644	-0.1320	-0.0799	-3.09E-4	-4.02E-7	1.09E-4
	CC8	-0.1666	-0.1322	-0.0790	-3.12E-4	-3.44E-7	1.14E-4
	CC9	0.0562	0.2955	-0.0832	1.77E-3	1.08E-5	-6.00E-5
	CC10	0.0496	0.2950	-0.0805	1.77E-3	1.09E-5	-4.49E-5
	CC11	-0.0422	0.2679	-0.0662	1.93E-3	1.27E-5	4.77E-6
	CC12	-0.0487	0.2674	-0.0635	1.92E-3	1.29E-5	1.99E-5
	CC13	0.0480	-0.2699	-0.1361	-1.94E-3	-1.31E-5	-2.39E-5
	CC14	0.0414	-0.2704	-0.1334	-1.95E-3	-1.29E-5	-8.84E-6
	CC15	-0.0504	-0.2975	-0.1191	-1.79E-3	-1.11E-5	4.08E-5
	CC16	-0.0569	-0.2981	-0.1164	-1.80E-3	-1.10E-5	5.59E-5
538	CC1	0.0982	0.0651	-0.1166	1.92E-4	1.27E-6	-4.99E-5
	CC2	0.0969	0.0651	-0.1158	1.91E-4	1.26E-6	-4.78E-5
	CC3	0.0965	-0.0177	-0.1317	-6.85E-4	-4.52E-6	-4.46E-5
	CC4	0.0952	-0.0178	-0.1310	-6.86E-4	-4.53E-6	-4.25E-5
	CC5	-0.0958	0.0168	-0.0652	6.73E-4	4.44E-6	4.01E-5
	CC6	-0.0971	0.0168	-0.0644	6.72E-4	4.44E-6	4.22E-5
	CC7	-0.0975	-0.0660	-0.0803	-2.04E-4	-1.35E-6	4.54E-5
	CC8	-0.0987	-0.0661	-0.0796	-2.05E-4	-1.35E-6	4.75E-5
	CC9	0.0335	0.1449	-0.0817	1.38E-3	9.14E-6	-2.67E-5
	CC10	0.0297	0.1448	-0.0794	1.38E-3	9.12E-6	-2.03E-5
	CC11	-0.0247	0.1304	-0.0663	1.53E-3	1.01E-5	3.11E-7
	CC12	-0.0285	0.1303	-0.0639	1.53E-3	1.01E-5	6.68E-6
	CC13	0.0280	-0.1312	-0.1322	-1.54E-3	-1.02E-5	-9.09E-6
	CC14	0.0241	-0.1314	-0.1298	-1.54E-3	-1.02E-5	-2.71E-6
	CC15	-0.0302	-0.1457	-0.1168	-1.40E-3	-9.21E-6	1.79E-5
	CC16	-0.0341	-0.1459	-0.1144	-1.40E-3	-9.22E-6	2.43E-5
539	CC1	0.0982	0.0124	-0.0662	1.36E-4	3.45E-6	-5.20E-5
	CC2	0.0969	0.0126	-0.0658	1.38E-4	3.44E-6	-4.97E-5

	CC3	0.0965	-0.0701	-0.0816	-7.40E-4	-1.19E-6	-4.98E-5
	CC4	0.0952	-0.0700	-0.0812	-7.38E-4	-1.20E-6	-4.75E-5
	CC5	-0.0959	0.0689	-0.1147	7.24E-4	1.14E-6	4.72E-5
	CC6	-0.0972	0.0690	-0.1143	7.26E-4	1.13E-6	4.95E-5
	CC7	-0.0976	-0.0137	-0.1301	-1.51E-4	-3.50E-6	4.94E-5
	CC8	-0.0989	-0.0135	-0.1297	-1.50E-4	-3.51E-6	5.17E-5
	CC9	0.0335	0.1284	-0.0657	1.36E-3	8.06E-6	-2.22E-5
	CC10	0.0296	0.1288	-0.0644	1.37E-3	8.03E-6	-1.53E-5
	CC11	-0.0248	0.1453	-0.0802	1.54E-3	7.37E-6	7.58E-6
	CC12	-0.0286	0.1458	-0.0789	1.54E-3	7.34E-6	1.45E-5
	CC13	0.0279	-0.1468	-0.1169	-1.56E-3	-7.40E-6	-1.48E-5
	CC14	0.0240	-0.1464	-0.1157	-1.55E-3	-7.43E-6	-7.92E-6
	CC15	-0.0304	-0.1299	-0.1315	-1.38E-3	-8.09E-6	1.49E-5
	CC16	-0.0342	-0.1294	-0.1302	-1.38E-3	-8.12E-6	2.18E-5
540	CC1	0.1665	0.0273	-0.0674	2.09E-4	4.07E-7	-1.13E-4
	CC2	0.1644	0.0276	-0.0670	2.10E-4	4.44E-7	-1.08E-4
	CC3	0.1640	-0.1416	-0.0836	-9.03E-4	-5.87E-6	-1.08E-4
	CC4	0.1618	-0.1413	-0.0832	-9.02E-4	-5.84E-6	-1.03E-4
	CC5	-0.1629	0.1386	-0.1160	8.77E-4	5.68E-6	1.02E-4
	CC6	-0.1650	0.1388	-0.1156	8.78E-4	5.72E-6	1.07E-4
	CC7	-0.1654	-0.0304	-0.1322	-2.34E-4	-5.96E-7	1.08E-4
	CC8	-0.1675	-0.0301	-0.1318	-2.33E-4	-5.58E-7	1.13E-4
	CC9	0.0564	0.2631	-0.0660	1.74E-3	9.54E-6	-4.98E-5
	CC10	0.0498	0.2639	-0.0647	1.74E-3	9.66E-6	-3.48E-5
	CC11	-0.0425	0.2964	-0.0805	1.94E-3	1.11E-5	1.48E-5
	CC12	-0.0490	0.2973	-0.0793	1.94E-3	1.12E-5	2.98E-5
	CC13	0.0480	-0.3000	-0.1199	-1.97E-3	-1.14E-5	-3.05E-5
	CC14	0.0414	-0.2992	-0.1187	-1.96E-3	-1.13E-5	-1.55E-5
	CC15	-0.0508	-0.2666	-0.1345	-1.77E-3	-9.81E-6	3.40E-5
	CC16	-0.0574	-0.2658	-0.1332	-1.76E-3	-9.69E-6	4.90E-5
541	CC1	0.1404	0.0142	-0.0011	1.39E-4	-6.93E-4	1.43E-4
	CC2	0.1413	0.0151	0.0004	1.40E-4	-6.97E-4	1.50E-4
	CC3	0.1455	-0.1625	0.0682	1.17E-4	-6.20E-4	1.76E-4
	CC4	0.1464	-0.1616	0.0696	1.17E-4	-6.24E-4	1.82E-4
	CC5	-0.1473	0.1592	-0.2465	-1.21E-4	6.32E-4	-1.87E-4
	CC6	-0.1464	0.1601	-0.2450	-1.20E-4	6.28E-4	-1.81E-4
	CC7	-0.1422	-0.0175	-0.1772	-1.43E-4	7.04E-4	-1.55E-4
	CC8	-0.1413	-0.0166	-0.1758	-1.43E-4	7.01E-4	-1.48E-4
	CC9	0.0329	0.2702	-0.1693	7.39E-5	-3.11E-4	-1.67E-5
	CC10	0.0355	0.2729	-0.1648	7.50E-5	-3.22E-4	2.94E-6
	CC11	-0.0534	0.3136	-0.2429	-4.06E-6	8.64E-5	-1.16E-4
	CC12	-0.0508	0.3164	-0.2384	-2.93E-6	7.58E-5	-9.62E-5
	CC13	0.0498	-0.3188	0.0616	-6.02E-7	-6.80E-5	9.14E-5
	CC14	0.0525	-0.3160	0.0661	5.36E-7	-7.86E-5	1.11E-4
	CC15	-0.0365	-0.2753	-0.0120	-7.86E-5	3.29E-4	-7.75E-6
	CC16	-0.0338	-0.2725	-0.0076	-7.74E-5	3.19E-4	1.19E-5
542	CC1	0.0834	0.0935	-0.0131	7.60E-5	-7.00E-4	1.74E-4
	CC2	0.0840	0.0941	-0.0118	7.64E-5	-7.04E-4	1.78E-4
	CC3	0.0879	-0.0061	0.0402	6.42E-5	-5.92E-4	1.78E-4
	CC4	0.0884	-0.0055	0.0415	6.47E-5	-5.96E-4	1.82E-4
	CC5	-0.0891	0.0047	-0.2164	-6.50E-5	5.98E-4	-1.94E-4
	CC6	-0.0885	0.0053	-0.2151	-6.45E-5	5.94E-4	-1.89E-4
	CC7	-0.0846	-0.0949	-0.1630	-7.67E-5	7.06E-4	-1.90E-4
	CC8	-0.0841	-0.0943	-0.1617	-7.62E-5	7.02E-4	-1.85E-4
	CC9	0.0173	0.1780	-0.1478	3.98E-5	-3.67E-4	3.57E-5
	CC10	0.0190	0.1798	-0.1439	4.13E-5	-3.80E-4	4.91E-5
	CC11	-0.0344	0.1514	-0.2088	-2.44E-6	2.25E-5	-7.45E-5
	CC12	-0.0327	0.1532	-0.2049	-1.01E-6	9.32E-6	-6.11E-5
	CC13	0.0321	-0.1540	0.0301	7.57E-7	-6.98E-6	4.93E-5
	CC14	0.0338	-0.1522	0.0340	2.19E-6	-2.01E-5	6.27E-5
	CC15	-0.0197	-0.1807	-0.0309	-4.15E-5	3.82E-4	-6.09E-5
	CC16	-0.0180	-0.1788	-0.0270	-4.01E-5	3.69E-4	-4.75E-5
543	CC1	0.0264	0.0389	-0.0276	7.15E-5	-6.59E-4	1.92E-4
	CC2	0.0266	0.0392	-0.0265	7.21E-5	-6.64E-4	1.94E-4
	CC3	0.0299	0.0001	0.0088	6.82E-5	-6.28E-4	2.16E-4
	CC4	0.0301	0.0004	0.0098	6.88E-5	-6.33E-4	2.19E-4
	CC5	-0.0304	-0.0004	-0.1825	-6.95E-5	6.40E-4	-2.28E-4
	CC6	-0.0302	-0.0001	-0.1814	-6.90E-5	6.35E-4	-2.26E-4
	CC7	-0.0269	-0.0393	-0.1461	-7.28E-5	6.71E-4	-2.04E-4
	CC8	-0.0267	-0.0390	-0.1450	-7.23E-5	6.66E-4	-2.02E-4
	CC9	0.0022	0.0701	-0.1254	2.55E-5	-2.35E-4	1.36E-5
	CC10	0.0027	0.0710	-0.1221	2.71E-5	-2.50E-4	2.15E-5

	CC11	-0.0149	0.0583	-0.1718	-1.68E-5	1.55E-4	-1.12E-4
	CC12	-0.0143	0.0592	-0.1685	-1.52E-5	1.40E-4	-1.05E-4
	CC13	0.0140	-0.0593	-0.0041	1.45E-5	-1.33E-4	9.46E-5
	CC14	0.0146	-0.0584	-0.0008	1.61E-5	-1.48E-4	1.02E-4
	CC15	-0.0030	-0.0711	-0.0506	-2.79E-5	2.57E-4	-3.14E-5
	CC16	-0.0025	-0.0702	-0.0473	-2.62E-5	2.42E-4	-2.35E-5
544	CC1	0.0200	0.0378	-0.0244	5.63E-5	-5.19E-4	-1.80E-5
	CC2	0.0201	0.0381	-0.0233	5.66E-5	-5.21E-4	-1.74E-5
	CC3	0.0219	0.0001	-0.0082	5.09E-5	-4.69E-4	3.60E-7
	CC4	0.0220	0.0004	-0.0071	5.11E-5	-4.71E-4	9.78E-7
	CC5	-0.0219	-0.0006	-0.1662	-5.11E-5	4.71E-4	-1.94E-8
	CC6	-0.0219	-0.0003	-0.1652	-5.09E-5	4.68E-4	5.99E-7
	CC7	-0.0201	-0.0383	-0.1500	-5.65E-5	5.21E-4	1.84E-5
	CC8	-0.0200	-0.0380	-0.1489	-5.63E-5	5.18E-4	1.90E-5
	CC9	0.0031	0.0681	-0.0941	2.48E-5	-2.29E-4	-3.38E-5
	CC10	0.0033	0.0689	-0.0908	2.55E-5	-2.35E-4	-3.20E-5
	CC11	-0.0095	0.0566	-0.1366	-7.41E-6	6.82E-5	-2.84E-5
	CC12	-0.0093	0.0574	-0.1334	-6.69E-6	6.15E-5	-2.65E-5
	CC13	0.0094	-0.0576	-0.0400	6.71E-6	-6.17E-5	2.75E-5
	CC14	0.0096	-0.0567	-0.0367	7.43E-6	-6.84E-5	2.94E-5
	CC15	-0.0032	-0.0691	-0.0825	-2.55E-5	2.35E-4	3.29E-5
	CC16	-0.0030	-0.0683	-0.0793	-2.48E-5	2.28E-4	3.48E-5
545	CC1	0.0209	0.0356	-0.0184	-3.87E-5	-5.36E-4	-1.61E-5
	CC2	0.0209	0.0358	-0.0173	-3.74E-5	-5.37E-4	-1.55E-5
	CC3	0.0217	-0.0003	-0.0242	-6.55E-5	-4.64E-4	-1.28E-5
	CC4	0.0218	0.0000	-0.0231	-6.42E-5	-4.65E-4	-1.23E-5
	CC5	-0.0218	-0.0004	-0.1510	6.49E-5	4.68E-4	1.45E-5
	CC6	-0.0218	-0.0001	-0.1499	6.62E-5	4.67E-4	1.51E-5
	CC7	-0.0210	-0.0362	-0.1568	3.81E-5	5.39E-4	1.78E-5
	CC8	-0.0210	-0.0360	-0.1557	3.94E-5	5.39E-4	1.84E-5
	CC9	0.0050	0.0645	-0.0590	2.75E-5	-2.67E-4	-9.75E-6
	CC10	0.0050	0.0653	-0.0558	3.15E-5	-2.69E-4	-8.07E-6
	CC11	-0.0079	0.0537	-0.0988	5.85E-5	3.39E-5	-5.56E-7
	CC12	-0.0078	0.0545	-0.0955	6.26E-5	3.18E-5	1.13E-6
	CC13	0.0077	-0.0549	-0.0786	-6.19E-5	-2.92E-5	1.14E-6
	CC14	0.0078	-0.0541	-0.0753	-5.79E-5	-3.13E-5	2.82E-6
	CC15	-0.0051	-0.0657	-0.1183	-3.09E-5	2.72E-4	1.03E-5
	CC16	-0.0050	-0.0649	-0.1151	-2.68E-5	2.70E-4	1.20E-5
546	CC1	0.1373	0.0146	0.0031	1.25E-4	-8.21E-4	-1.34E-4
	CC2	0.1377	0.0155	0.0045	1.23E-4	-8.23E-4	-1.28E-4
	CC3	0.1419	-0.1606	0.0230	2.59E-5	-7.42E-4	-1.42E-4
	CC4	0.1422	-0.1598	0.0244	2.44E-5	-7.44E-4	-1.36E-4
	CC5	-0.1428	0.1571	-0.2031	-3.37E-5	7.64E-4	1.33E-4
	CC6	-0.1424	0.1580	-0.2017	-3.52E-5	7.62E-4	1.39E-4
	CC7	-0.1382	-0.0181	-0.1832	-1.33E-4	8.43E-4	1.24E-4
	CC8	-0.1378	-0.0172	-0.1818	-1.34E-4	8.41E-4	1.30E-4
	CC9	0.0336	0.2680	-0.0936	1.86E-4	-3.56E-4	-3.63E-5
	CC10	0.0347	0.2706	-0.0894	1.82E-4	-3.62E-4	-1.89E-5
	CC11	-0.0505	0.3108	-0.1554	1.39E-4	1.20E-4	4.37E-5
	CC12	-0.0493	0.3134	-0.1512	1.34E-4	1.13E-4	6.10E-5
	CC13	0.0488	-0.3160	-0.0275	-1.43E-4	-9.37E-5	-6.45E-5
	CC14	0.0499	-0.3134	-0.0232	-1.48E-4	-1.00E-4	-4.72E-5
	CC15	-0.0352	-0.2733	-0.0893	-1.91E-4	3.82E-4	1.54E-5
	CC16	-0.0341	-0.2707	-0.0851	-1.96E-4	3.75E-4	3.28E-5
547	CC1	0.0725	0.0913	-0.0104	8.12E-5	-7.48E-4	8.71E-5
	CC2	0.0728	0.0919	-0.0091	8.14E-5	-7.50E-4	9.07E-5
	CC3	0.0759	-0.0060	0.0079	7.14E-5	-6.58E-4	1.08E-4
	CC4	0.0761	-0.0054	0.0091	7.16E-5	-6.60E-4	1.11E-4
	CC5	-0.0760	0.0044	-0.1852	-7.17E-5	6.60E-4	-1.17E-4
	CC6	-0.0758	0.0050	-0.1839	-7.14E-5	6.58E-4	-1.14E-4
	CC7	-0.0726	-0.0930	-0.1669	-8.14E-5	7.50E-4	-9.68E-5
	CC8	-0.0724	-0.0924	-0.1657	-8.12E-5	7.48E-4	-9.33E-5
	CC9	0.0164	0.1739	-0.0941	3.88E-5	-3.58E-4	-1.20E-5
	CC10	0.0171	0.1757	-0.0903	3.96E-5	-3.65E-4	-1.25E-6
	CC11	-0.0282	0.1478	-0.1465	-7.00E-6	6.45E-5	-7.33E-5
	CC12	-0.0275	0.1496	-0.1428	-6.26E-6	5.77E-5	-6.26E-5
	CC13	0.0277	-0.1506	-0.0333	6.25E-6	-5.76E-5	5.65E-5
	CC14	0.0284	-0.1489	-0.0295	6.99E-6	-6.44E-5	6.72E-5
	CC15	-0.0169	-0.1767	-0.0857	-3.96E-5	3.65E-4	-4.89E-6
	CC16	-0.0162	-0.1750	-0.0820	-3.89E-5	3.58E-4	5.85E-6
548	CC1	0.0735	0.0901	-0.0028	-1.63E-5	-7.64E-4	-1.02E-4
	CC2	0.0735	0.0907	-0.0016	-1.38E-5	-7.63E-4	-9.98E-5



	CC3	0.0754	-0.0065	-0.0214	-2.13E-4	-7.27E-4	-8.57E-5
	CC4	0.0754	-0.0060	-0.0202	-2.10E-4	-7.27E-4	-8.33E-5
	CC5	-0.0755	0.0045	-0.1572	2.03E-4	7.25E-4	9.55E-5
	CC6	-0.0755	0.0051	-0.1560	2.06E-4	7.25E-4	9.78E-5
	CC7	-0.0736	-0.0921	-0.1757	6.93E-6	7.61E-4	1.12E-4
	CC8	-0.0736	-0.0915	-0.1745	9.38E-6	7.62E-4	1.14E-4
	CC9	0.0191	0.1724	-0.0365	2.87E-4	-2.87E-4	-5.45E-5
	CC10	0.0191	0.1741	-0.0328	2.94E-4	-2.84E-4	-4.74E-5
	CC11	-0.0256	0.1467	-0.0828	3.53E-4	1.60E-4	4.82E-6
	CC12	-0.0256	0.1484	-0.0791	3.60E-4	1.62E-4	1.19E-5
	CC13	0.0255	-0.1498	-0.0982	-3.67E-4	-1.64E-4	2.68E-7
	CC14	0.0255	-0.1481	-0.0945	-3.60E-4	-1.62E-4	7.34E-6
	CC15	-0.0192	-0.1755	-0.1445	-3.01E-4	2.83E-4	5.95E-5
	CC16	-0.0192	-0.1738	-0.1408	-2.94E-4	2.85E-4	6.66E-5
549	CC1	0.1415	0.0151	0.0123	6.34E-5	-8.69E-4	-1.48E-4
	CC2	0.1414	0.0159	0.0136	6.44E-5	-8.69E-4	-1.43E-4
	CC3	0.1458	-0.1605	-0.0191	-3.02E-4	-8.28E-4	-1.15E-4
	CC4	0.1457	-0.1597	-0.0178	-3.01E-4	-8.27E-4	-1.09E-4
	CC5	-0.1465	0.1567	-0.1627	3.00E-4	8.50E-4	1.21E-4
	CC6	-0.1465	0.1575	-0.1614	3.01E-4	8.50E-4	1.26E-4
	CC7	-0.1422	-0.0190	-0.1941	-6.48E-5	8.91E-4	1.54E-4
	CC8	-0.1422	-0.0181	-0.1928	-6.38E-5	8.92E-4	1.59E-4
	CC9	0.0357	0.2687	-0.0137	5.71E-4	-3.16E-4	-9.80E-5
	CC10	0.0355	0.2712	-0.0096	5.74E-4	-3.15E-4	-8.23E-5
	CC11	-0.0506	0.3112	-0.0662	6.42E-4	1.99E-4	-1.73E-5
	CC12	-0.0508	0.3137	-0.0621	6.45E-4	2.01E-4	-1.62E-6
	CC13	0.0501	-0.3167	-0.1184	-6.46E-4	-1.79E-4	1.31E-5
	CC14	0.0499	-0.3142	-0.1143	-6.43E-4	-1.77E-4	2.88E-5
	CC15	-0.0363	-0.2742	-0.1709	-5.75E-4	3.37E-4	9.37E-5
	CC16	-0.0365	-0.2718	-0.1668	-5.72E-4	3.39E-4	1.09E-4
550	CC1	0.1447	0.1296	-0.1080	2.72E-4	-8.50E-4	-1.08E-4
	CC2	0.1446	0.1260	-0.1083	2.69E-4	-8.48E-4	-1.03E-4
	CC3	0.1474	-0.0755	-0.1128	-3.20E-5	-8.22E-4	-1.32E-4
	CC4	0.1473	-0.0791	-0.1132	-3.53E-5	-8.20E-4	-1.27E-4
	CC5	-0.1474	0.0776	-0.0663	2.69E-5	8.28E-4	1.36E-4
	CC6	-0.1475	0.0740	-0.0666	2.37E-5	8.30E-4	1.41E-4
	CC7	-0.1447	-0.1275	-0.0711	-2.77E-4	8.56E-4	1.12E-4
	CC8	-0.1448	-0.1311	-0.0715	-2.80E-4	8.58E-4	1.17E-4
	CC9	0.0394	0.3543	-0.0874	5.44E-4	-2.97E-4	-3.47E-7
	CC10	0.0391	0.3434	-0.0885	5.34E-4	-2.92E-4	1.52E-5
	CC11	-0.0483	0.3387	-0.0749	4.70E-4	2.07E-4	7.28E-5
	CC12	-0.0486	0.3278	-0.0760	4.61E-4	2.12E-4	8.84E-5
	CC13	0.0484	-0.3293	-0.1035	-4.69E-4	-2.04E-4	-8.00E-5
	CC14	0.0481	-0.3402	-0.1046	-4.79E-4	-1.99E-4	-6.44E-5
	CC15	-0.0393	-0.3449	-0.0910	-5.42E-4	3.00E-4	-6.81E-6
	CC16	-0.0395	-0.3558	-0.0921	-5.52E-4	3.05E-4	8.74E-6
551	CC1	0.0770	0.0798	-0.1095	-1.18E-5	-8.24E-4	-3.71E-5
	CC2	0.0769	0.0776	-0.1098	-1.06E-5	-8.21E-4	-3.49E-5
	CC3	0.0756	-0.0450	-0.1050	-9.10E-5	-7.27E-4	-8.11E-5
	CC4	0.0755	-0.0472	-0.1052	-8.98E-5	-7.25E-4	-7.89E-5
	CC5	-0.0754	0.0466	-0.0718	8.73E-5	7.25E-4	8.57E-5
	CC6	-0.0755	0.0444	-0.0720	8.85E-5	7.28E-4	8.79E-5
	CC7	-0.0768	-0.0781	-0.0672	8.05E-6	8.22E-4	4.18E-5
	CC8	-0.0769	-0.0803	-0.0674	9.30E-6	8.25E-4	4.39E-5
	CC9	0.0254	0.2160	-0.1014	1.14E-4	-3.97E-4	5.51E-5
	CC10	0.0252	0.2093	-0.1021	1.18E-4	-3.89E-4	6.15E-5
	CC11	-0.0204	0.2061	-0.0901	1.44E-4	6.78E-5	9.19E-5
	CC12	-0.0205	0.1994	-0.0908	1.48E-4	7.62E-5	9.84E-5
	CC13	0.0206	-0.1999	-0.0862	-1.50E-4	-7.53E-5	-9.16E-5
	CC14	0.0205	-0.2066	-0.0869	-1.46E-4	-6.69E-5	-8.51E-5
	CC15	-0.0251	-0.2098	-0.0749	-1.20E-4	3.89E-4	-5.47E-5
	CC16	-0.0253	-0.2165	-0.0756	-1.17E-4	3.98E-4	-4.83E-5
552	CC1	0.0215	0.0188	-0.1082	-8.52E-5	-5.72E-4	-2.31E-6
	CC2	0.0216	0.0178	-0.1083	-8.34E-5	-5.69E-4	-1.99E-6
	CC3	0.0221	-0.0336	-0.0974	-6.85E-5	-4.25E-4	-2.29E-5
	CC4	0.0221	-0.0346	-0.0975	-6.67E-5	-4.22E-4	-2.26E-5
	CC5	-0.0220	0.0345	-0.0765	6.69E-5	4.21E-4	2.48E-5
	CC6	-0.0220	0.0335	-0.0766	6.87E-5	4.24E-4	2.51E-5
	CC7	-0.0215	-0.0179	-0.0657	8.37E-5	5.69E-4	4.20E-6
	CC8	-0.0215	-0.0189	-0.0658	8.54E-5	5.72E-4	4.52E-6
	CC9	0.0057	0.0864	-0.1097	-5.33E-5	-3.99E-4	3.09E-5
	CC10	0.0057	0.0835	-0.1099	-4.79E-5	-3.90E-4	3.19E-5

	CC11	-0.0074	0.0911	-0.1002	-7.63E-6	-1.01E-4	3.90E-5
	CC12	-0.0073	0.0882	-0.1004	-2.22E-6	-9.21E-5	4.00E-5
	CC13	0.0074	-0.0883	-0.0736	2.47E-6	9.19E-5	-3.78E-5
	CC14	0.0074	-0.0912	-0.0739	7.87E-6	1.01E-4	-3.68E-5
	CC15	-0.0057	-0.0836	-0.0641	4.81E-5	3.90E-4	-2.97E-5
	CC16	-0.0056	-0.0865	-0.0644	5.35E-5	3.99E-4	-2.87E-5
553	CC1	0.0214	0.0197	-0.1162	7.47E-5	-5.43E-4	-2.74E-5
	CC2	0.0215	0.0187	-0.1161	7.46E-5	-5.42E-4	-2.64E-5
	CC3	0.0222	-0.0357	-0.0937	5.48E-5	-3.98E-4	-1.20E-5
	CC4	0.0223	-0.0367	-0.0936	5.46E-5	-3.97E-4	-1.09E-5
	CC5	-0.0222	0.0366	-0.0798	-5.43E-5	3.94E-4	1.07E-5
	CC6	-0.0221	0.0356	-0.0797	-5.44E-5	3.95E-4	1.18E-5
	CC7	-0.0213	-0.0188	-0.0574	-7.42E-5	5.39E-4	2.62E-5
	CC8	-0.0213	-0.0198	-0.0573	-7.44E-5	5.40E-4	2.72E-5
	CC9	0.0051	0.0913	-0.1297	5.30E-5	-3.85E-4	-3.32E-5
	CC10	0.0053	0.0883	-0.1294	5.25E-5	-3.81E-4	-3.00E-5
	CC11	-0.0080	0.0964	-0.1188	1.43E-5	-1.04E-4	-2.17E-5
	CC12	-0.0077	0.0934	-0.1185	1.38E-5	-1.00E-4	-1.86E-5
	CC13	0.0079	-0.0935	-0.0549	-1.34E-5	9.75E-5	1.84E-5
	CC14	0.0081	-0.0965	-0.0546	-1.40E-5	1.01E-4	2.15E-5
	CC15	-0.0052	-0.0884	-0.0440	-5.21E-5	3.79E-4	2.98E-5
	CC16	-0.0050	-0.0914	-0.0437	-5.27E-5	3.82E-4	3.30E-5
554	CC1	0.0219	0.0195	-0.1253	7.58E-5	-5.50E-4	2.52E-5
	CC2	0.0220	0.0186	-0.1251	7.58E-5	-5.50E-4	2.58E-5
	CC3	0.0227	-0.0349	-0.0914	5.65E-5	-4.10E-4	1.18E-5
	CC4	0.0228	-0.0359	-0.0912	5.65E-5	-4.10E-4	1.24E-5
	CC5	-0.0227	0.0357	-0.0819	-5.63E-5	4.09E-4	-1.31E-5
	CC6	-0.0226	0.0347	-0.0817	-5.62E-5	4.08E-4	-1.25E-5
	CC7	-0.0219	-0.0187	-0.0481	-7.56E-5	5.49E-4	-2.65E-5
	CC8	-0.0218	-0.0197	-0.0478	-7.55E-5	5.48E-4	-2.58E-5
	CC9	0.0052	0.0897	-0.1499	5.20E-5	-3.77E-4	2.68E-5
	CC10	0.0056	0.0868	-0.1491	5.21E-5	-3.79E-4	2.86E-5
	CC11	-0.0082	0.0946	-0.1369	1.24E-5	-8.98E-5	1.53E-5
	CC12	-0.0077	0.0916	-0.1361	1.25E-5	-9.09E-5	1.71E-5
	CC13	0.0079	-0.0918	-0.0370	-1.23E-5	8.91E-5	-1.78E-5
	CC14	0.0083	-0.0947	-0.0363	-1.21E-5	8.80E-5	-1.60E-5
	CC15	-0.0055	-0.0869	-0.0240	-5.19E-5	3.77E-4	-2.93E-5
	CC16	-0.0051	-0.0899	-0.0233	-5.17E-5	3.76E-4	-2.74E-5
555	CC1	0.1443	0.1281	-0.1277	2.99E-4	-8.05E-4	-1.18E-4
	CC2	0.1446	0.1245	-0.1278	2.94E-4	-8.06E-4	-1.13E-4
	CC3	0.1429	-0.0766	-0.1076	2.18E-4	-7.56E-4	-1.17E-4
	CC4	0.1432	-0.0802	-0.1077	2.13E-4	-7.57E-4	-1.12E-4
	CC5	-0.1429	0.0785	-0.0698	-2.28E-4	7.63E-4	1.14E-4
	CC6	-0.1426	0.0750	-0.0699	-2.33E-4	7.62E-4	1.20E-4
	CC7	-0.1443	-0.1262	-0.0497	-3.09E-4	8.12E-4	1.15E-4
	CC8	-0.1440	-0.1297	-0.0497	-3.13E-4	8.11E-4	1.21E-4
	CC9	0.0451	0.3531	-0.1309	2.13E-4	-3.12E-4	-4.31E-5
	CC10	0.0461	0.3424	-0.1311	1.99E-4	-3.16E-4	-2.73E-5
	CC11	-0.0411	0.3383	-0.1135	5.54E-5	1.59E-4	2.66E-5
	CC12	-0.0400	0.3276	-0.1137	4.06E-5	1.55E-4	4.24E-5
	CC13	0.0403	-0.3292	-0.0638	-5.52E-5	-1.49E-4	-3.99E-5
	CC14	0.0414	-0.3399	-0.0640	-6.99E-5	-1.53E-4	-2.41E-5
	CC15	-0.0458	-0.3441	-0.0464	-2.13E-4	3.22E-4	2.98E-5
	CC16	-0.0448	-0.3548	-0.0466	-2.28E-4	3.17E-4	4.57E-5
556	CC1	0.0770	0.0801	-0.1228	1.11E-4	-8.09E-4	-6.63E-5
	CC2	0.0771	0.0779	-0.1228	1.11E-4	-8.08E-4	-6.34E-5
	CC3	0.0745	-0.0459	-0.1015	9.26E-5	-6.72E-4	-5.85E-5
	CC4	0.0746	-0.0481	-0.1015	9.25E-5	-6.72E-4	-5.57E-5
	CC5	-0.0742	0.0474	-0.0743	-9.23E-5	6.70E-4	5.56E-5
	CC6	-0.0741	0.0452	-0.0743	-9.24E-5	6.71E-4	5.85E-5
	CC7	-0.0767	-0.0785	-0.0530	-1.11E-4	8.07E-4	6.34E-5
	CC8	-0.0766	-0.0807	-0.0530	-1.11E-4	8.07E-4	6.62E-5
	CC9	0.0268	0.2178	-0.1308	6.21E-5	-4.51E-4	-3.55E-5
	CC10	0.0273	0.2111	-0.1307	6.19E-5	-4.49E-4	-2.69E-5
	CC11	-0.0185	0.2080	-0.1162	9.98E-7	-7.15E-6	1.09E-6
	CC12	-0.0181	0.2013	-0.1162	7.61E-7	-5.44E-6	9.68E-6
	CC13	0.0185	-0.2019	-0.0596	-5.89E-7	4.19E-6	-9.75E-6
	CC14	0.0190	-0.2086	-0.0596	-8.26E-7	5.91E-6	-1.17E-6
	CC15	-0.0269	-0.2117	-0.0450	-6.17E-5	4.48E-4	2.68E-5
	CC16	-0.0264	-0.2184	-0.0450	-6.20E-5	4.50E-4	3.54E-5
557	CC1	0.0759	0.0795	-0.1395	1.07E-4	-7.74E-4	-7.89E-5
	CC2	0.0763	0.0773	-0.1393	1.07E-4	-7.76E-4	-7.56E-5

	CC3	0.0745	-0.0468	-0.1014	8.94E-5	-6.49E-4	-5.97E-5
	CC4	0.0749	-0.0490	-0.1012	8.97E-5	-6.51E-4	-5.65E-5
	CC5	-0.0746	0.0482	-0.0742	-8.96E-5	6.50E-4	5.39E-5
	CC6	-0.0742	0.0460	-0.0740	-8.93E-5	6.48E-4	5.72E-5
	CC7	-0.0760	-0.0781	-0.0361	-1.07E-4	7.75E-4	7.31E-5
	CC8	-0.0756	-0.0803	-0.0359	-1.07E-4	7.73E-4	7.64E-5
	CC9	0.0245	0.2181	-0.1613	5.77E-5	-4.19E-4	-5.81E-5
	CC10	0.0258	0.2115	-0.1607	5.86E-5	-4.25E-4	-4.82E-5
	CC11	-0.0206	0.2087	-0.1417	-1.12E-6	8.09E-6	-1.82E-5
	CC12	-0.0194	0.2021	-0.1411	-2.67E-7	1.87E-6	-8.35E-6
	CC13	0.0197	-0.2029	-0.0343	3.29E-7	-2.32E-6	5.84E-6
	CC14	0.0209	-0.2096	-0.0337	1.19E-6	-8.54E-6	1.57E-5
	CC15	-0.0255	-0.2123	-0.0147	-5.85E-5	4.25E-4	4.57E-5
	CC16	-0.0242	-0.2190	-0.0141	-5.77E-5	4.19E-4	5.56E-5
558	CC1	0.1397	0.1270	-0.1510	2.13E-4	-7.91E-4	-1.40E-4
	CC2	0.1405	0.1235	-0.1508	2.11E-4	-7.95E-4	-1.35E-4
	CC3	0.1419	-0.0782	-0.1098	1.85E-4	-7.38E-4	-1.07E-4
	CC4	0.1428	-0.0817	-0.1097	1.83E-4	-7.41E-4	-1.01E-4
	CC5	-0.1424	0.0798	-0.0676	-1.88E-4	7.43E-4	9.96E-5
	CC6	-0.1416	0.0763	-0.0674	-1.90E-4	7.40E-4	1.05E-4
	CC7	-0.1401	-0.1255	-0.0264	-2.16E-4	7.97E-4	1.33E-4
	CC8	-0.1393	-0.1289	-0.0263	-2.18E-4	7.93E-4	1.39E-4
	CC9	0.0375	0.3535	-0.1699	1.08E-4	-3.13E-4	-1.02E-4
	CC10	0.0400	0.3430	-0.1695	1.02E-4	-3.24E-4	-8.40E-5
	CC11	-0.0472	0.3394	-0.1449	-1.26E-5	1.48E-4	-2.99E-5
	CC12	-0.0446	0.3288	-0.1445	-1.83E-5	1.37E-4	-1.20E-5
	CC13	0.0450	-0.3307	-0.0328	1.31E-5	-1.34E-4	1.10E-5
	CC14	0.0475	-0.3413	-0.0323	7.42E-6	-1.45E-4	2.88E-5
	CC15	-0.0396	-0.3449	-0.0078	-1.07E-4	3.26E-4	8.30E-5
	CC16	-0.0371	-0.3554	-0.0073	-1.13E-4	3.15E-4	1.01E-4
559	CC1	0.1362	0.1117	-0.1500	5.37E-4	2.98E-5	6.75E-5
	CC2	0.1375	0.1090	-0.1495	5.25E-4	2.91E-5	7.61E-5
	CC3	0.1423	-0.0831	-0.0891	-3.74E-4	-2.08E-5	2.46E-4
	CC4	0.1437	-0.0859	-0.0886	-3.86E-4	-2.14E-5	2.54E-4
	CC5	-0.1434	0.0843	-0.0893	3.78E-4	2.10E-5	-2.49E-4
	CC6	-0.1421	0.0816	-0.0888	3.66E-4	2.03E-5	-2.41E-4
	CC7	-0.1373	-0.1105	-0.0284	-5.33E-4	-2.96E-5	-7.10E-5
	CC8	-0.1359	-0.1133	-0.0279	-5.45E-4	-3.03E-5	-6.24E-5
	CC9	0.0298	0.3323	-0.2003	1.56E-3	8.64E-5	-2.60E-4
	CC10	0.0339	0.3240	-0.1987	1.52E-3	8.43E-5	-2.34E-4
	CC11	-0.0541	0.3241	-0.1821	1.51E-3	8.38E-5	-3.55E-4
	CC12	-0.0500	0.3158	-0.1805	1.47E-3	8.17E-5	-3.29E-4
	CC13	0.0502	-0.3173	0.0026	-1.48E-3	-8.21E-5	3.34E-4
	CC14	0.0544	-0.3256	0.0042	-1.52E-3	-8.42E-5	3.60E-4
	CC15	-0.0336	-0.3255	0.0208	-1.53E-3	-8.48E-5	2.39E-4
	CC16	-0.0295	-0.3338	0.0224	-1.57E-3	-8.69E-5	2.65E-4
560	CC1	0.0786	0.0634	-0.1360	5.26E-4	2.92E-5	-1.37E-5
	CC2	0.0794	0.0618	-0.1355	5.12E-4	2.84E-5	-7.01E-6
	CC3	0.0816	-0.0496	-0.0826	-4.14E-4	-2.30E-5	2.05E-4
	CC4	0.0824	-0.0512	-0.0821	-4.27E-4	-2.37E-5	2.12E-4
	CC5	-0.0824	0.0505	-0.0933	4.17E-4	2.31E-5	-2.11E-4
	CC6	-0.0816	0.0489	-0.0928	4.03E-4	2.24E-5	-2.05E-4
	CC7	-0.0793	-0.0625	-0.0400	-5.23E-4	-2.90E-5	7.68E-6
	CC8	-0.0785	-0.0641	-0.0395	-5.36E-4	-2.98E-5	1.43E-5
	CC9	0.0178	0.1924	-0.1838	1.60E-3	8.87E-5	-3.45E-4
	CC10	0.0202	0.1875	-0.1823	1.56E-3	8.64E-5	-3.25E-4
	CC11	-0.0305	0.1885	-0.1710	1.57E-3	8.69E-5	-4.04E-4
	CC12	-0.0280	0.1836	-0.1695	1.52E-3	8.46E-5	-3.84E-4
	CC13	0.0281	-0.1843	-0.0059	-1.53E-3	-8.52E-5	3.85E-4
	CC14	0.0305	-0.1892	-0.0044	-1.58E-3	-8.75E-5	4.05E-4
	CC15	-0.0202	-0.1881	0.0069	-1.57E-3	-8.70E-5	3.25E-4
	CC16	-0.0177	-0.1930	0.0084	-1.61E-3	-8.93E-5	3.46E-4
561	CC1	0.0318	0.0203	-0.1217	3.44E-4	1.91E-5	-4.73E-5
	CC2	0.0322	0.0198	-0.1212	3.32E-4	1.84E-5	-4.36E-5
	CC3	0.0331	-0.0158	-0.0778	-4.51E-4	-2.51E-5	1.26E-4
	CC4	0.0334	-0.0163	-0.0773	-4.63E-4	-2.57E-5	1.29E-4
	CC5	-0.0334	0.0162	-0.0956	4.60E-4	2.56E-5	-1.30E-4
	CC6	-0.0331	0.0157	-0.0952	4.49E-4	2.49E-5	-1.27E-4
	CC7	-0.0322	-0.0199	-0.0517	-3.34E-4	-1.86E-5	4.26E-5
	CC8	-0.0318	-0.0204	-0.0513	-3.46E-4	-1.92E-5	4.64E-5
	CC9	0.0072	0.0615	-0.1642	1.32E-3	7.35E-5	-2.82E-4
	CC10	0.0082	0.0599	-0.1629	1.29E-3	7.15E-5	-2.71E-4

	CC11	-0.0124	0.0603	-0.1564	1.36E-3	7.54E-5	-3.07E-4
	CC12	-0.0113	0.0587	-0.1551	1.32E-3	7.34E-5	-2.96E-4
	CC13	0.0113	-0.0588	-0.0179	-1.33E-3	-7.36E-5	2.95E-4
	CC14	0.0124	-0.0604	-0.0165	-1.36E-3	-7.56E-5	3.06E-4
	CC15	-0.0082	-0.0600	-0.0101	-1.29E-3	-7.16E-5	2.70E-4
	CC16	-0.0072	-0.0616	-0.0087	-1.33E-3	-7.36E-5	2.81E-4
562	CC1	0.0372	0.0165	-0.1009	2.91E-4	1.61E-5	7.81E-6
	CC2	0.0376	0.0162	-0.1004	2.83E-4	1.57E-5	9.15E-6
	CC3	0.0370	-0.0110	-0.0585	-3.29E-4	-1.82E-5	4.08E-5
	CC4	0.0373	-0.0113	-0.0580	-3.36E-4	-1.86E-5	4.21E-5
	CC5	-0.0374	0.0112	-0.1148	3.34E-4	1.85E-5	-4.09E-5
	CC6	-0.0371	0.0109	-0.1142	3.27E-4	1.81E-5	-3.95E-5
	CC7	-0.0377	-0.0163	-0.0724	-2.85E-4	-1.58E-5	-7.90E-6
	CC8	-0.0373	-0.0166	-0.0718	-2.92E-4	-1.62E-5	-6.56E-6
	CC9	0.0109	0.0470	-0.1558	1.04E-3	5.75E-5	-4.91E-5
	CC10	0.0121	0.0461	-0.1542	1.01E-3	5.63E-5	-4.50E-5
	CC11	-0.0114	0.0454	-0.1599	1.05E-3	5.82E-5	-6.37E-5
	CC12	-0.0103	0.0445	-0.1583	1.03E-3	5.70E-5	-5.96E-5
	CC13	0.0102	-0.0446	-0.0144	-1.03E-3	-5.71E-5	6.08E-5
	CC14	0.0113	-0.0455	-0.0128	-1.05E-3	-5.83E-5	6.49E-5
	CC15	-0.0122	-0.0462	-0.0186	-1.02E-3	-5.64E-5	4.62E-5
	CC16	-0.0110	-0.0471	-0.0170	-1.04E-3	-5.76E-5	5.03E-5
563	CC1	0.0401	0.0162	-0.0900	3.37E-4	1.87E-5	-3.09E-5
	CC2	0.0405	0.0160	-0.0894	3.32E-4	1.84E-5	-2.98E-5
	CC3	0.0386	-0.0084	-0.0479	-2.12E-4	-1.18E-5	-5.50E-6
	CC4	0.0390	-0.0086	-0.0473	-2.17E-4	-1.21E-5	-4.46E-6
	CC5	-0.0392	0.0086	-0.1251	2.16E-4	1.20E-5	4.68E-6
	CC6	-0.0388	0.0084	-0.1245	2.11E-4	1.17E-5	5.73E-6
	CC7	-0.0407	-0.0160	-0.0831	-3.33E-4	-1.85E-5	3.01E-5
	CC8	-0.0403	-0.0162	-0.0824	-3.38E-4	-1.87E-5	3.11E-5
	CC9	0.0137	0.0423	-0.1520	9.40E-4	5.22E-5	-4.91E-5
	CC10	0.0149	0.0418	-0.1502	9.26E-4	5.14E-5	-4.60E-5
	CC11	-0.0100	0.0401	-0.1626	9.04E-4	5.02E-5	-3.85E-5
	CC12	-0.0089	0.0395	-0.1607	8.89E-4	4.94E-5	-3.53E-5
	CC13	0.0087	-0.0395	-0.0117	-8.90E-4	-4.94E-5	3.55E-5
	CC14	0.0098	-0.0401	-0.0099	-9.05E-4	-5.02E-5	3.87E-5
	CC15	-0.0151	-0.0418	-0.0223	-9.26E-4	-5.14E-5	4.62E-5
	CC16	-0.0139	-0.0424	-0.0204	-9.41E-4	-5.22E-5	4.93E-5
564	CC1	0.1379	0.1050	-0.1246	5.59E-4	3.10E-5	-1.75E-4
	CC2	0.1392	0.1030	-0.1240	5.47E-4	3.04E-5	-1.68E-4
	CC3	0.1433	-0.0768	-0.0675	-4.67E-4	-2.59E-5	-9.90E-5
	CC4	0.1446	-0.0788	-0.0669	-4.78E-4	-2.66E-5	-9.23E-5
	CC5	-0.1446	0.0776	-0.1106	4.68E-4	2.60E-5	9.28E-5
	CC6	-0.1433	0.0756	-0.1100	4.56E-4	2.53E-5	9.96E-5
	CC7	-0.1392	-0.1042	-0.0536	-5.58E-4	-3.10E-5	1.69E-4
	CC8	-0.1379	-0.1062	-0.0530	-5.69E-4	-3.16E-5	1.76E-4
	CC9	0.0313	0.3095	-0.1869	1.74E-3	9.63E-5	-1.77E-4
	CC10	0.0354	0.3034	-0.1851	1.70E-3	9.44E-5	-1.56E-4
	CC11	-0.0534	0.3013	-0.1827	1.71E-3	9.48E-5	-9.64E-5
	CC12	-0.0493	0.2952	-0.1809	1.67E-3	9.29E-5	-7.60E-5
	CC13	0.0494	-0.2964	0.0034	-1.68E-3	-9.34E-5	7.65E-5
	CC14	0.0534	-0.3025	0.0052	-1.72E-3	-9.54E-5	9.70E-5
	CC15	-0.0354	-0.3046	0.0076	-1.71E-3	-9.50E-5	1.57E-4
	CC16	-0.0313	-0.3108	0.0093	-1.75E-3	-9.69E-5	1.77E-4
565	CC1	0.0833	0.0558	-0.1183	5.02E-4	2.79E-5	2.90E-5
	CC2	0.0841	0.0547	-0.1177	4.91E-4	2.73E-5	3.38E-5
	CC3	0.0851	-0.0408	-0.0681	-4.27E-4	-2.37E-5	1.39E-4
	CC4	0.0859	-0.0419	-0.0676	-4.38E-4	-2.43E-5	1.43E-4
	CC5	-0.0860	0.0414	-0.1076	4.31E-4	2.39E-5	-1.39E-4
	CC6	-0.0852	0.0403	-0.1070	4.20E-4	2.33E-5	-1.34E-4
	CC7	-0.0842	-0.0551	-0.0575	-4.98E-4	-2.77E-5	-2.93E-5
	CC8	-0.0834	-0.0562	-0.0569	-5.09E-4	-2.83E-5	-2.45E-5
	CC9	0.0210	0.1645	-0.1735	1.57E-3	8.73E-5	-1.63E-4
	CC10	0.0235	0.1612	-0.1718	1.54E-3	8.55E-5	-1.48E-4
	CC11	-0.0298	0.1602	-0.1703	1.55E-3	8.61E-5	-2.13E-4
	CC12	-0.0273	0.1569	-0.1686	1.52E-3	8.43E-5	-1.99E-4
	CC13	0.0272	-0.1574	-0.0065	-1.53E-3	-8.47E-5	2.03E-4
	CC14	0.0297	-0.1606	-0.0048	-1.56E-3	-8.65E-5	2.18E-4
	CC15	-0.0236	-0.1617	-0.0033	-1.55E-3	-8.59E-5	1.53E-4
	CC16	-0.0211	-0.1649	-0.0016	-1.58E-3	-8.77E-5	1.67E-4
566	CC1	0.0869	0.0574	-0.0943	5.79E-4	3.21E-5	-7.42E-5
	CC2	0.0877	0.0566	-0.0937	5.71E-4	3.17E-5	-7.12E-5

	CC3	0.0864	-0.0330	-0.0447	-3.79E-4	-2.10E-5	-4.92E-5
	CC4	0.0872	-0.0337	-0.0440	-3.87E-4	-2.15E-5	-4.63E-5
	CC5	-0.0875	0.0336	-0.1308	3.86E-4	2.14E-5	4.78E-5
	CC6	-0.0867	0.0329	-0.1302	3.78E-4	2.10E-5	5.07E-5
	CC7	-0.0880	-0.0568	-0.0811	-5.72E-4	-3.17E-5	7.27E-5
	CC8	-0.0872	-0.0575	-0.0805	-5.80E-4	-3.22E-5	7.57E-5
	CC9	0.0255	0.1552	-0.1657	1.64E-3	9.09E-5	-6.35E-5
	CC10	0.0280	0.1530	-0.1638	1.61E-3	8.95E-5	-5.46E-5
	CC11	-0.0268	0.1481	-0.1767	1.58E-3	8.77E-5	-2.70E-5
	CC12	-0.0243	0.1459	-0.1747	1.55E-3	8.63E-5	-1.80E-5
	CC13	0.0240	-0.1460	-0.0001	-1.56E-3	-8.63E-5	1.96E-5
	CC14	0.0265	-0.1482	0.0018	-1.58E-3	-8.77E-5	2.85E-5
	CC15	-0.0283	-0.1531	-0.0111	-1.61E-3	-8.96E-5	5.62E-5
	CC16	-0.0258	-0.1554	-0.0091	-1.64E-3	-9.09E-5	6.51E-5
567	CC1	0.1397	0.1112	-0.0981	4.42E-4	2.45E-5	-9.13E-5
	CC2	0.1411	0.1097	-0.0974	4.33E-4	2.40E-5	-8.66E-5
	CC3	0.1443	-0.0685	-0.0414	-6.18E-4	-3.43E-5	-1.57E-4
	CC4	0.1457	-0.0700	-0.0407	-6.27E-4	-3.48E-5	-1.52E-4
	CC5	-0.1458	0.0690	-0.1365	6.07E-4	3.37E-5	1.58E-4
	CC6	-0.1445	0.0675	-0.1358	5.97E-4	3.32E-5	1.62E-4
	CC7	-0.1413	-0.1107	-0.0797	-4.53E-4	-2.51E-5	9.23E-5
	CC8	-0.1399	-0.1122	-0.0790	-4.62E-4	-2.57E-5	9.70E-5
	CC9	0.0331	0.3076	-0.1785	1.75E-3	9.69E-5	6.73E-5
	CC10	0.0371	0.3031	-0.1764	1.72E-3	9.53E-5	8.17E-5
	CC11	-0.0526	0.2949	-0.1900	1.80E-3	9.97E-5	1.42E-4
	CC12	-0.0485	0.2904	-0.1879	1.77E-3	9.81E-5	1.56E-4
	CC13	0.0484	-0.2914	0.0107	-1.79E-3	-9.92E-5	-1.51E-4
	CC14	0.0524	-0.2959	0.0129	-1.82E-3	-1.01E-4	-1.36E-4
	CC15	-0.0373	-0.3041	-0.0008	-1.74E-3	-9.64E-5	-7.60E-5
	CC16	-0.0333	-0.3086	0.0014	-1.77E-3	-9.80E-5	-6.17E-5
568	CC1	0.1358	0.2120	-0.1901	1.04E-3	1.99E-28	-2.11E-4
	CC2	0.1372	0.2047	-0.1883	1.00E-3	1.99E-28	-2.03E-4
	CC3	0.1429	-0.0007	-0.1183	-2.37E-5	1.25E-28	-1.31E-4
	CC4	0.1443	-0.0079	-0.1164	-5.90E-5	1.25E-28	-1.23E-4
	CC5	-0.1436	0.0077	-0.0927	3.87E-5	-1.25E-28	1.22E-4
	CC6	-0.1422	0.0005	-0.0908	3.36E-6	-1.25E-28	1.30E-4
	CC7	-0.1365	-0.2050	-0.0208	-1.02E-3	-1.99E-28	2.02E-4
	CC8	-0.1351	-0.2122	-0.0190	-1.06E-3	-1.99E-28	2.10E-4
	CC9	0.0284	0.3959	-0.2417	1.96E-3	1.72E-28	-1.95E-4
	CC10	0.0326	0.3740	-0.2362	1.85E-3	1.72E-28	-1.71E-4
	CC11	-0.0554	0.3347	-0.2125	1.66E-3	7.44E-29	-9.55E-5
	CC12	-0.0512	0.3127	-0.2070	1.55E-3	7.44E-29	-7.08E-5
	CC13	0.0520	-0.3129	-0.0022	-1.57E-3	-7.44E-29	7.00E-5
	CC14	0.0562	-0.3349	0.0034	-1.68E-3	-7.44E-29	9.47E-5
	CC15	-0.0318	-0.3742	0.0271	-1.87E-3	-1.72E-28	1.70E-4
	CC16	-0.0276	-0.3962	0.0326	-1.98E-3	-1.72E-28	1.95E-4
569	CC1	0.0730	0.1167	-0.1791	1.15E-3	2.41E-28	-1.68E-4
	CC2	0.0738	0.1127	-0.1773	1.11E-3	2.41E-28	-1.62E-4
	CC3	0.0765	0.0001	-0.1104	1.32E-5	1.52E-28	-8.14E-5
	CC4	0.0772	-0.0039	-0.1085	-2.63E-5	1.52E-28	-7.50E-5
	CC5	-0.0771	0.0045	-0.0959	2.62E-5	-1.52E-28	7.45E-5
	CC6	-0.0764	0.0005	-0.0941	-1.32E-5	-1.52E-28	8.08E-5
	CC7	-0.0737	-0.1121	-0.0272	-1.11E-3	-2.41E-28	1.61E-4
	CC8	-0.0729	-0.1160	-0.0254	-1.15E-3	-2.41E-28	1.68E-4
	CC9	0.0156	0.2174	-0.2320	2.12E-3	2.07E-28	-1.91E-4
	CC10	0.0179	0.2054	-0.2265	2.00E-3	2.07E-28	-1.72E-4
	CC11	-0.0294	0.1838	-0.2071	1.78E-3	8.93E-29	-1.18E-4
	CC12	-0.0271	0.1717	-0.2015	1.66E-3	8.93E-29	-9.88E-5
	CC13	0.0272	-0.1711	-0.0029	-1.66E-3	-8.93E-29	9.83E-5
	CC14	0.0295	-0.1832	0.0026	-1.78E-3	-8.93E-29	1.18E-4
	CC15	-0.0178	-0.2048	0.0220	-2.00E-3	-2.07E-28	1.71E-4
	CC16	-0.0155	-0.2168	0.0276	-2.12E-3	-2.07E-28	1.90E-4
570	CC1	0.0239	0.0328	-0.1783	7.62E-4	2.65E-28	-1.07E-4
	CC2	0.0242	0.0317	-0.1766	7.36E-4	2.65E-28	-1.03E-4
	CC3	0.0252	-0.0003	-0.1128	2.55E-6	1.66E-28	-3.13E-5
	CC4	0.0254	-0.0014	-0.1111	-2.34E-5	1.66E-28	-2.73E-5
	CC5	-0.0259	0.0017	-0.0890	2.98E-5	-1.66E-28	2.69E-5
	CC6	-0.0256	0.0006	-0.0873	3.92E-6	-1.66E-28	3.08E-5
	CC7	-0.0246	-0.0314	-0.0235	-7.30E-4	-2.65E-28	1.03E-4
	CC8	-0.0243	-0.0325	-0.0218	-7.56E-4	-2.65E-28	1.06E-4
	CC9	0.0047	0.0617	-0.2251	1.42E-3	2.29E-28	-1.52E-4
	CC10	0.0055	0.0583	-0.2200	1.34E-3	2.29E-28	-1.41E-4

	CC11	-0.0102	0.0524	-0.1983	1.20E-3	9.93E-29	-1.12E-4
	CC12	-0.0094	0.0490	-0.1932	1.12E-3	9.93E-29	-1.00E-4
	CC13	0.0090	-0.0487	-0.0068	-1.11E-3	-9.93E-29	9.99E-5
	CC14	0.0098	-0.0521	-0.0017	-1.19E-3	-9.93E-29	1.12E-4
	CC15	-0.0059	-0.0580	0.0199	-1.33E-3	-2.29E-28	1.40E-4
	CC16	-0.0052	-0.0614	0.0251	-1.41E-3	-2.29E-28	1.52E-4
571	CC1	0.0275	0.0309	-0.2014	6.95E-4	3.30E-28	4.04E-5
	CC2	0.0278	0.0298	-0.2000	6.72E-4	3.30E-28	3.99E-5
	CC3	0.0279	-0.0012	-0.1351	-3.89E-5	2.06E-28	-2.33E-5
	CC4	0.0282	-0.0022	-0.1337	-6.20E-5	2.06E-28	-2.38E-5
	CC5	-0.0276	0.0025	-0.0659	6.85E-5	-2.06E-28	2.40E-5
	CC6	-0.0273	0.0015	-0.0645	4.53E-5	-2.06E-28	2.35E-5
	CC7	-0.0272	-0.0295	0.0003	-6.65E-4	-3.30E-28	-3.97E-5
	CC8	-0.0269	-0.0306	0.0017	-6.88E-4	-3.30E-28	-4.02E-5
	CC9	0.0075	0.0594	-0.2326	1.36E-3	2.87E-28	1.10E-4
	CC10	0.0083	0.0562	-0.2285	1.29E-3	2.87E-28	1.08E-4
	CC11	-0.0090	0.0509	-0.1920	1.17E-3	1.26E-28	1.05E-4
	CC12	-0.0082	0.0477	-0.1878	1.10E-3	1.26E-28	1.03E-4
	CC13	0.0088	-0.0474	-0.0118	-1.09E-3	-1.26E-28	-1.03E-4
	CC14	0.0096	-0.0506	-0.0076	-1.16E-3	-1.26E-28	-1.04E-4
	CC15	-0.0077	-0.0559	0.0288	-1.28E-3	-2.87E-28	-1.08E-4
	CC16	-0.0069	-0.0591	0.0330	-1.35E-3	-2.87E-28	-1.09E-4
572	CC1	0.0794	0.1068	-0.2116	1.02E-3	1.95E-28	-3.67E-5
	CC2	0.0802	0.1032	-0.2102	9.84E-4	1.95E-28	-3.45E-5
	CC3	0.0823	-0.0066	-0.1418	-9.24E-5	1.23E-28	-9.13E-5
	CC4	0.0831	-0.0101	-0.1404	-1.26E-4	1.23E-28	-8.92E-5
	CC5	-0.0826	0.0107	-0.0637	1.25E-4	-1.23E-28	8.89E-5
	CC6	-0.0818	0.0072	-0.0623	9.15E-5	-1.23E-28	9.11E-5
	CC7	-0.0797	-0.1026	0.0062	-9.85E-4	-1.95E-28	3.42E-5
	CC8	-0.0789	-0.1062	0.0076	-1.02E-3	-1.95E-28	3.64E-5
	CC9	0.0185	0.2090	-0.2428	2.04E-3	1.68E-28	6.89E-5
	CC10	0.0209	0.1982	-0.2385	1.93E-3	1.68E-28	7.55E-5
	CC11	-0.0301	0.1802	-0.1984	1.77E-3	7.28E-29	1.07E-4
	CC12	-0.0277	0.1693	-0.1941	1.66E-3	7.28E-29	1.13E-4
	CC13	0.0282	-0.1688	-0.0099	-1.67E-3	-7.28E-29	-1.13E-4
	CC14	0.0306	-0.1796	-0.0057	-1.77E-3	-7.28E-29	-1.07E-4
	CC15	-0.0204	-0.1976	0.0344	-1.93E-3	-1.68E-28	-7.57E-5
	CC16	-0.0180	-0.2084	0.0387	-2.04E-3	-1.68E-28	-6.91E-5
573	CC1	0.1415	0.1947	-0.2079	9.83E-4	1.09E-28	-1.08E-4
	CC2	0.1429	0.1882	-0.2063	9.50E-4	1.09E-28	-1.02E-4
	CC3	0.1481	-0.0144	-0.1340	-9.18E-5	6.82E-29	-1.42E-4
	CC4	0.1495	-0.0209	-0.1324	-1.25E-4	6.82E-29	-1.37E-4
	CC5	-0.1488	0.0205	-0.0763	1.03E-4	-6.82E-29	1.36E-4
	CC6	-0.1474	0.0140	-0.0747	6.98E-5	-6.82E-29	1.41E-4
	CC7	-0.1423	-0.1885	-0.0024	-9.72E-4	-1.09E-28	1.01E-4
	CC8	-0.1408	-0.1950	-0.0008	-1.00E-3	-1.09E-28	1.07E-4
	CC9	0.0308	0.3842	-0.2496	1.96E-3	9.45E-29	1.29E-5
	CC10	0.0351	0.3645	-0.2448	1.86E-3	9.45E-29	2.88E-5
	CC11	-0.0563	0.3320	-0.2101	1.70E-3	4.13E-29	8.61E-5
	CC12	-0.0520	0.3123	-0.2053	1.60E-3	4.13E-29	1.02E-4
	CC13	0.0527	-0.3126	-0.0034	-1.62E-3	-4.13E-29	-1.03E-4
	CC14	0.0570	-0.3324	0.0014	-1.72E-3	-4.13E-29	-8.70E-5
	CC15	-0.0344	-0.3649	0.0361	-1.88E-3	-9.45E-29	-2.97E-5
	CC16	-0.0301	-0.3846	0.0409	-1.98E-3	-9.45E-29	-1.38E-5
574	CC1	0.0236	0.0377	-0.1987	8.42E-4	1.88E-28	-5.33E-5
	CC2	0.0238	0.0364	-0.1973	8.13E-4	1.88E-28	-5.12E-5
	CC3	0.0245	0.0016	-0.1344	3.71E-5	1.18E-28	-2.95E-5
	CC4	0.0247	0.0003	-0.1330	8.18E-6	1.18E-28	-2.74E-5
	CC5	-0.0247	0.0000	-0.0672	-1.00E-6	-1.18E-28	2.69E-5
	CC6	-0.0244	-0.0013	-0.0657	-2.99E-5	-1.18E-28	2.90E-5
	CC7	-0.0237	-0.0361	-0.0028	-8.06E-4	-1.88E-28	5.07E-5
	CC8	-0.0235	-0.0374	-0.0014	-8.35E-4	-1.88E-28	5.28E-5
	CC9	0.0053	0.0680	-0.2292	1.52E-3	1.63E-28	-5.50E-5
	CC10	0.0061	0.0641	-0.2248	1.43E-3	1.63E-28	-4.88E-5
	CC11	-0.0091	0.0567	-0.1897	1.26E-3	7.11E-29	-3.10E-5
	CC12	-0.0084	0.0527	-0.1853	1.17E-3	7.11E-29	-2.47E-5
	CC13	0.0085	-0.0524	-0.0148	-1.17E-3	-7.11E-29	2.42E-5
	CC14	0.0092	-0.0563	-0.0104	-1.26E-3	-7.11E-29	3.05E-5
	CC15	-0.0060	-0.0637	0.0247	-1.42E-3	-1.63E-28	4.83E-5
	CC16	-0.0053	-0.0676	0.0291	-1.51E-3	-1.63E-28	5.45E-5
575	CC1	0.0741	0.1268	-0.2114	1.20E-3	4.29E-29	-1.46E-4
	CC2	0.0749	0.1225	-0.2100	1.15E-3	4.29E-29	-1.41E-4

	CC3	0.0773	0.0053	-0.1447	4.53E-5	2.69E-29	-8.32E-5
	CC4	0.0780	0.0009	-0.1433	4.02E-6	2.69E-29	-7.76E-5
	CC5	-0.0774	-0.0003	-0.0615	-3.46E-6	-2.69E-29	7.60E-5
	CC6	-0.0766	-0.0046	-0.0601	-4.48E-5	-2.69E-29	8.17E-5
	CC7	-0.0742	-0.1218	0.0052	-1.15E-3	-4.29E-29	1.39E-4
	CC8	-0.0735	-0.1261	0.0066	-1.20E-3	-4.29E-29	1.45E-4
	CC9	0.0166	0.2286	-0.2382	2.16E-3	3.72E-29	-1.48E-4
	CC10	0.0189	0.2153	-0.2338	2.04E-3	3.72E-29	-1.31E-4
	CC11	-0.0288	0.1904	-0.1932	1.80E-3	1.63E-29	-8.14E-5
	CC12	-0.0265	0.1772	-0.1888	1.68E-3	1.63E-29	-6.43E-5
	CC13	0.0272	-0.1765	-0.0160	-1.68E-3	-1.63E-29	6.27E-5
	CC14	0.0295	-0.1898	-0.0116	-1.80E-3	-1.63E-29	7.99E-5
	CC15	-0.0183	-0.2146	0.0290	-2.03E-3	-3.72E-29	1.29E-4
	CC16	-0.0160	-0.2279	0.0334	-2.16E-3	-3.72E-29	1.47E-4
576	CC1	0.1376	0.2265	-0.2280	1.09E-3	2.71E-28	-2.40E-4
	CC2	0.1390	0.2187	-0.2266	1.05E-3	2.71E-28	-2.31E-4
	CC3	0.1443	0.0077	-0.1590	8.69E-6	1.70E-28	-1.37E-4
	CC4	0.1457	-0.0001	-0.1576	-2.87E-5	1.70E-28	-1.28E-4
	CC5	-0.1444	0.0000	-0.0518	9.57E-6	-1.70E-28	1.25E-4
	CC6	-0.1430	-0.0078	-0.0504	-2.78E-5	-1.70E-28	1.34E-4
	CC7	-0.1377	-0.2188	0.0172	-1.07E-3	-2.71E-28	2.28E-4
	CC8	-0.1363	-0.2266	0.0186	-1.10E-3	-2.71E-28	2.37E-4
	CC9	0.0297	0.4105	-0.2483	2.00E-3	2.34E-28	-2.42E-4
	CC10	0.0339	0.3868	-0.2440	1.89E-3	2.34E-28	-2.14E-4
	CC11	-0.0550	0.3425	-0.1954	1.68E-3	1.02E-28	-1.33E-4
	CC12	-0.0507	0.3188	-0.1912	1.57E-3	1.02E-28	-1.05E-4
	CC13	0.0520	-0.3189	-0.0182	-1.59E-3	-1.02E-28	1.02E-4
	CC14	0.0562	-0.3426	-0.0140	-1.70E-3	-1.02E-28	1.30E-4
	CC15	-0.0326	-0.3869	0.0346	-1.91E-3	-2.34E-28	2.11E-4
	CC16	-0.0284	-0.4106	0.0389	-2.02E-3	-2.34E-28	2.39E-4
577	CC1	0.0259	0.0311	-0.1792	6.90E-4	2.40E-28	-1.66E-5
	CC2	0.0262	0.0300	-0.1776	6.68E-4	2.40E-28	-1.58E-5
	CC3	0.0267	-0.0032	-0.1120	-7.26E-5	1.51E-28	-3.26E-5
	CC4	0.0270	-0.0042	-0.1104	-9.53E-5	1.51E-28	-3.18E-5
	CC5	-0.0269	0.0045	-0.0891	1.02E-4	-1.51E-28	3.21E-5
	CC6	-0.0266	0.0035	-0.0874	7.95E-5	-1.51E-28	3.29E-5
	CC7	-0.0261	-0.0297	-0.0219	-6.61E-4	-2.40E-28	1.61E-5
	CC8	-0.0258	-0.0307	-0.0203	-6.84E-4	-2.40E-28	1.70E-5
	CC9	0.0063	0.0627	-0.2277	1.40E-3	2.07E-28	1.82E-5
	CC10	0.0071	0.0597	-0.2228	1.33E-3	2.07E-28	2.08E-5
	CC11	-0.0096	0.0548	-0.2006	1.22E-3	8.93E-29	3.28E-5
	CC12	-0.0088	0.0517	-0.1957	1.15E-3	8.93E-29	3.55E-5
	CC13	0.0089	-0.0514	-0.0038	-1.15E-3	-8.93E-29	-3.52E-5
	CC14	0.0097	-0.0545	0.0011	-1.21E-3	-8.93E-29	-3.25E-5
	CC15	-0.0069	-0.0593	0.0233	-1.32E-3	-2.07E-28	-2.05E-5
	CC16	-0.0061	-0.0624	0.0282	-1.39E-3	-2.07E-28	-1.79E-5
578	CC1	0.0795	0.1042	-0.1789	9.88E-4	1.95E-29	-5.45E-5
	CC2	0.0803	0.1007	-0.1771	9.56E-4	1.95E-29	-5.17E-5
	CC3	0.0828	-0.0119	-0.1071	-1.23E-4	1.22E-29	-8.88E-5
	CC4	0.0836	-0.0153	-0.1053	-1.56E-4	1.22E-29	-8.60E-5
	CC5	-0.0836	0.0159	-0.0986	1.55E-4	-1.22E-29	8.69E-5
	CC6	-0.0828	0.0125	-0.0969	1.23E-4	-1.22E-29	8.97E-5
	CC7	-0.0802	-0.1001	-0.0268	-9.56E-4	-1.95E-29	5.26E-5
	CC8	-0.0794	-0.1035	-0.0251	-9.89E-4	-1.95E-29	5.53E-5
	CC9	0.0176	0.2121	-0.2363	2.03E-3	1.69E-29	3.23E-5
	CC10	0.0201	0.2018	-0.2310	1.93E-3	1.69E-29	4.07E-5
	CC11	-0.0313	0.1857	-0.2123	1.78E-3	7.37E-3	7.47E-5
	CC12	-0.0288	0.1753	-0.2069	1.68E-3	7.37E-3	8.31E-5
	CC13	0.0289	-0.1747	0.0030	-1.68E-3	-7.37E-3	-8.22E-5
	CC14	0.0313	-0.1850	0.0083	-1.78E-3	-7.37E-3	-7.38E-5
	CC15	-0.0201	-0.2011	0.0271	-1.93E-3	-1.69E-29	-3.98E-5
	CC16	-0.0176	-0.2115	0.0324	-2.03E-3	-1.69E-29	-3.14E-5
579	CC1	0.1428	0.1888	-0.1755	9.58E-4	3.60E-29	-9.31E-5
	CC2	0.1443	0.1826	-0.1735	9.27E-4	3.60E-29	-8.84E-5
	CC3	0.1499	-0.0229	-0.0989	-1.21E-4	2.26E-29	-1.43E-4
	CC4	0.1513	-0.0291	-0.0970	-1.53E-4	2.26E-29	-1.38E-4
	CC5	-0.1511	0.0288	-0.1114	1.31E-4	-2.26E-29	1.40E-4
	CC6	-0.1496	0.0226	-0.1094	9.98E-5	-2.26E-29	1.45E-4
	CC7	-0.1441	-0.1829	-0.0348	-9.48E-4	-3.60E-29	9.03E-5
	CC8	-0.1426	-0.1891	-0.0329	-9.80E-4	-3.60E-29	9.50E-5
	CC9	0.0302	0.3861	-0.2443	1.96E-3	3.10E-29	4.20E-5
	CC10	0.0346	0.3672	-0.2384	1.86E-3	3.10E-29	5.62E-5

	CC11	-0.0580	0.3381	-0.2251	1.71E-3	1.34E-29	1.12E-4
	CC12	-0.0535	0.3192	-0.2191	1.62E-3	1.34E-29	1.26E-4
	CC13	0.0537	-0.3196	0.0108	-1.64E-3	-1.34E-29	-1.24E-4
	CC14	0.0582	-0.3384	0.0168	-1.73E-3	-1.34E-29	-1.10E-4
	CC15	-0.0344	-0.3676	0.0300	-1.89E-3	-3.10E-29	-5.44E-5
	CC16	-0.0300	-0.3864	0.0360	-1.98E-3	-3.10E-29	-4.01E-5
580	CC1	0.0274	0.0595	-0.1649	2.31E-28	-6.14E-4	4.98E-5
	CC2	0.0272	0.0573	-0.1647	2.31E-28	-6.10E-4	4.98E-5
	CC3	0.0271	0.0139	-0.1555	1.45E-28	-6.06E-4	4.39E-5
	CC4	0.0269	0.0117	-0.1554	1.45E-28	-6.02E-4	4.39E-5
	CC5	-0.0259	-0.0119	-0.0439	-1.45E-28	5.80E-4	-4.35E-5
	CC6	-0.0261	-0.0141	-0.0438	-1.45E-28	5.84E-4	-4.35E-5
	CC7	-0.0262	-0.0575	-0.0346	-2.31E-28	5.88E-4	-4.94E-5
	CC8	-0.0264	-0.0597	-0.0344	-2.31E-28	5.92E-4	-4.94E-5
	CC9	0.0093	0.0900	-0.1336	1.99E-28	-2.09E-4	2.41E-5
	CC10	0.0087	0.0834	-0.1331	1.99E-28	-1.98E-4	2.40E-5
	CC11	-0.0067	0.0686	-0.0973	8.62E-29	1.49E-4	-3.85E-6
	CC12	-0.0073	0.0619	-0.0968	8.62E-29	1.61E-4	-3.99E-6
	CC13	0.0083	-0.0621	-0.1025	-8.62E-29	-1.83E-4	4.41E-6
	CC14	0.0077	-0.0688	-0.1020	-8.62E-29	-1.71E-4	4.27E-6
	CC15	-0.0077	-0.0835	-0.0662	-1.99E-28	1.75E-4	-2.36E-5
	CC16	-0.0083	-0.0902	-0.0657	-1.99E-28	1.87E-4	-2.37E-5
581	CC1	0.0262	0.0595	-0.1419	1.73E-28	-5.98E-4	-2.97E-5
	CC2	0.0260	0.0573	-0.1430	1.73E-28	-5.93E-4	-2.95E-5
	CC3	0.0271	0.0138	-0.1675	1.09E-28	-6.14E-4	-4.25E-5
	CC4	0.0269	0.0116	-0.1686	1.09E-28	-6.10E-4	-4.22E-5
	CC5	-0.0258	-0.0120	-0.0311	-1.09E-28	5.85E-4	3.92E-5
	CC6	-0.0260	-0.0142	-0.0322	-1.09E-28	5.90E-4	3.94E-5
	CC7	-0.0249	-0.0577	-0.0568	-1.73E-28	5.69E-4	2.64E-5
	CC8	-0.0251	-0.0599	-0.0579	-1.73E-28	5.74E-4	2.67E-5
	CC9	0.0072	0.0900	-0.0720	1.50E-28	-1.70E-4	9.07E-6
	CC10	0.0066	0.0833	-0.0754	1.50E-28	-1.55E-4	9.77E-6
	CC11	-0.0084	0.0685	-0.0388	6.52E-29	1.85E-4	2.97E-5
	CC12	-0.0090	0.0619	-0.0422	6.52E-29	2.00E-4	3.04E-5
	CC13	0.0101	-0.0623	-0.1576	-6.52E-29	-2.24E-4	-3.35E-5
	CC14	0.0095	-0.0689	-0.1610	-6.52E-29	-2.09E-4	-3.28E-5
	CC15	-0.0055	-0.0837	-0.1244	-1.50E-28	1.31E-4	-1.28E-5
	CC16	-0.0061	-0.0904	-0.1277	-1.50E-28	1.46E-4	-1.21E-5
582	CC1	0.1601	0.2718	-0.1753	1.80E-28	-8.18E-4	-1.36E-4
	CC2	0.1590	0.2619	-0.1746	1.80E-28	-8.13E-4	-1.30E-4
	CC3	0.1630	0.0622	-0.1532	1.13E-28	-8.30E-4	-1.15E-4
	CC4	0.1619	0.0523	-0.1525	1.13E-28	-8.24E-4	-1.10E-4
	CC5	-0.1573	-0.0543	-0.0536	-1.13E-28	8.12E-4	1.06E-4
	CC6	-0.1584	-0.0642	-0.0529	-1.13E-28	8.18E-4	1.12E-4
	CC7	-0.1544	-0.2639	-0.0315	-1.80E-28	8.01E-4	1.27E-4
	CC8	-0.1555	-0.2738	-0.0307	-1.80E-28	8.06E-4	1.32E-4
	CC9	0.0466	0.4124	-0.1593	1.56E-28	-2.40E-4	-8.03E-5
	CC10	0.0435	0.3822	-0.1571	1.56E-28	-2.23E-4	-6.35E-5
	CC11	-0.0486	0.3145	-0.1228	6.80E-29	2.49E-4	-7.67E-6
	CC12	-0.0517	0.2844	-0.1205	6.80E-29	2.66E-4	9.17E-6
	CC13	0.0564	-0.2863	-0.0855	-6.80E-29	-2.78E-4	-1.26E-5
	CC14	0.0532	-0.3165	-0.0833	-6.80E-29	-2.61E-4	4.26E-6
	CC15	-0.0389	-0.3842	-0.0490	-1.56E-28	2.11E-4	6.01E-5
	CC16	-0.0420	-0.4143	-0.0468	-1.56E-28	2.28E-4	7.69E-5
583	CC1	0.0891	0.1548	-0.1702	2.14E-28	-8.12E-4	5.22E-5
	CC2	0.0885	0.1491	-0.1697	2.14E-28	-8.07E-4	5.43E-5
	CC3	0.0906	0.0359	-0.1541	1.34E-28	-8.33E-4	5.41E-5
	CC4	0.0900	0.0302	-0.1537	1.34E-28	-8.28E-4	5.62E-5
	CC5	-0.0870	-0.0311	-0.0491	-1.34E-28	8.04E-4	-5.84E-5
	CC6	-0.0876	-0.0367	-0.0487	-1.34E-28	8.09E-4	-5.63E-5
	CC7	-0.0855	-0.1499	-0.0331	-2.14E-28	7.83E-4	-5.65E-5
	CC8	-0.0861	-0.1556	-0.0326	-2.14E-28	7.88E-4	-5.44E-5
	CC9	0.0263	0.2342	-0.1470	1.85E-28	-2.28E-4	9.21E-6
	CC10	0.0246	0.2170	-0.1456	1.85E-28	-2.13E-4	1.56E-5
	CC11	-0.0265	0.1785	-0.1107	8.12E-29	2.57E-4	-2.40E-5
	CC12	-0.0282	0.1612	-0.1093	8.12E-29	2.72E-4	-1.76E-5
	CC13	0.0313	-0.1620	-0.0935	-8.12E-29	-2.96E-4	1.54E-5
	CC14	0.0295	-0.1793	-0.0921	-8.12E-29	-2.81E-4	2.18E-5
	CC15	-0.0216	-0.2178	-0.0572	-1.85E-28	1.89E-4	-1.78E-5
	CC16	-0.0233	-0.2350	-0.0558	-1.85E-28	2.03E-4	-1.14E-5
584	CC1	0.0896	0.1546	-0.1368	2.36E-28	-8.55E-4	-6.03E-5
	CC2	0.0888	0.1489	-0.1383	2.36E-28	-8.46E-4	-5.77E-5



	CC3	0.0911	0.0358	-0.1716	1.49E-28	-8.41E-4	-6.33E-5
	CC4	0.0903	0.0302	-0.1731	1.49E-28	-8.33E-4	-6.08E-5
	CC5	-0.0870	-0.0312	-0.0305	-1.49E-28	8.06E-4	5.66E-5
	CC6	-0.0877	-0.0369	-0.0320	-1.49E-28	8.15E-4	5.91E-5
	CC7	-0.0855	-0.1500	-0.0653	-2.36E-28	8.20E-4	5.35E-5
	CC8	-0.0862	-0.1556	-0.0668	-2.36E-28	8.28E-4	5.61E-5
	CC9	0.0268	0.2339	-0.0574	2.02E-28	-2.98E-4	-1.84E-5
	CC10	0.0245	0.2167	-0.0621	2.02E-28	-2.72E-4	-1.07E-5
	CC11	-0.0261	0.1782	-0.0255	8.71E-29	2.01E-4	1.67E-5
	CC12	-0.0285	0.1609	-0.0302	8.71E-29	2.27E-4	2.44E-5
	CC13	0.0318	-0.1620	-0.1734	-8.71E-29	-2.53E-4	-2.86E-5
	CC14	0.0295	-0.1792	-0.1781	-8.71E-29	-2.27E-4	-2.09E-5
	CC15	-0.0211	-0.2177	-0.1415	-2.02E-28	2.45E-4	6.45E-6
	CC16	-0.0235	-0.2350	-0.1462	-2.02E-28	2.71E-4	1.42E-5
585	CC1	0.1657	0.2716	-0.1369	1.91E-28	-8.70E-4	-1.42E-4
	CC2	0.1641	0.2617	-0.1389	1.91E-28	-8.61E-4	-1.36E-4
	CC3	0.1641	0.0622	-0.1802	1.20E-28	-8.56E-4	-1.23E-4
	CC4	0.1626	0.0523	-0.1822	1.20E-28	-8.47E-4	-1.17E-4
	CC5	-0.1576	-0.0543	-0.0250	-1.20E-28	8.36E-4	1.13E-4
	CC6	-0.1592	-0.0642	-0.0270	-1.20E-28	8.46E-4	1.19E-4
	CC7	-0.1591	-0.2637	-0.0683	-1.91E-28	8.50E-4	1.32E-4
	CC8	-0.1607	-0.2736	-0.0703	-1.91E-28	8.60E-4	1.38E-4
	CC9	0.0559	0.4120	-0.0451	1.64E-28	-2.99E-4	-8.06E-5
	CC10	0.0511	0.3818	-0.0511	1.64E-28	-2.70E-4	-6.27E-5
	CC11	-0.0411	0.3142	-0.0116	7.13E-29	2.13E-4	-4.14E-6
	CC12	-0.0459	0.2841	-0.0176	7.13E-29	2.42E-4	1.37E-5
	CC13	0.0508	-0.2860	-0.1896	-7.13E-29	-2.52E-4	-1.74E-5
	CC14	0.0461	-0.3162	-0.1956	-7.13E-29	-2.23E-4	4.51E-7
	CC15	-0.0461	-0.3838	-0.1560	-1.64E-28	2.60E-4	5.90E-5
	CC16	-0.0509	-0.4140	-0.1620	-1.64E-28	2.89E-4	7.69E-5
586	CC1	0.0371	0.0800	-0.1485	1.09E-3	-1.25E-4	-5.26E-4
	CC2	0.0369	0.0769	-0.1515	1.05E-3	-1.20E-4	-5.05E-4
	CC3	0.0430	0.0246	-0.2266	3.00E-4	-3.42E-5	-2.34E-4
	CC4	0.0428	0.0216	-0.2297	2.59E-4	-2.96E-5	-2.13E-4
	CC5	-0.0404	-0.0224	0.0274	-2.67E-4	3.05E-5	2.14E-4
	CC6	-0.0406	-0.0254	0.0243	-3.07E-4	3.51E-5	2.35E-4
	CC7	-0.0345	-0.0777	-0.0508	-1.06E-3	1.21E-4	5.06E-4
	CC8	-0.0347	-0.0807	-0.0539	-1.10E-3	1.26E-4	5.27E-4
	CC9	0.0034	0.1117	0.0074	1.58E-3	-1.81E-4	-6.29E-4
	CC10	0.0026	0.1026	-0.0019	1.46E-3	-1.67E-4	-5.66E-4
	CC11	-0.0198	0.0810	0.0601	1.17E-3	-1.34E-4	-4.07E-4
	CC12	-0.0207	0.0718	0.0508	1.05E-3	-1.20E-4	-3.44E-4
	CC13	0.0231	-0.0726	-0.2532	-1.06E-3	1.21E-4	3.45E-4
	CC14	0.0222	-0.0818	-0.2625	-1.18E-3	1.35E-4	4.08E-4
	CC15	-0.0002	-0.1033	-0.2004	-1.47E-3	1.68E-4	5.67E-4
	CC16	-0.0010	-0.1125	-0.2097	-1.59E-3	1.82E-4	6.30E-4
587	CC1	0.0960	0.1834	-0.1493	1.28E-3	-1.47E-4	-4.10E-4
	CC2	0.0949	0.1766	-0.1534	1.24E-3	-1.41E-4	-3.94E-4
	CC3	0.1007	0.0510	-0.2530	3.40E-4	-3.89E-5	-2.14E-4
	CC4	0.0996	0.0442	-0.2571	2.93E-4	-3.35E-5	-1.98E-4
	CC5	-0.0954	-0.0458	0.0510	-2.99E-4	3.42E-5	2.00E-4
	CC6	-0.0965	-0.0526	0.0469	-3.46E-4	3.96E-5	2.16E-4
	CC7	-0.0907	-0.1782	-0.0527	-1.24E-3	1.42E-4	3.96E-4
	CC8	-0.0918	-0.1850	-0.0568	-1.29E-3	1.47E-4	4.12E-4
	CC9	0.0246	0.2645	0.0460	1.88E-3	-2.15E-4	-4.42E-4
	CC10	0.0213	0.2438	0.0336	1.74E-3	-1.98E-4	-3.93E-4
	CC11	-0.0328	0.1958	0.1061	1.40E-3	-1.60E-4	-2.59E-4
	CC12	-0.0361	0.1751	0.0937	1.26E-3	-1.44E-4	-2.10E-4
	CC13	0.0403	-0.1767	-0.2997	-1.27E-3	1.45E-4	2.12E-4
	CC14	0.0371	-0.1974	-0.3121	-1.41E-3	1.61E-4	2.61E-4
	CC15	-0.0171	-0.2454	-0.2396	-1.74E-3	1.99E-4	3.95E-4
	CC16	-0.0204	-0.2661	-0.2520	-1.88E-3	2.15E-4	4.44E-4
588	CC1	0.1696	0.2934	-0.1534	1.29E-3	-1.47E-4	-2.03E-4
	CC2	0.1675	0.2826	-0.1584	1.24E-3	-1.42E-4	-1.94E-4
	CC3	0.1676	0.0782	-0.2805	3.35E-4	-3.83E-5	-1.66E-4
	CC4	0.1654	0.0673	-0.2855	2.87E-4	-3.29E-5	-1.57E-4
	CC5	-0.1602	-0.0698	0.0762	-3.01E-4	3.44E-5	1.66E-4
	CC6	-0.1624	-0.0807	0.0712	-3.48E-4	3.98E-5	1.74E-4
	CC7	-0.1623	-0.2851	-0.0509	-1.25E-3	1.43E-4	2.03E-4
	CC8	-0.1644	-0.2959	-0.0559	-1.30E-3	1.49E-4	2.11E-4
	CC9	0.0587	0.4285	0.0804	1.89E-3	-2.16E-4	-1.26E-4
	CC10	0.0523	0.3956	0.0652	1.75E-3	-2.00E-4	-9.91E-5

	CC11	-0.0402	0.3195	0.1493	1.42E-3	-1.62E-4	-1.51E-5
	CC12	-0.0467	0.2866	0.1341	1.27E-3	-1.45E-4	1.15E-5
	CC13	0.0519	-0.2891	-0.3433	-1.28E-3	1.47E-4	-2.95E-6
	CC14	0.0454	-0.3220	-0.3585	-1.43E-3	1.63E-4	2.36E-5
	CC15	-0.0471	-0.3981	-0.2744	-1.76E-3	2.01E-4	1.08E-4
	CC16	-0.0535	-0.4310	-0.2897	-1.91E-3	2.18E-4	1.34E-4
<b>589</b>	CC1	0.0444	0.0794	-0.2434	1.06E-3	-1.08E-4	-4.83E-4
	CC2	0.0440	0.0764	-0.2411	1.02E-3	-1.04E-4	-4.65E-4
	CC3	0.0396	0.0244	-0.1958	2.80E-4	-2.86E-5	-2.07E-4
	CC4	0.0392	0.0214	-0.1934	2.41E-4	-2.46E-5	-1.89E-4
	CC5	-0.0372	-0.0219	-0.0073	-2.45E-4	2.50E-5	1.94E-4
	CC6	-0.0375	-0.0249	-0.0049	-2.84E-4	2.90E-5	2.13E-4
	CC7	-0.0420	-0.0768	0.0404	-1.02E-3	1.05E-4	4.70E-4
	CC8	-0.0424	-0.0798	0.0427	-1.06E-3	1.09E-4	4.89E-4
	CC9	0.0219	0.1111	-0.2188	1.55E-3	-1.59E-4	-5.88E-4
	CC10	0.0208	0.1020	-0.2116	1.43E-3	-1.46E-4	-5.30E-4
	CC11	-0.0026	0.0807	-0.1479	1.16E-3	-1.19E-4	-3.84E-4
	CC12	-0.0037	0.0717	-0.1408	1.04E-3	-1.07E-4	-3.27E-4
	CC13	0.0057	-0.0721	-0.0599	-1.05E-3	1.07E-4	3.32E-4
	CC14	0.0046	-0.0812	-0.0528	-1.16E-3	1.19E-4	3.90E-4
	CC15	-0.0188	-0.1025	0.0109	-1.44E-3	1.47E-4	5.36E-4
	CC16	-0.0199	-0.1115	0.0181	-1.55E-3	1.59E-4	5.93E-4
<b>590</b>	CC1	0.0988	0.1831	-0.2703	1.29E-3	-1.32E-4	-3.81E-4
	CC2	0.0982	0.1763	-0.2670	1.24E-3	-1.27E-4	-3.65E-4
	CC3	0.0945	0.0512	-0.2034	3.36E-4	-3.44E-5	-1.95E-4
	CC4	0.0939	0.0444	-0.2001	2.89E-4	-2.95E-5	-1.80E-4
	CC5	-0.0903	-0.0455	-0.0035	-2.97E-4	3.04E-5	1.89E-4
	CC6	-0.0909	-0.0523	-0.0002	-3.44E-4	3.52E-5	2.05E-4
	CC7	-0.0946	-0.1774	0.0634	-1.25E-3	1.28E-4	3.75E-4
	CC8	-0.0952	-0.1842	0.0667	-1.30E-3	1.33E-4	3.90E-4
	CC9	0.0383	0.2639	-0.2583	1.89E-3	-1.94E-4	-4.13E-4
	CC10	0.0365	0.2432	-0.2484	1.75E-3	-1.79E-4	-3.67E-4
	CC11	-0.0185	0.1953	-0.1782	1.42E-3	-1.45E-4	-2.42E-4
	CC12	-0.0202	0.1746	-0.1683	1.27E-3	-1.30E-4	-1.96E-4
	CC13	0.0239	-0.1758	-0.0353	-1.28E-3	1.31E-4	2.06E-4
	CC14	0.0221	-0.1965	-0.0254	-1.43E-3	1.46E-4	2.52E-4
	CC15	-0.0329	-0.2444	0.0448	-1.76E-3	1.80E-4	3.77E-4
	CC16	-0.0346	-0.2650	0.0547	-1.90E-3	1.95E-4	4.23E-4
<b>591</b>	CC1	0.1598	0.2957	-0.2919	1.28E-3	-1.31E-4	-2.15E-4
	CC2	0.1591	0.2847	-0.2878	1.24E-3	-1.26E-4	-2.05E-4
	CC3	0.1582	0.0795	-0.2066	3.27E-4	-3.34E-5	-1.71E-4
	CC4	0.1575	0.0686	-0.2025	2.80E-4	-2.86E-5	-1.62E-4
	CC5	-0.1529	-0.0706	-0.0036	-2.89E-4	2.96E-5	1.65E-4
	CC6	-0.1536	-0.0815	0.0005	-3.36E-4	3.44E-5	1.74E-4
	CC7	-0.1545	-0.2867	0.0817	-1.25E-3	1.27E-4	2.08E-4
	CC8	-0.1552	-0.2977	0.0858	-1.29E-3	1.32E-4	2.17E-4
	CC9	0.0530	0.4307	-0.2948	1.90E-3	-1.94E-4	-1.41E-4
	CC10	0.0508	0.3976	-0.2823	1.75E-3	-1.79E-4	-1.14E-4
	CC11	-0.0409	0.3209	-0.2083	1.43E-3	-1.46E-4	-2.76E-5
	CC12	-0.0430	0.2877	-0.1959	1.28E-3	-1.31E-4	-6.09E-8
	CC13	0.0476	-0.2897	-0.0103	-1.29E-3	1.32E-4	2.66E-6
	CC14	0.0455	-0.3229	0.0022	-1.43E-3	1.47E-4	3.02E-5
	CC15	-0.0462	-0.3996	0.0762	-1.76E-3	1.80E-4	1.16E-4
	CC16	-0.0483	-0.4328	0.0886	-1.91E-3	1.95E-4	1.44E-4
<b>592</b>	CC1	0.1425	0.1287	-0.0618	3.05E-4	2.20E-28	-1.71E-4
	CC2	0.1438	0.1281	-0.0608	3.02E-4	2.20E-28	-1.64E-4
	CC3	0.1449	-0.0477	0.0065	-7.61E-4	1.38E-28	-7.99E-5
	CC4	0.1463	-0.0483	0.0074	-7.65E-4	1.38E-28	-7.37E-5
	CC5	-0.1469	0.0468	-0.1835	7.40E-4	-1.38E-28	6.26E-5
	CC6	-0.1455	0.0463	-0.1826	7.36E-4	-1.38E-28	6.89E-5
	CC7	-0.1444	-0.1296	-0.1152	-3.26E-4	-2.20E-28	1.53E-4
	CC8	-0.1431	-0.1301	-0.1143	-3.30E-4	-2.20E-28	1.59E-4
	CC9	0.0370	0.3063	-0.1850	1.71E-3	1.91E-28	-2.01E-4
	CC10	0.0411	0.3048	-0.1821	1.69E-3	1.91E-28	-1.82E-4
	CC11	-0.0498	0.2818	-0.2215	1.84E-3	8.31E-29	-1.31E-4
	CC12	-0.0458	0.2802	-0.2186	1.82E-3	8.31E-29	-1.12E-4
	CC13	0.0452	-0.2817	0.0425	-1.85E-3	-8.31E-29	1.01E-4
	CC14	0.0492	-0.2832	0.0455	-1.86E-3	-8.31E-29	1.20E-4
	CC15	-0.0416	-0.3062	0.0060	-1.72E-3	-1.91E-28	1.71E-4
	CC16	-0.0376	-0.3078	0.0089	-1.73E-3	-1.91E-28	1.90E-4
<b>593</b>	CC1	0.0902	0.0657	-0.0643	6.90E-4	1.45E-28	-7.00E-5
	CC2	0.0911	0.0655	-0.0634	6.87E-4	1.45E-28	-6.71E-5

	CC3	0.0870	-0.0219	-0.0073	-2.58E-4	9.13E-29	-6.25E-5
	CC4	0.0879	-0.0222	-0.0064	-2.61E-4	9.13E-29	-5.96E-5
	CC5	-0.0885	0.0219	-0.1677	2.57E-4	-9.13E-29	5.69E-5
	CC6	-0.0876	0.0217	-0.1669	2.54E-4	-9.13E-29	5.98E-5
	CC7	-0.0917	-0.0658	-0.1107	-6.91E-4	-1.45E-28	6.44E-5
	CC8	-0.0909	-0.0660	-0.1099	-6.94E-4	-1.45E-28	6.73E-5
	CC9	0.0306	0.1529	-0.1679	1.65E-3	1.26E-28	-3.72E-5
	CC10	0.0331	0.1522	-0.1652	1.64E-3	1.26E-28	-2.84E-5
	CC11	-0.0230	0.1397	-0.1989	1.52E-3	5.47E-29	8.33E-7
	CC12	-0.0205	0.1390	-0.1963	1.51E-3	5.47E-29	9.65E-6
	CC13	0.0199	-0.1393	0.0221	-1.51E-3	-5.47E-29	-1.24E-5
	CC14	0.0224	-0.1400	0.0248	-1.52E-3	-5.47E-29	-3.55E-6
	CC15	-0.0337	-0.1525	-0.0089	-1.64E-3	-1.26E-28	2.57E-5
	CC16	-0.0312	-0.1532	-0.0063	-1.65E-3	-1.26E-28	3.45E-5
594	CC1	0.0425	0.0180	-0.0666	4.07E-4	1.24E-32	-1.60E-5
	CC2	0.0429	0.0180	-0.0658	4.06E-4	1.24E-32	-1.52E-5
	CC3	0.0385	-0.0054	-0.0216	-1.24E-4	7.81E-33	-2.67E-5
	CC4	0.0389	-0.0055	-0.0208	-1.25E-4	7.81E-33	-2.59E-5
	CC5	-0.0393	0.0054	-0.1513	1.23E-4	-7.81E-33	2.58E-5
	CC6	-0.0389	0.0054	-0.1505	1.22E-4	-7.81E-33	2.66E-5
	CC7	-0.0433	-0.0180	-0.1063	-4.07E-4	-1.24E-32	1.52E-5
	CC8	-0.0429	-0.0181	-0.1055	-4.09E-4	-1.24E-32	1.60E-5
	CC9	0.0181	0.0411	-0.1495	9.28E-4	1.07E-32	1.02E-5
	CC10	0.0193	0.0409	-0.1471	9.25E-4	1.07E-32	1.26E-5
	CC11	-0.0064	0.0373	-0.1750	8.43E-4	4.64E-33	2.27E-5
	CC12	-0.0052	0.0371	-0.1726	8.39E-4	4.64E-33	2.52E-5
	CC13	0.0048	-0.0372	0.0005	-8.41E-4	-4.64E-33	-2.52E-5
	CC14	0.0060	-0.0373	0.0029	-8.44E-4	-4.64E-33	-2.28E-5
	CC15	-0.0197	-0.0410	-0.0249	-9.26E-4	-1.07E-32	-1.27E-5
	CC16	-0.0186	-0.0411	-0.0225	-9.29E-4	-1.07E-32	-1.02E-5
595	CC1	0.0426	0.0042	-0.0554	9.86E-5	1.65E-28	-1.70E-5
	CC2	0.0430	0.0043	-0.0545	9.90E-5	1.65E-28	-1.63E-5
	CC3	0.0379	-0.0199	-0.0072	-4.57E-4	1.03E-28	-1.82E-5
	CC4	0.0383	-0.0199	-0.0064	-4.57E-4	1.03E-28	-1.75E-5
	CC5	-0.0388	0.0198	-0.1656	4.55E-4	-1.03E-28	1.67E-5
	CC6	-0.0384	0.0199	-0.1647	4.55E-4	-1.03E-28	1.74E-5
	CC7	-0.0435	-0.0043	-0.1174	-1.01E-4	-1.65E-28	1.55E-5
	CC8	-0.0431	-0.0043	-0.1165	-1.00E-4	-1.65E-28	1.62E-5
	CC9	0.0193	0.0379	-0.1511	8.71E-4	1.43E-28	-4.57E-6
	CC10	0.0205	0.0379	-0.1484	8.72E-4	1.43E-28	-2.27E-6
	CC11	-0.0051	0.0426	-0.1842	9.78E-4	6.30E-29	5.54E-6
	CC12	-0.0039	0.0426	-0.1815	9.79E-4	6.30E-29	7.84E-6
	CC13	0.0034	-0.0427	0.0095	-9.81E-4	-6.30E-29	-8.63E-6
	CC14	0.0046	-0.0426	0.0122	-9.80E-4	-6.30E-29	-6.33E-6
	CC15	-0.0210	-0.0380	-0.0235	-8.74E-4	-1.43E-28	1.48E-6
	CC16	-0.0198	-0.0380	-0.0208	-8.73E-4	-1.43E-28	3.78E-6
596	CC1	0.0424	0.0032	-0.0433	6.88E-5	1.58E-29	-8.07E-6
	CC2	0.0428	0.0033	-0.0423	7.11E-5	1.58E-29	-6.69E-6
	CC3	0.0379	-0.0251	0.0088	-5.66E-4	9.95E-3	-1.19E-4
	CC4	0.0383	-0.0250	0.0098	-5.64E-4	9.95E-3	-1.18E-4
	CC5	-0.0389	0.0250	-0.1817	5.62E-4	-9.95E-3	1.20E-4
	CC6	-0.0385	0.0251	-0.1808	5.64E-4	-9.95E-3	1.21E-4
	CC7	-0.0434	-0.0033	-0.1296	-7.28E-5	-1.58E-29	8.59E-6
	CC8	-0.0430	-0.0032	-0.1286	-7.04E-5	-1.58E-29	9.97E-6
	CC9	0.0188	0.0437	-0.1537	9.80E-4	1.37E-29	1.65E-4
	CC10	0.0200	0.0440	-0.1506	9.87E-4	1.37E-29	1.69E-4
	CC11	-0.0056	0.0503	-0.1952	1.13E-3	5.93E-3	2.04E-4
	CC12	-0.0044	0.0506	-0.1922	1.13E-3	5.93E-3	2.08E-4
	CC13	0.0038	-0.0506	0.0202	-1.14E-3	-5.93E-3	-2.06E-4
	CC14	0.0050	-0.0503	0.0233	-1.13E-3	-5.93E-3	-2.02E-4
	CC15	-0.0206	-0.0441	-0.0213	-9.89E-4	-1.37E-29	-1.67E-4
	CC16	-0.0194	-0.0438	-0.0183	-9.81E-4	-1.37E-29	-1.63E-4
597	CC1	0.1435	0.0337	-0.0450	2.52E-4	2.58E-28	-1.34E-4
	CC2	0.1448	0.0337	-0.0439	2.50E-4	2.58E-28	-1.28E-4
	CC3	0.1454	-0.1391	0.0358	-8.15E-4	1.62E-28	-1.42E-4
	CC4	0.1467	-0.1391	0.0369	-8.17E-4	1.62E-28	-1.36E-4
	CC5	-0.1474	0.1370	-0.2125	7.93E-4	-1.62E-28	1.33E-4
	CC6	-0.1461	0.1371	-0.2114	7.92E-4	-1.62E-28	1.38E-4
	CC7	-0.1456	-0.0358	-0.1317	-2.73E-4	-2.58E-28	1.25E-4
	CC8	-0.1443	-0.0358	-0.1306	-2.75E-4	-2.58E-28	1.31E-4
	CC9	0.0382	0.2715	-0.1991	1.69E-3	2.24E-28	-3.76E-5
	CC10	0.0422	0.2715	-0.1957	1.68E-3	2.24E-28	-2.01E-5

	CC11	-0.0491	0.3025	-0.2493	1.85E-3	9.84E-29	4.24E-5
	CC12	-0.0451	0.3025	-0.2459	1.85E-3	9.84E-29	5.99E-5
	CC13	0.0443	-0.3046	0.0703	-1.87E-3	-9.84E-29	-6.33E-5
	CC14	0.0483	-0.3046	0.0737	-1.87E-3	-9.84E-29	-4.58E-5
	CC15	-0.0430	-0.2736	0.0201	-1.71E-3	-2.24E-28	1.67E-5
	CC16	-0.0389	-0.2736	0.0235	-1.71E-3	-2.24E-28	3.42E-5
<b>598</b>	CC1	0.0911	0.0159	-0.0501	1.67E-4	1.67E-28	-6.75E-5
	CC2	0.0919	0.0159	-0.0491	1.67E-4	1.67E-28	-6.44E-5
	CC3	0.0871	-0.0721	0.0150	-7.29E-4	1.05E-28	-9.30E-5
	CC4	0.0879	-0.0720	0.0160	-7.28E-4	1.05E-28	-8.99E-5
	CC5	-0.0887	0.0715	-0.1898	7.18E-4	-1.05E-28	8.70E-5
	CC6	-0.0879	0.0715	-0.1888	7.18E-4	-1.05E-28	9.01E-5
	CC7	-0.0927	-0.0165	-0.1248	-1.78E-4	-1.67E-28	6.15E-5
	CC8	-0.0919	-0.0164	-0.1238	-1.78E-4	-1.67E-28	6.46E-5
	CC9	0.0320	0.1379	-0.1759	1.40E-3	1.45E-28	1.32E-5
	CC10	0.0345	0.1380	-0.1728	1.41E-3	1.45E-28	2.26E-5
	CC11	-0.0220	0.1546	-0.2178	1.57E-3	6.33E-29	5.95E-5
	CC12	-0.0194	0.1547	-0.2148	1.57E-3	6.33E-29	6.90E-5
	CC13	0.0186	-0.1553	0.0409	-1.58E-3	-6.33E-29	-7.19E-5
	CC14	0.0212	-0.1552	0.0440	-1.58E-3	-6.33E-29	-6.24E-5
	CC15	-0.0353	-0.1386	-0.0010	-1.42E-3	-1.45E-28	-2.55E-5
	CC16	-0.0327	-0.1385	0.0020	-1.42E-3	-1.45E-28	-1.61E-5
<b>599</b>	CC1	0.0921	0.0111	-0.0334	1.12E-4	8.86E-29	-4.88E-5
	CC2	0.0930	0.0114	-0.0322	1.15E-4	8.86E-29	-4.57E-5
	CC3	0.0891	-0.0835	0.0427	-7.63E-4	5.55E-29	-1.59E-4
	CC4	0.0900	-0.0832	0.0439	-7.60E-4	5.55E-29	-1.56E-4
	CC5	-0.0910	0.0826	-0.2176	7.47E-4	-5.55E-29	1.57E-4
	CC6	-0.0901	0.0829	-0.2164	7.50E-4	-5.55E-29	1.60E-4
	CC7	-0.0939	-0.0120	-0.1414	-1.27E-4	-8.86E-29	4.66E-5
	CC8	-0.0931	-0.0117	-0.1403	-1.25E-4	-8.86E-29	4.97E-5
	CC9	0.0307	0.1462	-0.1879	1.35E-3	7.68E-29	1.49E-4
	CC10	0.0332	0.1471	-0.1843	1.36E-3	7.68E-29	1.58E-4
	CC11	-0.0243	0.1676	-0.2431	1.54E-3	3.36E-29	2.10E-4
	CC12	-0.0217	0.1686	-0.2396	1.55E-3	3.36E-29	2.20E-4
	CC13	0.0207	-0.1692	0.0659	-1.56E-3	-3.36E-29	-2.19E-4
	CC14	0.0233	-0.1683	0.0694	-1.56E-3	-3.36E-29	-2.09E-4
	CC15	-0.0342	-0.1478	0.0107	-1.37E-3	-7.68E-29	-1.57E-4
	CC16	-0.0316	-0.1468	0.0142	-1.37E-3	-7.68E-29	-1.48E-4
<b>600</b>	CC1	0.1444	0.0233	-0.0256	1.70E-4	8.45E-29	-1.02E-4
	CC2	0.1458	0.0238	-0.0243	1.71E-4	8.45E-29	-9.73E-5
	CC3	0.1467	-0.1523	0.0725	-8.13E-4	5.30E-29	-1.59E-4
	CC4	0.1481	-0.1518	0.0738	-8.11E-4	5.30E-29	-1.53E-4
	CC5	-0.1490	0.1496	-0.2490	7.87E-4	-5.30E-29	1.54E-4
	CC6	-0.1477	0.1501	-0.2477	7.89E-4	-5.30E-29	1.59E-4
	CC7	-0.1467	-0.0260	-0.1510	-1.95E-4	-8.45E-29	9.75E-5
	CC8	-0.1454	-0.0255	-0.1496	-1.94E-4	-8.45E-29	1.03E-4
	CC9	0.0377	0.2718	-0.2196	1.53E-3	7.31E-29	4.74E-5
	CC10	0.0417	0.2733	-0.2156	1.54E-3	7.31E-29	6.29E-5
	CC11	-0.0503	0.3096	-0.2866	1.72E-3	3.18E-29	1.24E-4
	CC12	-0.0463	0.3112	-0.2826	1.72E-3	3.18E-29	1.40E-4
	CC13	0.0454	-0.3134	0.1074	-1.74E-3	-3.18E-29	-1.40E-4
	CC14	0.0494	-0.3119	0.1114	-1.74E-3	-3.18E-29	-1.24E-4
	CC15	-0.0427	-0.2755	0.0403	-1.56E-3	-7.31E-29	-6.28E-5
	CC16	-0.0387	-0.2740	0.0443	-1.55E-3	-7.31E-29	-4.72E-5
<b>601</b>	CC1	0.0446	-0.1151	0.0128	1.57E-28	-5.15E-4	2.42E-4
	CC2	0.0435	-0.1097	0.0093	1.57E-28	-5.09E-4	2.31E-4
	CC3	0.0516	-0.1664	0.0476	9.87E-29	-5.44E-4	3.76E-4
	CC4	0.0505	-0.1611	0.0441	9.87E-29	-5.38E-4	3.64E-4
	CC5	-0.0526	0.1606	-0.2131	-9.87E-29	5.56E-4	-3.57E-4
	CC6	-0.0537	0.1660	-0.2166	-9.87E-29	5.62E-4	-3.68E-4
	CC7	-0.0457	0.1093	-0.1783	-1.57E-28	5.27E-4	-2.23E-4
	CC8	-0.0467	0.1147	-0.1818	-1.57E-28	5.33E-4	-2.34E-4
	CC9	0.0035	0.0358	-0.1033	1.36E-28	-1.13E-4	-1.12E-4
	CC10	0.0003	0.0521	-0.1139	1.36E-28	-9.51E-5	-1.47E-4
	CC11	-0.0257	0.1185	-0.1710	5.92E-29	2.09E-4	-2.92E-4
	CC12	-0.0289	0.1348	-0.1816	5.92E-29	2.26E-4	-3.26E-4
	CC13	0.0268	-0.1353	0.0126	-5.92E-29	-2.08E-4	3.34E-4
	CC14	0.0236	-0.1190	0.0020	-5.92E-29	-1.91E-4	2.99E-4
	CC15	-0.0024	-0.0526	-0.0551	-1.36E-28	1.13E-4	1.54E-4
	CC16	-0.0056	-0.0363	-0.0657	-1.36E-28	1.30E-4	1.20E-4
<b>602</b>	CC1	0.0414	-0.1154	-0.0028	1.06E-28	-5.29E-4	2.05E-4
	CC2	0.0414	-0.1100	-0.0033	1.06E-28	-5.23E-4	1.95E-4

	CC3	0.0361	-0.1667	-0.0044	6.63E-29	-5.17E-4	3.18E-4
	CC4	0.0361	-0.1614	-0.0049	6.63E-29	-5.11E-4	3.08E-4
	CC5	-0.0388	0.1608	-0.1652	-6.63E-29	5.36E-4	-3.03E-4
	CC6	-0.0388	0.1662	-0.1656	-6.63E-29	5.41E-4	-3.13E-4
	CC7	-0.0441	0.1095	-0.1668	-1.06E-28	5.48E-4	-1.91E-4
	CC8	-0.0441	0.1148	-0.1672	-1.06E-28	5.53E-4	-2.00E-4
	CC9	0.0195	0.0357	-0.0573	9.18E-29	-1.75E-4	-9.43E-5
	CC10	0.0196	0.0520	-0.0587	9.18E-29	-1.59E-4	-1.24E-4
	CC11	-0.0045	0.1185	-0.1060	4.02E-29	1.44E-4	-2.47E-4
	CC12	-0.0045	0.1349	-0.1074	4.02E-29	1.60E-4	-2.77E-4
	CC13	0.0018	-0.1355	-0.0626	-4.02E-29	-1.35E-4	2.81E-4
	CC14	0.0018	-0.1191	-0.0640	-4.02E-29	-1.19E-4	2.51E-4
	CC15	-0.0223	-0.0526	-0.1113	-9.18E-29	1.84E-4	1.29E-4
	CC16	-0.0222	-0.0362	-0.1127	-9.18E-29	2.00E-4	9.88E-5
603	CC1	0.1548	-0.3101	0.0304	5.94E-29	-7.79E-4	-4.40E-5
	CC2	0.1534	-0.2953	0.0262	5.94E-29	-7.77E-4	-4.27E-5
	CC3	0.1592	-0.4634	0.0736	3.73E-29	-7.36E-4	1.64E-5
	CC4	0.1577	-0.4486	0.0694	3.73E-29	-7.35E-4	1.77E-5
	CC5	-0.1617	0.4459	-0.2412	-3.73E-29	7.39E-4	-5.64E-6
	CC6	-0.1632	0.4607	-0.2455	-3.73E-29	7.40E-4	-4.37E-6
	CC7	-0.1573	0.2926	-0.1980	-5.94E-29	7.81E-4	5.48E-5
	CC8	-0.1588	0.3074	-0.2023	-5.94E-29	7.82E-4	5.60E-5
	CC9	0.0405	0.1182	-0.1107	5.13E-29	-2.99E-4	-1.02E-4
	CC10	0.0360	0.1632	-0.1237	5.13E-29	-2.93E-4	-9.85E-5
	CC11	-0.0545	0.3450	-0.1922	2.23E-29	1.57E-4	-9.08E-5
	CC12	-0.0590	0.3900	-0.2052	2.23E-29	1.62E-4	-8.70E-5
	CC13	0.0550	-0.3927	0.0333	-2.23E-29	-1.58E-4	9.91E-5
	CC14	0.0505	-0.3477	0.0203	-2.23E-29	-1.53E-4	1.03E-4
	CC15	-0.0399	-0.1659	-0.0482	-5.13E-29	2.97E-4	1.11E-4
	CC16	-0.0444	-0.1209	-0.0611	-5.13E-29	3.02E-4	1.14E-4
604	CC1	0.0937	-0.2050	0.0215	2.04E-29	-6.50E-4	1.24E-4
	CC2	0.0924	-0.1953	0.0176	2.04E-29	-6.48E-4	1.18E-4
	CC3	0.1006	-0.3025	0.0603	1.28E-29	-6.21E-4	2.31E-4
	CC4	0.0992	-0.2928	0.0564	1.28E-29	-6.19E-4	2.25E-4
	CC5	-0.1026	0.2914	-0.2269	-1.28E-29	6.29E-4	-2.13E-4
	CC6	-0.1039	0.3011	-0.2308	-1.28E-29	6.31E-4	-2.19E-4
	CC7	-0.0957	0.1939	-0.1881	-2.04E-29	6.58E-4	-1.06E-4
	CC8	-0.0971	0.2036	-0.1919	-2.04E-29	6.60E-4	-1.12E-4
	CC9	0.0184	0.0726	-0.1068	1.77E-29	-2.38E-4	-1.13E-4
	CC10	0.0143	0.1021	-0.1186	1.77E-29	-2.32E-4	-1.31E-4
	CC11	-0.0405	0.2216	-0.1813	7.76E-3	1.46E-4	-2.14E-4
	CC12	-0.0446	0.2510	-0.1931	7.76E-3	1.51E-4	-2.32E-4
	CC13	0.0412	-0.2524	0.0226	-7.76E-3	-1.41E-4	2.45E-4
	CC14	0.0371	-0.2230	0.0108	-7.76E-3	-1.35E-4	2.26E-4
	CC15	-0.0177	-0.1035	-0.0519	-1.77E-29	2.43E-4	1.43E-4
	CC16	-0.0217	-0.0740	-0.0637	-1.77E-29	2.48E-4	1.25E-4
605	CC1	0.0939	-0.2054	0.0026	9.71E-29	-6.91E-4	9.72E-5
	CC2	0.0931	-0.1957	0.0025	9.71E-29	-6.80E-4	9.22E-5
	CC3	0.0899	-0.3030	-0.0043	6.09E-29	-7.22E-4	1.89E-4
	CC4	0.0891	-0.2933	-0.0044	6.09E-29	-7.12E-4	1.84E-4
	CC5	-0.0936	0.2917	-0.1675	-6.09E-29	7.26E-4	-1.74E-4
	CC6	-0.0943	0.3014	-0.1676	-6.09E-29	7.37E-4	-1.79E-4
	CC7	-0.0976	0.1940	-0.1743	-9.71E-29	6.95E-4	-8.24E-5
	CC8	-0.0983	0.2038	-0.1744	-9.71E-29	7.05E-4	-8.74E-5
	CC9	0.0337	0.0726	-0.0489	8.40E-29	-1.69E-4	-9.95E-5
	CC10	0.0314	0.1021	-0.0491	8.40E-29	-1.37E-4	-1.14E-4
	CC11	-0.0225	0.2217	-0.0999	3.66E-29	2.56E-4	-1.81E-4
	CC12	-0.0248	0.2512	-0.1002	3.66E-29	2.88E-4	-1.96E-4
	CC13	0.0204	-0.2528	-0.0717	-3.66E-29	-2.73E-4	2.06E-4
	CC14	0.0181	-0.2233	-0.0719	-3.66E-29	-2.42E-4	1.91E-4
	CC15	-0.0359	-0.1037	-0.1227	-8.40E-29	1.52E-4	1.24E-4
	CC16	-0.0381	-0.0742	-0.1229	-8.40E-29	1.83E-4	1.09E-4
606	CC1	0.1594	-0.3106	0.0082	4.37E-29	-8.11E-4	-5.70E-5
	CC2	0.1578	-0.2957	0.0085	4.37E-29	-8.01E-4	-5.48E-5
	CC3	0.1571	-0.4641	-0.0043	2.74E-29	-8.32E-4	-7.71E-6
	CC4	0.1554	-0.4492	-0.0039	2.74E-29	-8.22E-4	-5.42E-6
	CC5	-0.1607	0.4463	-0.1696	-2.74E-29	8.26E-4	1.96E-5
	CC6	-0.1623	0.4611	-0.1693	-2.74E-29	8.36E-4	2.18E-5
	CC7	-0.1630	0.2928	-0.1821	-4.37E-29	8.05E-4	6.89E-5
	CC8	-0.1647	0.3076	-0.1817	-4.37E-29	8.15E-4	7.12E-5
	CC9	0.0518	0.1183	-0.0398	3.77E-29	-2.23E-4	-9.01E-5
	CC10	0.0468	0.1633	-0.0389	3.77E-29	-1.92E-4	-8.32E-5

	CC11	-0.0442	0.3454	-0.0931	1.64E-29	2.68E-4	-6.71E-5
	CC12	-0.0492	0.3904	-0.0922	1.64E-29	2.99E-4	-6.02E-5
	CC13	0.0440	-0.3933	-0.0813	-1.64E-29	-2.95E-4	7.43E-5
	CC14	0.0390	-0.3483	-0.0804	-1.64E-29	-2.64E-4	8.13E-5
	CC15	-0.0520	-0.1663	-0.1347	-3.77E-29	1.96E-4	9.73E-5
	CC16	-0.0571	-0.1213	-0.1337	-3.77E-29	2.27E-4	1.04E-4
<b>607</b>	CC1	0.1621	0.3173	-0.2112	1.21E-4	-6.66E-4	1.39E-4
	CC2	0.1608	0.3055	-0.2141	1.17E-4	-6.60E-4	1.48E-4
	CC3	0.1744	0.0938	-0.3066	1.92E-6	-7.03E-4	2.36E-4
	CC4	0.1730	0.0819	-0.3095	-1.42E-6	-6.97E-4	2.45E-4
	CC5	-0.1673	-0.0849	0.1004	6.51E-6	7.18E-4	-2.42E-4
	CC6	-0.1687	-0.0967	0.0974	3.17E-6	7.25E-4	-2.33E-4
	CC7	-0.1551	-0.3084	0.0050	-1.12E-4	6.81E-4	-1.45E-4
	CC8	-0.1564	-0.3202	0.0021	-1.16E-4	6.88E-4	-1.36E-4
	CC9	0.0339	0.4493	0.0121	2.23E-4	-1.44E-4	-1.17E-4
	CC10	0.0298	0.4135	0.0032	2.13E-4	-1.25E-4	-9.00E-5
	CC11	-0.0650	0.3287	0.1056	1.88E-4	2.71E-4	-2.32E-4
	CC12	-0.0690	0.2928	0.0966	1.78E-4	2.90E-4	-2.04E-4
	CC13	0.0747	-0.2958	-0.3057	-1.73E-4	-2.69E-4	2.07E-4
	CC14	0.0706	-0.3316	-0.3147	-1.83E-4	-2.49E-4	2.34E-4
	CC15	-0.0241	-0.4164	-0.2123	-2.07E-4	1.47E-4	9.27E-5
	CC16	-0.0282	-0.4523	-0.2212	-2.18E-4	1.66E-4	1.20E-4
<b>608</b>	CC1	0.1020	0.2172	-0.2091	-4.36E-5	-6.20E-4	2.65E-4
	CC2	0.1014	0.2090	-0.2116	-4.33E-5	-6.16E-4	2.64E-4
	CC3	0.1143	0.0688	-0.2905	-4.85E-5	-6.89E-4	2.33E-4
	CC4	0.1136	0.0606	-0.2930	-4.82E-5	-6.86E-4	2.31E-4
	CC5	-0.1073	-0.0627	0.0862	4.76E-5	6.77E-4	-1.99E-4
	CC6	-0.1079	-0.0709	0.0838	4.78E-5	6.81E-4	-2.00E-4
	CC7	-0.0950	-0.2111	0.0049	4.27E-5	6.08E-4	-2.31E-4
	CC8	-0.0957	-0.2193	0.0024	4.30E-5	6.11E-4	-2.33E-4
	CC9	0.0151	0.3007	-0.0083	-6.25E-6	-8.92E-5	1.42E-4
	CC10	0.0132	0.2759	-0.0158	-5.46E-6	-7.79E-5	1.38E-4
	CC11	-0.0477	0.2167	0.0803	2.11E-5	3.00E-4	3.07E-6
	CC12	-0.0496	0.1919	0.0728	2.19E-5	3.11E-4	-1.59E-6
	CC13	0.0560	-0.1940	-0.2795	-2.25E-5	-3.20E-4	3.42E-5
	CC14	0.0540	-0.2188	-0.2871	-2.17E-5	-3.09E-4	2.95E-5
	CC15	-0.0068	-0.2780	-0.1909	4.83E-6	6.90E-5	-1.05E-4
	CC16	-0.0088	-0.3028	-0.1985	5.63E-6	8.03E-5	-1.10E-4
<b>609</b>	CC1	0.0461	0.1285	-0.2054	-1.68E-4	-5.74E-4	3.00E-4
	CC2	0.0460	0.1235	-0.2075	-1.72E-4	-5.70E-4	2.92E-4
	CC3	0.0572	0.0455	-0.2756	-2.13E-4	-6.35E-4	1.75E-4
	CC4	0.0571	0.0406	-0.2778	-2.17E-4	-6.31E-4	1.67E-4
	CC5	-0.0530	-0.0417	0.0735	2.54E-4	5.83E-4	-1.47E-4
	CC6	-0.0531	-0.0466	0.0713	2.49E-4	5.87E-4	-1.55E-4
	CC7	-0.0419	-0.1247	0.0032	2.09E-4	5.22E-4	-2.73E-4
	CC8	-0.0420	-0.1296	0.0010	2.05E-4	5.27E-4	-2.81E-4
	CC9	-0.0014	0.1707	-0.0236	3.65E-5	-1.03E-4	2.99E-4
	CC10	-0.0016	0.1558	-0.0301	2.33E-5	-8.94E-5	2.75E-4
	CC11	-0.0311	0.1197	0.0601	1.63E-4	2.44E-4	1.65E-4
	CC12	-0.0314	0.1048	0.0535	1.50E-4	2.58E-4	1.40E-4
	CC13	0.0355	-0.1059	-0.2578	-1.13E-4	-3.05E-4	-1.21E-4
	CC14	0.0352	-0.1208	-0.2644	-1.26E-4	-2.92E-4	-1.45E-4
	CC15	0.0057	-0.1570	-0.1742	1.34E-5	4.18E-5	-2.55E-4
	CC16	0.0055	-0.1719	-0.1807	2.17E-7	5.50E-5	-2.79E-4
<b>610</b>	CC1	0.0645	0.1278	-0.2377	1.12E-3	-8.26E-4	2.49E-4
	CC2	0.0638	0.1229	-0.2380	1.08E-3	-8.16E-4	2.40E-4
	CC3	0.0628	0.0455	-0.2690	4.69E-4	-7.87E-4	6.26E-5
	CC4	0.0622	0.0406	-0.2694	4.28E-4	-7.77E-4	5.38E-5
	CC5	-0.0571	-0.0415	0.0655	-3.25E-4	7.06E-4	-5.01E-5
	CC6	-0.0578	-0.0464	0.0652	-3.66E-4	7.16E-4	-5.90E-5
	CC7	-0.0588	-0.1239	0.0342	-9.80E-4	7.45E-4	-2.36E-4
	CC8	-0.0595	-0.1288	0.0338	-1.02E-3	7.55E-4	-2.45E-4
	CC9	0.0246	0.1696	-0.0946	1.42E-3	-3.45E-4	3.71E-4
	CC10	0.0225	0.1548	-0.0957	1.30E-3	-3.15E-4	3.44E-4
	CC11	-0.0119	0.1188	-0.0037	9.86E-4	1.15E-4	2.81E-4
	CC12	-0.0140	0.1040	-0.0047	8.62E-4	1.45E-4	2.54E-4
	CC13	0.0190	-0.1049	-0.1991	-7.60E-4	-2.15E-4	-2.50E-4
	CC14	0.0170	-0.1198	-0.2002	-8.84E-4	-1.85E-4	-2.77E-4
	CC15	-0.0175	-0.1557	-0.1082	-1.19E-3	2.44E-4	-3.40E-4
	CC16	-0.0195	-0.1706	-0.1093	-1.32E-3	2.74E-4	-3.67E-4
<b>611</b>	CC1	0.0697	0.1278	-0.2779	7.30E-4	-7.24E-4	-8.72E-5
	CC2	0.0685	0.1229	-0.2763	7.02E-4	-7.16E-4	-8.95E-5

	CC3	0.0574	0.0455	-0.2574	2.11E-4	-6.56E-4	-2.15E-4
	CC4	0.0563	0.0406	-0.2558	1.84E-4	-6.48E-4	-2.17E-4
	CC5	-0.0521	-0.0414	0.0524	-2.19E-4	6.01E-4	1.87E-4
	CC6	-0.0532	-0.0463	0.0541	-2.46E-4	6.09E-4	1.85E-4
	CC7	-0.0643	-0.1237	0.0729	-7.37E-4	6.69E-4	6.01E-5
	CC8	-0.0654	-0.1286	0.0746	-7.65E-4	6.77E-4	5.77E-5
	CC9	0.0424	0.1697	-0.1879	1.03E-3	-3.48E-4	1.60E-4
	CC10	0.0390	0.1548	-0.1828	9.47E-4	-3.25E-4	1.53E-4
	CC11	0.0059	0.1189	-0.0887	7.46E-4	4.91E-5	2.42E-4
	CC12	0.0025	0.1040	-0.0837	6.62E-4	7.28E-5	2.35E-4
	CC13	0.0017	-0.1048	-0.1196	-6.97E-4	-1.20E-4	-2.65E-4
	CC14	-0.0017	-0.1197	-0.1146	-7.81E-4	-9.62E-5	-2.72E-4
	CC15	-0.0348	-0.1556	-0.0205	-9.82E-4	2.78E-4	-1.82E-4
	CC16	-0.0382	-0.1704	-0.0155	-1.07E-3	3.01E-4	-1.89E-4
<b>612</b>	CC1	0.1673	0.3173	-0.2538	6.37E-4	-4.70E-4	1.41E-4
	CC2	0.1663	0.3054	-0.2542	6.14E-4	-4.70E-4	1.40E-4
	CC3	0.1782	0.0942	-0.2900	1.65E-4	-5.92E-4	2.98E-5
	CC4	0.1772	0.0824	-0.2904	1.42E-4	-5.91E-4	2.88E-5
	CC5	-0.1713	-0.0851	0.0821	-1.67E-4	6.42E-4	-2.64E-5
	CC6	-0.1724	-0.0969	0.0818	-1.90E-4	6.42E-4	-2.74E-5
	CC7	-0.1604	-0.3081	0.0460	-6.39E-4	5.20E-4	-1.37E-4
	CC8	-0.1615	-0.3199	0.0456	-6.62E-4	5.21E-4	-1.38E-4
	CC9	0.0372	0.4486	-0.0937	9.30E-4	6.06E-5	2.13E-4
	CC10	0.0339	0.4128	-0.0948	8.60E-4	6.17E-5	2.09E-4
	CC11	-0.0644	0.3279	0.0071	6.88E-4	3.94E-4	1.62E-4
	CC12	-0.0677	0.2921	0.0060	6.19E-4	3.95E-4	1.59E-4
	CC13	0.0735	-0.2947	-0.2143	-6.43E-4	-3.45E-4	-1.57E-4
	CC14	0.0702	-0.3306	-0.2154	-7.13E-4	-3.43E-4	-1.60E-4
	CC15	-0.0281	-0.4154	-0.1135	-8.85E-4	-1.10E-5	-2.07E-4
	CC16	-0.0313	-0.4513	-0.1146	-9.55E-4	-9.91E-6	-2.10E-4
<b>613</b>	CC1	0.1210	0.2160	-0.2457	-3.56E-5	-5.06E-4	2.68E-4
	CC2	0.1200	0.2079	-0.2461	-3.58E-5	-5.10E-4	2.60E-4
	CC3	0.1246	0.0688	-0.2795	-4.58E-5	-6.52E-4	4.92E-5
	CC4	0.1236	0.0606	-0.2799	-4.61E-5	-6.55E-4	4.05E-5
	CC5	-0.1157	-0.0625	0.0738	4.58E-5	6.51E-4	-3.32E-5
	CC6	-0.1168	-0.0707	0.0734	4.56E-5	6.48E-4	-4.19E-5
	CC7	-0.1121	-0.2098	0.0399	3.56E-5	5.06E-4	-2.52E-4
	CC8	-0.1132	-0.2180	0.0396	3.53E-5	5.03E-4	-2.61E-4
	CC9	0.0350	0.2986	-0.0941	5.09E-6	7.20E-5	4.27E-4
	CC10	0.0318	0.2739	-0.0952	4.32E-6	6.12E-5	4.01E-4
	CC11	-0.0360	0.2151	0.0018	2.95E-5	4.19E-4	3.37E-4
	CC12	-0.0392	0.1904	0.0007	2.87E-5	4.09E-4	3.11E-4
	CC13	0.0470	-0.1923	-0.2068	-2.90E-5	-4.12E-4	-3.03E-4
	CC14	0.0439	-0.2170	-0.2079	-2.98E-5	-4.23E-4	-3.30E-4
	CC15	-0.0240	-0.2759	-0.1110	-4.59E-6	-6.50E-5	-3.94E-4
	CC16	-0.0272	-0.3006	-0.1121	-5.35E-6	-7.58E-5	-4.20E-4
<b>614</b>	CC1	0.1254	0.2158	-0.2916	-3.75E-5	-5.33E-4	-1.53E-4
	CC2	0.1240	0.2077	-0.2897	-3.78E-5	-5.38E-4	-1.54E-4
	CC3	0.1146	0.0691	-0.2678	-4.85E-5	-6.90E-4	-2.69E-4
	CC4	0.1132	0.0610	-0.2659	-4.88E-5	-6.95E-4	-2.70E-4
	CC5	-0.1067	-0.0625	0.0604	4.83E-5	6.87E-4	2.27E-4
	CC6	-0.1081	-0.0707	0.0623	4.80E-5	6.82E-4	2.26E-4
	CC7	-0.1175	-0.2092	0.0842	3.72E-5	5.30E-4	1.11E-4
	CC8	-0.1189	-0.2174	0.0861	3.69E-5	5.25E-4	1.10E-4
	CC9	0.0582	0.2978	-0.1980	5.79E-6	8.18E-5	1.16E-4
	CC10	0.0540	0.2731	-0.1924	4.82E-6	6.80E-5	1.14E-4
	CC11	-0.0114	0.2143	-0.0924	3.15E-5	4.48E-4	2.30E-4
	CC12	-0.0156	0.1896	-0.0868	3.05E-5	4.34E-4	2.28E-4
	CC13	0.0221	-0.1911	-0.1188	-3.11E-5	-4.42E-4	-2.71E-4
	CC14	0.0179	-0.2158	-0.1131	-3.21E-5	-4.56E-4	-2.73E-4
	CC15	-0.0475	-0.2747	-0.0132	-5.38E-6	-7.60E-5	-1.57E-4
	CC16	-0.0517	-0.2993	-0.0075	-6.35E-6	-8.99E-5	-1.59E-4
<b>615</b>	CC1	0.1727	0.3175	-0.3070	6.64E-4	-4.91E-4	-5.35E-5
	CC2	0.1714	0.3057	-0.3048	6.43E-4	-4.94E-4	-5.44E-5
	CC3	0.1710	0.0949	-0.2767	7.59E-5	-6.34E-4	-1.99E-4
	CC4	0.1698	0.0831	-0.2744	5.43E-5	-6.37E-4	-2.00E-4
	CC5	-0.1644	-0.0855	0.0670	-7.88E-5	6.72E-4	1.85E-4
	CC6	-0.1656	-0.0974	0.0692	-1.00E-4	6.69E-4	1.84E-4
	CC7	-0.1660	-0.3081	0.0973	-6.67E-4	5.29E-4	4.00E-5
	CC8	-0.1672	-0.3200	0.0996	-6.89E-4	5.26E-4	3.90E-5
	CC9	0.0578	0.4482	-0.2138	1.11E-3	8.67E-5	2.01E-4
	CC10	0.0541	0.4123	-0.2071	1.05E-3	7.63E-5	1.98E-4

	CC11	-0.0433	0.3273	-0.1016	8.90E-4	4.36E-4	2.72E-4
	CC12	-0.0470	0.2914	-0.0949	8.24E-4	4.25E-4	2.69E-4
	CC13	0.0524	-0.2938	-0.1126	-8.49E-4	-3.90E-4	-2.84E-4
	CC14	0.0487	-0.3297	-0.1058	-9.14E-4	-4.01E-4	-2.87E-4
	CC15	-0.0487	-0.4147	-0.0004	-1.07E-3	-4.14E-5	-2.12E-4
	CC16	-0.0524	-0.4506	0.0064	-1.14E-3	-5.19E-5	-2.15E-4
<b>616</b>	CC1	0.2976	-0.5242	0.0155	5.91E-3	-8.73E-4	-2.53E-4
	CC2	0.2954	-0.4986	0.0103	5.91E-3	-8.66E-4	-2.43E-4
	CC3	0.3036	-0.8222	0.0773	3.72E-3	-9.12E-4	-2.22E-4
	CC4	0.3014	-0.7965	0.0721	3.72E-3	-9.05E-4	-2.11E-4
	CC5	-0.3044	0.7906	-0.2476	-3.72E-3	8.95E-4	2.19E-4
	CC6	-0.3066	0.8163	-0.2528	-3.72E-3	9.03E-4	2.30E-4
	CC7	-0.2985	0.4927	-0.1858	-5.91E-3	8.57E-4	2.51E-4
	CC8	-0.3006	0.5183	-0.1910	-5.91E-3	8.64E-4	2.62E-4
	CC9	0.0822	0.2575	-0.1435	5.11E-3	-2.17E-4	-1.36E-4
	CC10	0.0755	0.3353	-0.1591	5.11E-3	-1.94E-4	-1.03E-4
	CC11	-0.0984	0.6519	-0.2224	2.22E-3	3.14E-4	5.68E-6
	CC12	-0.1051	0.7298	-0.2381	2.22E-3	3.36E-4	3.90E-5
	CC13	0.1020	-0.7357	0.0626	-2.22E-3	-3.45E-4	-3.08E-5
	CC14	0.0954	-0.6578	0.0469	-2.22E-3	-3.23E-4	2.49E-6
	CC15	-0.0786	-0.3412	-0.0164	-5.11E-3	1.85E-4	1.11E-4
	CC16	-0.0852	-0.2634	-0.0320	-5.11E-3	2.08E-4	1.44E-4
<b>617</b>	CC1	0.3093	-0.5228	-0.0742	1.52E-28	-9.18E-4	-2.52E-4
	CC2	0.3061	-0.4973	-0.0738	1.52E-28	-9.07E-4	-2.41E-4
	CC3	0.3058	-0.8199	-0.0795	9.54E-29	-9.49E-4	-2.18E-4
	CC4	0.3026	-0.7943	-0.0791	9.54E-29	-9.38E-4	-2.07E-4
	CC5	-0.3062	0.7881	-0.0990	-9.54E-29	9.29E-4	2.11E-4
	CC6	-0.3094	0.8137	-0.0986	-9.54E-29	9.41E-4	2.22E-4
	CC7	-0.3097	0.4910	-0.1043	-1.52E-28	8.98E-4	2.45E-4
	CC8	-0.3129	0.5166	-0.1039	-1.52E-28	9.10E-4	2.56E-4
	CC9	0.1012	0.2566	-0.0771	1.31E-28	-2.47E-4	-1.40E-4
	CC10	0.0915	0.3342	-0.0759	1.31E-28	-2.12E-4	-1.08E-4
	CC11	-0.0834	0.6499	-0.0845	5.69E-29	3.08E-4	-1.34E-6
	CC12	-0.0932	0.7275	-0.0834	5.69E-29	3.42E-4	3.12E-5
	CC13	0.0895	-0.7337	-0.0948	-5.69E-29	-3.50E-4	-2.71E-5
	CC14	0.0798	-0.6561	-0.0936	-5.69E-29	-3.16E-4	5.40E-6
	CC15	-0.0951	-0.3404	-0.1022	-1.31E-28	2.04E-4	1.12E-4
	CC16	-0.1049	-0.2628	-0.1010	-1.31E-28	2.38E-4	1.44E-4
<b>618</b>	CC1	0.4519	-0.7941	0.0255	1.49E-28	-8.71E-4	-4.24E-4
	CC2	0.4484	-0.7547	0.0197	1.49E-28	-8.63E-4	-4.05E-4
	CC3	0.4655	-1.2681	0.0956	9.33E-29	-9.15E-4	-3.65E-4
	CC4	0.4620	-1.2286	0.0898	9.33E-29	-9.07E-4	-3.47E-4
	CC5	-0.4626	1.2175	-0.2681	-9.33E-29	8.84E-4	3.52E-4
	CC6	-0.4661	1.2569	-0.2739	-9.33E-29	8.91E-4	3.70E-4
	CC7	-0.4490	0.7435	-0.1980	-1.49E-28	8.40E-4	4.10E-4
	CC8	-0.4526	0.7830	-0.2038	-1.49E-28	8.47E-4	4.28E-4
	CC9	0.1196	0.4227	-0.1532	1.28E-28	-2.13E-4	-2.39E-4
	CC10	0.1089	0.5424	-0.1707	1.28E-28	-1.90E-4	-1.84E-4
	CC11	-0.1547	1.0262	-0.2413	5.57E-29	3.13E-4	-6.69E-6
	CC12	-0.1655	1.1459	-0.2588	5.57E-29	3.36E-4	4.82E-5
	CC13	0.1648	-1.1571	0.0805	-5.57E-29	-3.59E-4	-4.35E-5
	CC14	0.1541	-1.0373	0.0630	-5.57E-29	-3.37E-4	1.14E-5
	CC15	-0.1095	-0.5536	-0.0076	-1.28E-28	1.67E-4	1.89E-4
	CC16	-0.1203	-0.4338	-0.0251	-1.28E-28	1.90E-4	2.44E-4
<b>619</b>	CC1	0.3753	-0.6561	0.0215	4.12E-29	-8.89E-4	-3.41E-4
	CC2	0.3724	-0.6237	0.0160	4.12E-29	-8.81E-4	-3.27E-4
	CC3	0.3849	-1.0394	0.0881	2.58E-29	-9.35E-4	-2.99E-4
	CC4	0.3821	-1.0071	0.0826	2.58E-29	-9.27E-4	-2.84E-4
	CC5	-0.3842	0.9987	-0.2596	-2.58E-29	9.16E-4	2.92E-4
	CC6	-0.3871	1.0311	-0.2651	-2.58E-29	9.24E-4	3.06E-4
	CC7	-0.3746	0.6154	-0.1930	-4.12E-29	8.69E-4	3.34E-4
	CC8	-0.3774	0.6477	-0.1985	-4.12E-29	8.77E-4	3.49E-4
	CC9	0.1011	0.3375	-0.1489	3.57E-29	-2.11E-4	-1.85E-4
	CC10	0.0924	0.4357	-0.1657	3.57E-29	-1.86E-4	-1.40E-4
	CC11	-0.1268	0.8339	-0.2332	1.56E-29	3.31E-4	5.36E-6
	CC12	-0.1354	0.9321	-0.2500	1.56E-29	3.55E-4	5.01E-5
	CC13	0.1333	-0.9405	0.0730	-1.56E-29	-3.66E-4	-4.24E-5
	CC14	0.1246	-0.8422	0.0563	-1.56E-29	-3.42E-4	2.31E-6
	CC15	-0.0946	-0.4440	-0.0113	-3.57E-29	1.75E-4	1.47E-4
	CC16	-0.1033	-0.3458	-0.0281	-3.57E-29	1.99E-4	1.92E-4
<b>620</b>	CC1	0.3884	-0.6563	-0.0706	5.99E-29	-9.53E-4	-3.43E-4
	CC2	0.3841	-0.6239	-0.0700	5.99E-29	-9.40E-4	-3.28E-4



	CC3	0.3947	-1.0399	-0.0782	3.78E-29	-9.90E-4	-3.01E-4
	CC4	0.3904	-1.0075	-0.0776	3.78E-29	-9.78E-4	-2.86E-4
	CC5	-0.3934	0.9990	-0.1024	-3.78E-29	9.71E-4	2.95E-4
	CC6	-0.3977	1.0314	-0.1019	-3.78E-29	9.83E-4	3.09E-4
	CC7	-0.3871	0.6155	-0.1101	-5.99E-29	9.33E-4	3.36E-4
	CC8	-0.3913	0.6478	-0.1095	-5.99E-29	9.46E-4	3.51E-4
	CC9	0.1117	0.3376	-0.0734	5.14E-29	-2.49E-4	-1.83E-4
	CC10	0.0987	0.4358	-0.0717	5.14E-29	-2.11E-4	-1.39E-4
	CC11	-0.1228	0.8342	-0.0830	2.21E-29	3.28E-4	7.81E-6
	CC12	-0.1358	0.9324	-0.0813	2.21E-29	3.66E-4	5.23E-5
	CC13	0.1328	-0.9409	-0.0988	-2.21E-29	-3.73E-4	-4.38E-5
	CC14	0.1198	-0.8427	-0.0971	-2.21E-29	-3.35E-4	7.42E-7
	CC15	-0.1017	-0.4443	-0.1084	-5.14E-29	2.04E-4	1.47E-4
	CC16	-0.1147	-0.3461	-0.1067	-5.14E-29	2.42E-4	1.92E-4
621	CC1	0.4697	-0.7959	-0.0647	1.18E-28	-9.08E-4	-4.32E-4
	CC2	0.4644	-0.7563	-0.0639	1.18E-28	-8.97E-4	-4.13E-4
	CC3	0.4785	-1.2710	-0.0755	7.40E-29	-9.31E-4	-3.79E-4
	CC4	0.4732	-1.2314	-0.0747	7.40E-29	-9.20E-4	-3.61E-4
	CC5	-0.4747	1.2203	-0.1070	-7.40E-29	8.93E-4	3.73E-4
	CC6	-0.4800	1.2599	-0.1062	-7.40E-29	9.04E-4	3.92E-4
	CC7	-0.4659	0.7453	-0.1177	-1.18E-28	8.71E-4	4.26E-4
	CC8	-0.4712	0.7848	-0.1169	-1.18E-28	8.81E-4	4.44E-4
	CC9	0.1343	0.4238	-0.0678	1.02E-28	-2.62E-4	-2.30E-4
	CC10	0.1182	0.5438	-0.0654	1.02E-28	-2.30E-4	-1.73E-4
	CC11	-0.1490	1.0286	-0.0805	4.43E-29	2.78E-4	1.17E-5
	CC12	-0.1651	1.1487	-0.0781	4.43E-29	3.10E-4	6.82E-5
	CC13	0.1636	-1.1598	-0.1036	-4.43E-29	-3.37E-4	-5.53E-5
	CC14	0.1475	-1.0397	-0.1012	-4.43E-29	-3.05E-4	1.22E-6
	CC15	-0.1197	-0.5549	-0.1162	-1.02E-28	2.03E-4	1.86E-4
	CC16	-0.1358	-0.4349	-0.1138	-1.02E-28	2.36E-4	2.43E-4
622	CC1	0.3189	-0.5418	0.1175	-1.51E-3	-2.32E-4	-3.31E-4
	CC2	0.3145	-0.5155	0.1239	-1.43E-3	-2.21E-4	-3.16E-4
	CC3	0.3145	-0.8370	0.0340	-2.42E-3	-3.72E-4	-3.46E-4
	CC4	0.3102	-0.8107	0.0404	-2.34E-3	-3.61E-4	-3.31E-4
	CC5	-0.3146	0.8038	-0.2203	2.31E-3	3.56E-4	3.32E-4
	CC6	-0.3190	0.8302	-0.2138	2.39E-3	3.68E-4	3.47E-4
	CC7	-0.3190	0.5086	-0.3038	1.41E-3	2.17E-4	3.17E-4
	CC8	-0.3234	0.5350	-0.2974	1.48E-3	2.28E-4	3.32E-4
	CC9	0.1067	0.2467	0.0902	8.11E-4	1.25E-4	-9.63E-5
	CC10	0.0934	0.3268	0.1097	1.04E-3	1.60E-4	-5.15E-5
	CC11	-0.0834	0.6504	-0.0111	1.96E-3	3.02E-4	1.03E-4
	CC12	-0.0966	0.7305	0.0083	2.19E-3	3.37E-4	1.47E-4
	CC13	0.0922	-0.7373	-0.1881	-2.21E-3	-3.41E-4	-1.47E-4
	CC14	0.0789	-0.6573	-0.1687	-1.99E-3	-3.06E-4	-1.02E-4
	CC15	-0.0979	-0.3336	-0.2895	-1.07E-3	-1.64E-4	5.23E-5
	CC16	-0.1111	-0.2536	-0.2700	-8.39E-4	-1.29E-4	9.71E-5
623	CC1	0.4039	-0.6808	-0.2355	-1.69E-3	-2.60E-4	-3.26E-4
	CC2	0.3982	-0.6474	-0.2283	-1.61E-3	-2.47E-4	-3.13E-4
	CC3	0.4000	-1.0626	-0.3303	-2.72E-3	-4.18E-4	-2.68E-4
	CC4	0.3943	-1.0291	-0.3230	-2.63E-3	-4.05E-4	-2.55E-4
	CC5	-0.3979	1.0202	0.1412	2.61E-3	4.02E-4	2.49E-4
	CC6	-0.4036	1.0536	0.1484	2.69E-3	4.15E-4	2.63E-4
	CC7	-0.4018	0.6384	0.0465	1.58E-3	2.44E-4	3.07E-4
	CC8	-0.4075	0.6719	0.0537	1.67E-3	2.57E-4	3.21E-4
	CC9	0.1336	0.3260	-0.0004	9.25E-4	1.43E-4	-2.06E-4
	CC10	0.1162	0.4274	0.0215	1.18E-3	1.82E-4	-1.65E-4
	CC11	-0.1070	0.8363	0.1126	2.21E-3	3.41E-4	-3.36E-5
	CC12	-0.1243	0.9377	0.1345	2.47E-3	3.81E-4	7.36E-6
	CC13	0.1207	-0.9466	-0.3163	-2.50E-3	-3.84E-4	-1.29E-5
	CC14	0.1034	-0.8452	-0.2944	-2.24E-3	-3.45E-4	2.80E-5
	CC15	-0.1199	-0.4363	-0.2033	-1.21E-3	-1.86E-4	1.60E-4
	CC16	-0.1372	-0.3349	-0.1814	-9.48E-4	-1.46E-4	2.01E-4
624	CC1	0.4893	-0.8273	-0.2468	-1.69E-3	-2.60E-4	-3.28E-4
	CC2	0.4823	-0.7864	-0.2390	-1.60E-3	-2.47E-4	-3.15E-4
	CC3	0.4863	-1.3010	-0.3502	-2.71E-3	-4.18E-4	-2.04E-4
	CC4	0.4792	-1.2601	-0.3424	-2.63E-3	-4.05E-4	-1.92E-4
	CC5	-0.4812	1.2488	0.1590	2.59E-3	4.00E-4	1.79E-4
	CC6	-0.4883	1.2897	0.1668	2.68E-3	4.13E-4	1.91E-4
	CC7	-0.4843	0.7751	0.0556	1.57E-3	2.41E-4	3.02E-4
	CC8	-0.4914	0.8161	0.0634	1.65E-3	2.54E-4	3.15E-4
	CC9	0.1605	0.4103	0.0079	9.24E-4	1.42E-4	-3.07E-4
	CC10	0.1390	0.5344	0.0316	1.18E-3	1.82E-4	-2.69E-4

	CC11	-0.1307	1.0331	0.1296	2.21E-3	3.40E-4	-1.55E-4
	CC12	-0.1522	1.1573	0.1533	2.47E-3	3.80E-4	-1.17E-4
	CC13	0.1502	-1.1685	-0.3367	-2.50E-3	-3.86E-4	1.05E-4
	CC14	0.1287	-1.0444	-0.3131	-2.24E-3	-3.46E-4	1.42E-4
	CC15	-0.1410	-0.5457	-0.2150	-1.22E-3	-1.88E-4	2.57E-4
	CC16	-0.1625	-0.4216	-0.1913	-9.61E-4	-1.48E-4	2.94E-4
625	CC1	0.2892	-0.5442	0.1304	-1.48E-3	-2.27E-4	-2.89E-4
	CC2	0.2879	-0.5177	0.1196	-1.41E-3	-2.16E-4	-2.77E-4
	CC3	0.2985	-0.8410	0.2579	-2.40E-3	-3.68E-4	-2.76E-4
	CC4	0.2972	-0.8145	0.2470	-2.32E-3	-3.57E-4	-2.63E-4
	CC5	-0.3000	0.8085	-0.4193	2.30E-3	3.52E-4	2.58E-4
	CC6	-0.3013	0.8350	-0.4302	2.37E-3	3.64E-4	2.70E-4
	CC7	-0.2906	0.5117	-0.2919	1.38E-3	2.12E-4	2.71E-4
	CC8	-0.2919	0.5382	-0.3028	1.45E-3	2.23E-4	2.83E-4
	CC9	0.0734	0.2485	-0.1995	8.35E-4	1.28E-4	-1.26E-4
	CC10	0.0694	0.3289	-0.2326	1.06E-3	1.63E-4	-8.85E-5
	CC11	-0.1034	0.6543	-0.3645	1.97E-3	3.02E-4	3.78E-5
	CC12	-0.1073	0.7347	-0.3975	2.19E-3	3.37E-4	7.55E-5
	CC13	0.1045	-0.7407	0.2252	-2.22E-3	-3.41E-4	-8.13E-5
	CC14	0.1006	-0.6603	0.1921	-1.99E-3	-3.06E-4	-4.36E-5
	CC15	-0.0722	-0.3349	0.0603	-1.09E-3	-1.67E-4	8.28E-5
	CC16	-0.0761	-0.2545	0.0272	-8.62E-4	-1.32E-4	1.20E-4
626	CC1	0.3628	-0.6801	0.1456	-1.58E-3	-2.43E-4	-3.41E-4
	CC2	0.3611	-0.6467	0.1339	-1.50E-3	-2.31E-4	-3.26E-4
	CC3	0.3771	-1.0615	0.2844	-2.57E-3	-3.95E-4	-2.93E-4
	CC4	0.3754	-1.0281	0.2727	-2.49E-3	-3.83E-4	-2.79E-4
	CC5	-0.3773	1.0197	-0.4460	2.46E-3	3.78E-4	2.73E-4
	CC6	-0.3789	1.0531	-0.4577	2.54E-3	3.90E-4	2.87E-4
	CC7	-0.3629	0.6383	-0.3072	1.47E-3	2.26E-4	3.21E-4
	CC8	-0.3646	0.6717	-0.3189	1.55E-3	2.38E-4	3.35E-4
	CC9	0.0888	0.3258	-0.2114	9.07E-4	1.39E-4	-1.96E-4
	CC10	0.0836	0.4271	-0.2470	1.15E-3	1.76E-4	-1.53E-4
	CC11	-0.1332	0.8357	-0.3889	2.12E-3	3.26E-4	-1.20E-5
	CC12	-0.1384	0.9370	-0.4245	2.36E-3	3.63E-4	3.14E-5
	CC13	0.1365	-0.9454	0.2512	-2.39E-3	-3.67E-4	-3.68E-5
	CC14	0.1314	-0.8441	0.2157	-2.15E-3	-3.30E-4	6.59E-6
	CC15	-0.0855	-0.4355	0.0737	-1.18E-3	-1.81E-4	1.47E-4
	CC16	-0.0906	-0.3342	0.0382	-9.38E-4	-1.44E-4	1.91E-4
627	CC1	0.4367	-0.8232	0.1567	-1.65E-3	-2.53E-4	-4.04E-4
	CC2	0.4346	-0.7825	0.1444	-1.57E-3	-2.40E-4	-3.87E-4
	CC3	0.4559	-1.2943	0.3042	-2.69E-3	-4.13E-4	-3.31E-4
	CC4	0.4539	-1.2536	0.2919	-2.60E-3	-4.00E-4	-3.14E-4
	CC5	-0.4542	1.2424	-0.4659	2.57E-3	3.94E-4	3.10E-4
	CC6	-0.4563	1.2831	-0.4782	2.65E-3	4.07E-4	3.27E-4
	CC7	-0.4350	0.7713	-0.3184	1.53E-3	2.35E-4	3.83E-4
	CC8	-0.4370	0.8120	-0.3307	1.61E-3	2.48E-4	4.00E-4
	CC9	0.1045	0.4080	-0.2207	9.52E-4	1.46E-4	-2.57E-4
	CC10	0.0982	0.5315	-0.2582	1.21E-3	1.85E-4	-2.06E-4
	CC11	-0.1628	1.0277	-0.4075	2.22E-3	3.40E-4	-4.24E-5
	CC12	-0.1691	1.1511	-0.4450	2.47E-3	3.79E-4	8.63E-6
	CC13	0.1687	-1.1623	0.2710	-2.51E-3	-3.85E-4	-1.25E-5
	CC14	0.1624	-1.0389	0.2335	-2.25E-3	-3.46E-4	3.85E-5
	CC15	-0.0986	-0.5426	0.0842	-1.24E-3	-1.91E-4	2.02E-4
	CC16	-0.1049	-0.4192	0.0468	-9.88E-4	-1.52E-4	2.53E-4
628	CC1	0.5032	-0.0015	0.0218	1.20E-4	1.50E-28	-4.10E-4
	CC2	0.4961	0.0046	0.0210	1.31E-4	1.50E-28	-3.93E-4
	CC3	0.5005	-0.6019	0.0036	-1.27E-3	9.40E-29	-3.49E-4
	CC4	0.4934	-0.5958	0.0028	-1.26E-3	9.40E-29	-3.32E-4
	CC5	-0.4922	0.5827	-0.2176	1.23E-3	-9.40E-29	3.36E-4
	CC6	-0.4993	0.5888	-0.2184	1.24E-3	-9.40E-29	3.54E-4
	CC7	-0.4950	-0.0177	-0.2358	-1.65E-4	-1.50E-28	3.97E-4
	CC8	-0.5021	-0.0116	-0.2366	-1.54E-4	-1.50E-28	4.14E-4
	CC9	0.1652	0.8972	-0.0399	2.12E-3	1.29E-28	-2.37E-4
	CC10	0.1437	0.9158	-0.0423	2.15E-3	1.29E-28	-1.84E-4
	CC11	-0.1334	1.0725	-0.1117	2.45E-3	5.60E-29	-1.34E-5
	CC12	-0.1550	1.0910	-0.1142	2.49E-3	5.60E-29	3.96E-5
	CC13	0.1561	-1.1042	-0.1006	-2.52E-3	-5.60E-29	-3.51E-5
	CC14	0.1346	-1.0856	-0.1031	-2.49E-3	-5.60E-29	1.79E-5
	CC15	-0.1425	-0.9289	-0.1724	-2.19E-3	-1.29E-28	1.89E-4
	CC16	-0.1641	-0.9104	-0.1749	-2.16E-3	-1.29E-28	2.42E-4
629	CC1	0.4062	-0.0149	0.0040	1.24E-4	3.89E-29	-3.34E-4
	CC2	0.4006	-0.0096	0.0035	1.33E-4	3.89E-29	-3.20E-4

	CC3	0.4033	-0.4971	-0.0136	-1.20E-3	2.44E-29	-2.85E-4
	CC4	0.3976	-0.4918	-0.0141	-1.19E-3	2.44E-29	-2.71E-4
	CC5	-0.3979	0.4814	-0.1980	1.16E-3	-2.44E-29	2.75E-4
	CC6	-0.4035	0.4867	-0.1986	1.17E-3	-2.44E-29	2.90E-4
	CC7	-0.4009	-0.0008	-0.2156	-1.61E-4	-3.89E-29	3.24E-4
	CC8	-0.4065	0.0045	-0.2162	-1.52E-4	-3.89E-29	3.39E-4
	CC9	0.1340	0.7160	-0.0456	2.02E-3	3.37E-29	-1.93E-4
	CC10	0.1169	0.7320	-0.0473	2.05E-3	3.37E-29	-1.50E-4
	CC11	-0.1072	0.8648	-0.1062	2.33E-3	1.46E-29	-1.02E-5
	CC12	-0.1243	0.8809	-0.1079	2.36E-3	1.46E-29	3.34E-5
	CC13	0.1241	-0.8913	-0.1043	-2.38E-3	-1.46E-29	-2.90E-5
	CC14	0.1070	-0.8752	-0.1060	-2.36E-3	-1.46E-29	1.45E-5
	CC15	-0.1172	-0.7424	-0.1649	-2.07E-3	-3.37E-29	1.54E-4
	CC16	-0.1342	-0.7264	-0.1666	-2.05E-3	-3.37E-29	1.97E-4
630	CC1	0.3073	-0.0259	0.0036	7.88E-5	9.96E-29	-2.56E-4
	CC2	0.3032	-0.0214	0.0030	8.79E-5	9.96E-29	-2.45E-4
	CC3	0.3042	-0.3947	-0.0134	-1.17E-3	6.26E-29	-2.25E-4
	CC4	0.3000	-0.3902	-0.0140	-1.16E-3	6.26E-29	-2.14E-4
	CC5	-0.3018	0.3824	-0.1945	1.13E-3	-6.26E-29	2.18E-4
	CC6	-0.3059	0.3869	-0.1951	1.14E-3	-6.26E-29	2.29E-4
	CC7	-0.3049	0.0136	-0.2115	-1.19E-4	-9.96E-29	2.49E-4
	CC8	-0.3091	0.0181	-0.2121	-1.10E-4	-9.96E-29	2.60E-4
	CC9	0.1020	0.5426	-0.0454	1.90E-3	8.61E-29	-1.38E-4
	CC10	0.0895	0.5564	-0.0471	1.92E-3	8.61E-29	-1.05E-4
	CC11	-0.0807	0.6651	-0.1048	2.21E-3	3.74E-29	3.93E-6
	CC12	-0.0933	0.6789	-0.1065	2.24E-3	3.74E-29	3.75E-5
	CC13	0.0915	-0.6867	-0.1020	-2.27E-3	-3.74E-29	-3.36E-5
	CC14	0.0790	-0.6729	-0.1037	-2.24E-3	-3.74E-29	-4.08E-8
	CC15	-0.0912	-0.5642	-0.1615	-1.96E-3	-8.61E-29	1.09E-4
	CC16	-0.1038	-0.5504	-0.1631	-1.93E-3	-8.61E-29	1.42E-4
631	CC1	0.3154	0.0040	0.1079	1.83E-4	2.74E-28	-2.77E-4
	CC2	0.3111	0.0072	0.1057	1.87E-4	2.74E-28	-2.66E-4
	CC3	0.3122	-0.3692	0.0904	-1.09E-3	1.72E-28	-2.38E-4
	CC4	0.3079	-0.3660	0.0883	-1.09E-3	1.72E-28	-2.26E-4
	CC5	-0.3099	0.3580	-0.2928	1.06E-3	-1.72E-28	2.30E-4
	CC6	-0.3141	0.3612	-0.2949	1.06E-3	-1.72E-28	2.41E-4
	CC7	-0.3131	-0.0152	-0.3102	-2.20E-4	-2.74E-28	2.69E-4
	CC8	-0.3174	-0.0120	-0.3124	-2.15E-4	-2.74E-28	2.81E-4
	CC9	0.1047	0.5599	-0.0098	1.97E-3	2.37E-28	-1.58E-4
	CC10	0.0917	0.5698	-0.0163	1.99E-3	2.37E-28	-1.23E-4
	CC11	-0.0829	0.6661	-0.1300	2.23E-3	1.03E-28	-5.49E-6
	CC12	-0.0959	0.6760	-0.1365	2.25E-3	1.03E-28	2.93E-5
	CC13	0.0939	-0.6840	-0.0680	-2.28E-3	-1.03E-28	-2.60E-5
	CC14	0.0809	-0.6742	-0.0745	-2.27E-3	-1.03E-28	8.78E-6
	CC15	-0.0937	-0.5778	-0.1882	-2.02E-3	-2.37E-28	1.26E-4
	CC16	-0.1067	-0.5680	-0.1947	-2.00E-3	-2.37E-28	1.61E-4
632	CC1	0.4015	0.0232	0.1274	2.38E-4	4.91E-29	-3.44E-4
	CC2	0.3959	0.0268	0.1249	2.41E-4	4.91E-29	-3.30E-4
	CC3	0.3984	-0.4649	0.1093	-1.10E-3	3.08E-29	-2.89E-4
	CC4	0.3928	-0.4612	0.1068	-1.09E-3	3.08E-29	-2.75E-4
	CC5	-0.3944	0.4503	-0.3134	1.06E-3	-3.08E-29	2.80E-4
	CC6	-0.3999	0.4540	-0.3158	1.06E-3	-3.08E-29	2.94E-4
	CC7	-0.3974	-0.0377	-0.3315	-2.74E-4	-4.91E-29	3.34E-4
	CC8	-0.4030	-0.0341	-0.3340	-2.71E-4	-4.91E-29	3.48E-4
	CC9	0.1322	0.7384	-0.0033	2.08E-3	4.25E-29	-2.03E-4
	CC10	0.1153	0.7494	-0.0107	2.09E-3	4.25E-29	-1.60E-4
	CC11	-0.1065	0.8665	-0.1355	2.32E-3	1.85E-29	-1.62E-5
	CC12	-0.1235	0.8776	-0.1429	2.33E-3	1.85E-29	2.66E-5
	CC13	0.1219	-0.8885	-0.0637	-2.37E-3	-1.85E-29	-2.21E-5
	CC14	0.1050	-0.8774	-0.0711	-2.36E-3	-1.85E-29	2.08E-5
	CC15	-0.1168	-0.7603	-0.1959	-2.12E-3	-4.25E-29	1.65E-4
	CC16	-0.1338	-0.7493	-0.2033	-2.11E-3	-4.25E-29	2.08E-4
633	CC1	0.4923	0.0464	0.1259	2.58E-4	1.85E-28	-4.07E-4
	CC2	0.4854	0.0504	0.1235	2.63E-4	1.85E-28	-3.90E-4
	CC3	0.4895	-0.5611	0.1070	-1.17E-3	1.16E-28	-3.39E-4
	CC4	0.4826	-0.5571	0.1046	-1.16E-3	1.16E-28	-3.22E-4
	CC5	-0.4834	0.5431	-0.3137	1.13E-3	-1.16E-28	3.28E-4
	CC6	-0.4903	0.5472	-0.3161	1.13E-3	-1.16E-28	3.45E-4
	CC7	-0.4861	-0.0644	-0.3326	-3.00E-4	-1.85E-28	3.96E-4
	CC8	-0.4931	-0.0603	-0.3350	-2.95E-4	-1.85E-28	4.13E-4
	CC9	0.1612	0.9248	-0.0035	2.22E-3	1.60E-28	-2.46E-4
	CC10	0.1401	0.9371	-0.0108	2.24E-3	1.60E-28	-1.95E-4

	CC11	-0.1316	1.0738	-0.1353	2.48E-3	6.96E-29	-2.58E-5
	CC12	-0.1526	1.0862	-0.1426	2.50E-3	6.96E-29	2.57E-5
	CC13	0.1519	-1.1001	-0.0664	-2.54E-3	-6.96E-29	-1.94E-5
	CC14	0.1308	-1.0878	-0.0737	-2.52E-3	-6.96E-29	3.20E-5
	CC15	-0.1408	-0.9511	-0.1983	-2.27E-3	-1.60E-28	2.01E-4
	CC16	-0.1619	-0.9388	-0.2056	-2.26E-3	-1.60E-28	2.53E-4
634	CC1	0.3147	0.0387	0.0203	2.83E-4	5.80E-29	-2.64E-4
	CC2	0.3105	0.0405	0.0194	2.84E-4	5.80E-29	-2.53E-4
	CC3	0.3115	-0.3385	0.0023	-1.01E-3	3.65E-29	-2.38E-4
	CC4	0.3072	-0.3367	0.0015	-1.01E-3	3.65E-29	-2.27E-4
	CC5	-0.3087	0.3282	-0.2058	9.72E-4	-3.65E-29	2.30E-4
	CC6	-0.3130	0.3300	-0.2067	9.73E-4	-3.65E-29	2.41E-4
	CC7	-0.3120	-0.0489	-0.2238	-3.18E-4	-5.80E-29	2.56E-4
	CC8	-0.3162	-0.0471	-0.2246	-3.17E-4	-5.80E-29	2.67E-4
	CC9	0.1046	0.5782	-0.0371	2.03E-3	5.00E-29	-1.33E-4
	CC10	0.0917	0.5837	-0.0397	2.03E-3	5.00E-29	-9.90E-5
	CC11	-0.0824	0.6651	-0.1049	2.24E-3	2.16E-29	1.53E-5
	CC12	-0.0954	0.6705	-0.1075	2.24E-3	2.16E-29	4.92E-5
	CC13	0.0939	-0.6790	-0.0968	-2.27E-3	-2.16E-29	-4.59E-5
	CC14	0.0809	-0.6735	-0.0995	-2.27E-3	-2.16E-29	-1.21E-5
	CC15	-0.0932	-0.5921	-0.1647	-2.07E-3	-5.00E-29	1.02E-4
	CC16	-0.1061	-0.5867	-0.1673	-2.06E-3	-5.00E-29	1.36E-4
635	CC1	0.3126	0.0192	0.0661	2.14E-4	1.63E-28	-2.66E-4
	CC2	0.3083	0.0218	0.0645	2.18E-4	1.63E-28	-2.55E-4
	CC3	0.3093	-0.3559	0.0484	-1.07E-3	1.02E-28	-2.34E-4
	CC4	0.3051	-0.3533	0.0469	-1.06E-3	1.02E-28	-2.23E-4
	CC5	-0.3069	0.3451	-0.2513	1.03E-3	-1.02E-28	2.26E-4
	CC6	-0.3111	0.3477	-0.2528	1.03E-3	-1.02E-28	2.37E-4
	CC7	-0.3101	-0.0300	-0.2690	-2.51E-4	-1.63E-28	2.58E-4
	CC8	-0.3144	-0.0274	-0.2705	-2.48E-4	-1.63E-28	2.69E-4
	CC9	0.1038	0.5682	-0.0228	1.99E-3	1.42E-28	-1.42E-4
	CC10	0.0910	0.5761	-0.0275	2.00E-3	1.42E-28	-1.08E-4
	CC11	-0.0820	0.6660	-0.1180	2.24E-3	6.19E-29	5.92E-6
	CC12	-0.0949	0.6739	-0.1227	2.25E-3	6.19E-29	3.99E-5
	CC13	0.0931	-0.6821	-0.0817	-2.28E-3	-6.19E-29	-3.67E-5
	CC14	0.0802	-0.6742	-0.0864	-2.27E-3	-6.19E-29	-2.76E-6
	CC15	-0.0928	-0.5843	-0.1769	-2.03E-3	-1.42E-28	1.11E-4
	CC16	-0.1056	-0.5764	-0.1816	-2.02E-3	-1.42E-28	1.45E-4
636	CC1	0.4872	0.1016	0.0276	3.58E-4	2.98E-28	-4.09E-4
	CC2	0.4803	0.1034	0.0266	3.59E-4	2.98E-28	-3.92E-4
	CC3	0.4844	-0.5142	0.0079	-1.09E-3	1.87E-28	-3.49E-4
	CC4	0.4775	-0.5124	0.0070	-1.09E-3	1.87E-28	-3.32E-4
	CC5	-0.4780	0.4978	-0.2161	1.05E-3	-1.87E-28	3.36E-4
	CC6	-0.4849	0.4995	-0.2171	1.05E-3	-1.87E-28	3.53E-4
	CC7	-0.4808	-0.1180	-0.2358	-3.98E-4	-2.98E-28	3.96E-4
	CC8	-0.4877	-0.1163	-0.2367	-3.97E-4	-2.98E-28	4.13E-4
	CC9	0.1596	0.9569	-0.0338	2.29E-3	2.58E-28	-2.36E-4
	CC10	0.1388	0.9622	-0.0367	2.29E-3	2.58E-28	-1.84E-4
	CC11	-0.1300	1.0758	-0.1069	2.49E-3	1.12E-28	-1.30E-5
	CC12	-0.1508	1.0810	-0.1098	2.50E-3	1.12E-28	3.91E-5
	CC13	0.1503	-1.0957	-0.0993	-2.53E-3	-1.12E-28	-3.53E-5
	CC14	0.1294	-1.0904	-0.1023	-2.53E-3	-1.12E-28	1.69E-5
	CC15	-0.1393	-0.9768	-0.1724	-2.33E-3	-2.58E-28	1.88E-4
	CC16	-0.1601	-0.9716	-0.1754	-2.33E-3	-2.58E-28	2.40E-4
637	CC1	0.4004	0.0688	0.0222	3.41E-4	1.39E-28	-3.39E-4
	CC2	0.3949	0.0705	0.0213	3.40E-4	1.39E-28	-3.25E-4
	CC3	0.3974	-0.4251	0.0034	-1.02E-3	8.78E-29	-2.99E-4
	CC4	0.3918	-0.4234	0.0025	-1.02E-3	8.78E-29	-2.85E-4
	CC5	-0.3929	0.4120	-0.2094	9.83E-4	-8.78E-29	2.88E-4
	CC6	-0.3985	0.4137	-0.2103	9.83E-4	-8.78E-29	3.02E-4
	CC7	-0.3959	-0.0819	-0.2282	-3.74E-4	-1.39E-28	3.28E-4
	CC8	-0.4015	-0.0802	-0.2291	-3.75E-4	-1.39E-28	3.42E-4
	CC9	0.1320	0.7633	-0.0360	2.15E-3	1.20E-28	-1.80E-4
	CC10	0.1151	0.7686	-0.0387	2.15E-3	1.20E-28	-1.37E-4
	CC11	-0.1060	0.8663	-0.1055	2.34E-3	5.21E-29	7.69E-6
	CC12	-0.1229	0.8716	-0.1082	2.34E-3	5.21E-29	5.07E-5
	CC13	0.1218	-0.8830	-0.0987	-2.37E-3	-5.21E-29	-4.75E-5
	CC14	0.1049	-0.8777	-0.1014	-2.38E-3	-5.21E-29	-4.54E-6
	CC15	-0.1162	-0.7801	-0.1681	-2.18E-3	-1.20E-28	1.40E-4
	CC16	-0.1331	-0.7748	-0.1709	-2.18E-3	-1.20E-28	1.83E-4
638	CC1	0.4009	0.0454	0.0698	2.84E-4	1.33E-28	-3.40E-4
	CC2	0.3954	0.0482	0.0682	2.86E-4	1.33E-28	-3.25E-4

	CC3	0.3979	-0.4457	0.0513	-1.06E-3	8.35E-29	-2.94E-4
	CC4	0.3923	-0.4430	0.0497	-1.06E-3	8.35E-29	-2.80E-4
	CC5	-0.3936	0.4318	-0.2565	1.03E-3	-8.35E-29	2.84E-4
	CC6	-0.3992	0.4345	-0.2581	1.03E-3	-8.35E-29	2.99E-4
	CC7	-0.3967	-0.0593	-0.2750	-3.20E-4	-1.33E-28	3.30E-4
	CC8	-0.4023	-0.0566	-0.2766	-3.18E-4	-1.33E-28	3.44E-4
	CC9	0.1321	0.7509	-0.0213	2.11E-3	1.14E-28	-1.88E-4
	CC10	0.1152	0.7591	-0.0261	2.12E-3	1.14E-28	-1.45E-4
	CC11	-0.1063	0.8668	-0.1192	2.33E-3	4.96E-29	-1.14E-6
	CC12	-0.1232	0.8750	-0.1240	2.34E-3	4.96E-29	4.18E-5
	CC13	0.1219	-0.8862	-0.0829	-2.37E-3	-4.96E-29	-3.76E-5
	CC14	0.1050	-0.8780	-0.0877	-2.37E-3	-4.96E-29	5.39E-6
	CC15	-0.1165	-0.7703	-0.1808	-2.15E-3	-1.14E-28	1.50E-4
	CC16	-0.1334	-0.7621	-0.1856	-2.14E-3	-1.14E-28	1.93E-4
<b>639</b>	CC1	0.4914	0.0738	0.0714	2.99E-4	1.77E-28	-4.09E-4
	CC2	0.4844	0.0767	0.0698	3.02E-4	1.77E-28	-3.92E-4
	CC3	0.4886	-0.5379	0.0520	-1.13E-3	1.11E-28	-3.49E-4
	CC4	0.4816	-0.5350	0.0504	-1.13E-3	1.11E-28	-3.32E-4
	CC5	-0.4822	0.5207	-0.2597	1.09E-3	-1.11E-28	3.37E-4
	CC6	-0.4891	0.5236	-0.2613	1.10E-3	-1.11E-28	3.55E-4
	CC7	-0.4849	-0.0910	-0.2791	-3.40E-4	-1.77E-28	3.97E-4
	CC8	-0.4919	-0.0881	-0.2807	-3.37E-4	-1.77E-28	4.15E-4
	CC9	0.1609	0.9409	-0.0203	2.24E-3	1.53E-28	-2.35E-4
	CC10	0.1399	0.9497	-0.0252	2.25E-3	1.53E-28	-1.83E-4
	CC11	-0.1311	1.0749	-0.1197	2.48E-3	6.68E-29	-1.15E-5
	CC12	-0.1522	1.0838	-0.1245	2.49E-3	6.68E-29	4.07E-5
	CC13	0.1516	-1.0981	-0.0848	-2.53E-3	-6.68E-29	-3.54E-5
	CC14	0.1306	-1.0893	-0.0897	-2.52E-3	-6.68E-29	1.68E-5
	CC15	-0.1404	-0.9640	-0.1842	-2.29E-3	-1.53E-28	1.89E-4
	CC16	-0.1614	-0.9552	-0.1890	-2.28E-3	-1.53E-28	2.41E-4
<b>640</b>	CC1	0.4854	0.2409	-0.1978	6.24E-4	4.12E-6	-4.14E-4
	CC2	0.4786	0.2368	-0.1958	6.13E-4	4.05E-6	-3.97E-4
	CC3	0.4826	-0.3987	-0.2159	-8.71E-4	-5.75E-6	-3.45E-4
	CC4	0.4758	-0.4028	-0.2139	-8.82E-4	-5.82E-6	-3.28E-4
	CC5	-0.4763	0.3886	0.0021	8.37E-4	5.52E-6	3.21E-4
	CC6	-0.4832	0.3845	0.0041	8.26E-4	5.45E-6	3.38E-4
	CC7	-0.4791	-0.2509	-0.0160	-6.59E-4	-4.35E-6	3.91E-4
	CC8	-0.4859	-0.2550	-0.0140	-6.70E-4	-4.42E-6	4.08E-4
	CC9	0.1590	1.0429	-0.1087	2.45E-3	1.62E-5	-2.55E-4
	CC10	0.1383	1.0305	-0.1026	2.42E-3	1.60E-5	-2.03E-4
	CC11	-0.1295	1.0872	-0.0488	2.52E-3	1.66E-5	-3.42E-5
	CC12	-0.1502	1.0748	-0.0427	2.48E-3	1.64E-5	1.76E-5
	CC13	0.1497	-1.0889	-0.1692	-2.53E-3	-1.67E-5	-2.42E-5
	CC14	0.1290	-1.1014	-0.1631	-2.56E-3	-1.69E-5	2.76E-5
	CC15	-0.1388	-1.0446	-0.1092	-2.47E-3	-1.63E-5	1.96E-4
	CC16	-0.1595	-1.0570	-0.1031	-2.50E-3	-1.65E-5	2.48E-4
<b>641</b>	CC1	0.4012	0.1846	-0.1880	6.11E-4	4.03E-6	-3.40E-4
	CC2	0.3957	0.1815	-0.1861	5.99E-4	3.95E-6	-3.26E-4
	CC3	0.3984	-0.3281	-0.2055	-8.10E-4	-5.34E-6	-2.95E-4
	CC4	0.3928	-0.3312	-0.2036	-8.21E-4	-5.42E-6	-2.81E-4
	CC5	-0.3934	0.3206	-0.0057	7.85E-4	5.18E-6	2.76E-4
	CC6	-0.3990	0.3175	-0.0038	7.73E-4	5.10E-6	2.90E-4
	CC7	-0.3963	-0.1921	-0.0232	-6.36E-4	-4.20E-6	3.21E-4
	CC8	-0.4018	-0.1951	-0.0213	-6.47E-4	-4.27E-6	3.35E-4
	CC9	0.1321	0.8335	-0.1057	2.34E-3	1.54E-5	-1.92E-4
	CC10	0.1153	0.8242	-0.1000	2.31E-3	1.52E-5	-1.49E-4
	CC11	-0.1063	0.8743	-0.0511	2.39E-3	1.58E-5	-6.69E-6
	CC12	-0.1231	0.8650	-0.0453	2.36E-3	1.56E-5	3.60E-5
	CC13	0.1225	-0.8755	-0.1640	-2.39E-3	-1.58E-5	-4.15E-5
	CC14	0.1057	-0.8848	-0.1582	-2.43E-3	-1.60E-5	1.18E-6
	CC15	-0.1159	-0.8347	-0.1093	-2.34E-3	-1.55E-5	1.43E-4
	CC16	-0.1327	-0.8440	-0.1035	-2.38E-3	-1.57E-5	1.86E-4
<b>642</b>	CC1	0.3183	0.2540	-0.1768	5.64E-4	3.72E-6	-2.65E-4
	CC2	0.3140	0.2520	-0.1750	5.53E-4	3.65E-6	-2.54E-4
	CC3	0.3153	-0.1362	-0.1936	-7.93E-4	-5.23E-6	-2.40E-4
	CC4	0.3110	-0.1383	-0.1918	-8.04E-4	-5.31E-6	-2.29E-4
	CC5	-0.3114	0.1309	-0.0146	7.69E-4	5.08E-6	2.25E-4
	CC6	-0.3157	0.1288	-0.0128	7.59E-4	5.01E-6	2.37E-4
	CC7	-0.3145	-0.2594	-0.0314	-5.88E-4	-3.88E-6	2.51E-4
	CC8	-0.3188	-0.2614	-0.0296	-5.98E-4	-3.95E-6	2.62E-4
	CC9	0.1059	0.6684	-0.1022	2.23E-3	1.47E-5	-1.35E-4
	CC10	0.0928	0.6621	-0.0969	2.20E-3	1.45E-5	-1.01E-4

	CC11	-0.0831	0.6314	-0.0535	2.29E-3	1.51E-5	1.27E-5
	CC12	-0.0961	0.6251	-0.0482	2.26E-3	1.49E-5	4.65E-5
	CC13	0.0956	-0.6325	-0.1582	-2.29E-3	-1.51E-5	-4.99E-5
	CC14	0.0826	-0.6388	-0.1529	-2.33E-3	-1.54E-5	-1.61E-5
	CC15	-0.0933	-0.6695	-0.1095	-2.23E-3	-1.47E-5	9.73E-5
	CC16	-0.1063	-0.6758	-0.1042	-2.26E-3	-1.49E-5	1.31E-4
<b>643</b>	CC1	0.3173	0.1069	-0.1288	4.89E-4	3.23E-6	-2.71E-4
	CC2	0.3130	0.1059	-0.1278	4.82E-4	3.18E-6	-2.60E-4
	CC3	0.3143	-0.2806	-0.1461	-8.53E-4	-5.63E-6	-2.33E-4
	CC4	0.3100	-0.2816	-0.1450	-8.61E-4	-5.68E-6	-2.22E-4
	CC5	-0.3107	0.2738	-0.0608	8.26E-4	5.45E-6	2.16E-4
	CC6	-0.3150	0.2727	-0.0597	8.18E-4	5.40E-6	2.27E-4
	CC7	-0.3138	-0.1137	-0.0781	-5.17E-4	-3.41E-6	2.54E-4
	CC8	-0.3181	-0.1147	-0.0770	-5.24E-4	-3.46E-6	2.65E-4
	CC9	0.1054	0.6185	-0.0860	2.18E-3	1.44E-5	-1.56E-4
	CC10	0.0924	0.6152	-0.0827	2.16E-3	1.42E-5	-1.22E-4
	CC11	-0.0830	0.6685	-0.0655	2.28E-3	1.51E-5	-1.03E-5
	CC12	-0.0960	0.6653	-0.0623	2.26E-3	1.49E-5	2.37E-5
	CC13	0.0952	-0.6731	-0.1435	-2.29E-3	-1.51E-5	-2.95E-5
	CC14	0.0822	-0.6764	-0.1403	-2.32E-3	-1.53E-5	4.53E-6
	CC15	-0.0932	-0.6231	-0.1231	-2.19E-3	-1.45E-5	1.17E-4
	CC16	-0.1062	-0.6263	-0.1199	-2.22E-3	-1.46E-5	1.51E-4
<b>644</b>	CC1	0.3168	0.0823	-0.0690	4.15E-4	2.74E-6	-2.75E-4
	CC2	0.3125	0.0823	-0.0686	4.10E-4	2.71E-6	-2.63E-4
	CC3	0.3137	-0.3011	-0.0867	-9.03E-4	-5.96E-6	-2.24E-4
	CC4	0.3094	-0.3012	-0.0863	-9.08E-4	-5.99E-6	-2.13E-4
	CC5	-0.3104	0.2928	-0.1188	8.72E-4	5.76E-6	2.07E-4
	CC6	-0.3147	0.2928	-0.1184	8.68E-4	5.73E-6	2.18E-4
	CC7	-0.3135	-0.0906	-0.1365	-4.46E-4	-2.94E-6	2.58E-4
	CC8	-0.3178	-0.0907	-0.1361	-4.50E-4	-2.97E-6	2.69E-4
	CC9	0.1053	0.6034	-0.0662	2.12E-3	1.40E-5	-1.77E-4
	CC10	0.0922	0.6033	-0.0649	2.10E-3	1.39E-5	-1.42E-4
	CC11	-0.0829	0.6666	-0.0811	2.25E-3	1.49E-5	-3.20E-5
	CC12	-0.0959	0.6664	-0.0798	2.24E-3	1.48E-5	2.23E-6
	CC13	0.0949	-0.6748	-0.1253	-2.28E-3	-1.50E-5	-7.88E-6
	CC14	0.0819	-0.6749	-0.1240	-2.29E-3	-1.51E-5	2.64E-5
	CC15	-0.0932	-0.6116	-0.1402	-2.14E-3	-1.41E-5	1.37E-4
	CC16	-0.1063	-0.6117	-0.1389	-2.15E-3	-1.42E-5	1.71E-4
<b>645</b>	CC1	0.4831	0.2037	-0.1409	5.53E-4	3.65E-6	-4.14E-4
	CC2	0.4763	0.2011	-0.1397	5.46E-4	3.60E-6	-3.97E-4
	CC3	0.4804	-0.4295	-0.1596	-9.26E-4	-6.11E-6	-3.42E-4
	CC4	0.4736	-0.4320	-0.1584	-9.34E-4	-6.16E-6	-3.25E-4
	CC5	-0.4740	0.4174	-0.0525	8.90E-4	5.88E-6	3.21E-4
	CC6	-0.4808	0.4148	-0.0512	8.82E-4	5.82E-6	3.38E-4
	CC7	-0.4767	-0.2158	-0.0712	-5.89E-4	-3.89E-6	3.92E-4
	CC8	-0.4835	-0.2183	-0.0699	-5.97E-4	-3.94E-6	4.09E-4
	CC9	0.1582	1.0198	-0.0894	2.41E-3	1.59E-5	-2.58E-4
	CC10	0.1376	1.0121	-0.0856	2.38E-3	1.57E-5	-2.06E-4
	CC11	-0.1289	1.0839	-0.0628	2.51E-3	1.65E-5	-3.76E-5
	CC12	-0.1495	1.0762	-0.0591	2.48E-3	1.64E-5	1.43E-5
	CC13	0.1491	-1.0908	-0.1517	-2.53E-3	-1.67E-5	-1.86E-5
	CC14	0.1285	-1.0985	-0.1480	-2.55E-3	-1.68E-5	3.34E-5
	CC15	-0.1380	-1.0267	-0.1252	-2.43E-3	-1.60E-5	2.02E-4
	CC16	-0.1586	-1.0344	-0.1215	-2.45E-3	-1.62E-5	2.54E-4
<b>646</b>	CC1	0.3991	0.1539	-0.1352	5.36E-4	3.54E-6	-3.43E-4
	CC2	0.3936	0.1521	-0.1340	5.27E-4	3.48E-6	-3.29E-4
	CC3	0.3962	-0.3543	-0.1532	-8.61E-4	-5.68E-6	-2.86E-4
	CC4	0.3907	-0.3561	-0.1520	-8.70E-4	-5.74E-6	-2.72E-4
	CC5	-0.3914	0.3451	-0.0564	8.32E-4	5.49E-6	2.66E-4
	CC6	-0.3969	0.3433	-0.0553	8.23E-4	5.43E-6	2.80E-4
	CC7	-0.3943	-0.1632	-0.0744	-5.65E-4	-3.73E-6	3.23E-4
	CC8	-0.3998	-0.1650	-0.0733	-5.74E-4	-3.79E-6	3.37E-4
	CC9	0.1314	0.8156	-0.0878	2.28E-3	1.50E-5	-2.11E-4
	CC10	0.1146	0.8102	-0.0843	2.25E-3	1.49E-5	-1.68E-4
	CC11	-0.1057	0.8730	-0.0642	2.37E-3	1.56E-5	-2.80E-5
	CC12	-0.1225	0.8675	-0.0607	2.34E-3	1.54E-5	1.48E-5
	CC13	0.1218	-0.8785	-0.1478	-2.38E-3	-1.57E-5	-2.05E-5
	CC14	0.1050	-0.8840	-0.1443	-2.41E-3	-1.59E-5	2.23E-5
	CC15	-0.1153	-0.8212	-0.1241	-2.29E-3	-1.51E-5	1.62E-4
	CC16	-0.1321	-0.8267	-0.1206	-2.32E-3	-1.53E-5	2.05E-4
<b>647</b>	CC1	0.3986	0.1228	-0.0695	4.67E-4	3.08E-6	-3.45E-4
	CC2	0.3931	0.1223	-0.0690	4.61E-4	3.04E-6	-3.31E-4

	CC3	0.3957	-0.3796	-0.0880	-9.17E-4	-6.05E-6	-2.76E-4
	CC4	0.3902	-0.3802	-0.0876	-9.22E-4	-6.09E-6	-2.61E-4
	CC5	-0.3910	0.3687	-0.1200	8.86E-4	5.85E-6	2.58E-4
	CC6	-0.3965	0.3681	-0.1196	8.80E-4	5.81E-6	2.72E-4
	CC7	-0.3939	-0.1338	-0.1386	-4.97E-4	-3.28E-6	3.27E-4
	CC8	-0.3994	-0.1343	-0.1381	-5.03E-4	-3.32E-6	3.41E-4
	CC9	0.1313	0.7956	-0.0660	2.23E-3	1.47E-5	-2.29E-4
	CC10	0.1146	0.7941	-0.0647	2.22E-3	1.46E-5	-1.86E-4
	CC11	-0.1055	0.8694	-0.0812	2.36E-3	1.56E-5	-4.85E-5
	CC12	-0.1223	0.8678	-0.0798	2.34E-3	1.55E-5	-5.42E-6
	CC13	0.1215	-0.8793	-0.1278	-2.38E-3	-1.57E-5	1.59E-6
	CC14	0.1048	-0.8809	-0.1264	-2.39E-3	-1.58E-5	4.46E-5
	CC15	-0.1153	-0.8055	-0.1430	-2.25E-3	-1.49E-5	1.82E-4
	CC16	-0.1321	-0.8071	-0.1416	-2.27E-3	-1.50E-5	2.25E-4
648	CC1	0.4829	0.1665	-0.0700	4.82E-4	3.18E-6	-4.12E-4
	CC2	0.4761	0.1655	-0.0695	4.78E-4	3.15E-6	-3.95E-4
	CC3	0.4802	-0.4600	-0.0893	-9.88E-4	-6.52E-6	-3.37E-4
	CC4	0.4734	-0.4610	-0.0888	-9.92E-4	-6.55E-6	-3.20E-4
	CC5	-0.4739	0.4461	-0.1211	9.51E-4	6.28E-6	3.19E-4
	CC6	-0.4807	0.4451	-0.1207	9.46E-4	6.25E-6	3.36E-4
	CC7	-0.4766	-0.1804	-0.1404	-5.19E-4	-3.43E-6	3.94E-4
	CC8	-0.4834	-0.1814	-0.1400	-5.24E-4	-3.46E-6	4.11E-4
	CC9	0.1581	0.9963	-0.0658	2.37E-3	1.56E-5	-2.61E-4
	CC10	0.1375	0.9933	-0.0644	2.35E-3	1.55E-5	-2.09E-4
	CC11	-0.1289	1.0801	-0.0811	2.51E-3	1.65E-5	-4.20E-5
	CC12	-0.1495	1.0771	-0.0797	2.49E-3	1.64E-5	9.99E-6
	CC13	0.1491	-1.0920	-0.1302	-2.53E-3	-1.67E-5	-1.14E-5
	CC14	0.1285	-1.0950	-0.1288	-2.55E-3	-1.68E-5	4.06E-5
	CC15	-0.1379	-1.0082	-0.1456	-2.39E-3	-1.58E-5	2.08E-4
	CC16	-0.1586	-1.0112	-0.1441	-2.41E-3	-1.59E-5	2.60E-4
649	CC1	0.4059	0.1217	0.0169	7.24E-5	-7.78E-4	-4.16E-4
	CC2	0.4083	0.1226	0.0186	7.28E-5	-7.82E-4	-3.99E-4
	CC3	0.4376	-0.4978	0.1233	6.93E-5	-7.45E-4	-3.40E-4
	CC4	0.4399	-0.4968	0.1251	6.97E-5	-7.49E-4	-3.22E-4
	CC5	-0.4386	0.4822	-0.3067	-6.90E-5	7.41E-4	3.30E-4
	CC6	-0.4363	0.4832	-0.3049	-6.86E-5	7.37E-4	3.48E-4
	CC7	-0.4070	-0.1373	-0.2002	-7.21E-5	7.74E-4	4.07E-4
	CC8	-0.4046	-0.1363	-0.1985	-7.17E-5	7.70E-4	4.24E-4
	CC9	0.0710	0.9695	-0.2223	2.62E-5	-2.81E-4	-2.62E-4
	CC10	0.0781	0.9725	-0.2171	2.73E-5	-2.94E-4	-2.09E-4
	CC11	-0.1824	1.0777	-0.3194	-1.62E-5	1.75E-4	-3.81E-5
	CC12	-0.1752	1.0806	-0.3141	-1.51E-5	1.62E-4	1.51E-5
	CC13	0.1765	-1.0953	0.1325	1.59E-5	-1.70E-4	-7.28E-6
	CC14	0.1837	-1.0923	0.1378	1.70E-5	-1.83E-4	4.59E-5
	CC15	-0.0768	-0.9871	0.0355	-2.66E-5	2.85E-4	2.17E-4
	CC16	-0.0696	-0.9841	0.0407	-2.54E-5	2.73E-4	2.70E-4
650	CC1	0.3407	0.0888	0.0160	7.48E-5	-8.04E-4	-3.44E-4
	CC2	0.3427	0.0898	0.0177	7.52E-5	-8.08E-4	-3.30E-4
	CC3	0.3642	-0.4059	0.1158	7.11E-5	-7.63E-4	-2.84E-4
	CC4	0.3662	-0.4049	0.1176	7.15E-5	-7.68E-4	-2.69E-4
	CC5	-0.3659	0.3941	-0.2984	-7.07E-5	7.60E-4	2.77E-4
	CC6	-0.3639	0.3951	-0.2966	-7.03E-5	7.56E-4	2.92E-4
	CC7	-0.3424	-0.1007	-0.1985	-7.45E-5	8.00E-4	3.37E-4
	CC8	-0.3404	-0.0996	-0.1967	-7.41E-5	7.96E-4	3.52E-4
	CC9	0.0639	0.7718	-0.2124	2.78E-5	-2.99E-4	-2.12E-4
	CC10	0.0700	0.7749	-0.2071	2.90E-5	-3.12E-4	-1.68E-4
	CC11	-0.1481	0.8634	-0.3067	-1.58E-5	1.70E-4	-2.57E-5
	CC12	-0.1420	0.8665	-0.3014	-1.46E-5	1.57E-4	1.85E-5
	CC13	0.1422	-0.8773	0.1206	1.54E-5	-1.65E-4	-1.09E-5
	CC14	0.1483	-0.8742	0.1259	1.65E-5	-1.78E-4	3.33E-5
	CC15	-0.0697	-0.7857	0.0263	-2.83E-5	3.04E-4	1.76E-4
	CC16	-0.0637	-0.7826	0.0316	-2.71E-5	2.91E-4	2.20E-4
651	CC1	0.2725	0.0569	0.0133	7.78E-5	-8.36E-4	-2.74E-4
	CC2	0.2741	0.0580	0.0150	7.82E-5	-8.40E-4	-2.62E-4
	CC3	0.2885	-0.3196	0.1052	7.38E-5	-7.93E-4	-2.23E-4
	CC4	0.2901	-0.3185	0.1069	7.43E-5	-7.98E-4	-2.12E-4
	CC5	-0.2908	0.3109	-0.2867	-7.38E-5	7.93E-4	2.20E-4
	CC6	-0.2892	0.3120	-0.2850	-7.34E-5	7.88E-4	2.31E-4
	CC7	-0.2747	-0.0655	-0.1948	-7.77E-5	8.35E-4	2.70E-4
	CC8	-0.2731	-0.0644	-0.1931	-7.73E-5	8.30E-4	2.81E-4
	CC9	0.0550	0.5838	-0.2006	2.88E-5	-3.10E-4	-1.71E-4
	CC10	0.0598	0.5872	-0.1955	3.02E-5	-3.24E-4	-1.36E-4

	CC11	-0.1140	0.6600	-0.2907	-1.66E-5	1.79E-4	-2.33E-5
	CC12	-0.1091	0.6634	-0.2855	-1.53E-5	1.64E-4	1.19E-5
	CC13	0.1085	-0.6709	0.1057	1.58E-5	-1.69E-4	-4.14E-6
	CC14	0.1133	-0.6676	0.1108	1.71E-5	-1.84E-4	3.10E-5
	CC15	-0.0605	-0.5947	0.0156	-2.97E-5	3.19E-4	1.44E-4
	CC16	-0.0556	-0.5914	0.0208	-2.84E-5	3.05E-4	1.79E-4
652	CC1	0.2795	0.0586	0.0231	7.96E-5	-8.55E-4	-2.65E-4
	CC2	0.2801	0.0596	0.0247	7.98E-5	-8.57E-4	-2.53E-4
	CC3	0.2925	-0.3177	0.0443	7.40E-5	-7.96E-4	-2.31E-4
	CC4	0.2932	-0.3167	0.0459	7.42E-5	-7.97E-4	-2.20E-4
	CC5	-0.2944	0.3090	-0.2287	-7.36E-5	7.91E-4	2.27E-4
	CC6	-0.2938	0.3100	-0.2271	-7.35E-5	7.90E-4	2.38E-4
	CC7	-0.2814	-0.0674	-0.2075	-7.92E-5	8.51E-4	2.60E-4
	CC8	-0.2807	-0.0664	-0.2058	-7.91E-5	8.49E-4	2.72E-4
	CC9	0.0627	0.5842	-0.0914	3.23E-5	-3.47E-4	-1.43E-4
	CC10	0.0647	0.5873	-0.0865	3.28E-5	-3.52E-4	-1.09E-4
	CC11	-0.1095	0.6593	-0.1669	-1.36E-5	1.46E-4	4.69E-6
	CC12	-0.1074	0.6624	-0.1620	-1.32E-5	1.42E-4	3.89E-5
	CC13	0.1062	-0.6702	-0.0207	1.38E-5	-1.48E-4	-3.20E-5
	CC14	0.1082	-0.6671	-0.0158	1.42E-5	-1.52E-4	2.21E-6
	CC15	-0.0660	-0.5951	-0.0962	-3.22E-5	3.46E-4	1.16E-4
	CC16	-0.0639	-0.5920	-0.0913	-3.18E-5	3.42E-4	1.50E-4
653	CC1	0.2834	0.0600	0.0388	8.11E-5	-8.72E-4	-2.71E-4
	CC2	0.2832	0.0610	0.0404	8.10E-5	-8.70E-4	-2.59E-4
	CC3	0.2942	-0.3163	-0.0131	7.47E-5	-8.03E-4	-2.45E-4
	CC4	0.2940	-0.3153	-0.0116	7.46E-5	-8.01E-4	-2.34E-4
	CC5	-0.2957	0.3074	-0.1740	-7.40E-5	7.95E-4	2.37E-4
	CC6	-0.2959	0.3083	-0.1724	-7.41E-5	7.96E-4	2.49E-4
	CC7	-0.2849	-0.0689	-0.2259	-8.04E-5	8.64E-4	2.63E-4
	CC8	-0.2851	-0.0680	-0.2244	-8.06E-5	8.65E-4	2.74E-4
	CC9	0.0683	0.5847	0.0233	3.45E-5	-3.70E-4	-1.34E-4
	CC10	0.0677	0.5875	0.0281	3.41E-5	-3.66E-4	-9.98E-5
	CC11	-0.1054	0.6589	-0.0405	-1.21E-5	1.30E-4	1.85E-5
	CC12	-0.1061	0.6617	-0.0358	-1.25E-5	1.34E-4	5.26E-5
	CC13	0.1044	-0.6697	-0.1498	1.30E-5	-1.40E-4	-4.91E-5
	CC14	0.1037	-0.6668	-0.1451	1.27E-5	-1.36E-4	-1.51E-5
	CC15	-0.0693	-0.5955	-0.2136	-3.35E-5	3.60E-4	1.03E-4
	CC16	-0.0700	-0.5926	-0.2089	-3.39E-5	3.64E-4	1.37E-4
654	CC1	0.4166	0.1244	0.0323	7.25E-5	-7.79E-4	-4.15E-4
	CC2	0.4175	0.1252	0.0340	7.26E-5	-7.80E-4	-3.97E-4
	CC3	0.4436	-0.4953	0.0544	6.93E-5	-7.45E-4	-3.60E-4
	CC4	0.4445	-0.4945	0.0561	6.94E-5	-7.46E-4	-3.42E-4
	CC5	-0.4438	0.4797	-0.2414	-6.88E-5	7.39E-4	3.49E-4
	CC6	-0.4429	0.4806	-0.2397	-6.86E-5	7.38E-4	3.66E-4
	CC7	-0.4168	-0.1400	-0.2194	-7.19E-5	7.73E-4	4.04E-4
	CC8	-0.4159	-0.1391	-0.2176	-7.18E-5	7.72E-4	4.22E-4
	CC9	0.0830	0.9708	-0.0909	2.66E-5	-2.86E-4	-2.30E-4
	CC10	0.0858	0.9734	-0.0857	2.70E-5	-2.90E-4	-1.76E-4
	CC11	-0.1751	1.0774	-0.1730	-1.58E-5	1.69E-4	-8.98E-7
	CC12	-0.1723	1.0800	-0.1678	-1.54E-5	1.65E-4	5.27E-5
	CC13	0.1730	-1.0948	-0.0175	1.61E-5	-1.73E-4	-4.59E-5
	CC14	0.1759	-1.0922	-0.0123	1.64E-5	-1.76E-4	7.63E-6
	CC15	-0.0851	-0.9882	-0.0996	-2.63E-5	2.83E-4	1.83E-4
	CC16	-0.0822	-0.9856	-0.0944	-2.59E-5	2.79E-4	2.37E-4
655	CC1	0.3502	0.0909	0.0283	7.83E-5	-8.41E-4	-3.46E-4
	CC2	0.3511	0.0918	0.0300	7.84E-5	-8.42E-4	-3.31E-4
	CC3	0.3695	-0.4038	0.0501	7.32E-5	-7.87E-4	-2.95E-4
	CC4	0.3703	-0.4028	0.0517	7.34E-5	-7.88E-4	-2.80E-4
	CC5	-0.3706	0.3919	-0.2358	-7.26E-5	7.80E-4	2.86E-4
	CC6	-0.3698	0.3928	-0.2342	-7.25E-5	7.79E-4	3.01E-4
	CC7	-0.3514	-0.1028	-0.2141	-7.76E-5	8.34E-4	3.37E-4
	CC8	-0.3506	-0.1019	-0.2124	-7.75E-5	8.33E-4	3.52E-4
	CC9	0.0746	0.7724	-0.0912	3.12E-5	-3.35E-4	-1.99E-4
	CC10	0.0771	0.7752	-0.0861	3.16E-5	-3.39E-4	-1.55E-4
	CC11	-0.1416	0.8627	-0.1704	-1.41E-5	1.51E-4	-9.43E-6
	CC12	-0.1392	0.8655	-0.1653	-1.37E-5	1.47E-4	3.48E-5
	CC13	0.1388	-0.8765	-0.0188	1.44E-5	-1.55E-4	-2.88E-5
	CC14	0.1413	-0.8737	-0.0137	1.48E-5	-1.59E-4	1.54E-5
	CC15	-0.0774	-0.7862	-0.0980	-3.08E-5	3.31E-4	1.61E-4
	CC16	-0.0749	-0.7834	-0.0929	-3.04E-5	3.27E-4	2.05E-4
656	CC1	0.3578	0.0932	0.0470	8.43E-5	-9.06E-4	-3.46E-4
	CC2	0.3575	0.0941	0.0486	8.42E-5	-9.04E-4	-3.32E-4



	CC3	0.3736	-0.4024	-0.0122	7.77E-5	-8.34E-4	-3.03E-4
	CC4	0.3733	-0.4016	-0.0106	7.75E-5	-8.33E-4	-2.89E-4
	CC5	-0.3740	0.3904	-0.1769	-7.67E-5	8.24E-4	2.93E-4
	CC6	-0.3743	0.3912	-0.1752	-7.69E-5	8.26E-4	3.08E-4
	CC7	-0.3582	-0.1052	-0.2361	-8.33E-5	8.95E-4	3.36E-4
	CC8	-0.3585	-0.1044	-0.2344	-8.35E-5	8.97E-4	3.50E-4
	CC9	0.0836	0.7747	0.0360	3.58E-5	-3.85E-4	-1.86E-4
	CC10	0.0825	0.7771	0.0410	3.54E-5	-3.80E-4	-1.43E-4
	CC11	-0.1359	0.8638	-0.0311	-1.25E-5	1.34E-4	5.29E-6
	CC12	-0.1370	0.8663	-0.0261	-1.29E-5	1.39E-4	4.90E-5
	CC13	0.1363	-0.8775	-0.1613	1.38E-5	-1.48E-4	-4.49E-5
	CC14	0.1352	-0.8750	-0.1563	1.33E-5	-1.43E-4	-1.15E-6
	CC15	-0.0832	-0.7883	-0.2284	-3.45E-5	3.71E-4	1.47E-4
	CC16	-0.0843	-0.7858	-0.2234	-3.50E-5	3.76E-4	1.91E-4
657	CC1	0.4285	0.1276	0.0533	7.54E-5	-8.10E-4	-4.18E-4
	CC2	0.4281	0.1283	0.0550	7.53E-5	-8.09E-4	-4.00E-4
	CC3	0.4508	-0.4936	-0.0115	7.09E-5	-7.62E-4	-3.49E-4
	CC4	0.4503	-0.4929	-0.0098	7.08E-5	-7.60E-4	-3.31E-4
	CC5	-0.4500	0.4780	-0.1793	-7.02E-5	7.55E-4	3.35E-4
	CC6	-0.4505	0.4787	-0.1776	-7.04E-5	7.56E-4	3.52E-4
	CC7	-0.4278	-0.1432	-0.2442	-7.47E-5	8.03E-4	4.04E-4
	CC8	-0.4282	-0.1425	-0.2425	-7.49E-5	8.04E-4	4.22E-4
	CC9	0.0955	0.9743	0.0458	2.98E-5	-3.20E-4	-2.53E-4
	CC10	0.0941	0.9765	0.0510	2.94E-5	-3.16E-4	-2.00E-4
	CC11	-0.1680	1.0794	-0.0240	-1.39E-5	1.49E-4	-2.71E-5
	CC12	-0.1695	1.0816	-0.0188	-1.43E-5	1.54E-4	2.60E-5
	CC13	0.1698	-1.0964	-0.1704	1.49E-5	-1.60E-4	-2.23E-5
	CC14	0.1684	-1.0942	-0.1652	1.45E-5	-1.55E-4	3.08E-5
	CC15	-0.0938	-0.9913	-0.2402	-2.88E-5	3.10E-4	2.04E-4
	CC16	-0.0952	-0.9891	-0.2350	-2.92E-5	3.14E-4	2.57E-4
658	CC1	0.3878	0.3910	-0.1902	5.52E-4	3.07E-5	-5.48E-4
	CC2	0.3918	0.3812	-0.1899	5.30E-4	2.94E-5	-5.28E-4
	CC3	0.4279	-0.2868	-0.1159	-9.42E-4	-5.23E-5	-3.20E-4
	CC4	0.4318	-0.2966	-0.1155	-9.64E-4	-5.35E-5	-3.00E-4
	CC5	-0.4293	0.2902	-0.0716	9.01E-4	5.00E-5	2.68E-4
	CC6	-0.4253	0.2803	-0.0713	8.79E-4	4.88E-5	2.88E-4
	CC7	-0.3892	-0.3876	0.0028	-5.92E-4	-3.29E-5	4.96E-4
	CC8	-0.3853	-0.3975	0.0031	-6.15E-4	-3.41E-5	5.16E-4
	CC9	0.0511	1.1565	-0.2358	2.44E-3	1.35E-4	-5.49E-4
	CC10	0.0631	1.1267	-0.2349	2.37E-3	1.32E-4	-4.89E-4
	CC11	-0.1940	1.1263	-0.2002	2.55E-3	1.41E-4	-3.05E-4
	CC12	-0.1820	1.0964	-0.1993	2.48E-3	1.37E-4	-2.44E-4
	CC13	0.1846	-1.1029	0.0121	-2.54E-3	-1.41E-4	2.12E-4
	CC14	0.1966	-1.1327	0.0131	-2.61E-3	-1.45E-4	2.72E-4
	CC15	-0.0606	-1.1331	0.0477	-2.43E-3	-1.35E-4	4.57E-4
	CC16	-0.0485	-1.1630	0.0487	-2.50E-3	-1.39E-4	5.17E-4
659	CC1	0.3231	0.3058	-0.1827	6.34E-4	3.52E-5	-3.51E-4
	CC2	0.3263	0.2982	-0.1823	6.07E-4	3.37E-5	-3.37E-4
	CC3	0.3519	-0.2294	-0.1103	-1.12E-3	-6.21E-5	-3.02E-4
	CC4	0.3551	-0.2370	-0.1100	-1.15E-3	-6.36E-5	-2.88E-4
	CC5	-0.3535	0.2342	-0.0750	1.12E-3	6.24E-5	2.61E-4
	CC6	-0.3503	0.2266	-0.0747	1.10E-3	6.08E-5	2.75E-4
	CC7	-0.3247	-0.3009	-0.0027	-6.30E-4	-3.49E-5	3.11E-4
	CC8	-0.3214	-0.3086	-0.0023	-6.57E-4	-3.65E-5	3.24E-4
	CC9	0.0493	0.9129	-0.2298	2.88E-3	1.60E-4	-2.08E-4
	CC10	0.0592	0.8897	-0.2287	2.79E-3	1.55E-4	-1.66E-4
	CC11	-0.1536	0.8914	-0.1975	3.03E-3	1.68E-4	-2.43E-5
	CC12	-0.1438	0.8683	-0.1964	2.94E-3	1.63E-4	1.72E-5
	CC13	0.1454	-0.8710	0.0114	-2.96E-3	-1.65E-4	-4.38E-5
	CC14	0.1553	-0.8942	0.0125	-3.05E-3	-1.69E-4	-2.26E-6
	CC15	-0.0575	-0.8925	0.0437	-2.82E-3	-1.56E-4	1.40E-4
	CC16	-0.0477	-0.9156	0.0448	-2.90E-3	-1.61E-4	1.81E-4
660	CC1	0.2593	0.2311	-0.1734	8.92E-4	4.95E-5	-1.41E-4
	CC2	0.2619	0.2256	-0.1730	8.71E-4	4.83E-5	-1.34E-4
	CC3	0.2777	-0.1618	-0.1035	-5.70E-4	-3.16E-5	-2.98E-4
	CC4	0.2803	-0.1672	-0.1030	-5.91E-4	-3.28E-5	-2.90E-4
	CC5	-0.2793	0.1654	-0.0797	5.90E-4	3.28E-5	2.76E-4
	CC6	-0.2767	0.1600	-0.0793	5.69E-4	3.16E-5	2.83E-4
	CC7	-0.2608	-0.2274	-0.0098	-8.71E-4	-4.84E-5	1.19E-4
	CC8	-0.2582	-0.2328	-0.0093	-8.93E-4	-4.96E-5	1.27E-4
	CC9	0.0467	0.6719	-0.2226	2.51E-3	1.40E-4	1.80E-4
	CC10	0.0545	0.6554	-0.2213	2.45E-3	1.36E-4	2.02E-4

	CC11	-0.1149	0.6523	-0.1945	2.42E-3	1.35E-4	3.05E-4
	CC12	-0.1071	0.6357	-0.1932	2.36E-3	1.31E-4	3.27E-4
	CC13	0.1081	-0.6375	0.0105	-2.36E-3	-1.31E-4	-3.42E-4
	CC14	0.1159	-0.6540	0.0118	-2.42E-3	-1.35E-4	-3.19E-4
	CC15	-0.0534	-0.6572	0.0386	-2.45E-3	-1.36E-4	-2.17E-4
	CC16	-0.0456	-0.6737	0.0399	-2.52E-3	-1.40E-4	-1.94E-4
661	CC1	0.2585	0.2216	-0.1388	6.41E-4	3.56E-5	-2.45E-4
	CC2	0.2610	0.2170	-0.1382	6.21E-4	3.45E-5	-2.34E-4
	CC3	0.2772	-0.1763	-0.0709	-8.24E-4	-4.58E-5	-2.54E-4
	CC4	0.2797	-0.1809	-0.0703	-8.44E-4	-4.68E-5	-2.44E-4
	CC5	-0.2789	0.1776	-0.1117	8.29E-4	4.60E-5	2.23E-4
	CC6	-0.2764	0.1730	-0.1111	8.10E-4	4.49E-5	2.33E-4
	CC7	-0.2603	-0.2203	-0.0438	-6.36E-4	-3.53E-5	2.14E-4
	CC8	-0.2577	-0.2249	-0.0432	-6.55E-4	-3.64E-5	2.24E-4
	CC9	0.0460	0.6751	-0.2092	2.44E-3	1.35E-4	-8.03E-5
	CC10	0.0537	0.6611	-0.2074	2.38E-3	1.32E-4	-4.93E-5
	CC11	-0.1152	0.6619	-0.2011	2.49E-3	1.38E-4	6.01E-5
	CC12	-0.1076	0.6479	-0.1992	2.43E-3	1.35E-4	9.11E-5
	CC13	0.1083	-0.6512	0.0172	-2.45E-3	-1.36E-4	-1.12E-4
	CC14	0.1160	-0.6652	0.0191	-2.51E-3	-1.39E-4	-8.08E-5
	CC15	-0.0529	-0.6644	0.0254	-2.39E-3	-1.33E-4	2.86E-5
	CC16	-0.0453	-0.6784	0.0272	-2.45E-3	-1.36E-4	5.96E-5
662	CC1	0.2588	0.2229	-0.1039	6.25E-4	3.47E-5	-2.98E-4
	CC2	0.2613	0.2193	-0.1031	6.09E-4	3.38E-5	-2.87E-4
	CC3	0.2771	-0.1687	-0.0350	-7.70E-4	-4.27E-5	-2.08E-4
	CC4	0.2795	-0.1724	-0.0342	-7.85E-4	-4.36E-5	-1.97E-4
	CC5	-0.2789	0.1669	-0.1469	7.58E-4	4.21E-5	1.70E-4
	CC6	-0.2764	0.1632	-0.1462	7.42E-4	4.12E-5	1.82E-4
	CC7	-0.2607	-0.2248	-0.0781	-6.36E-4	-3.53E-5	2.60E-4
	CC8	-0.2582	-0.2284	-0.0773	-6.52E-4	-3.62E-5	2.72E-4
	CC9	0.0468	0.6638	-0.2001	2.31E-3	1.28E-4	-2.51E-4
	CC10	0.0543	0.6528	-0.1978	2.27E-3	1.26E-4	-2.16E-4
	CC11	-0.1145	0.6470	-0.2130	2.35E-3	1.31E-4	-1.10E-4
	CC12	-0.1070	0.6360	-0.2107	2.31E-3	1.28E-4	-7.59E-5
	CC13	0.1076	-0.6415	0.0295	-2.33E-3	-1.30E-4	4.91E-5
	CC14	0.1151	-0.6525	0.0319	-2.38E-3	-1.32E-4	8.37E-5
	CC15	-0.0537	-0.6584	0.0166	-2.29E-3	-1.27E-4	1.90E-4
	CC16	-0.0462	-0.6693	0.0190	-2.34E-3	-1.30E-4	2.24E-4
663	CC1	0.3865	0.3524	-0.1480	6.21E-4	3.45E-5	-4.17E-4
	CC2	0.3903	0.3443	-0.1474	6.01E-4	3.34E-5	-4.00E-4
	CC3	0.4255	-0.3107	-0.0738	-8.92E-4	-4.95E-5	-3.71E-4
	CC4	0.4294	-0.3188	-0.0731	-9.12E-4	-5.06E-5	-3.54E-4
	CC5	-0.4269	0.3097	-0.1126	8.58E-4	4.77E-5	3.26E-4
	CC6	-0.4230	0.3016	-0.1120	8.39E-4	4.66E-5	3.43E-4
	CC7	-0.3878	-0.3534	-0.0384	-6.55E-4	-3.64E-5	3.73E-4
	CC8	-0.3839	-0.3615	-0.0377	-6.75E-4	-3.74E-5	3.90E-4
	CC9	0.0523	1.1195	-0.2229	2.49E-3	1.38E-4	-2.28E-4
	CC10	0.0640	1.0947	-0.2210	2.43E-3	1.35E-4	-1.77E-4
	CC11	-0.1917	1.1066	-0.2123	2.56E-3	1.42E-4	-5.08E-4
	CC12	-0.1800	1.0819	-0.2104	2.50E-3	1.39E-4	4.63E-5
	CC13	0.1825	-1.0910	0.0246	-2.55E-3	-1.42E-4	-7.38E-5
	CC14	0.1942	-1.1157	0.0265	-2.61E-3	-1.45E-4	-2.24E-5
	CC15	-0.0615	-1.1038	0.0353	-2.48E-3	-1.38E-4	1.49E-4
	CC16	-0.0498	-1.1285	0.0371	-2.54E-3	-1.41E-4	2.01E-4
664	CC1	0.3214	0.2873	-0.1441	6.39E-4	3.55E-5	-3.36E-4
	CC2	0.3246	0.2809	-0.1435	6.18E-4	3.43E-5	-3.23E-4
	CC3	0.3497	-0.2430	-0.0725	-9.03E-4	-5.01E-5	-3.09E-4
	CC4	0.3529	-0.2493	-0.0719	-9.24E-4	-5.13E-5	-2.96E-4
	CC5	-0.3514	0.2440	-0.1121	8.92E-4	4.95E-5	2.67E-4
	CC6	-0.3483	0.2377	-0.1115	8.71E-4	4.84E-5	2.81E-4
	CC7	-0.3231	-0.2863	-0.0404	-6.50E-4	-3.61E-5	2.94E-4
	CC8	-0.3199	-0.2926	-0.0398	-6.71E-4	-3.72E-5	3.08E-4
	CC9	0.0497	0.8973	-0.2171	2.55E-3	1.41E-4	-1.70E-4
	CC10	0.0593	0.8780	-0.2152	2.48E-3	1.38E-4	-1.30E-4
	CC11	-0.1522	0.8843	-0.2075	2.62E-3	1.46E-4	1.08E-5
	CC12	-0.1426	0.8650	-0.2056	2.56E-3	1.42E-4	5.16E-5
	CC13	0.1441	-0.8703	0.0217	-2.59E-3	-1.44E-4	-8.04E-5
	CC14	0.1537	-0.8896	0.0235	-2.66E-3	-1.47E-4	-3.96E-5
	CC15	-0.0578	-0.8833	0.0313	-2.52E-3	-1.40E-4	1.01E-4
	CC16	-0.0482	-0.9026	0.0331	-2.58E-3	-1.43E-4	1.42E-4
665	CC1	0.3214	0.2872	-0.1046	7.39E-4	4.10E-5	-3.33E-4
	CC2	0.3245	0.2821	-0.1037	7.21E-4	4.00E-5	-3.20E-4

	CC3	0.3492	-0.2386	-0.0314	-8.91E-4	-4.95E-5	-3.01E-4
	CC4	0.3523	-0.2437	-0.0306	-9.09E-4	-5.05E-5	-2.88E-4
	CC5	-0.3509	0.2361	-0.1523	8.87E-4	4.92E-5	2.66E-4
	CC6	-0.3478	0.2310	-0.1514	8.69E-4	4.82E-5	2.80E-4
	CC7	-0.3231	-0.2896	-0.0792	-7.43E-4	-4.12E-5	2.98E-4
	CC8	-0.3200	-0.2948	-0.0783	-7.62E-4	-4.23E-5	3.11E-4
	CC9	0.0505	0.8879	-0.2074	2.71E-3	1.51E-4	-1.74E-4
	CC10	0.0599	0.8724	-0.2049	2.66E-3	1.47E-4	-1.33E-4
	CC11	-0.1512	0.8726	-0.2217	2.76E-3	1.53E-4	5.28E-6
	CC12	-0.1418	0.8571	-0.2192	2.70E-3	1.50E-4	4.66E-5
	CC13	0.1432	-0.8646	0.0363	-2.72E-3	-1.51E-4	-6.85E-5
	CC14	0.1526	-0.8802	0.0388	-2.78E-3	-1.54E-4	-2.72E-5
	CC15	-0.0585	-0.8799	0.0220	-2.68E-3	-1.49E-4	1.11E-4
	CC16	-0.0491	-0.8955	0.0245	-2.73E-3	-1.52E-4	1.53E-4
666	CC1	0.3862	0.3515	-0.1038	6.09E-4	3.38E-5	-3.49E-4
	CC2	0.3900	0.3449	-0.1029	5.93E-4	3.29E-5	-3.33E-4
	CC3	0.4250	-0.3098	-0.0277	-8.47E-4	-4.70E-5	-4.15E-4
	CC4	0.4287	-0.3164	-0.0268	-8.63E-4	-4.79E-5	-3.99E-4
	CC5	-0.4263	0.3055	-0.1577	8.07E-4	4.48E-5	3.86E-4
	CC6	-0.4225	0.2989	-0.1568	7.91E-4	4.39E-5	4.02E-4
	CC7	-0.3875	-0.3558	-0.0816	-6.49E-4	-3.60E-5	3.21E-4
	CC8	-0.3838	-0.3624	-0.0807	-6.65E-4	-3.69E-5	3.37E-4
	CC9	0.0528	1.1136	-0.2124	2.39E-3	1.33E-4	-3.16E-5
	CC10	0.0642	1.0935	-0.2096	2.34E-3	1.30E-4	1.67E-5
	CC11	-0.1910	1.0998	-0.2285	2.45E-3	1.36E-4	1.89E-4
	CC12	-0.1795	1.0797	-0.2258	2.40E-3	1.33E-4	2.37E-4
	CC13	0.1820	-1.0906	0.0413	-2.46E-3	-1.37E-4	-2.50E-4
	CC14	0.1934	-1.1107	0.0440	-2.51E-3	-1.39E-4	-2.02E-4
	CC15	-0.0618	-1.1044	0.0251	-2.40E-3	-1.33E-4	-2.95E-5
	CC16	-0.0503	-1.1245	0.0279	-2.45E-3	-1.36E-4	1.89E-5
667	CC1	0.3214	0.5006	-0.1932	1.72E-3	1.97E-28	-3.22E-4
	CC2	0.3247	0.4847	-0.1908	1.67E-3	1.97E-28	-3.08E-4
	CC3	0.3520	-0.0683	-0.1070	-2.63E-4	1.24E-28	-2.94E-4
	CC4	0.3553	-0.0842	-0.1046	-3.15E-4	1.24E-28	-2.80E-4
	CC5	-0.3527	0.0775	-0.1135	3.09E-4	-1.24E-28	2.84E-4
	CC6	-0.3494	0.0616	-0.1111	2.57E-4	-1.24E-28	2.97E-4
	CC7	-0.3222	-0.4913	-0.0272	-1.67E-3	-1.97E-28	3.11E-4
	CC8	-0.3189	-0.5072	-0.0248	-1.72E-3	-1.97E-28	3.25E-4
	CC9	0.0465	1.0323	-0.2684	3.59E-3	1.70E-28	-1.56E-4
	CC10	0.0566	0.9841	-0.2612	3.43E-3	1.70E-28	-1.15E-4
	CC11	-0.1557	0.9054	-0.2445	3.17E-3	7.40E-29	2.54E-5
	CC12	-0.1457	0.8572	-0.2372	3.01E-3	7.40E-29	6.67E-5
	CC13	0.1482	-0.8638	0.0192	-3.01E-3	-7.40E-29	-6.33E-5
	CC14	0.1583	-0.9120	0.0264	-3.17E-3	-7.40E-29	-2.20E-5
	CC15	-0.0540	-0.9907	0.0431	-3.44E-3	-1.70E-28	1.18E-4
	CC16	-0.0439	-1.0389	0.0504	-3.60E-3	-1.70E-28	1.60E-4
668	CC1	0.3209	0.5234	-0.1969	1.76E-3	2.82E-28	-3.29E-4
	CC2	0.3242	0.5066	-0.1949	1.70E-3	2.82E-28	-3.15E-4
	CC3	0.3514	-0.0475	-0.1151	-1.92E-4	1.77E-28	-2.95E-4
	CC4	0.3547	-0.0643	-0.1131	-2.47E-4	1.77E-28	-2.81E-4
	CC5	-0.3520	0.0575	-0.1056	2.35E-4	-1.77E-28	2.83E-4
	CC6	-0.3487	0.0406	-0.1036	1.81E-4	-1.77E-28	2.96E-4
	CC7	-0.3215	-0.5134	-0.0238	-1.71E-3	-2.82E-28	3.16E-4
	CC8	-0.3182	-0.5302	-0.0218	-1.77E-3	-2.82E-28	3.30E-4
	CC9	0.0464	1.0435	-0.2625	3.55E-3	2.43E-28	-1.68E-4
	CC10	0.0565	0.9924	-0.2564	3.39E-3	2.43E-28	-1.26E-4
	CC11	-0.1555	0.9038	-0.2351	3.10E-3	1.05E-28	1.51E-5
	CC12	-0.1454	0.8526	-0.2290	2.93E-3	1.05E-28	5.71E-5
	CC13	0.1481	-0.8594	0.0103	-2.94E-3	-1.05E-28	-5.54E-5
	CC14	0.1582	-0.9106	0.0164	-3.11E-3	-1.05E-28	-1.34E-5
	CC15	-0.0538	-0.9992	0.0377	-3.40E-3	-2.43E-28	1.28E-4
	CC16	-0.0437	-1.0504	0.0438	-3.57E-3	-2.43E-28	1.70E-4
669	CC1	0.3215	0.5474	-0.2294	1.85E-3	3.86E-29	-3.51E-4
	CC2	0.3248	0.5295	-0.2278	1.80E-3	3.86E-29	-3.37E-4
	CC3	0.3522	-0.0267	-0.1517	-1.24E-4	2.42E-29	-2.95E-4
	CC4	0.3555	-0.0446	-0.1500	-1.82E-4	2.42E-29	-2.80E-4
	CC5	-0.3527	0.0377	-0.0692	1.70E-4	-2.42E-29	2.80E-4
	CC6	-0.3494	0.0198	-0.0676	1.12E-4	-2.42E-29	2.95E-4
	CC7	-0.3220	-0.5364	0.0085	-1.81E-3	-3.86E-29	3.36E-4
	CC8	-0.3187	-0.5543	0.0102	-1.87E-3	-3.86E-29	3.51E-4
	CC9	0.0463	1.0570	-0.2657	3.63E-3	3.34E-29	-2.10E-4
	CC10	0.0564	1.0028	-0.2608	3.46E-3	3.34E-29	-1.66E-4

	CC11	-0.1559	0.9041	-0.2177	3.13E-3	1.46E-29	-2.10E-5
	CC12	-0.1458	0.8498	-0.2127	2.95E-3	1.46E-29	2.33E-5
	CC13	0.1486	-0.8567	-0.0065	-2.96E-3	-1.46E-29	-2.36E-5
	CC14	0.1587	-0.9110	-0.0016	-3.14E-3	-1.46E-29	2.07E-5
	CC15	-0.0536	-1.0096	0.0415	-3.47E-3	-3.34E-29	1.66E-4
	CC16	-0.0435	-1.0639	0.0465	-3.64E-3	-3.34E-29	2.10E-4
<b>670</b>	CC1	0.3232	0.5728	-0.2657	2.02E-3	3.13E-28	-3.67E-4
	CC2	0.3266	0.5538	-0.2644	1.96E-3	3.13E-28	-3.51E-4
	CC3	0.3542	-0.0059	-0.1921	-5.22E-5	1.96E-28	-2.94E-4
	CC4	0.3575	-0.0249	-0.1908	-1.17E-4	1.96E-28	-2.78E-4
	CC5	-0.3546	0.0181	-0.0288	1.07E-4	-1.96E-28	2.77E-4
	CC6	-0.3512	-0.0009	-0.0276	4.24E-5	-1.96E-28	2.92E-4
	CC7	-0.3236	-0.5607	0.0448	-1.97E-3	-3.13E-28	3.50E-4
	CC8	-0.3203	-0.5796	0.0460	-2.03E-3	-3.13E-28	3.65E-4
	CC9	0.0465	1.0731	-0.2699	3.84E-3	2.70E-28	-2.42E-4
	CC10	0.0567	1.0156	-0.2662	3.64E-3	2.70E-28	-1.96E-4
	CC11	-0.1568	0.9067	-0.1989	3.26E-3	1.18E-28	-4.90E-5
	CC12	-0.1467	0.8492	-0.1951	3.07E-3	1.18E-28	-2.94E-6
	CC13	0.1496	-0.8560	-0.0246	-3.08E-3	-1.18E-28	1.18E-6
	CC14	0.1598	-0.9135	-0.0208	-3.27E-3	-1.18E-28	4.72E-5
	CC15	-0.0537	-1.0224	0.0465	-3.65E-3	-2.70E-28	1.94E-4
	CC16	-0.0436	-1.0799	0.0503	-3.85E-3	-2.70E-28	2.40E-4
<b>671</b>	CC1	0.4090	0.7301	-0.2231	1.31E-3	3.06E-28	-4.69E-4
	CC2	0.4133	0.7064	-0.2213	1.27E-3	3.06E-28	-4.50E-4
	CC3	0.4533	-0.0512	-0.1421	-1.51E-4	1.93E-28	-3.88E-4
	CC4	0.4576	-0.0748	-0.1404	-1.93E-4	1.93E-28	-3.69E-4
	CC5	-0.4537	0.0647	-0.0820	1.45E-4	-1.93E-28	3.65E-4
	CC6	-0.4494	0.0411	-0.0802	1.03E-4	-1.93E-28	3.84E-4
	CC7	-0.4094	-0.7165	-0.0010	-1.32E-3	-3.06E-28	4.46E-4
	CC8	-0.4051	-0.7401	0.0008	-1.36E-3	-3.06E-28	4.65E-4
	CC9	0.0510	1.4326	-0.2700	2.65E-3	2.64E-28	-2.92E-4
	CC10	0.0640	1.3609	-0.2646	2.52E-3	2.64E-28	-2.33E-4
	CC11	-0.2078	1.2330	-0.2276	2.30E-3	1.14E-28	-4.12E-5
	CC12	-0.1948	1.1613	-0.2223	2.17E-3	1.14E-28	1.76E-5
	CC13	0.1987	-1.1714	-0.0001	-2.22E-3	-1.14E-28	-2.15E-5
	CC14	0.2117	-1.2431	0.0053	-2.35E-3	-1.14E-28	3.74E-5
	CC15	-0.0601	-1.3710	0.0423	-2.57E-3	-2.64E-28	2.29E-4
	CC16	-0.0471	-1.4427	0.0476	-2.70E-3	-2.64E-28	2.88E-4
<b>672</b>	CC1	0.3654	0.6472	-0.2268	1.68E-3	3.26E-28	-4.25E-4
	CC2	0.3692	0.6262	-0.2251	1.63E-3	3.26E-28	-4.08E-4
	CC3	0.4030	-0.0386	-0.1474	-1.44E-4	2.05E-28	-3.49E-4
	CC4	0.4068	-0.0596	-0.1457	-1.98E-4	2.05E-28	-3.31E-4
	CC5	-0.4035	0.0517	-0.0751	1.73E-4	-2.05E-28	3.30E-4
	CC6	-0.3997	0.0307	-0.0734	1.20E-4	-2.05E-28	3.48E-4
	CC7	-0.3659	-0.6341	0.0043	-1.65E-3	-3.26E-28	4.07E-4
	CC8	-0.3621	-0.6551	0.0060	-1.71E-3	-3.26E-28	4.25E-4
	CC9	0.0485	1.2602	-0.2680	3.34E-3	2.82E-28	-2.68E-4
	CC10	0.0601	1.1965	-0.2629	3.18E-3	2.82E-28	-2.14E-4
	CC11	-0.1822	1.0816	-0.2225	2.89E-3	1.23E-28	-4.11E-5
	CC12	-0.1706	1.0178	-0.2174	2.73E-3	1.23E-28	1.23E-5
	CC13	0.1739	-1.0258	-0.0034	-2.75E-3	-1.23E-28	-1.31E-5
	CC14	0.1855	-1.0895	0.0017	-2.91E-3	-1.23E-28	4.04E-5
	CC15	-0.0567	-1.2044	0.0421	-3.20E-3	-2.82E-28	2.14E-4
	CC16	-0.0452	-1.2682	0.0472	-3.37E-3	-2.82E-28	2.67E-4
<b>673</b>	CC1	0.3673	0.6828	-0.2680	1.80E-3	2.39E-28	-5.02E-4
	CC2	0.3711	0.6604	-0.2667	1.74E-3	2.39E-28	-4.82E-4
	CC3	0.4054	-0.0118	-0.1932	-7.84E-5	1.51E-28	-3.51E-4
	CC4	0.4093	-0.0342	-0.1919	-1.36E-4	1.51E-28	-3.31E-4
	CC5	-0.4058	0.0265	-0.0295	1.15E-4	-1.51E-28	3.26E-4
	CC6	-0.4020	0.0041	-0.0282	5.71E-5	-1.51E-28	3.46E-4
	CC7	-0.3676	-0.6681	0.0453	-1.76E-3	-2.39E-28	4.78E-4
	CC8	-0.3638	-0.6906	0.0465	-1.82E-3	-2.39E-28	4.98E-4
	CC9	0.0482	1.2864	-0.2730	3.46E-3	2.06E-28	-4.10E-4
	CC10	0.0599	1.2182	-0.2692	3.29E-3	2.06E-28	-3.49E-4
	CC11	-0.1837	1.0895	-0.2015	2.96E-3	8.91E-29	-1.61E-4
	CC12	-0.1720	1.0213	-0.1976	2.78E-3	8.91E-29	-1.01E-4
	CC13	0.1755	-1.0290	-0.0238	-2.80E-3	-8.91E-29	9.62E-5
	CC14	0.1871	-1.0972	-0.0200	-2.98E-3	-8.91E-29	1.57E-4
	CC15	-0.0564	-1.2259	0.0478	-3.31E-3	-2.06E-28	3.45E-4
	CC16	-0.0448	-1.2941	0.0516	-3.48E-3	-2.06E-28	4.05E-4
<b>674</b>	CC1	0.4105	0.7735	-0.2694	1.40E-3	1.07E-28	-5.63E-4
	CC2	0.4148	0.7481	-0.2681	1.35E-3	1.07E-28	-5.41E-4

	CC3	0.4554	-0.0187	-0.1935	-1.02E-4	6.70E-29	-3.90E-4
	CC4	0.4597	-0.0441	-0.1923	-1.47E-4	6.70E-29	-3.67E-4
	CC5	-0.4557	0.0345	-0.0308	1.06E-4	-6.70E-29	3.59E-4
	CC6	-0.4513	0.0091	-0.0295	6.10E-5	-6.70E-29	3.81E-4
	CC7	-0.4108	-0.7577	0.0451	-1.39E-3	-1.07E-28	5.32E-4
	CC8	-0.4065	-0.7831	0.0463	-1.44E-3	-1.07E-28	5.55E-4
	CC9	0.0506	1.4649	-0.2757	2.74E-3	9.22E-29	-4.65E-4
	CC10	0.0637	1.3878	-0.2718	2.60E-3	9.22E-29	-3.97E-4
	CC11	-0.2092	1.2432	-0.2041	2.35E-3	4.01E-29	-1.89E-4
	CC12	-0.1961	1.1661	-0.2002	2.22E-3	4.01E-29	-1.21E-4
	CC13	0.2002	-1.1757	-0.0228	-2.26E-3	-4.01E-29	1.13E-4
	CC14	0.2133	-1.2527	-0.0190	-2.40E-3	-4.01E-29	1.80E-4
	CC15	-0.0597	-1.3974	0.0488	-2.65E-3	-9.22E-29	3.89E-4
	CC16	-0.0466	-1.4744	0.0526	-2.78E-3	-9.22E-29	4.57E-4
675	CC1	0.2587	0.4085	-0.2568	1.70E-3	1.45E-28	-1.84E-4
	CC2	0.2613	0.3947	-0.2555	1.65E-3	1.45E-28	-1.75E-4
	CC3	0.2791	-0.0003	-0.1846	-4.87E-5	9.11E-29	-2.17E-4
	CC4	0.2817	-0.0140	-0.1833	-1.02E-4	9.11E-29	-2.09E-4
	CC5	-0.2796	0.0083	-0.0336	8.54E-5	-9.11E-29	2.10E-4
	CC6	-0.2769	-0.0054	-0.0323	3.21E-5	-9.11E-29	2.19E-4
	CC7	-0.2592	-0.4004	0.0387	-1.66E-3	-1.45E-28	1.76E-4
	CC8	-0.2565	-0.4141	0.0400	-1.72E-3	-1.45E-28	1.85E-4
	CC9	0.0438	0.7593	-0.2643	3.23E-3	1.26E-28	-1.50E-5
	CC10	0.0518	0.7176	-0.2604	3.07E-3	1.26E-28	1.06E-5
	CC11	-0.1177	0.6392	-0.1973	2.74E-3	5.50E-29	1.03E-4
	CC12	-0.1096	0.5976	-0.1934	2.58E-3	5.50E-29	1.29E-4
	CC13	0.1118	-0.6033	-0.0234	-2.60E-3	-5.50E-29	-1.28E-4
	CC14	0.1198	-0.6449	-0.0195	-2.76E-3	-5.50E-29	-1.02E-4
	CC15	-0.0497	-0.7233	0.0435	-3.08E-3	-1.26E-28	-9.55E-6
	CC16	-0.0416	-0.7650	0.0474	-3.25E-3	-1.26E-28	1.61E-5
676	CC1	0.2568	0.3945	-0.2228	1.59E-3	1.99E-28	-2.12E-4
	CC2	0.2594	0.3815	-0.2212	1.54E-3	1.99E-28	-2.03E-4
	CC3	0.2772	-0.0161	-0.1465	-1.06E-4	1.25E-28	-2.19E-4
	CC4	0.2798	-0.0292	-0.1448	-1.55E-4	1.25E-28	-2.09E-4
	CC5	-0.2778	0.0235	-0.0719	1.38E-4	-1.25E-28	2.09E-4
	CC6	-0.2752	0.0104	-0.0703	8.90E-5	-1.25E-28	2.18E-4
	CC7	-0.2574	-0.3871	0.0045	-1.56E-3	-1.99E-28	2.02E-4
	CC8	-0.2548	-0.4002	0.0061	-1.61E-3	-1.99E-28	2.12E-4
	CC9	0.0431	0.7571	-0.2607	3.11E-3	1.72E-28	-6.65E-5
	CC10	0.0511	0.7174	-0.2557	2.96E-3	1.72E-28	-3.81E-5
	CC11	-0.1172	0.6458	-0.2155	2.68E-3	7.52E-29	5.99E-5
	CC12	-0.1093	0.6061	-0.2105	2.53E-3	7.52E-29	8.83E-5
	CC13	0.1113	-0.6117	-0.0062	-2.54E-3	-7.52E-29	-8.85E-5
	CC14	0.1193	-0.6514	-0.0013	-2.69E-3	-7.52E-29	-6.01E-5
	CC15	-0.0491	-0.7230	0.0390	-2.98E-3	-1.72E-28	3.78E-5
	CC16	-0.0411	-0.7627	0.0440	-3.13E-3	-1.72E-28	6.62E-5
677	CC1	0.2559	0.3770	-0.1933	1.52E-3	4.28E-29	-2.65E-4
	CC2	0.2585	0.3647	-0.1913	1.47E-3	4.28E-29	-2.54E-4
	CC3	0.2762	-0.0321	-0.1131	-1.67E-4	2.68E-29	-2.17E-4
	CC4	0.2788	-0.0445	-0.1111	-2.13E-4	2.68E-29	-2.06E-4
	CC5	-0.2769	0.0387	-0.1051	1.98E-4	-2.68E-29	2.04E-4
	CC6	-0.2743	0.0264	-0.1031	1.52E-4	-2.68E-29	2.15E-4
	CC7	-0.2566	-0.3705	-0.0249	-1.49E-3	-4.28E-29	2.52E-4
	CC8	-0.2540	-0.3828	-0.0229	-1.53E-3	-4.28E-29	2.63E-4
	CC9	0.0431	0.7485	-0.2580	3.07E-3	3.71E-29	-1.68E-4
	CC10	0.0511	0.7111	-0.2520	2.93E-3	3.71E-29	-1.35E-4
	CC11	-0.1167	0.6470	-0.2315	2.67E-3	1.62E-29	-2.75E-5
	CC12	-0.1088	0.6096	-0.2255	2.53E-3	1.62E-29	5.34E-6
	CC13	0.1107	-0.6154	0.0093	-2.54E-3	-1.62E-29	-7.85E-6
	CC14	0.1187	-0.6528	0.0153	-2.68E-3	-1.62E-29	2.50E-5
	CC15	-0.0491	-0.7169	0.0358	-2.94E-3	-3.71E-29	1.33E-4
	CC16	-0.0412	-0.7543	0.0418	-3.08E-3	-3.71E-29	1.66E-4
678	CC1	0.2558	0.3581	-0.1885	1.48E-3	1.45E-28	-2.88E-4
	CC2	0.2584	0.3466	-0.1862	1.44E-3	1.45E-28	-2.77E-4
	CC3	0.2758	-0.0467	-0.1046	-2.23E-4	9.13E-29	-2.15E-4
	CC4	0.2784	-0.0582	-0.1023	-2.67E-4	9.13E-29	-2.03E-4
	CC5	-0.2766	0.0522	-0.1131	2.57E-4	-9.13E-29	2.00E-4
	CC6	-0.2740	0.0407	-0.1108	2.13E-4	-9.13E-29	2.12E-4
	CC7	-0.2565	-0.3525	-0.0292	-1.45E-3	-1.45E-28	2.73E-4
	CC8	-0.2539	-0.3641	-0.0269	-1.49E-3	-1.45E-28	2.85E-4
	CC9	0.0435	0.7351	-0.2623	3.09E-3	1.26E-28	-2.14E-4
	CC10	0.0514	0.7000	-0.2554	2.96E-3	1.26E-28	-1.79E-4

	CC11	-0.1163	0.6433	-0.2397	2.72E-3	5.47E-29	-6.80E-5
	CC12	-0.1084	0.6083	-0.2327	2.59E-3	5.47E-29	-3.29E-5
	CC13	0.1102	-0.6142	0.0174	-2.60E-3	-5.47E-29	2.96E-5
	CC14	0.1181	-0.6493	0.0243	-2.73E-3	-5.47E-29	6.47E-5
	CC15	-0.0495	-0.7060	0.0400	-2.97E-3	-1.26E-28	1.76E-4
	CC16	-0.0416	-0.7410	0.0470	-3.10E-3	-1.26E-28	2.11E-4
<b>679</b>	CC1	0.3646	0.6166	-0.1931	1.63E-3	2.74E-28	-3.77E-4
	CC2	0.3684	0.5968	-0.1910	1.58E-3	2.74E-28	-3.61E-4
	CC3	0.4019	-0.0632	-0.1093	-2.09E-4	1.72E-28	-3.47E-4
	CC4	0.4057	-0.0829	-0.1072	-2.60E-4	1.72E-28	-3.31E-4
	CC5	-0.4025	0.0752	-0.1130	2.36E-4	-1.72E-28	3.34E-4
	CC6	-0.3987	0.0554	-0.1109	1.85E-4	-1.72E-28	3.50E-4
	CC7	-0.3651	-0.6046	-0.0292	-1.60E-3	-2.74E-28	3.64E-4
	CC8	-0.3613	-0.6243	-0.0271	-1.65E-3	-2.74E-28	3.80E-4
	CC9	0.0486	1.2402	-0.2649	3.33E-3	2.38E-28	-1.79E-4
	CC10	0.0601	1.1803	-0.2586	3.18E-3	2.38E-28	-1.30E-4
	CC11	-0.1815	1.0778	-0.2409	2.92E-3	1.04E-28	3.44E-5
	CC12	-0.1700	1.0179	-0.2345	2.76E-3	1.04E-28	8.32E-5
	CC13	0.1732	-1.0257	0.0143	-2.79E-3	-1.04E-28	-7.98E-5
	CC14	0.1847	-1.0856	0.0207	-2.94E-3	-1.04E-28	-3.11E-5
	CC15	-0.0569	-1.1881	0.0383	-3.20E-3	-2.38E-28	1.34E-4
	CC16	-0.0454	-1.2480	0.0447	-3.36E-3	-2.38E-28	1.82E-4
<b>680</b>	CC1	0.4053	0.6828	-0.1937	1.28E-3	1.21E-28	-3.96E-4
	CC2	0.4096	0.6611	-0.1913	1.24E-3	1.21E-28	-3.79E-4
	CC3	0.4489	-0.0858	-0.1065	-2.01E-4	7.61E-29	-3.84E-4
	CC4	0.4532	-0.1075	-0.1042	-2.41E-4	7.61E-29	-3.67E-4
	CC5	-0.4495	0.0978	-0.1173	1.87E-4	-7.61E-29	3.73E-4
	CC6	-0.4452	0.0762	-0.1149	1.47E-4	-7.61E-29	3.90E-4
	CC7	-0.4059	-0.6708	-0.0301	-1.30E-3	-1.21E-28	3.84E-4
	CC8	-0.4016	-0.6925	-0.0278	-1.34E-3	-1.21E-28	4.01E-4
	CC9	0.0510	1.3969	-0.2709	2.67E-3	1.04E-28	-1.57E-4
	CC10	0.0638	1.3311	-0.2638	2.55E-3	1.04E-28	-1.05E-4
	CC11	-0.2055	1.2214	-0.2480	2.34E-3	4.49E-29	7.31E-5
	CC12	-0.1926	1.1556	-0.2409	2.22E-3	4.49E-29	1.25E-4
	CC13	0.1963	-1.1653	0.0195	-2.27E-3	-4.49E-29	-1.20E-4
	CC14	0.2092	-1.2311	0.0266	-2.40E-3	-4.49E-29	-6.79E-5
	CC15	-0.0601	-1.3408	0.0424	-2.60E-3	-1.04E-28	1.11E-4
	CC16	-0.0473	-1.4066	0.0495	-2.72E-3	-1.04E-28	1.63E-4
<b>681</b>	CC1	0.3592	0.5796	-0.1972	1.61E-3	2.01E-28	-3.31E-4
	CC2	0.3629	0.5613	-0.1947	1.56E-3	2.01E-28	-3.16E-4
	CC3	0.3957	-0.0827	-0.1092	-2.63E-4	1.26E-28	-3.47E-4
	CC4	0.3994	-0.1010	-0.1068	-3.12E-4	1.26E-28	-3.32E-4
	CC5	-0.3964	0.0938	-0.1126	2.92E-4	-1.26E-28	3.39E-4
	CC6	-0.3927	0.0755	-0.1102	2.42E-4	-1.26E-28	3.54E-4
	CC7	-0.3599	-0.5686	-0.0247	-1.58E-3	-2.01E-28	3.23E-4
	CC8	-0.3562	-0.5869	-0.0222	-1.63E-3	-2.01E-28	3.38E-4
	CC9	0.0483	1.2010	-0.2727	3.38E-3	1.73E-28	-9.25E-5
	CC10	0.0597	1.1454	-0.2652	3.23E-3	1.73E-28	-4.77E-5
	CC11	-0.1783	1.0552	-0.2474	2.98E-3	7.51E-29	1.08E-4
	CC12	-0.1670	0.9997	-0.2399	2.83E-3	7.51E-29	1.53E-4
	CC13	0.1700	-1.0069	0.0205	-2.85E-3	-7.51E-29	-1.46E-4
	CC14	0.1813	-1.0625	0.0280	-3.00E-3	-7.51E-29	-1.01E-4
	CC15	-0.0567	-1.1527	0.0458	-3.25E-3	-1.73E-28	5.46E-5
	CC16	-0.0453	-1.2082	0.0533	-3.40E-3	-1.73E-28	9.94E-5
<b>682</b>	CC1	0.4738	0.9179	-0.1507	6.21E-29	-9.00E-4	-4.26E-4
	CC2	0.4685	0.8858	-0.1521	6.21E-29	-8.89E-4	-4.09E-4
	CC3	0.4794	0.1609	-0.1687	3.91E-29	-9.41E-4	-3.45E-4
	CC4	0.4741	0.1287	-0.1701	3.91E-29	-9.30E-4	-3.27E-4
	CC5	-0.4696	-0.1366	-0.0490	-3.91E-29	9.41E-4	3.31E-4
	CC6	-0.4750	-0.1687	-0.0504	-3.91E-29	9.52E-4	3.49E-4
	CC7	-0.4640	-0.8936	-0.0669	-6.21E-29	9.00E-4	4.13E-4
	CC8	-0.4693	-0.9257	-0.0683	-6.21E-29	9.11E-4	4.30E-4
	CC9	0.1425	1.4647	-0.0928	5.35E-29	-2.19E-4	-2.74E-4
	CC10	0.1263	1.3672	-0.0970	5.35E-29	-1.86E-4	-2.20E-4
	CC11	-0.1406	1.1483	-0.0623	2.31E-29	3.33E-4	-4.70E-5
	CC12	-0.1568	1.0509	-0.0665	2.31E-29	3.67E-4	6.94E-6
	CC13	0.1612	-1.0587	-0.1526	-2.31E-29	-3.56E-4	-3.02E-6
	CC14	0.1450	-1.1562	-0.1568	-2.31E-29	-3.23E-4	5.10E-5
	CC15	-0.1218	-1.3751	-0.1220	-5.35E-29	1.96E-4	2.24E-4
	CC16	-0.1380	-1.4725	-0.1262	-5.35E-29	2.30E-4	2.78E-4
<b>683</b>	CC1	0.3916	0.7263	-0.1612	3.91E-29	-9.74E-4	-3.51E-4
	CC2	0.3873	0.7006	-0.1620	3.91E-29	-9.61E-4	-3.36E-4

	CC3	0.3952	0.1356	-0.1539	2.45E-29	-9.80E-4	-2.91E-4
	CC4	0.3909	0.1099	-0.1547	2.45E-29	-9.67E-4	-2.76E-4
	CC5	-0.3864	-0.1165	-0.0621	-2.45E-29	9.60E-4	2.79E-4
	CC6	-0.3907	-0.1422	-0.0629	-2.45E-29	9.73E-4	2.94E-4
	CC7	-0.3829	-0.7072	-0.0548	-3.91E-29	9.53E-4	3.39E-4
	CC8	-0.3872	-0.7329	-0.0556	-3.91E-29	9.66E-4	3.54E-4
	CC9	0.1195	1.1465	-0.1342	3.38E-29	-3.03E-4	-2.16E-4
	CC10	0.1064	1.0687	-0.1367	3.38E-29	-2.63E-4	-1.71E-4
	CC11	-0.1139	0.8937	-0.1044	1.47E-29	2.77E-4	-2.64E-5
	CC12	-0.1270	0.8159	-0.1070	1.47E-29	3.17E-4	1.82E-5
	CC13	0.1314	-0.8225	-0.1098	-1.47E-29	-3.24E-4	-1.52E-5
	CC14	0.1183	-0.9003	-0.1124	-1.47E-29	-2.85E-4	2.94E-5
	CC15	-0.1020	-1.0753	-0.0801	-3.38E-29	2.56E-4	1.74E-4
	CC16	-0.1151	-1.1531	-0.0827	-3.38E-29	2.95E-4	2.19E-4
684	CC1	0.3113	0.5418	-0.1488	6.88E-29	-9.10E-4	-2.73E-4
	CC2	0.3081	0.5224	-0.1500	6.88E-29	-8.98E-4	-2.61E-4
	CC3	0.3082	0.1109	-0.1635	4.34E-29	-9.15E-4	-2.36E-4
	CC4	0.3050	0.0915	-0.1647	4.34E-29	-9.03E-4	-2.24E-4
	CC5	-0.3011	-0.0970	-0.0492	-4.34E-29	9.03E-4	2.26E-4
	CC6	-0.3043	-0.1164	-0.0503	-4.34E-29	9.14E-4	2.38E-4
	CC7	-0.3042	-0.5278	-0.0638	-6.88E-29	8.98E-4	2.63E-4
	CC8	-0.3074	-0.5472	-0.0650	-6.88E-29	9.09E-4	2.75E-4
	CC9	0.1039	0.8407	-0.0957	5.92E-29	-2.81E-4	-1.52E-4
	CC10	0.0941	0.7818	-0.0992	5.92E-29	-2.46E-4	-1.17E-4
	CC11	-0.0798	0.6490	-0.0658	2.56E-29	2.62E-4	-2.75E-6
	CC12	-0.0896	0.5902	-0.0693	2.56E-29	2.98E-4	3.22E-5
	CC13	0.0936	-0.5956	-0.1445	-2.56E-29	-2.98E-4	-3.01E-5
	CC14	0.0837	-0.6545	-0.1480	-2.56E-29	-2.63E-4	4.81E-6
	CC15	-0.0902	-0.7873	-0.1146	-5.92E-29	2.45E-4	1.20E-4
	CC16	-0.1000	-0.8461	-0.1181	-5.92E-29	2.81E-4	1.54E-4
685	CC1	0.2981	0.5421	-0.1520	2.85E-29	-8.39E-4	-2.75E-4
	CC2	0.2959	0.5227	-0.1525	2.85E-29	-8.33E-4	-2.63E-4
	CC3	0.3040	0.1114	-0.1732	1.79E-29	-9.03E-4	-2.29E-4
	CC4	0.3018	0.0920	-0.1737	1.79E-29	-8.97E-4	-2.18E-4
	CC5	-0.2973	-0.0968	-0.0386	-1.79E-29	8.92E-4	2.19E-4
	CC6	-0.2995	-0.1162	-0.0391	-1.79E-29	8.98E-4	2.31E-4
	CC7	-0.2913	-0.5275	-0.0598	-2.85E-29	8.28E-4	2.65E-4
	CC8	-0.2935	-0.5469	-0.0603	-2.85E-29	8.34E-4	2.76E-4
	CC9	0.0850	0.8407	-0.0872	2.46E-29	-1.64E-4	-1.67E-4
	CC10	0.0784	0.7818	-0.0886	2.46E-29	-1.46E-4	-1.32E-4
	CC11	-0.0936	0.6490	-0.0531	1.07E-29	3.55E-4	-1.85E-5
	CC12	-0.1002	0.5902	-0.0545	1.07E-29	3.73E-4	1.64E-5
	CC13	0.1048	-0.5949	-0.1578	-1.07E-29	-3.78E-4	-1.52E-5
	CC14	0.0981	-0.6538	-0.1592	-1.07E-29	-3.60E-4	1.97E-5
	CC15	-0.0738	-0.7866	-0.1238	-2.46E-29	1.41E-4	1.33E-4
	CC16	-0.0805	-0.8454	-0.1252	-2.46E-29	1.59E-4	1.68E-4
686	CC1	0.3752	0.7272	-0.1460	8.01E-29	-8.92E-4	-3.51E-4
	CC2	0.3725	0.7016	-0.1469	8.01E-29	-8.86E-4	-3.36E-4
	CC3	0.3878	0.1357	-0.1804	5.01E-29	-9.73E-4	-2.91E-4
	CC4	0.3850	0.1100	-0.1813	5.01E-29	-9.67E-4	-2.76E-4
	CC5	-0.3799	-0.1168	-0.0338	-5.01E-29	9.62E-4	2.77E-4
	CC6	-0.3827	-0.1425	-0.0347	-5.01E-29	9.68E-4	2.91E-4
	CC7	-0.3674	-0.7084	-0.0683	-8.01E-29	8.81E-4	3.36E-4
	CC8	-0.3701	-0.7341	-0.0692	-8.01E-29	8.87E-4	3.51E-4
	CC9	0.0991	1.1481	-0.0656	6.96E-29	-1.54E-4	-2.16E-4
	CC10	0.0907	1.0702	-0.0684	6.96E-29	-1.37E-4	-1.72E-4
	CC11	-0.1275	0.8948	-0.0320	3.05E-29	4.02E-4	-2.79E-5
	CC12	-0.1359	0.8169	-0.0347	3.05E-29	4.20E-4	1.65E-5
	CC13	0.1410	-0.8237	-0.1804	-3.05E-29	-4.25E-4	-1.63E-5
	CC14	0.1326	-0.9017	-0.1832	-3.05E-29	-4.07E-4	2.80E-5
	CC15	-0.0856	-1.0770	-0.1468	-6.96E-29	1.31E-4	1.72E-4
	CC16	-0.0940	-1.1549	-0.1495	-6.96E-29	1.49E-4	2.16E-4
687	CC1	0.4534	0.9191	-0.1551	6.88E-29	-8.72E-4	-4.24E-4
	CC2	0.4500	0.8869	-0.1555	6.88E-29	-8.65E-4	-4.07E-4
	CC3	0.4707	0.1606	-0.1764	4.31E-29	-8.99E-4	-3.50E-4
	CC4	0.4673	0.1284	-0.1768	4.31E-29	-8.92E-4	-3.33E-4
	CC5	-0.4623	-0.1374	-0.0405	-4.31E-29	9.03E-4	3.34E-4
	CC6	-0.4657	-0.1696	-0.0409	-4.31E-29	9.10E-4	3.52E-4
	CC7	-0.4450	-0.8960	-0.0618	-6.88E-29	8.76E-4	4.08E-4
	CC8	-0.4484	-0.9281	-0.0622	-6.88E-29	8.83E-4	4.25E-4
	CC9	0.1161	1.4670	-0.0898	5.96E-29	-2.27E-4	-2.63E-4
	CC10	0.1058	1.3694	-0.0911	5.96E-29	-2.04E-4	-2.10E-4

	CC11	-0.1586	1.1501	-0.0554	2.60E-29	3.05E-4	-3.57E-5
	CC12	-0.1689	1.0524	-0.0567	2.60E-29	3.28E-4	1.79E-5
	CC13	0.1738	-1.0615	-0.1606	-2.60E-29	-3.17E-4	-1.68E-5
	CC14	0.1635	-1.1591	-0.1619	-2.60E-29	-2.94E-4	3.68E-5
	CC15	-0.1009	-1.3784	-0.1262	-5.96E-29	2.15E-4	2.11E-4
	CC16	-0.1112	-1.4761	-0.1275	-5.96E-29	2.38E-4	2.64E-4
<b>688</b>	CC1	0.3235	0.5722	-0.1602	2.03E-3	-2.32E-4	-4.31E-4
	CC2	0.3191	0.5516	-0.1666	1.96E-3	-2.24E-4	-4.14E-4
	CC3	0.3196	0.1320	-0.3257	3.50E-4	-4.01E-5	-2.49E-4
	CC4	0.3151	0.1114	-0.3321	2.81E-4	-3.21E-5	-2.32E-4
	CC5	-0.3106	-0.1173	0.1172	-2.98E-4	3.40E-5	2.26E-4
	CC6	-0.3150	-0.1379	0.1107	-3.67E-4	4.19E-5	2.42E-4
	CC7	-0.3145	-0.5574	-0.0484	-1.97E-3	2.26E-4	4.08E-4
	CC8	-0.3190	-0.5781	-0.0548	-2.04E-3	2.34E-4	4.25E-4
	CC9	0.1107	0.8655	0.1366	3.24E-3	-3.70E-4	-4.31E-4
	CC10	0.0973	0.8029	0.1170	3.03E-3	-3.46E-4	-3.80E-4
	CC11	-0.0795	0.6586	0.2198	2.54E-3	-2.91E-4	-2.34E-4
	CC12	-0.0929	0.5960	0.2002	2.33E-3	-2.67E-4	-1.83E-4
	CC13	0.0975	-0.6019	-0.4152	-2.35E-3	2.68E-4	1.77E-4
	CC14	0.0841	-0.6644	-0.4348	-2.56E-3	2.92E-4	2.27E-4
	CC15	-0.0927	-0.8087	-0.3320	-3.05E-3	3.48E-4	3.74E-4
	CC16	-0.1061	-0.8713	-0.3516	-3.26E-3	3.72E-4	4.24E-4
<b>689</b>	CC1	0.4073	0.7596	-0.1632	2.23E-3	-2.55E-4	-3.69E-4
	CC2	0.4016	0.7326	-0.1702	2.15E-3	-2.46E-4	-3.54E-4
	CC3	0.4026	0.1612	-0.3435	3.70E-4	-4.23E-5	-2.88E-4
	CC4	0.3969	0.1342	-0.3504	2.94E-4	-3.36E-5	-2.72E-4
	CC5	-0.3924	-0.1412	0.1329	-3.05E-4	3.48E-5	2.69E-4
	CC6	-0.3981	-0.1682	0.1260	-3.81E-4	4.35E-5	2.84E-4
	CC7	-0.3971	-0.7396	-0.0473	-2.16E-3	2.47E-4	3.51E-4
	CC8	-0.4028	-0.7666	-0.0543	-2.24E-3	2.56E-4	3.66E-4
	CC9	0.1388	1.1700	0.1578	3.58E-3	-4.10E-4	-2.57E-4
	CC10	0.1214	1.0881	0.1367	3.35E-3	-3.83E-4	-2.11E-4
	CC11	-0.1011	0.8998	0.2467	2.82E-3	-3.23E-4	-6.53E-5
	CC12	-0.1185	0.8178	0.2255	2.59E-3	-2.96E-4	-1.94E-5
	CC13	0.1231	-0.8248	-0.4430	-2.60E-3	2.98E-4	1.62E-5
	CC14	0.1057	-0.9068	-0.4642	-2.84E-3	3.24E-4	6.20E-5
	CC15	-0.1168	-1.0951	-0.3542	-3.36E-3	3.85E-4	2.08E-4
	CC16	-0.1342	-1.1770	-0.3753	-3.59E-3	4.11E-4	2.54E-4
<b>690</b>	CC1	0.4908	0.9518	-0.1663	2.14E-3	-2.45E-4	-2.84E-4
	CC2	0.4838	0.9182	-0.1737	2.07E-3	-2.36E-4	-2.71E-4
	CC3	0.4862	0.1907	-0.3561	3.61E-4	-4.13E-5	-3.26E-4
	CC4	0.4792	0.1571	-0.3635	2.87E-4	-3.28E-5	-3.13E-4
	CC5	-0.4752	-0.1655	0.1439	-3.08E-4	3.52E-5	3.16E-4
	CC6	-0.4823	-0.1990	0.1366	-3.82E-4	4.37E-5	3.29E-4
	CC7	-0.4798	-0.9266	-0.0459	-2.09E-3	2.39E-4	2.74E-4
	CC8	-0.4868	-0.9601	-0.0532	-2.16E-3	2.47E-4	2.87E-4
	CC9	0.1652	1.4828	0.1712	3.44E-3	-3.93E-4	-3.78E-5
	CC10	0.1438	1.3810	0.1489	3.21E-3	-3.67E-4	1.69E-6
	CC11	-0.1246	1.1477	0.2642	2.70E-3	-3.09E-4	1.42E-4
	CC12	-0.1460	1.0458	0.2420	2.48E-3	-2.83E-4	1.82E-4
	CC13	0.1500	-1.0541	-0.4615	-2.50E-3	2.86E-4	-1.79E-4
	CC14	0.1286	-1.1560	-0.4838	-2.72E-3	3.11E-4	-1.39E-4
	CC15	-0.1399	-1.3893	-0.3685	-3.23E-3	3.70E-4	1.33E-6
	CC16	-0.1612	-1.4912	-0.3907	-3.46E-3	3.95E-4	4.08E-5
<b>691</b>	CC1	0.2900	0.5718	-0.3247	1.98E-3	-2.03E-4	-3.54E-4
	CC2	0.2888	0.5511	-0.3194	1.91E-3	-1.96E-4	-3.40E-4
	CC3	0.3008	0.1344	-0.2107	3.29E-4	-3.37E-5	-2.35E-4
	CC4	0.2996	0.1138	-0.2054	2.62E-4	-2.68E-5	-2.20E-4
	CC5	-0.2943	-0.1183	-0.0051	-2.82E-4	2.89E-5	2.23E-4
	CC6	-0.2955	-0.1389	0.0002	-3.50E-4	3.58E-5	2.38E-4
	CC7	-0.2836	-0.5557	0.1088	-1.93E-3	1.98E-4	3.43E-4
	CC8	-0.2847	-0.5763	0.1142	-2.00E-3	2.05E-4	3.57E-4
	CC9	0.0741	0.8614	-0.3512	3.18E-3	-3.26E-4	-3.06E-4
	CC10	0.0705	0.7989	-0.3350	2.98E-3	-3.05E-4	-2.63E-4
	CC11	-0.1012	0.6544	-0.2553	2.51E-3	-2.56E-4	-1.33E-4
	CC12	-0.1048	0.5919	-0.2391	2.30E-3	-2.35E-4	-8.96E-5
	CC13	0.1101	-0.5964	0.0286	-2.32E-3	2.37E-4	9.26E-5
	CC14	0.1065	-0.6589	0.0448	-2.53E-3	2.58E-4	1.36E-4
	CC15	-0.0652	-0.8034	0.1245	-3.00E-3	3.07E-4	2.66E-4
	CC16	-0.0688	-0.8660	0.1407	-3.20E-3	3.28E-4	3.09E-4
<b>692</b>	CC1	0.3641	0.7615	-0.3372	2.26E-3	-2.31E-4	-3.29E-4
	CC2	0.3625	0.7344	-0.3314	2.18E-3	-2.23E-4	-3.15E-4



	CC3	0.3802	0.1640	-0.2134	3.55E-4	-3.63E-5	-2.81E-4
	CC4	0.3787	0.1369	-0.2076	2.78E-4	-2.84E-5	-2.67E-4
	CC5	-0.3732	-0.1435	-0.0049	-3.01E-4	3.08E-5	2.69E-4
	CC6	-0.3748	-0.1706	0.0008	-3.79E-4	3.87E-5	2.82E-4
	CC7	-0.3570	-0.7410	0.1189	-2.21E-3	2.26E-4	3.17E-4
	CC8	-0.3586	-0.7681	0.1246	-2.29E-3	2.34E-4	3.30E-4
	CC9	0.0887	1.1693	-0.3712	3.67E-3	-3.75E-4	-1.90E-4
	CC10	0.0840	1.0872	-0.3537	3.43E-3	-3.51E-4	-1.48E-4
	CC11	-0.1324	0.8978	-0.2715	2.90E-3	-2.97E-4	-1.04E-5
	CC12	-0.1372	0.8157	-0.2541	2.66E-3	-2.73E-4	3.12E-5
	CC13	0.1426	-0.8222	0.0415	-2.69E-3	2.75E-4	-2.94E-5
	CC14	0.1379	-0.9044	0.0589	-2.92E-3	2.99E-4	1.22E-5
	CC15	-0.0785	-1.0937	0.1412	-3.46E-3	3.54E-4	1.50E-4
	CC16	-0.0833	-1.1759	0.1586	-3.69E-3	3.78E-4	1.91E-4
693	CC1	0.4387	0.9575	-0.3455	2.14E-3	-2.18E-4	-3.10E-4
	CC2	0.4367	0.9237	-0.3395	2.06E-3	-2.11E-4	-2.96E-4
	CC3	0.4593	0.1942	-0.2142	3.44E-4	-3.52E-5	-3.34E-4
	CC4	0.4574	0.1604	-0.2082	2.71E-4	-2.77E-5	-3.20E-4
	CC5	-0.4524	-0.1689	-0.0061	-2.91E-4	2.97E-5	3.14E-4
	CC6	-0.4544	-0.2026	0.0000	-3.64E-4	3.72E-5	3.28E-4
	CC7	-0.4317	-0.9322	0.1252	-2.08E-3	2.13E-4	2.89E-4
	CC8	-0.4337	-0.9659	0.1313	-2.15E-3	2.20E-4	3.03E-4
	CC9	0.1047	1.4882	-0.3860	3.45E-3	-3.53E-4	-7.66E-5
	CC10	0.0987	1.3856	-0.3677	3.23E-3	-3.30E-4	-3.51E-5
	CC11	-0.1626	1.1503	-0.2842	2.72E-3	-2.78E-4	1.10E-4
	CC12	-0.1686	1.0477	-0.2658	2.50E-3	-2.56E-4	1.52E-4
	CC13	0.1736	-1.0562	0.0516	-2.52E-3	2.58E-4	-1.58E-4
	CC14	0.1676	-1.1587	0.0700	-2.74E-3	2.80E-4	-1.17E-4
	CC15	-0.0937	-1.3941	0.1535	-3.25E-3	3.32E-4	2.86E-5
	CC16	-0.0997	-1.4966	0.1718	-3.47E-3	3.55E-4	7.01E-5
694	CC1	0.3899	0.2421	-0.0480	5.91E-4	4.86E-29	-4.73E-4
	CC2	0.3936	0.2381	-0.0466	5.81E-4	4.86E-29	-4.54E-4
	CC3	0.4274	-0.4105	0.0444	-8.57E-4	3.06E-29	-3.16E-4
	CC4	0.4311	-0.4144	0.0458	-8.67E-4	3.06E-29	-2.98E-4
	CC5	-0.4289	0.4013	-0.2279	8.19E-4	-3.06E-29	2.78E-4
	CC6	-0.4252	0.3973	-0.2265	8.08E-4	-3.06E-29	2.97E-4
	CC7	-0.3915	-0.2513	-0.1355	-6.30E-4	-4.86E-29	4.35E-4
	CC8	-0.3877	-0.2552	-0.1341	-6.40E-4	-4.86E-29	4.53E-4
	CC9	0.0558	1.0631	-0.2201	2.37E-3	4.19E-29	-4.11E-4
	CC10	0.0671	1.0512	-0.2160	2.34E-3	4.19E-29	-3.56E-4
	CC11	-0.1899	1.1109	-0.2740	2.44E-3	1.81E-29	-1.86E-4
	CC12	-0.1785	1.0989	-0.2700	2.41E-3	1.81E-29	-1.30E-4
	CC13	0.1807	-1.1120	0.0879	-2.46E-3	-1.81E-29	1.11E-4
	CC14	0.1921	-1.1240	0.0919	-2.49E-3	-1.81E-29	1.67E-4
	CC15	-0.0649	-1.0643	0.0339	-2.39E-3	-4.19E-29	3.36E-4
	CC16	-0.0536	-1.0762	0.0380	-2.42E-3	-4.19E-29	3.92E-4
695	CC1	0.3262	0.1808	-0.0551	6.86E-4	2.76E-28	-3.47E-4
	CC2	0.3293	0.1780	-0.0538	6.73E-4	2.76E-28	-3.33E-4
	CC3	0.3521	-0.3368	0.0359	-9.19E-4	1.73E-28	-3.03E-4
	CC4	0.3552	-0.3396	0.0371	-9.32E-4	1.73E-28	-2.88E-4
	CC5	-0.3541	0.3294	-0.2179	9.08E-4	-1.73E-28	2.78E-4
	CC6	-0.3510	0.3266	-0.2167	8.96E-4	-1.73E-28	2.93E-4
	CC7	-0.3282	-0.1882	-0.1270	-6.97E-4	-2.76E-28	3.23E-4
	CC8	-0.3250	-0.1910	-0.1257	-7.09E-4	-2.76E-28	3.38E-4
	CC9	0.0547	0.8396	-0.2194	2.65E-3	2.39E-28	-1.95E-4
	CC10	0.0641	0.8310	-0.2157	2.61E-3	2.39E-28	-1.51E-4
	CC11	-0.1494	0.8841	-0.2682	2.72E-3	1.04E-28	-7.45E-6
	CC12	-0.1400	0.8756	-0.2646	2.68E-3	1.04E-28	3.63E-5
	CC13	0.1411	-0.8858	0.0838	-2.70E-3	-1.04E-28	-4.60E-5
	CC14	0.1505	-0.8943	0.0874	-2.74E-3	-1.04E-28	-2.25E-6
	CC15	-0.0630	-0.8412	0.0349	-2.63E-3	-2.39E-28	1.42E-4
	CC16	-0.0535	-0.8497	0.0386	-2.67E-3	-2.39E-28	1.85E-4
696	CC1	0.2621	0.1223	-0.0584	5.52E-4	9.58E-29	-2.23E-4
	CC2	0.2646	0.1205	-0.0573	5.42E-4	9.58E-29	-2.13E-4
	CC3	0.2789	-0.2637	0.0278	-8.09E-4	6.01E-29	-2.83E-4
	CC4	0.2814	-0.2654	0.0289	-8.19E-4	6.01E-29	-2.73E-4
	CC5	-0.2811	0.2579	-0.2083	7.82E-4	-6.01E-29	2.76E-4
	CC6	-0.2786	0.2562	-0.2072	7.72E-4	-6.01E-29	2.86E-4
	CC7	-0.2642	-0.1281	-0.1221	-5.80E-4	-9.58E-29	2.16E-4
	CC8	-0.2618	-0.1298	-0.1210	-5.89E-4	-9.58E-29	2.26E-4
	CC9	0.0498	0.6218	-0.2125	2.23E-3	8.30E-29	1.12E-5
	CC10	0.0574	0.6165	-0.2092	2.20E-3	8.30E-29	4.27E-5

	CC11	-0.1131	0.6624	-0.2575	2.30E-3	3.62E-29	1.61E-4
	CC12	-0.1056	0.6572	-0.2542	2.27E-3	3.62E-29	1.92E-4
	CC13	0.1059	-0.6648	0.0748	-2.31E-3	-3.62E-29	-1.89E-4
	CC14	0.1134	-0.6700	0.0781	-2.34E-3	-3.62E-29	-1.58E-4
	CC15	-0.0570	-0.6241	0.0298	-2.24E-3	-8.30E-29	-3.97E-5
	CC16	-0.0495	-0.6293	0.0331	-2.27E-3	-8.30E-29	-8.15E-6
<b>697</b>	CC1	0.3939	0.2116	-0.0362	5.45E-4	1.37E-28	-4.46E-4
	CC2	0.3977	0.2089	-0.0347	5.37E-4	1.37E-28	-4.28E-4
	CC3	0.4300	-0.4315	0.0730	-9.15E-4	8.59E-29	-3.28E-4
	CC4	0.4338	-0.4342	0.0744	-9.23E-4	8.59E-29	-3.10E-4
	CC5	-0.4317	0.4200	-0.2554	8.77E-4	-8.59E-29	2.98E-4
	CC6	-0.4279	0.4173	-0.2539	8.69E-4	-8.59E-29	3.16E-4
	CC7	-0.3956	-0.2231	-0.1462	-5.82E-4	-1.37E-28	4.16E-4
	CC8	-0.3918	-0.2258	-0.1448	-5.90E-4	-1.37E-28	4.34E-4
	CC9	0.0590	1.0375	-0.2417	2.37E-3	1.19E-28	-3.40E-4
	CC10	0.0705	1.0293	-0.2374	2.35E-3	1.19E-28	-2.86E-4
	CC11	-0.1887	1.1001	-0.3075	2.47E-3	5.23E-29	-1.17E-4
	CC12	-0.1772	1.0918	-0.3031	2.45E-3	5.23E-29	-6.29E-5
	CC13	0.1793	-1.1060	0.1222	-2.49E-3	-5.23E-29	5.11E-5
	CC14	0.1908	-1.1143	0.1265	-2.52E-3	-5.23E-29	1.06E-4
	CC15	-0.0684	-1.0435	0.0565	-2.39E-3	-1.19E-28	2.74E-4
	CC16	-0.0569	-1.0517	0.0608	-2.42E-3	-1.19E-28	3.29E-4
<b>698</b>	CC1	0.3290	0.1556	-0.0402	5.61E-4	1.99E-28	-3.40E-4
	CC2	0.3321	0.1538	-0.0389	5.53E-4	1.99E-28	-3.26E-4
	CC3	0.3542	-0.3583	0.0685	-9.14E-4	1.25E-28	-2.81E-4
	CC4	0.3574	-0.3600	0.0698	-9.23E-4	1.25E-28	-2.67E-4
	CC5	-0.3564	0.3494	-0.2496	8.86E-4	-1.25E-28	2.62E-4
	CC6	-0.3532	0.3476	-0.2483	8.77E-4	-1.25E-28	2.76E-4
	CC7	-0.3311	-0.1645	-0.1409	-5.90E-4	-1.99E-28	3.21E-4
	CC8	-0.3280	-0.1662	-0.1396	-5.99E-4	-1.99E-28	3.35E-4
	CC9	0.0565	0.8247	-0.2417	2.41E-3	1.73E-28	-2.12E-4
	CC10	0.0661	0.8193	-0.2377	2.38E-3	1.73E-28	-1.69E-4
	CC11	-0.1491	0.8828	-0.3045	2.50E-3	7.55E-29	-3.13E-5
	CC12	-0.1395	0.8775	-0.3005	2.48E-3	7.55E-29	1.14E-5
	CC13	0.1405	-0.8881	0.1207	-2.51E-3	-7.55E-29	-1.63E-5
	CC14	0.1501	-0.8935	0.1247	-2.54E-3	-7.55E-29	2.65E-5
	CC15	-0.0651	-0.8300	0.0578	-2.42E-3	-1.73E-28	1.64E-4
	CC16	-0.0555	-0.8353	0.0619	-2.44E-3	-1.73E-28	2.07E-4
<b>699</b>	CC1	0.2637	0.1029	-0.0410	5.01E-4	1.30E-28	-2.60E-4
	CC2	0.2662	0.1021	-0.0397	4.94E-4	1.30E-28	-2.49E-4
	CC3	0.2803	-0.2844	0.0624	-8.84E-4	8.19E-29	-2.29E-4
	CC4	0.2828	-0.2852	0.0637	-8.91E-4	8.19E-29	-2.18E-4
	CC5	-0.2827	0.2778	-0.2422	8.56E-4	-8.19E-29	2.17E-4
	CC6	-0.2802	0.2769	-0.2409	8.49E-4	-8.19E-29	2.28E-4
	CC7	-0.2661	-0.1095	-0.1388	-5.29E-4	-1.30E-28	2.48E-4
	CC8	-0.2636	-0.1104	-0.1375	-5.36E-4	-1.30E-28	2.59E-4
	CC9	0.0505	0.6168	-0.2334	2.25E-3	1.13E-28	-1.41E-4
	CC10	0.0581	0.6142	-0.2295	2.23E-3	1.13E-28	-1.08E-4
	CC11	-0.1134	0.6693	-0.2937	2.35E-3	4.91E-29	2.17E-6
	CC12	-0.1058	0.6667	-0.2899	2.33E-3	4.91E-29	3.56E-5
	CC13	0.1060	-0.6742	0.1113	-2.37E-3	-4.91E-29	-3.71E-5
	CC14	0.1135	-0.6768	0.1152	-2.39E-3	-4.91E-29	-3.75E-6
	CC15	-0.0580	-0.6217	0.0510	-2.26E-3	-1.13E-28	1.06E-4
	CC16	-0.0504	-0.6243	0.0548	-2.28E-3	-1.13E-28	1.39E-4
<b>700</b>	CC1	0.3957	0.1814	-0.0297	4.76E-4	1.70E-28	-4.17E-4
	CC2	0.3996	0.1799	-0.0283	4.71E-4	1.70E-28	-4.00E-4
	CC3	0.4311	-0.4543	0.1045	-9.66E-4	1.07E-28	-3.25E-4
	CC4	0.4349	-0.4558	0.1059	-9.71E-4	1.07E-28	-3.08E-4
	CC5	-0.4329	0.4410	-0.2858	9.23E-4	-1.07E-28	3.04E-4
	CC6	-0.4290	0.4395	-0.2844	9.18E-4	-1.07E-28	3.22E-4
	CC7	-0.3975	-0.1947	-0.1516	-5.18E-4	-1.70E-28	3.96E-4
	CC8	-0.3937	-0.1962	-0.1502	-5.23E-4	-1.70E-28	4.13E-4
	CC9	0.0606	1.0154	-0.2773	2.32E-3	1.47E-28	-2.89E-4
	CC10	0.0722	1.0109	-0.2730	2.30E-3	1.47E-28	-2.36E-4
	CC11	-0.1880	1.0933	-0.3542	2.45E-3	6.44E-29	-7.24E-5
	CC12	-0.1764	1.0888	-0.3498	2.44E-3	6.44E-29	-2.01E-5
	CC13	0.1784	-1.1035	0.1699	-2.49E-3	-6.44E-29	1.66E-5
	CC14	0.1900	-1.1081	0.1743	-2.50E-3	-6.44E-29	6.89E-5
	CC15	-0.0702	-1.0257	0.0931	-2.35E-3	-1.47E-28	2.33E-4
	CC16	-0.0585	-1.0302	0.0974	-2.37E-3	-1.47E-28	2.85E-4
<b>701</b>	CC1	0.3302	0.1285	-0.0247	4.75E-4	1.92E-29	-3.39E-4
	CC2	0.3334	0.1278	-0.0232	4.69E-4	1.92E-29	-3.25E-4

	CC3	0.3560	-0.3796	0.1092	-9.61E-4	1.21E-29	-2.54E-4
	CC4	0.3592	-0.3802	0.1106	-9.66E-4	1.21E-29	-2.40E-4
	CC5	-0.3583	0.3693	-0.2895	9.26E-4	-1.21E-29	2.39E-4
	CC6	-0.3551	0.3687	-0.2880	9.20E-4	-1.21E-29	2.53E-4
	CC7	-0.3325	-0.1388	-0.1556	-5.10E-4	-1.92E-29	3.23E-4
	CC8	-0.3293	-0.1394	-0.1541	-5.15E-4	-1.92E-29	3.37E-4
	CC9	0.0560	0.8061	-0.2751	2.31E-3	1.66E-29	-2.49E-4
	CC10	0.0656	0.8043	-0.2706	2.30E-3	1.66E-29	-2.07E-4
	CC11	-0.1506	0.8784	-0.3545	2.45E-3	7.22E-3	-7.61E-5
	CC12	-0.1410	0.8765	-0.3500	2.43E-3	7.22E-3	-3.36E-5
	CC13	0.1419	-0.8874	0.1712	-2.47E-3	-7.22E-3	3.20E-5
	CC14	0.1515	-0.8893	0.1757	-2.49E-3	-7.22E-3	7.45E-5
	CC15	-0.0647	-0.8152	0.0918	-2.34E-3	-1.66E-29	2.05E-4
	CC16	-0.0551	-0.8171	0.0962	-2.35E-3	-1.66E-29	2.48E-4
<b>702</b>	CC1	0.2646	0.0795	-0.0202	4.27E-4	7.41E-29	-2.54E-4
	CC2	0.2671	0.0796	-0.0187	4.22E-4	7.41E-29	-2.43E-4
	CC3	0.2820	-0.3033	0.1087	-9.20E-4	4.66E-29	-1.91E-4
	CC4	0.2845	-0.3032	0.1102	-9.25E-4	4.66E-29	-1.80E-4
	CC5	-0.2845	0.2956	-0.2878	8.89E-4	-4.66E-29	1.80E-4
	CC6	-0.2820	0.2958	-0.2864	8.84E-4	-4.66E-29	1.90E-4
	CC7	-0.2671	-0.0872	-0.1590	-4.58E-4	-7.41E-29	2.43E-4
	CC8	-0.2646	-0.0871	-0.1575	-4.63E-4	-7.41E-29	2.53E-4
	CC9	0.0497	0.6016	-0.2657	2.16E-3	6.39E-29	-1.86E-4
	CC10	0.0573	0.6021	-0.2612	2.15E-3	6.39E-29	-1.54E-4
	CC11	-0.1151	0.6665	-0.3460	2.30E-3	2.77E-29	-5.62E-5
	CC12	-0.1075	0.6669	-0.3415	2.29E-3	2.77E-29	-2.40E-5
	CC13	0.1075	-0.6745	0.1638	-2.33E-3	-2.77E-29	2.33E-5
	CC14	0.1151	-0.6741	0.1683	-2.34E-3	-2.77E-29	5.54E-5
	CC15	-0.0573	-0.6097	0.0835	-2.19E-3	-6.39E-29	1.53E-4
	CC16	-0.0497	-0.6092	0.0881	-2.20E-3	-6.39E-29	1.85E-4
<b>703</b>	CC1	0.3942	0.1559	-0.0200	4.39E-4	2.56E-28	-4.14E-4
	CC2	0.3980	0.1555	-0.0184	4.36E-4	2.56E-28	-3.97E-4
	CC3	0.4309	-0.4738	0.1385	-1.02E-3	1.60E-28	-3.14E-4
	CC4	0.4347	-0.4742	0.1400	-1.02E-3	1.60E-28	-2.97E-4
	CC5	-0.4327	0.4594	-0.3191	9.78E-4	-1.60E-28	2.98E-4
	CC6	-0.4289	0.4590	-0.3176	9.75E-4	-1.60E-28	3.15E-4
	CC7	-0.3960	-0.1703	-0.1607	-4.82E-4	-2.56E-28	3.98E-4
	CC8	-0.3922	-0.1707	-0.1592	-4.86E-4	-2.56E-28	4.15E-4
	CC9	0.0582	0.9972	-0.3110	2.33E-3	2.22E-28	-2.99E-4
	CC10	0.0698	0.9959	-0.3065	2.32E-3	2.22E-28	-2.47E-4
	CC11	-0.1898	1.0883	-0.4008	2.50E-3	9.76E-29	-8.52E-5
	CC12	-0.1783	1.0870	-0.3962	2.49E-3	9.76E-29	-3.31E-5
	CC13	0.1803	-1.1018	0.2171	-2.53E-3	-9.76E-29	3.38E-5
	CC14	0.1918	-1.1031	0.2217	-2.54E-3	-9.76E-29	8.59E-5
	CC15	-0.0678	-1.0108	0.1273	-2.37E-3	-2.22E-28	2.47E-4
	CC16	-0.0562	-1.0121	0.1319	-2.38E-3	-2.22E-28	3.00E-4
<b>704</b>	CC1	0.3321	0.1086	-0.0098	3.96E-4	3.56E-29	-3.41E-4
	CC2	0.3353	0.1089	-0.0081	3.93E-4	3.56E-29	-3.27E-4
	CC3	0.3595	-0.3979	0.1477	-9.75E-4	2.23E-29	-2.41E-4
	CC4	0.3627	-0.3976	0.1494	-9.78E-4	2.23E-29	-2.26E-4
	CC5	-0.3618	0.3866	-0.3275	9.37E-4	-2.23E-29	2.28E-4
	CC6	-0.3586	0.3868	-0.3259	9.34E-4	-2.23E-29	2.42E-4
	CC7	-0.3344	-0.1199	-0.1700	-4.34E-4	-3.56E-29	3.29E-4
	CC8	-0.3312	-0.1197	-0.1683	-4.37E-4	-3.56E-29	3.43E-4
	CC9	0.0540	0.7966	-0.3065	2.19E-3	3.09E-29	-2.73E-4
	CC10	0.0637	0.7973	-0.3015	2.18E-3	3.09E-29	-2.30E-4
	CC11	-0.1541	0.8799	-0.4018	2.35E-3	1.35E-29	-1.02E-4
	CC12	-0.1445	0.8807	-0.3968	2.34E-3	1.35E-29	-5.93E-5
	CC13	0.1453	-0.8918	0.2186	-2.38E-3	-1.35E-29	6.11E-5
	CC14	0.1550	-0.8910	0.2237	-2.39E-3	-1.35E-29	1.04E-4
	CC15	-0.0629	-0.8084	0.1233	-2.22E-3	-3.09E-29	2.32E-4
	CC16	-0.0532	-0.8076	0.1284	-2.23E-3	-3.09E-29	2.75E-4
<b>705</b>	CC1	0.3999	0.1417	-0.0098	4.01E-4	1.75E-28	-4.27E-4
	CC2	0.4037	0.1420	-0.0082	3.99E-4	1.75E-28	-4.09E-4
	CC3	0.4391	-0.4979	0.1675	-1.07E-3	1.10E-28	-3.18E-4
	CC4	0.4430	-0.4975	0.1691	-1.07E-3	1.10E-28	-3.00E-4
	CC5	-0.4409	0.4824	-0.3477	1.02E-3	-1.10E-28	3.04E-4
	CC6	-0.4371	0.4827	-0.3461	1.02E-3	-1.10E-28	3.22E-4
	CC7	-0.4017	-0.1572	-0.1704	-4.46E-4	-1.75E-28	4.13E-4
	CC8	-0.3978	-0.1569	-0.1688	-4.48E-4	-1.75E-28	4.31E-4
	CC9	0.0558	1.0068	-0.3366	2.33E-3	1.51E-28	-3.17E-4
	CC10	0.0675	1.0077	-0.3317	2.33E-3	1.51E-28	-2.63E-4

	CC11	-0.1964	1.1090	-0.4380	2.52E-3	6.57E-29	-9.77E-5
	CC12	-0.1847	1.1099	-0.4330	2.51E-3	6.57E-29	-4.36E-5
	CC13	0.1867	-1.1251	0.2544	-2.56E-3	-6.57E-29	4.72E-5
	CC14	0.1984	-1.1242	0.2594	-2.56E-3	-6.57E-29	1.01E-4
	CC15	-0.0655	-1.0229	0.1531	-2.37E-3	-1.51E-28	2.66E-4
	CC16	-0.0538	-1.0220	0.1580	-2.38E-3	-1.51E-28	3.21E-4
<b>706</b>	CC1	0.3541	0.1119	-0.0038	3.84E-4	2.49E-28	-3.76E-4
	CC2	0.3575	0.1125	-0.0020	3.82E-4	2.49E-28	-3.60E-4
	CC3	0.3857	-0.4342	0.1685	-1.04E-3	1.56E-28	-2.45E-4
	CC4	0.3891	-0.4336	0.1703	-1.04E-3	1.56E-28	-2.30E-4
	CC5	-0.3879	0.4213	-0.3483	9.96E-4	-1.56E-28	2.33E-4
	CC6	-0.3845	0.4219	-0.3466	9.94E-4	-1.56E-28	2.49E-4
	CC7	-0.3563	-0.1248	-0.1760	-4.25E-4	-2.49E-28	3.64E-4
	CC8	-0.3529	-0.1242	-0.1743	-4.27E-4	-2.49E-28	3.79E-4
	CC9	0.0541	0.8568	-0.3271	2.26E-3	2.15E-28	-3.30E-4
	CC10	0.0644	0.8586	-0.3218	2.25E-3	2.15E-28	-2.84E-4
	CC11	-0.1685	0.9496	-0.4305	2.44E-3	9.36E-29	-1.48E-4
	CC12	-0.1582	0.9514	-0.4252	2.44E-3	9.36E-29	-1.01E-4
	CC13	0.1594	-0.9636	0.2471	-2.48E-3	-9.36E-29	1.04E-4
	CC14	0.1697	-0.9619	0.2524	-2.48E-3	-9.36E-29	1.51E-4
	CC15	-0.0632	-0.8708	0.1438	-2.30E-3	-2.15E-28	2.87E-4
	CC16	-0.0529	-0.8691	0.1491	-2.30E-3	-2.15E-28	3.34E-4
<b>707</b>	CC1	0.3129	-0.5597	0.0172	1.97E-28	-9.13E-4	-2.44E-4
	CC2	0.3094	-0.5326	0.0182	1.97E-28	-9.03E-4	-2.34E-4
	CC3	0.3103	-0.8536	-0.0049	1.24E-28	-9.24E-4	-1.98E-4
	CC4	0.3068	-0.8265	-0.0039	1.24E-28	-9.14E-4	-1.88E-4
	CC5	-0.3112	0.8199	-0.1725	-1.24E-28	9.03E-4	1.96E-4
	CC6	-0.3147	0.8470	-0.1716	-1.24E-28	9.14E-4	2.06E-4
	CC7	-0.3138	0.5260	-0.1946	-1.97E-28	8.92E-4	2.42E-4
	CC8	-0.3173	0.5531	-0.1937	-1.97E-28	9.03E-4	2.52E-4
	CC9	0.1010	0.2384	-0.0244	1.70E-28	-2.75E-4	-1.54E-4
	CC10	0.0906	0.3208	-0.0215	1.70E-28	-2.43E-4	-1.23E-4
	CC11	-0.0863	0.6523	-0.0814	7.38E-29	2.70E-4	-2.22E-5
	CC12	-0.0967	0.7347	-0.0785	7.38E-29	3.02E-4	8.68E-6
	CC13	0.0923	-0.7413	-0.0980	-7.38E-29	-3.12E-4	-3.51E-7
	CC14	0.0818	-0.6589	-0.0951	-7.38E-29	-2.80E-4	3.06E-5
	CC15	-0.0950	-0.3274	-0.1549	-1.70E-28	2.33E-4	1.32E-4
	CC16	-0.1054	-0.2450	-0.1520	-1.70E-28	2.65E-4	1.63E-4
<b>708</b>	CC1	0.3015	-0.5597	0.0443	2.21E-28	-8.83E-4	-2.40E-4
	CC2	0.2990	-0.5325	0.0394	2.21E-28	-8.74E-4	-2.30E-4
	CC3	0.3074	-0.8535	0.0953	1.39E-28	-9.37E-4	-1.91E-4
	CC4	0.3050	-0.8264	0.0903	1.39E-28	-9.28E-4	-1.81E-4
	CC5	-0.3084	0.8200	-0.2644	-1.39E-28	9.18E-4	1.92E-4
	CC6	-0.3109	0.8471	-0.2694	-1.39E-28	9.28E-4	2.02E-4
	CC7	-0.3025	0.5261	-0.2135	-2.21E-28	8.64E-4	2.41E-4
	CC8	-0.3049	0.5532	-0.2184	-2.21E-28	8.74E-4	2.51E-4
	CC9	0.0835	0.2385	-0.1182	1.91E-28	-1.99E-4	-1.55E-4
	CC10	0.0762	0.3209	-0.1331	1.91E-28	-1.70E-4	-1.25E-4
	CC11	-0.0994	0.6524	-0.2108	8.26E-29	3.41E-4	-2.57E-5
	CC12	-0.1068	0.7347	-0.2258	8.26E-29	3.70E-4	5.00E-6
	CC13	0.1034	-0.7412	0.0517	-8.26E-29	-3.79E-4	6.16E-6
	CC14	0.0960	-0.6588	0.0367	-8.26E-29	-3.51E-4	3.68E-5
	CC15	-0.0796	-0.3273	-0.0410	-1.91E-28	1.61E-4	1.36E-4
	CC16	-0.0870	-0.2449	-0.0559	-1.91E-28	1.90E-4	1.66E-4
<b>709</b>	CC1	0.4719	-0.8474	0.0227	1.90E-28	-9.12E-4	-4.14E-4
	CC2	0.4663	-0.8057	0.0241	1.90E-28	-9.00E-4	-3.96E-4
	CC3	0.4790	-1.3124	-0.0066	1.19E-28	-9.37E-4	-3.52E-4
	CC4	0.4734	-1.2708	-0.0051	1.19E-28	-9.25E-4	-3.34E-4
	CC5	-0.4747	1.2591	-0.1735	-1.19E-28	8.98E-4	3.44E-4
	CC6	-0.4803	1.3008	-0.1721	-1.19E-28	9.10E-4	3.62E-4
	CC7	-0.4676	0.7941	-0.2027	-1.90E-28	8.72E-4	4.06E-4
	CC8	-0.4732	0.8358	-0.2013	-1.90E-28	8.84E-4	4.24E-4
	CC9	0.1379	0.3900	-0.0133	1.64E-28	-2.61E-4	-2.39E-4
	CC10	0.1209	0.5165	-0.0090	1.64E-28	-2.24E-4	-1.86E-4
	CC11	-0.1460	1.0220	-0.0721	7.17E-29	2.82E-4	-1.14E-5
	CC12	-0.1630	1.1485	-0.0679	7.17E-29	3.18E-4	4.18E-5
	CC13	0.1617	-1.1601	-0.1108	-7.17E-29	-3.46E-4	-3.18E-5
	CC14	0.1447	-1.0336	-0.1065	-7.17E-29	-3.09E-4	2.14E-5
	CC15	-0.1223	-0.5281	-0.1696	-1.64E-28	1.97E-4	1.96E-4
	CC16	-0.1393	-0.4017	-0.1653	-1.64E-28	2.34E-4	2.49E-4
<b>710</b>	CC1	0.3915	-0.7003	0.0204	1.64E-28	-9.29E-4	-3.18E-4
	CC2	0.3870	-0.6660	0.0216	1.64E-28	-9.16E-4	-3.04E-4

	CC3	0.3959	-1.0771	-0.0058	1.03E-28	-9.65E-4	-2.57E-4
	CC4	0.3915	-1.0429	-0.0046	1.03E-28	-9.52E-4	-2.44E-4
	CC5	-0.3947	1.0339	-0.1731	-1.03E-28	9.37E-4	2.53E-4
	CC6	-0.3992	1.0682	-0.1718	-1.03E-28	9.50E-4	2.66E-4
	CC7	-0.3903	0.6571	-0.1992	-1.64E-28	9.00E-4	3.14E-4
	CC8	-0.3948	0.6913	-0.1980	-1.64E-28	9.13E-4	3.27E-4
	CC9	0.1157	0.3116	-0.0180	1.42E-28	-2.47E-4	-2.02E-4
	CC10	0.1021	0.4154	-0.0143	1.42E-28	-2.07E-4	-1.62E-4
	CC11	-0.1202	0.8319	-0.0760	6.17E-29	3.13E-4	-3.08E-5
	CC12	-0.1337	0.9357	-0.0723	6.17E-29	3.53E-4	9.22E-6
	CC13	0.1305	-0.9446	-0.1053	-6.17E-29	-3.68E-4	4.65E-7
	CC14	0.1169	-0.8408	-0.1016	-6.17E-29	-3.29E-4	4.05E-5
	CC15	-0.1054	-0.4244	-0.1633	-1.42E-28	1.91E-4	1.72E-4
	CC16	-0.1190	-0.3206	-0.1596	-1.42E-28	2.31E-4	2.12E-4
<b>711</b>	CC1	0.3790	-0.7002	0.0493	6.40E-29	-8.77E-4	-3.17E-4
	CC2	0.3758	-0.6660	0.0441	6.40E-29	-8.68E-4	-3.04E-4
	CC3	0.3890	-1.0770	0.1035	4.03E-29	-9.15E-4	-2.54E-4
	CC4	0.3857	-1.0428	0.0983	4.03E-29	-9.06E-4	-2.41E-4
	CC5	-0.3881	1.0340	-0.2733	-4.03E-29	8.90E-4	2.50E-4
	CC6	-0.3913	1.0682	-0.2785	-4.03E-29	8.99E-4	2.63E-4
	CC7	-0.3781	0.6572	-0.2191	-6.40E-29	8.53E-4	3.13E-4
	CC8	-0.3813	0.6914	-0.2243	-6.40E-29	8.61E-4	3.26E-4
	CC9	0.1022	0.3116	-0.1217	5.52E-29	-2.23E-4	-2.05E-4
	CC10	0.0924	0.4154	-0.1374	5.52E-29	-1.98E-4	-1.65E-4
	CC11	-0.1279	0.8319	-0.2184	2.39E-29	3.08E-4	-3.49E-5
	CC12	-0.1377	0.9357	-0.2342	2.39E-29	3.33E-4	5.25E-6
	CC13	0.1354	-0.9445	0.0592	-2.39E-29	-3.49E-4	3.88E-6
	CC14	0.1256	-0.8407	0.0435	-2.39E-29	-3.23E-4	4.40E-5
	CC15	-0.0948	-0.4242	-0.0376	-5.52E-29	1.82E-4	1.74E-4
	CC16	-0.1045	-0.3204	-0.0533	-5.52E-29	2.07E-4	2.14E-4
<b>712</b>	CC1	0.4550	-0.8473	0.0527	9.13E-29	-8.67E-4	-4.12E-4
	CC2	0.4511	-0.8057	0.0473	9.13E-29	-8.59E-4	-3.95E-4
	CC3	0.4677	-1.3123	0.1093	5.72E-29	-8.99E-4	-3.46E-4
	CC4	0.4638	-1.2707	0.1039	5.72E-29	-8.91E-4	-3.29E-4
	CC5	-0.4644	1.2592	-0.2797	-5.72E-29	8.68E-4	3.35E-4
	CC6	-0.4683	1.3009	-0.2850	-5.72E-29	8.75E-4	3.52E-4
	CC7	-0.4517	0.7942	-0.2230	-9.13E-29	8.36E-4	4.01E-4
	CC8	-0.4556	0.8359	-0.2284	-9.13E-29	8.43E-4	4.18E-4
	CC9	0.1223	0.3900	-0.1243	7.92E-29	-2.30E-4	-2.46E-4
	CC10	0.1105	0.5165	-0.1406	7.92E-29	-2.07E-4	-1.93E-4
	CC11	-0.1535	1.0220	-0.2240	3.47E-29	2.90E-4	-2.20E-5
	CC12	-0.1654	1.1485	-0.2403	3.47E-29	3.13E-4	3.07E-5
	CC13	0.1648	-1.1599	0.0645	-3.47E-29	-3.37E-4	-2.49E-5
	CC14	0.1529	-1.0335	0.0482	-3.47E-29	-3.14E-4	2.77E-5
	CC15	-0.1110	-0.5280	-0.0352	-7.92E-29	1.84E-4	1.99E-4
	CC16	-0.1229	-0.4015	-0.0515	-7.92E-29	2.06E-4	2.52E-4
<b>713</b>	CC1	0.4771	0.9792	-0.2153	2.44E-4	-7.16E-4	-5.39E-4
	CC2	0.4713	0.9444	-0.2196	2.36E-4	-7.11E-4	-5.18E-4
	CC3	0.4859	0.2210	-0.3547	5.50E-5	-9.15E-4	-3.64E-4
	CC4	0.4800	0.1862	-0.3590	4.71E-5	-9.10E-4	-3.42E-4
	CC5	-0.4757	-0.1945	0.1420	-5.48E-5	9.39E-4	3.51E-4
	CC6	-0.4815	-0.2293	0.1377	-6.27E-5	9.44E-4	3.72E-4
	CC7	-0.4669	-0.9527	0.0026	-2.44E-4	7.40E-4	5.27E-4
	CC8	-0.4727	-0.9875	-0.0017	-2.52E-4	7.45E-4	5.48E-4
	CC9	0.1393	1.4883	0.0768	3.68E-4	9.16E-5	-4.54E-4
	CC10	0.1216	1.3827	0.0637	3.44E-4	1.06E-4	-3.89E-4
	CC11	-0.1465	1.1362	0.1840	2.79E-4	5.88E-4	-1.87E-4
	CC12	-0.1642	1.0306	0.1709	2.55E-4	6.02E-4	-1.22E-4
	CC13	0.1686	-1.0390	-0.3879	-2.62E-4	-5.73E-4	1.31E-4
	CC14	0.1509	-1.1446	-0.4010	-2.86E-4	-5.59E-4	1.96E-4
	CC15	-0.1173	-1.3911	-0.2807	-3.52E-4	-7.65E-5	3.98E-4
	CC16	-0.1350	-1.4967	-0.2938	-3.76E-4	-6.25E-5	4.63E-4
<b>714</b>	CC1	0.4095	0.7870	-0.2146	-4.85E-5	-6.90E-4	2.63E-4
	CC2	0.4043	0.7589	-0.2186	-4.85E-5	-6.90E-4	2.70E-4
	CC3	0.4024	0.1860	-0.3458	-7.04E-5	-1.00E-3	1.66E-4
	CC4	0.3972	0.1578	-0.3499	-7.05E-5	-1.00E-3	1.73E-4
	CC5	-0.3913	-0.1646	0.1345	7.07E-5	1.01E-3	-1.49E-4
	CC6	-0.3965	-0.1928	0.1305	7.06E-5	1.00E-3	-1.42E-4
	CC7	-0.3984	-0.7657	0.0033	4.87E-5	6.93E-4	-2.46E-4
	CC8	-0.4036	-0.7939	-0.0007	4.87E-5	6.93E-4	-2.39E-4
	CC9	0.1428	1.1838	0.0648	1.89E-5	2.68E-4	2.25E-4
	CC10	0.1270	1.0983	0.0525	1.88E-5	2.67E-4	2.47E-4

	CC11	-0.0975	0.8983	0.1695	5.46E-5	7.77E-4	1.01E-4
	CC12	-0.1133	0.8128	0.1573	5.45E-5	7.75E-4	1.23E-4
	CC13	0.1192	-0.8196	-0.3726	-5.43E-5	-7.72E-4	-9.85E-5
	CC14	0.1034	-0.9051	-0.3849	-5.44E-5	-7.74E-4	-7.69E-5
	CC15	-0.1211	-1.1051	-0.2679	-1.86E-5	-2.64E-4	-2.22E-4
	CC16	-0.1369	-1.1906	-0.2801	-1.87E-5	-2.65E-4	-2.00E-4
<b>715</b>	CC1	0.3308	0.6025	-0.2145	9.60E-4	-9.63E-4	1.93E-4
	CC2	0.3264	0.5807	-0.2182	9.26E-4	-9.51E-4	1.91E-4
	CC3	0.3165	0.1527	-0.3344	2.18E-4	-9.93E-4	-9.40E-5
	CC4	0.3122	0.1308	-0.3381	1.84E-4	-9.80E-4	-9.69E-5
	CC5	-0.3070	-0.1361	0.1247	-1.77E-4	9.59E-4	1.01E-4
	CC6	-0.3113	-0.1579	0.1210	-2.11E-4	9.71E-4	9.77E-5
	CC7	-0.3212	-0.5859	0.0048	-9.19E-4	9.29E-4	-1.87E-4
	CC8	-0.3256	-0.6077	0.0011	-9.52E-4	9.41E-4	-1.90E-4
	CC9	0.1286	0.8910	0.0478	1.46E-3	-2.68E-4	4.99E-4
	CC10	0.1154	0.8247	0.0367	1.36E-3	-2.31E-4	4.91E-4
	CC11	-0.0627	0.6694	0.1496	1.12E-3	3.09E-4	4.71E-4
	CC12	-0.0760	0.6032	0.1384	1.02E-3	3.46E-4	4.63E-4
	CC13	0.0812	-0.6084	-0.3519	-1.01E-3	-3.67E-4	-4.59E-4
	CC14	0.0679	-0.6747	-0.3630	-1.11E-3	-3.30E-4	-4.68E-4
	CC15	-0.1102	-0.8300	-0.2501	-1.35E-3	2.09E-4	-4.87E-4
	CC16	-0.1234	-0.8963	-0.2612	-1.45E-3	2.46E-4	-4.95E-4
<b>716</b>	CC1	0.3337	0.6033	-0.2662	2.12E-3	-1.16E-3	-2.78E-4
	CC2	0.3297	0.5814	-0.2667	2.05E-3	-1.15E-3	-2.66E-4
	CC3	0.3102	0.1535	-0.3114	4.47E-4	-1.03E-3	-2.47E-4
	CC4	0.3062	0.1316	-0.3120	3.75E-4	-1.02E-3	-2.35E-4
	CC5	-0.3005	-0.1367	0.0995	-3.02E-4	9.65E-4	2.41E-4
	CC6	-0.3046	-0.1586	0.0990	-3.74E-4	9.83E-4	2.53E-4
	CC7	-0.3240	-0.5865	0.0543	-1.98E-3	1.09E-3	2.72E-4
	CC8	-0.3281	-0.6083	0.0538	-2.05E-3	1.11E-3	2.84E-4
	CC9	0.1433	0.8912	-0.0849	3.30E-3	-5.86E-4	-1.45E-4
	CC10	0.1309	0.8249	-0.0865	3.08E-3	-5.34E-4	-1.09E-4
	CC11	-0.0469	0.6692	0.0248	2.57E-3	5.27E-5	1.12E-5
	CC12	-0.0593	0.6029	0.0232	2.35E-3	1.04E-4	4.69E-5
	CC13	0.0650	-0.6080	-0.2357	-2.28E-3	-1.56E-4	-4.10E-5
	CC14	0.0526	-0.6743	-0.2373	-2.50E-3	-1.04E-4	-5.22E-6
	CC15	-0.1253	-0.8300	-0.1259	-3.01E-3	4.83E-4	1.15E-4
	CC16	-0.1377	-0.8963	-0.1275	-3.22E-3	5.34E-4	1.50E-4
<b>717</b>	CC1	0.3145	0.6057	-0.3328	1.79E-3	-1.06E-3	-6.83E-4
	CC2	0.3118	0.5837	-0.3299	1.73E-3	-1.04E-3	-6.57E-4
	CC3	0.3049	0.1545	-0.2909	3.65E-4	-9.83E-4	-3.13E-4
	CC4	0.3022	0.1325	-0.2881	3.02E-4	-9.70E-4	-2.87E-4
	CC5	-0.2963	-0.1375	0.0767	-3.24E-4	9.31E-4	2.83E-4
	CC6	-0.2990	-0.1594	0.0796	-3.87E-4	9.44E-4	3.09E-4
	CC7	-0.3059	-0.5887	0.1186	-1.75E-3	1.01E-3	6.53E-4
	CC8	-0.3086	-0.6106	0.1215	-1.82E-3	1.02E-3	6.79E-4
	CC9	0.1147	0.8943	-0.2412	2.78E-3	-4.62E-4	-8.02E-4
	CC10	0.1065	0.8277	-0.2325	2.59E-3	-4.23E-4	-7.24E-4
	CC11	-0.0686	0.6714	-0.1184	2.15E-3	1.35E-4	-5.12E-4
	CC12	-0.0768	0.6047	-0.1097	1.96E-3	1.74E-4	-4.34E-4
	CC13	0.0827	-0.6097	-0.1017	-1.98E-3	-2.12E-4	4.31E-4
	CC14	0.0745	-0.6763	-0.0930	-2.17E-3	-1.73E-4	5.09E-4
	CC15	-0.1006	-0.8326	0.0212	-2.62E-3	3.85E-4	7.20E-4
	CC16	-0.1088	-0.8993	0.0299	-2.81E-3	4.24E-4	7.99E-4
<b>718</b>	CC1	0.4649	0.9808	-0.2766	1.18E-3	-6.93E-4	-4.56E-4
	CC2	0.4605	0.9459	-0.2772	1.14E-3	-6.87E-4	-4.37E-4
	CC3	0.4825	0.2229	-0.3245	2.51E-4	-8.18E-4	-3.43E-4
	CC4	0.4781	0.1881	-0.3250	2.10E-4	-8.12E-4	-3.24E-4
	CC5	-0.4730	-0.1963	0.1094	-2.30E-4	8.58E-4	3.35E-4
	CC6	-0.4774	-0.2311	0.1088	-2.71E-4	8.64E-4	3.53E-4
	CC7	-0.4554	-0.9541	0.0616	-1.16E-3	7.33E-4	4.47E-4
	CC8	-0.4598	-0.9890	0.0610	-1.20E-3	7.39E-4	4.66E-4
	CC9	0.1206	1.4885	-0.0852	1.81E-3	-1.00E-5	-3.30E-4
	CC10	0.1072	1.3826	-0.0868	1.69E-3	8.08E-6	-2.73E-4
	CC11	-0.1608	1.1353	0.0306	1.39E-3	4.55E-4	-9.24E-5
	CC12	-0.1741	1.0295	0.0290	1.26E-3	4.73E-4	-3.56E-5
	CC13	0.1792	-1.0377	-0.2446	-1.28E-3	-4.27E-4	4.58E-5
	CC14	0.1658	-1.1435	-0.2462	-1.41E-3	-4.09E-4	1.03E-4
	CC15	-0.1022	-1.3908	-0.1288	-1.71E-3	3.82E-5	2.83E-4
	CC16	-0.1155	-1.4966	-0.1304	-1.83E-3	5.63E-5	3.40E-4
<b>719</b>	CC1	0.4085	0.7878	-0.2715	-3.63E-5	-5.16E-4	-3.48E-4
	CC2	0.4041	0.7596	-0.2721	-3.72E-5	-5.29E-4	-3.33E-4

	CC3	0.4003	0.1874	-0.3188	-7.54E-5	-1.07E-3	-2.90E-4
	CC4	0.3959	0.1592	-0.3193	-7.63E-5	-1.08E-3	-2.76E-4
	CC5	-0.3885	-0.1659	0.1052	7.66E-5	1.09E-3	2.91E-4
	CC6	-0.3929	-0.1941	0.1047	7.57E-5	1.08E-3	3.06E-4
	CC7	-0.3967	-0.7662	0.0579	3.75E-5	5.34E-4	3.49E-4
	CC8	-0.4012	-0.7945	0.0574	3.66E-5	5.21E-4	3.63E-4
	CC9	0.1437	1.1831	-0.0839	4.98E-5	7.08E-4	-2.06E-4
	CC10	0.1303	1.0975	-0.0856	4.71E-5	6.70E-4	-1.61E-4
	CC11	-0.0954	0.8971	0.0291	8.36E-5	1.19E-3	-1.43E-5
	CC12	-0.1088	0.8114	0.0274	8.10E-5	1.15E-3	3.03E-5
	CC13	0.1162	-0.8181	-0.2415	-8.06E-5	-1.15E-3	-1.47E-5
	CC14	0.1028	-0.9037	-0.2432	-8.33E-5	-1.18E-3	2.98E-5
	CC15	-0.1229	-1.1042	-0.1285	-4.67E-5	-6.65E-4	1.77E-4
	CC16	-0.1363	-1.1898	-0.1302	-4.94E-5	-7.03E-4	2.22E-4
<b>720</b>	CC1	0.3886	0.7905	-0.3433	-4.07E-5	-5.79E-4	-5.07E-4
	CC2	0.3855	0.7622	-0.3402	-4.14E-5	-5.89E-4	-4.87E-4
	CC3	0.3927	0.1894	-0.2982	-7.18E-5	-1.02E-3	-3.39E-4
	CC4	0.3896	0.1610	-0.2951	-7.25E-5	-1.03E-3	-3.20E-4
	CC5	-0.3824	-0.1675	0.0822	7.29E-5	1.04E-3	2.99E-4
	CC6	-0.3855	-0.1958	0.0852	7.22E-5	1.03E-3	3.18E-4
	CC7	-0.3784	-0.7687	0.1273	4.18E-5	5.95E-4	4.66E-4
	CC8	-0.3814	-0.7970	0.1303	4.11E-5	5.85E-4	4.86E-4
	CC9	0.1172	1.1854	-0.2501	3.61E-5	5.13E-4	-4.40E-4
	CC10	0.1078	1.0994	-0.2408	3.40E-5	4.84E-4	-3.81E-4
	CC11	-0.1141	0.8980	-0.1224	7.02E-5	9.98E-4	-1.99E-4
	CC12	-0.1235	0.8120	-0.1132	6.81E-5	9.69E-4	-1.39E-4
	CC13	0.1306	-0.8185	-0.0997	-6.77E-5	-9.62E-4	1.18E-4
	CC14	0.1213	-0.9045	-0.0905	-6.98E-5	-9.92E-4	1.78E-4
	CC15	-0.1007	-1.1059	0.0279	-3.36E-5	-4.78E-4	3.60E-4
	CC16	-0.1100	-1.1919	0.0372	-3.57E-5	-5.07E-4	4.19E-4
<b>721</b>	CC1	0.4522	0.9846	-0.3522	5.25E-4	-7.36E-4	-3.74E-4
	CC2	0.4490	0.9496	-0.3489	5.08E-4	-7.32E-4	-3.58E-4
	CC3	0.4725	0.2258	-0.3023	1.14E-4	-8.66E-4	-3.46E-4
	CC4	0.4694	0.1908	-0.2990	9.65E-5	-8.62E-4	-3.30E-4
	CC5	-0.4640	-0.1988	0.0848	-1.18E-4	8.99E-4	3.27E-4
	CC6	-0.4672	-0.2338	0.0880	-1.35E-4	9.03E-4	3.43E-4
	CC7	-0.4437	-0.9576	0.1347	-5.30E-4	7.68E-4	3.55E-4
	CC8	-0.4468	-0.9926	0.1379	-5.47E-4	7.73E-4	3.71E-4
	CC9	0.1110	1.4914	-0.2607	7.98E-4	-1.60E-5	-1.76E-4
	CC10	0.1014	1.3851	-0.2509	7.46E-4	-3.10E-6	-1.28E-4
	CC11	-0.1639	1.1364	-0.1296	6.05E-4	4.74E-4	3.40E-5
	CC12	-0.1735	1.0301	-0.1198	5.53E-4	4.87E-4	8.26E-5
	CC13	0.1788	-1.0381	-0.0945	-5.75E-4	-4.51E-4	-8.56E-5
	CC14	0.1692	-1.1444	-0.0846	-6.26E-4	-4.38E-4	-3.70E-5
	CC15	-0.0960	-1.3931	0.0366	-7.68E-4	3.97E-5	1.25E-4
	CC16	-0.1056	-1.4994	0.0465	-8.19E-4	5.26E-5	1.73E-4
<b>722</b>	CC1	0.6001	-1.0657	0.0300	9.42E-29	-8.76E-4	-5.40E-4
	CC2	0.5954	-1.0120	0.0239	9.42E-29	-8.71E-4	-5.18E-4
	CC3	0.6192	-1.7198	0.1047	5.92E-29	-9.05E-4	-4.42E-4
	CC4	0.6145	-1.6662	0.0986	5.92E-29	-8.99E-4	-4.19E-4
	CC5	-0.6095	1.6485	-0.2790	-5.92E-29	8.67E-4	4.16E-4
	CC6	-0.6142	1.7021	-0.2851	-5.92E-29	8.72E-4	4.38E-4
	CC7	-0.5904	0.9944	-0.2042	-9.42E-29	8.39E-4	5.14E-4
	CC8	-0.5951	1.0480	-0.2103	-9.42E-29	8.44E-4	5.37E-4
	CC9	0.1591	0.5929	-0.1591	8.14E-29	-2.39E-4	-3.44E-4
	CC10	0.1449	0.7556	-0.1776	8.14E-29	-2.23E-4	-2.75E-4
	CC11	-0.2038	1.4071	-0.2518	3.54E-29	2.84E-4	-5.70E-5
	CC12	-0.2179	1.5699	-0.2703	3.54E-29	3.00E-4	1.16E-5
	CC13	0.2229	-1.5876	0.0900	-3.54E-29	-3.32E-4	-1.50E-5
	CC14	0.2088	-1.4248	0.0715	-3.54E-29	-3.17E-4	5.36E-5
	CC15	-0.1399	-0.7733	-0.0027	-8.14E-29	1.91E-4	2.72E-4
	CC16	-0.1541	-0.6106	-0.0212	-8.14E-29	2.06E-4	3.40E-4
<b>723</b>	CC1	0.6201	-1.0641	-0.1108	1.47E-28	-8.97E-4	-5.31E-4
	CC2	0.6133	-1.0105	-0.1098	1.47E-28	-8.89E-4	-5.09E-4
	CC3	0.6298	-1.7171	-0.1241	9.26E-29	-9.12E-4	-4.25E-4
	CC4	0.6230	-1.6636	-0.1231	9.26E-29	-9.04E-4	-4.03E-4
	CC5	-0.6173	1.6456	-0.0611	-9.26E-29	8.67E-4	3.93E-4
	CC6	-0.6241	1.6991	-0.0601	-9.26E-29	8.75E-4	4.15E-4
	CC7	-0.6077	0.9925	-0.0743	-1.47E-28	8.52E-4	4.99E-4
	CC8	-0.6145	1.0461	-0.0734	-1.47E-28	8.60E-4	5.21E-4
	CC9	0.1827	0.5917	-0.0789	1.27E-28	-2.70E-4	-3.53E-4
	CC10	0.1621	0.7541	-0.0759	1.27E-28	-2.46E-4	-2.88E-4

	CC11	-0.1886	1.4046	-0.0639	5.49E-29	2.59E-4	-7.62E-5
	CC12	-0.2092	1.5670	-0.0610	5.49E-29	2.83E-4	-1.03E-5
	CC13	0.2148	-1.5850	-0.1232	-5.49E-29	-3.21E-4	5.64E-7
	CC14	0.1942	-1.4226	-0.1202	-5.49E-29	-2.97E-4	6.64E-5
	CC15	-0.1564	-0.7721	-0.1083	-1.27E-28	2.09E-4	2.78E-4
	CC16	-0.1770	-0.6097	-0.1053	-1.27E-28	2.33E-4	3.44E-4
724	CC1	0.7460	-1.3350	0.0316	3.76E-29	-8.26E-4	-6.98E-4
	CC2	0.7405	-1.2673	0.0254	3.76E-29	-8.21E-4	-6.69E-4
	CC3	0.7677	-2.1724	0.1083	2.36E-29	-8.52E-4	-5.92E-4
	CC4	0.7622	-2.1047	0.1021	2.36E-29	-8.47E-4	-5.62E-4
	CC5	-0.7514	2.0799	-0.2834	-2.36E-29	8.08E-4	5.47E-4
	CC6	-0.7570	2.1476	-0.2897	-2.36E-29	8.13E-4	5.76E-4
	CC7	-0.7297	1.2425	-0.2068	-3.76E-29	7.82E-4	6.53E-4
	CC8	-0.7352	1.3102	-0.2130	-3.76E-29	7.87E-4	6.82E-4
	CC9	0.2021	0.7683	-0.1617	3.25E-29	-2.29E-4	-4.16E-4
	CC10	0.1854	0.9736	-0.1807	3.25E-29	-2.14E-4	-3.27E-4
	CC11	-0.2471	1.7927	-0.2563	1.41E-29	2.61E-4	-4.21E-5
	CC12	-0.2638	1.9981	-0.2752	1.41E-29	2.76E-4	4.64E-5
	CC13	0.2746	-2.0229	0.0938	-1.41E-29	-3.15E-4	-6.17E-5
	CC14	0.2579	-1.8176	0.0749	-1.41E-29	-3.00E-4	2.68E-5
	CC15	-0.1746	-0.9985	-0.0007	-3.25E-29	1.75E-4	3.12E-4
	CC16	-0.1914	-0.7931	-0.0196	-3.25E-29	1.90E-4	4.00E-4
725	CC1	0.6738	-1.1999	0.0315	1.69E-28	-8.64E-4	-6.12E-4
	CC2	0.6687	-1.1393	0.0253	1.69E-28	-8.59E-4	-5.87E-4
	CC3	0.6943	-1.9442	0.1078	1.06E-28	-8.87E-4	-5.08E-4
	CC4	0.6892	-1.8835	0.1016	1.06E-28	-8.83E-4	-4.82E-4
	CC5	-0.6815	1.8624	-0.2825	-1.06E-28	8.52E-4	4.73E-4
	CC6	-0.6866	1.9230	-0.2888	-1.06E-28	8.57E-4	4.99E-4
	CC7	-0.6610	1.1181	-0.2063	-1.69E-28	8.29E-4	5.78E-4
	CC8	-0.6661	1.1788	-0.2125	-1.69E-28	8.34E-4	6.03E-4
	CC9	0.1808	0.6785	-0.1611	1.47E-28	-2.41E-4	-3.81E-4
	CC10	0.1653	0.8625	-0.1799	1.47E-28	-2.27E-4	-3.03E-4
	CC11	-0.2258	1.5972	-0.2553	6.40E-29	2.74E-4	-5.55E-5
	CC12	-0.2413	1.7812	-0.2741	6.40E-29	2.88E-4	2.24E-5
	CC13	0.2490	-1.8023	0.0932	-6.40E-29	-3.18E-4	-3.14E-5
	CC14	0.2336	-1.6184	0.0743	-6.40E-29	-3.04E-4	4.65E-5
	CC15	-0.1576	-0.8837	-0.0010	-1.47E-28	1.97E-4	2.94E-4
	CC16	-0.1730	-0.6997	-0.0199	-1.47E-28	2.11E-4	3.72E-4
726	CC1	0.6969	-1.2002	-0.1109	5.38E-29	-9.09E-4	-6.19E-4
	CC2	0.6893	-1.1396	-0.1100	5.38E-29	-9.00E-4	-5.93E-4
	CC3	0.7075	-1.9447	-0.1243	3.38E-29	-9.38E-4	-5.13E-4
	CC4	0.7000	-1.8841	-0.1233	3.38E-29	-9.29E-4	-4.88E-4
	CC5	-0.6914	1.8629	-0.0617	-3.38E-29	8.99E-4	4.80E-4
	CC6	-0.6989	1.9235	-0.0608	-3.38E-29	9.09E-4	5.06E-4
	CC7	-0.6807	1.1184	-0.0751	-5.38E-29	8.70E-4	5.85E-4
	CC8	-0.6883	1.1790	-0.0741	-5.38E-29	8.79E-4	6.11E-4
	CC9	0.2062	0.6787	-0.0791	4.65E-29	-2.51E-4	-3.83E-4
	CC10	0.1833	0.8628	-0.0762	4.65E-29	-2.23E-4	-3.05E-4
	CC11	-0.2103	1.5977	-0.0643	2.02E-29	2.91E-4	-5.30E-5
	CC12	-0.2332	1.7817	-0.0614	2.02E-29	3.19E-4	2.48E-5
	CC13	0.2417	-1.8029	-0.1237	-2.02E-29	-3.49E-4	-3.24E-5
	CC14	0.2188	-1.6189	-0.1207	-2.02E-29	-3.21E-4	4.53E-5
	CC15	-0.1747	-0.8840	-0.1089	-4.65E-29	1.94E-4	2.97E-4
	CC16	-0.1977	-0.7000	-0.1060	-4.65E-29	2.22E-4	3.75E-4
727	CC1	0.7730	-1.3372	-0.1131	1.14E-28	-8.69E-4	-7.06E-4
	CC2	0.7646	-1.2694	-0.1120	1.14E-28	-8.61E-4	-6.77E-4
	CC3	0.7848	-2.1762	-0.1280	7.11E-29	-8.92E-4	-6.05E-4
	CC4	0.7764	-2.1084	-0.1269	7.11E-29	-8.83E-4	-5.75E-4
	CC5	-0.7646	2.0837	-0.0585	-7.11E-29	8.38E-4	5.69E-4
	CC6	-0.7730	2.1515	-0.0574	-7.11E-29	8.47E-4	5.98E-4
	CC7	-0.7528	1.2448	-0.0734	-1.14E-28	8.16E-4	6.70E-4
	CC8	-0.7611	1.3126	-0.0724	-1.14E-28	8.24E-4	7.00E-4
	CC9	0.2295	0.7699	-0.0777	9.84E-29	-2.54E-4	-4.08E-4
	CC10	0.2042	0.9757	-0.0744	9.84E-29	-2.28E-4	-3.19E-4
	CC11	-0.2318	1.7962	-0.0613	4.30E-29	2.58E-4	-2.60E-5
	CC12	-0.2571	2.0019	-0.0580	4.30E-29	2.84E-4	6.38E-5
	CC13	0.2689	-2.0266	-0.1274	-4.30E-29	-3.29E-4	-7.05E-5
	CC14	0.2436	-1.8208	-0.1241	-4.30E-29	-3.03E-4	1.93E-5
	CC15	-0.1924	-1.0003	-0.1111	-9.84E-29	1.83E-4	3.12E-4
	CC16	-0.2177	-0.7945	-0.1078	-9.84E-29	2.09E-4	4.02E-4
728	CC1	0.6454	-1.1003	-0.2586	-1.56E-3	-2.41E-4	-6.20E-4
	CC2	0.6362	-1.0452	-0.2501	-1.48E-3	-2.29E-4	-5.92E-4



	CC3	0.6422	-1.7474	-0.3716	-2.56E-3	-3.94E-4	-5.76E-4
	CC4	0.6330	-1.6924	-0.3632	-2.48E-3	-3.82E-4	-5.49E-4
	CC5	-0.6275	1.6743	0.1774	2.44E-3	3.76E-4	5.61E-4
	CC6	-0.6367	1.7293	0.1858	2.52E-3	3.88E-4	5.89E-4
	CC7	-0.6307	1.0271	0.0643	1.44E-3	2.22E-4	6.05E-4
	CC8	-0.6399	1.0821	0.0728	1.52E-3	2.34E-4	6.32E-4
	CC9	0.2129	0.5698	0.0173	9.20E-4	1.42E-4	-2.85E-4
	CC10	0.1850	0.7368	0.0430	1.16E-3	1.79E-4	-2.02E-4
	CC11	-0.1690	1.4022	0.1481	2.12E-3	3.27E-4	6.97E-5
	CC12	-0.1969	1.5692	0.1737	2.36E-3	3.64E-4	1.52E-4
	CC13	0.2023	-1.5873	-0.3596	-2.40E-3	-3.70E-4	-1.40E-4
	CC14	0.1744	-1.4203	-0.3339	-2.16E-3	-3.33E-4	-5.72E-5
	CC15	-0.1795	-0.7550	-0.2288	-1.20E-3	-1.85E-4	2.14E-4
	CC16	-0.2074	-0.5880	-0.2032	-9.62E-4	-1.48E-4	2.97E-4
<b>729</b>	CC1	0.7235	-1.2414	-0.2613	-1.67E-3	-2.58E-4	-6.07E-4
	CC2	0.7133	-1.1790	-0.2527	-1.59E-3	-2.45E-4	-5.81E-4
	CC3	0.7216	-1.9802	-0.3769	-2.76E-3	-4.25E-4	-5.01E-4
	CC4	0.7113	-1.9178	-0.3683	-2.67E-3	-4.11E-4	-4.75E-4
	CC5	-0.7027	1.8968	0.1816	2.64E-3	4.06E-4	4.81E-4
	CC6	-0.7129	1.9592	0.1902	2.72E-3	4.20E-4	5.07E-4
	CC7	-0.7046	1.1581	0.0660	1.56E-3	2.40E-4	5.87E-4
	CC8	-0.7149	1.2204	0.0746	1.64E-3	2.53E-4	6.12E-4
	CC9	0.2371	0.6554	0.0199	1.01E-3	1.55E-4	-3.76E-4
	CC10	0.2059	0.8447	0.0460	1.27E-3	1.96E-4	-2.98E-4
	CC11	-0.1908	1.5969	0.1527	2.30E-3	3.55E-4	-4.94E-5
	CC12	-0.2220	1.7862	0.1789	2.56E-3	3.95E-4	2.86E-5
	CC13	0.2306	-1.8071	-0.3655	-2.60E-3	-4.00E-4	-2.29E-5
	CC14	0.1995	-1.6178	-0.3394	-2.34E-3	-3.60E-4	5.51E-5
	CC15	-0.1972	-0.8657	-0.2326	-1.30E-3	-2.01E-4	3.03E-4
	CC16	-0.2284	-0.6764	-0.2065	-1.04E-3	-1.61E-4	3.81E-4
<b>730</b>	CC1	0.8029	-1.3846	-0.2625	-1.58E-3	-2.43E-4	-6.00E-4
	CC2	0.7915	-1.3148	-0.2538	-1.49E-3	-2.30E-4	-5.76E-4
	CC3	0.8025	-2.2185	-0.3795	-2.59E-3	-3.99E-4	-4.27E-4
	CC4	0.7911	-2.1487	-0.3708	-2.51E-3	-3.87E-4	-4.03E-4
	CC5	-0.7789	2.1247	0.1837	2.46E-3	3.79E-4	4.05E-4
	CC6	-0.7903	2.1945	0.1924	2.54E-3	3.92E-4	4.29E-4
	CC7	-0.7793	1.2908	0.0667	1.45E-3	2.23E-4	5.78E-4
	CC8	-0.7907	1.3606	0.0754	1.53E-3	2.36E-4	6.02E-4
	CC9	0.2614	0.7455	0.0212	9.40E-4	1.45E-4	-4.74E-4
	CC10	0.2268	0.9573	0.0476	1.19E-3	1.83E-4	-4.01E-4
	CC11	-0.2132	1.7983	0.1551	2.15E-3	3.31E-4	-1.72E-4
	CC12	-0.2478	2.0101	0.1814	2.40E-3	3.70E-4	-9.94E-5
	CC13	0.2600	-2.0341	-0.3685	-2.45E-3	-3.77E-4	1.01E-4
	CC14	0.2254	-1.8222	-0.3422	-2.20E-3	-3.39E-4	1.74E-4
	CC15	-0.2146	-0.9813	-0.2347	-1.23E-3	-1.90E-4	4.03E-4
	CC16	-0.2492	-0.7695	-0.2083	-9.87E-4	-1.52E-4	4.76E-4
<b>731</b>	CC1	0.5808	-1.1036	0.1680	-1.54E-3	-2.36E-4	-5.49E-4
	CC2	0.5781	-1.0484	0.1550	-1.46E-3	-2.24E-4	-5.26E-4
	CC3	0.6081	-1.7532	0.3256	-2.54E-3	-3.90E-4	-4.58E-4
	CC4	0.6054	-1.6980	0.3126	-2.46E-3	-3.78E-4	-4.35E-4
	CC5	-0.6008	1.6804	-0.4877	2.42E-3	3.72E-4	4.38E-4
	CC6	-0.6035	1.7357	-0.5007	2.50E-3	3.84E-4	4.61E-4
	CC7	-0.5735	1.0309	-0.3302	1.42E-3	2.17E-4	5.28E-4
	CC8	-0.5762	1.0861	-0.3432	1.49E-3	2.29E-4	5.51E-4
	CC9	0.1383	0.5724	-0.2320	9.42E-4	1.45E-4	-3.32E-4
	CC10	0.1300	0.7400	-0.2715	1.18E-3	1.81E-4	-2.62E-4
	CC11	-0.2162	1.4077	-0.4287	2.13E-3	3.27E-4	-3.64E-5
	CC12	-0.2244	1.5753	-0.4682	2.37E-3	3.63E-4	3.40E-5
	CC13	0.2290	-1.5928	0.2931	-2.41E-3	-3.70E-4	-3.15E-5
	CC14	0.2208	-1.4252	0.2536	-2.17E-3	-3.33E-4	3.89E-5
	CC15	-0.1254	-0.7576	0.0964	-1.22E-3	-1.87E-4	2.64E-4
	CC16	-0.1337	-0.5900	0.0569	-9.84E-4	-1.51E-4	3.35E-4
<b>732</b>	CC1	0.6515	-1.2408	0.1707	-1.55E-3	-2.38E-4	-6.13E-4
	CC2	0.6486	-1.1785	0.1575	-1.47E-3	-2.26E-4	-5.87E-4
	CC3	0.6808	-1.9791	0.3309	-2.57E-3	-3.95E-4	-5.11E-4
	CC4	0.6779	-1.9168	0.3177	-2.49E-3	-3.83E-4	-4.85E-4
	CC5	-0.6707	1.8959	-0.4933	2.45E-3	3.76E-4	4.91E-4
	CC6	-0.6736	1.9582	-0.5065	2.53E-3	3.89E-4	5.17E-4
	CC7	-0.6414	1.1576	-0.3330	1.43E-3	2.19E-4	5.93E-4
	CC8	-0.6443	1.2199	-0.3462	1.51E-3	2.32E-4	6.19E-4
	CC9	0.1574	0.6550	-0.2352	9.63E-4	1.48E-4	-3.72E-4
	CC10	0.1487	0.8441	-0.2752	1.21E-3	1.85E-4	-2.93E-4

	CC11	-0.2392	1.5960	-0.4344	2.16E-3	3.32E-4	-4.05E-5
	CC12	-0.2480	1.7852	-0.4744	2.41E-3	3.69E-4	3.84E-5
	CC13	0.2552	-1.8060	0.2989	-2.45E-3	-3.76E-4	-3.25E-5
	CC14	0.2464	-1.6169	0.2589	-2.21E-3	-3.39E-4	4.64E-5
	CC15	-0.1415	-0.8650	0.0997	-1.25E-3	-1.92E-4	2.99E-4
	CC16	-0.1502	-0.6759	0.0597	-1.01E-3	-1.54E-4	3.77E-4
<b>733</b>	CC1	0.7213	-1.3800	0.1723	-1.55E-3	-2.37E-4	-6.82E-4
	CC2	0.7183	-1.3104	0.1590	-1.47E-3	-2.25E-4	-6.53E-4
	CC3	0.7526	-2.2105	0.3342	-2.57E-3	-3.95E-4	-5.70E-4
	CC4	0.7495	-2.1410	0.3209	-2.49E-3	-3.82E-4	-5.41E-4
	CC5	-0.7395	2.1166	-0.4966	2.45E-3	3.75E-4	5.52E-4
	CC6	-0.7425	2.1862	-0.5099	2.53E-3	3.88E-4	5.81E-4
	CC7	-0.7083	1.2860	-0.3347	1.42E-3	2.18E-4	6.64E-4
	CC8	-0.7113	1.3556	-0.3480	1.50E-3	2.31E-4	6.92E-4
	CC9	0.1767	0.7421	-0.2372	9.65E-4	1.48E-4	-4.10E-4
	CC10	0.1675	0.9531	-0.2775	1.21E-3	1.86E-4	-3.22E-4
	CC11	-0.2615	1.7910	-0.4378	2.16E-3	3.32E-4	-3.99E-5
	CC12	-0.2708	2.0021	-0.4782	2.41E-3	3.69E-4	4.77E-5
	CC13	0.2808	-2.0265	0.3025	-2.45E-3	-3.76E-4	-3.71E-5
	CC14	0.2715	-1.8154	0.2621	-2.21E-3	-3.39E-4	5.05E-5
	CC15	-0.1575	-0.9775	0.1018	-1.25E-3	-1.92E-4	3.33E-4
	CC16	-0.1667	-0.7664	0.0614	-1.01E-3	-1.55E-4	4.21E-4
<b>734</b>	CC1	0.8167	0.0071	0.0422	-2.37E-5	9.61E-29	-6.86E-4
	CC2	0.8053	0.0188	0.0410	-9.04E-6	9.61E-29	-6.58E-4
	CC3	0.8182	-1.0751	0.0221	-1.07E-3	6.05E-29	-5.44E-4
	CC4	0.8068	-1.0634	0.0209	-1.06E-3	6.05E-29	-5.15E-4
	CC5	-0.8030	1.0350	-0.2435	9.88E-4	-6.05E-29	5.25E-4
	CC6	-0.8144	1.0467	-0.2447	1.00E-3	-6.05E-29	5.53E-4
	CC7	-0.8015	-0.0473	-0.2636	-6.04E-5	-9.61E-29	6.67E-4
	CC8	-0.8129	-0.0356	-0.2648	-4.58E-5	-9.61E-29	6.96E-4
	CC9	0.2597	1.6176	-0.0332	1.54E-3	8.28E-29	-4.58E-4
	CC10	0.2251	1.6531	-0.0367	1.58E-3	8.28E-29	-3.71E-4
	CC11	-0.2262	1.9260	-0.1189	1.84E-3	3.59E-29	-9.45E-5
	CC12	-0.2608	1.9614	-0.1224	1.89E-3	3.59E-29	-7.45E-6
	CC13	0.2646	-1.9899	-0.1002	-1.96E-3	-3.59E-29	1.70E-5
	CC14	0.2300	-1.9544	-0.1037	-1.91E-3	-3.59E-29	1.04E-4
	CC15	-0.2213	-1.6815	-0.1859	-1.65E-3	-8.28E-29	3.80E-4
	CC16	-0.2559	-1.6460	-0.1894	-1.61E-3	-8.28E-29	4.67E-4
<b>735</b>	CC1	0.7243	0.0089	0.0282	-2.71E-5	2.74E-28	-6.15E-4
	CC2	0.7141	0.0191	0.0272	-8.10E-6	2.74E-28	-5.89E-4
	CC3	0.7258	-0.9659	0.0089	-1.41E-3	1.71E-28	-4.93E-4
	CC4	0.7156	-0.9557	0.0079	-1.40E-3	1.71E-28	-4.67E-4
	CC5	-0.7132	0.9321	-0.2300	1.35E-3	-1.71E-28	4.75E-4
	CC6	-0.7234	0.9423	-0.2309	1.37E-3	-1.71E-28	5.01E-4
	CC7	-0.7117	-0.0426	-0.2493	-3.35E-5	-2.74E-28	5.97E-4
	CC8	-0.7219	-0.0324	-0.2503	-1.45E-5	-2.74E-28	6.23E-4
	CC9	0.2299	1.4588	-0.0386	2.06E-3	2.37E-28	-4.03E-4
	CC10	0.1990	1.4898	-0.0416	2.11E-3	2.37E-28	-3.24E-4
	CC11	-0.2014	1.7358	-0.1161	2.47E-3	1.04E-28	-7.56E-5
	CC12	-0.2323	1.7668	-0.1191	2.53E-3	1.04E-28	3.00E-6
	CC13	0.2347	-1.7904	-0.1030	-2.57E-3	-1.04E-28	5.15E-6
	CC14	0.2038	-1.7593	-0.1060	-2.51E-3	-1.04E-28	8.38E-5
	CC15	-0.1966	-1.5134	-0.1804	-2.15E-3	-2.37E-28	3.32E-4
	CC16	-0.2275	-1.4823	-0.1834	-2.10E-3	-2.37E-28	4.11E-4
<b>736</b>	CC1	0.6309	0.0122	0.0331	-5.23E-6	1.83E-28	-5.58E-4
	CC2	0.6220	0.0207	0.0320	1.38E-5	1.83E-28	-5.34E-4
	CC3	0.6284	-0.8395	0.0141	-1.54E-3	1.15E-28	-4.62E-4
	CC4	0.6195	-0.8309	0.0131	-1.52E-3	1.15E-28	-4.38E-4
	CC5	-0.6191	0.8107	-0.2331	1.49E-3	-1.15E-28	4.46E-4
	CC6	-0.6280	0.8193	-0.2341	1.50E-3	-1.15E-28	4.70E-4
	CC7	-0.6216	-0.0409	-0.2520	-4.86E-5	-1.83E-28	5.42E-4
	CC8	-0.6306	-0.0323	-0.2530	-2.96E-5	-1.83E-28	5.66E-4
	CC9	0.2055	1.2765	-0.0370	2.29E-3	1.59E-28	-3.43E-4
	CC10	0.1784	1.3025	-0.0401	2.34E-3	1.59E-28	-2.71E-4
	CC11	-0.1695	1.5161	-0.1168	2.73E-3	6.98E-29	-4.17E-5
	CC12	-0.1966	1.5421	-0.1200	2.79E-3	6.98E-29	3.01E-5
	CC13	0.1970	-1.5623	-0.1000	-2.83E-3	-6.98E-29	-2.23E-5
	CC14	0.1699	-1.5362	-0.1032	-2.77E-3	-6.98E-29	4.94E-5
	CC15	-0.1780	-1.3227	-0.1798	-2.38E-3	-1.59E-28	2.79E-4
	CC16	-0.2051	-1.2967	-0.1830	-2.32E-3	-1.59E-28	3.51E-4
<b>737</b>	CC1	0.6358	0.0808	0.1274	1.56E-4	1.78E-28	-5.58E-4
	CC2	0.6269	0.0865	0.1251	1.68E-4	1.78E-28	-5.34E-4

	CC3	0.6335	-0.7868	0.1063	-1.47E-3	1.11E-28	-4.70E-4
	CC4	0.6245	-0.7811	0.1041	-1.46E-3	1.11E-28	-4.46E-4
	CC5	-0.6245	0.7600	-0.3166	1.42E-3	-1.11E-28	4.54E-4
	CC6	-0.6335	0.7657	-0.3189	1.43E-3	-1.11E-28	4.78E-4
	CC7	-0.6268	-0.1076	-0.3376	-2.07E-4	-1.78E-28	5.42E-4
	CC8	-0.6358	-0.1019	-0.3399	-1.95E-4	-1.78E-28	5.66E-4
	CC9	0.2066	1.3249	-0.0012	2.48E-3	1.54E-28	-3.30E-4
	CC10	0.1793	1.3422	-0.0081	2.52E-3	1.54E-28	-2.59E-4
	CC11	-0.1715	1.5287	-0.1343	2.86E-3	6.72E-29	-2.62E-5
	CC12	-0.1988	1.5460	-0.1413	2.90E-3	6.72E-29	4.47E-5
	CC13	0.1988	-1.5671	-0.0712	-2.94E-3	-6.72E-29	-3.67E-5
	CC14	0.1715	-1.5498	-0.0782	-2.90E-3	-6.72E-29	3.42E-5
	CC15	-0.1793	-1.3633	-0.2044	-2.56E-3	-1.54E-28	2.67E-4
	CC16	-0.2066	-1.3460	-0.2114	-2.52E-3	-1.54E-28	3.38E-4
<b>738</b>	CC1	0.7173	0.0885	0.1353	9.80E-5	2.94E-28	-6.33E-4
	CC2	0.7071	0.0954	0.1330	1.11E-4	2.94E-28	-6.06E-4
	CC3	0.7188	-0.9068	0.1135	-1.30E-3	1.84E-28	-5.53E-4
	CC4	0.7087	-0.8999	0.1111	-1.29E-3	1.84E-28	-5.26E-4
	CC5	-0.7078	0.8750	-0.3244	1.24E-3	-1.84E-28	5.36E-4
	CC6	-0.7179	0.8819	-0.3267	1.25E-3	-1.84E-28	5.63E-4
	CC7	-0.7062	-0.1203	-0.3462	-1.60E-4	-2.94E-28	6.16E-4
	CC8	-0.7163	-0.1134	-0.3486	-1.46E-4	-2.94E-28	6.42E-4
	CC9	0.2270	1.5180	0.0023	2.12E-3	2.55E-28	-3.44E-4
	CC10	0.1963	1.5388	-0.0049	2.16E-3	2.55E-28	-2.63E-4
	CC11	-0.2005	1.7539	-0.1356	2.46E-3	1.11E-28	7.00E-6
	CC12	-0.2312	1.7748	-0.1428	2.50E-3	1.11E-28	8.74E-5
	CC13	0.2321	-1.7997	-0.0704	-2.55E-3	-1.11E-28	-7.76E-5
	CC14	0.2014	-1.7788	-0.0776	-2.51E-3	-1.11E-28	2.83E-6
	CC15	-0.1954	-1.5637	-0.2083	-2.20E-3	-2.55E-28	2.73E-4
	CC16	-0.2261	-1.5429	-0.2155	-2.16E-3	-2.55E-28	3.53E-4
<b>739</b>	CC1	0.8009	0.0942	0.1274	3.75E-5	3.08E-28	-7.01E-4
	CC2	0.7897	0.1022	0.1251	4.90E-5	3.08E-28	-6.71E-4
	CC3	0.8021	-1.0059	0.1051	-9.36E-4	1.94E-28	-6.15E-4
	CC4	0.7909	-0.9979	0.1028	-9.24E-4	1.94E-28	-5.85E-4
	CC5	-0.7891	0.9677	-0.3174	8.54E-4	-1.94E-28	5.97E-4
	CC6	-0.8003	0.9757	-0.3197	8.65E-4	-1.94E-28	6.27E-4
	CC7	-0.7879	-0.1323	-0.3397	-1.20E-4	-3.08E-28	6.83E-4
	CC8	-0.7991	-0.1243	-0.3419	-1.08E-4	-3.08E-28	7.13E-4
	CC9	0.2544	1.6752	0.0000	1.45E-3	2.66E-28	-3.77E-4
	CC10	0.2204	1.6995	-0.0069	1.48E-3	2.66E-28	-2.87E-4
	CC11	-0.2226	1.9373	-0.1334	1.69E-3	1.15E-28	1.27E-5
	CC12	-0.2566	1.9616	-0.1403	1.73E-3	1.15E-28	1.03E-4
	CC13	0.2584	-1.9917	-0.0743	-1.80E-3	-1.15E-28	-9.09E-5
	CC14	0.2244	-1.9674	-0.0811	-1.76E-3	-1.15E-28	-8.20E-7
	CC15	-0.2186	-1.7296	-0.2077	-1.55E-3	-2.66E-28	2.98E-4
	CC16	-0.2526	-1.7054	-0.2146	-1.52E-3	-2.66E-28	3.89E-4
<b>740</b>	CC1	0.6401	0.1567	0.0316	2.71E-4	1.87E-28	-5.61E-4
	CC2	0.6311	0.1592	0.0306	2.79E-4	1.87E-28	-5.38E-4
	CC3	0.6377	-0.7233	0.0103	-1.37E-3	1.17E-28	-4.68E-4
	CC4	0.6286	-0.7207	0.0093	-1.36E-3	1.17E-28	-4.44E-4
	CC5	-0.6282	0.6986	-0.2218	1.32E-3	-1.17E-28	4.52E-4
	CC6	-0.6373	0.7011	-0.2228	1.33E-3	-1.17E-28	4.75E-4
	CC7	-0.6307	-0.1814	-0.2431	-3.19E-4	-1.87E-28	5.45E-4
	CC8	-0.6397	-0.1788	-0.2441	-3.11E-4	-1.87E-28	5.68E-4
	CC9	0.2083	1.3704	-0.0312	2.54E-3	1.62E-28	-3.39E-4
	CC10	0.1808	1.3780	-0.0342	2.57E-3	1.62E-28	-2.68E-4
	CC11	-0.1722	1.5330	-0.1072	2.86E-3	7.06E-29	-3.55E-5
	CC12	-0.1997	1.5406	-0.1102	2.88E-3	7.06E-29	3.57E-5
	CC13	0.2001	-1.5628	-0.1023	-2.92E-3	-7.06E-29	-2.84E-5
	CC14	0.1726	-1.5551	-0.1053	-2.90E-3	-7.06E-29	4.28E-5
	CC15	-0.1804	-1.4002	-0.1783	-2.61E-3	-1.62E-28	2.75E-4
	CC16	-0.2079	-1.3926	-0.1813	-2.58E-3	-1.62E-28	3.47E-4
<b>741</b>	CC1	0.6364	0.1187	0.0753	2.04E-4	2.21E-28	-5.62E-4
	CC2	0.6274	0.1228	0.0737	2.15E-4	2.21E-28	-5.38E-4
	CC3	0.6340	-0.7550	0.0543	-1.42E-3	1.39E-28	-4.70E-4
	CC4	0.6250	-0.7509	0.0527	-1.41E-3	1.39E-28	-4.47E-4
	CC5	-0.6248	0.7292	-0.2653	1.37E-3	-1.39E-28	4.55E-4
	CC6	-0.6338	0.7333	-0.2669	1.38E-3	-1.39E-28	4.78E-4
	CC7	-0.6272	-0.1445	-0.2863	-2.55E-4	-2.21E-28	5.46E-4
	CC8	-0.6362	-0.1404	-0.2879	-2.44E-4	-2.21E-28	5.70E-4
	CC9	0.2070	1.3475	-0.0177	2.50E-3	1.91E-28	-3.37E-4
	CC10	0.1797	1.3600	-0.0225	2.53E-3	1.91E-28	-2.66E-4

	CC11	-0.1714	1.5307	-0.1199	2.85E-3	8.28E-29	-3.21E-5
	CC12	-0.1987	1.5431	-0.1247	2.88E-3	8.28E-29	3.93E-5
	CC13	0.1989	-1.5648	-0.0879	-2.92E-3	-8.28E-29	-3.14E-5
	CC14	0.1716	-1.5523	-0.0928	-2.89E-3	-8.28E-29	4.00E-5
	CC15	-0.1795	-1.3816	-0.1901	-2.57E-3	-1.91E-28	2.74E-4
	CC16	-0.2068	-1.3692	-0.1949	-2.54E-3	-1.91E-28	3.45E-4
<b>742</b>	CC1	0.7970	0.1901	0.0325	1.27E-4	1.25E-28	-7.14E-4
	CC2	0.7859	0.1941	0.0315	1.34E-4	1.25E-28	-6.85E-4
	CC3	0.7984	-0.9271	0.0095	-8.79E-4	7.85E-29	-5.64E-4
	CC4	0.7872	-0.9231	0.0085	-8.72E-4	7.85E-29	-5.35E-4
	CC5	-0.7854	0.8917	-0.2230	8.00E-4	-7.85E-29	5.42E-4
	CC6	-0.7965	0.8957	-0.2240	8.07E-4	-7.85E-29	5.71E-4
	CC7	-0.7840	-0.2254	-0.2461	-2.06E-4	-1.25E-28	6.91E-4
	CC8	-0.7952	-0.2214	-0.2470	-1.99E-4	-1.25E-28	7.21E-4
	CC9	0.2530	1.7349	-0.0291	1.53E-3	1.08E-28	-4.79E-4
	CC10	0.2191	1.7471	-0.0320	1.55E-3	1.08E-28	-3.90E-4
	CC11	-0.2217	1.9454	-0.1057	1.73E-3	4.68E-29	-1.03E-4
	CC12	-0.2556	1.9576	-0.1087	1.75E-3	4.68E-29	-1.36E-5
	CC13	0.2575	-1.9890	-0.1058	-1.82E-3	-4.68E-29	2.00E-5
	CC14	0.2236	-1.9768	-0.1088	-1.80E-3	-4.68E-29	1.09E-4
	CC15	-0.2172	-1.7785	-0.1825	-1.62E-3	-1.08E-28	3.97E-4
	CC16	-0.2511	-1.7663	-0.1854	-1.60E-3	-1.08E-28	4.86E-4
<b>743</b>	CC1	0.7172	0.1750	0.0306	2.09E-4	9.95E-29	-6.42E-4
	CC2	0.7070	0.1783	0.0296	2.19E-4	9.95E-29	-6.15E-4
	CC3	0.7189	-0.8344	0.0085	-1.22E-3	6.25E-29	-5.29E-4
	CC4	0.7088	-0.8311	0.0075	-1.21E-3	6.25E-29	-5.02E-4
	CC5	-0.7077	0.8050	-0.2212	1.17E-3	-6.25E-29	5.09E-4
	CC6	-0.7178	0.8083	-0.2221	1.18E-3	-6.25E-29	5.36E-4
	CC7	-0.7059	-0.2043	-0.2433	-2.67E-4	-9.95E-29	6.22E-4
	CC8	-0.7160	-0.2010	-0.2443	-2.58E-4	-9.95E-29	6.49E-4
	CC9	0.2267	1.5698	-0.0307	2.21E-3	8.60E-29	-3.98E-4
	CC10	0.1960	1.5797	-0.0336	2.23E-3	8.60E-29	-3.18E-4
	CC11	-0.2008	1.7588	-0.1062	2.49E-3	3.73E-29	-5.28E-5
	CC12	-0.2314	1.7687	-0.1091	2.52E-3	3.73E-29	2.76E-5
	CC13	0.2326	-1.7948	-0.1045	-2.57E-3	-3.73E-29	-2.07E-5
	CC14	0.2019	-1.7848	-0.1074	-2.54E-3	-3.73E-29	5.98E-5
	CC15	-0.1949	-1.6058	-0.1801	-2.28E-3	-8.60E-29	3.25E-4
	CC16	-0.2256	-1.5958	-0.1830	-2.26E-3	-8.60E-29	4.05E-4
<b>744</b>	CC1	0.7172	0.1315	0.0779	1.48E-4	2.81E-28	-6.40E-4
	CC2	0.7071	0.1366	0.0763	1.59E-4	2.81E-28	-6.13E-4
	CC3	0.7189	-0.8702	0.0560	-1.26E-3	1.77E-28	-5.30E-4
	CC4	0.7087	-0.8651	0.0544	-1.25E-3	1.77E-28	-5.03E-4
	CC5	-0.7077	0.8396	-0.2681	1.20E-3	-1.77E-28	5.11E-4
	CC6	-0.7178	0.8446	-0.2697	1.21E-3	-1.77E-28	5.38E-4
	CC7	-0.7061	-0.1622	-0.2900	-2.08E-4	-2.81E-28	6.22E-4
	CC8	-0.7162	-0.1571	-0.2916	-1.97E-4	-2.81E-28	6.48E-4
	CC9	0.2269	1.5429	-0.0160	2.14E-3	2.42E-28	-3.93E-4
	CC10	0.1962	1.5583	-0.0209	2.18E-3	2.42E-28	-3.12E-4
	CC11	-0.2006	1.7553	-0.1198	2.46E-3	1.05E-28	-4.75E-5
	CC12	-0.2313	1.7707	-0.1247	2.49E-3	1.05E-28	3.28E-5
	CC13	0.2323	-1.7962	-0.0889	-2.54E-3	-1.05E-28	-2.47E-5
	CC14	0.2016	-1.7808	-0.0938	-2.51E-3	-1.05E-28	5.57E-5
	CC15	-0.1952	-1.5838	-0.1927	-2.23E-3	-2.42E-28	3.21E-4
	CC16	-0.2258	-1.5684	-0.1976	-2.19E-3	-2.42E-28	4.01E-4
<b>745</b>	CC1	0.8005	0.1419	0.0759	7.79E-5	4.07E-29	-7.08E-4
	CC2	0.7893	0.1479	0.0744	8.74E-5	4.07E-29	-6.79E-4
	CC3	0.8018	-0.9656	0.0534	-9.09E-4	2.55E-29	-5.78E-4
	CC4	0.7906	-0.9596	0.0518	-9.00E-4	2.55E-29	-5.48E-4
	CC5	-0.7887	0.9288	-0.2665	8.28E-4	-2.55E-29	5.57E-4
	CC6	-0.7999	0.9348	-0.2680	8.37E-4	-2.55E-29	5.86E-4
	CC7	-0.7874	-0.1787	-0.2890	-1.59E-4	-4.07E-29	6.87E-4
	CC8	-0.7986	-0.1727	-0.2906	-1.50E-4	-4.07E-29	7.16E-4
	CC9	0.2542	1.7032	-0.0160	1.48E-3	3.52E-29	-4.47E-4
	CC10	0.2203	1.7214	-0.0208	1.51E-3	3.52E-29	-3.58E-4
	CC11	-0.2225	1.9393	-0.1188	1.71E-3	1.54E-29	-6.73E-5
	CC12	-0.2565	1.9575	-0.1235	1.74E-3	1.54E-29	2.18E-5
	CC13	0.2584	-1.9883	-0.0912	-1.81E-3	-1.54E-29	-1.33E-5
	CC14	0.2244	-1.9701	-0.0959	-1.78E-3	-1.54E-29	7.58E-5
	CC15	-0.2183	-1.7523	-0.1939	-1.58E-3	-3.52E-29	3.66E-4
	CC16	-0.2523	-1.7340	-0.1986	-1.55E-3	-3.52E-29	4.55E-4
<b>746</b>	CC1	0.7969	0.4330	-0.2145	3.37E-4	2.22E-6	-7.31E-4
	CC2	0.7857	0.4267	-0.2123	3.36E-4	2.21E-6	-7.00E-4

	CC3	0.7988	-0.7149	-0.2347	-7.28E-4	-4.81E-6	-6.30E-4
	CC4	0.7877	-0.7212	-0.2326	-7.30E-4	-4.81E-6	-5.99E-4
	CC5	-0.7860	0.6875	0.0142	6.62E-4	4.37E-6	6.01E-4
	CC6	-0.7971	0.6812	0.0163	6.60E-4	4.36E-6	6.32E-4
	CC7	-0.7841	-0.4604	-0.0061	-4.03E-4	-2.66E-6	7.03E-4
	CC8	-0.7952	-0.4667	-0.0039	-4.05E-4	-2.67E-6	7.33E-4
	CC9	0.2519	1.8677	-0.1131	1.69E-3	1.12E-5	-4.14E-4
	CC10	0.2182	1.8486	-0.1065	1.69E-3	1.12E-5	-3.20E-4
	CC11	-0.2229	1.9441	-0.0445	1.79E-3	1.18E-5	-1.42E-5
	CC12	-0.2566	1.9249	-0.0379	1.79E-3	1.18E-5	7.93E-5
	CC13	0.2583	-1.9586	-0.1805	-1.86E-3	-1.22E-5	-7.67E-5
	CC14	0.2246	-1.9777	-0.1739	-1.86E-3	-1.23E-5	1.68E-5
	CC15	-0.2165	-1.8823	-0.1119	-1.76E-3	-1.16E-5	3.23E-4
	CC16	-0.2502	-1.9014	-0.1053	-1.76E-3	-1.16E-5	4.16E-4
<b>747</b>	CC1	0.7181	0.3954	-0.2111	5.04E-4	3.33E-6	-6.54E-4
	CC2	0.7080	0.3893	-0.2089	5.01E-4	3.30E-6	-6.26E-4
	CC3	0.7204	-0.6428	-0.2309	-9.38E-4	-6.19E-6	-5.81E-4
	CC4	0.7103	-0.6488	-0.2287	-9.42E-4	-6.22E-6	-5.53E-4
	CC5	-0.7093	0.6206	0.0112	8.86E-4	5.85E-6	5.56E-4
	CC6	-0.7193	0.6145	0.0133	8.82E-4	5.82E-6	5.84E-4
	CC7	-0.7070	-0.4176	-0.0087	-5.56E-4	-3.67E-6	6.30E-4
	CC8	-0.7171	-0.4236	-0.0065	-5.60E-4	-3.70E-6	6.57E-4
	CC9	0.2261	1.6916	-0.1123	2.32E-3	1.53E-5	-3.44E-4
	CC10	0.1956	1.6731	-0.1058	2.31E-3	1.53E-5	-2.60E-4
	CC11	-0.2021	1.7591	-0.0457	2.44E-3	1.61E-5	1.88E-5
	CC12	-0.2327	1.7407	-0.0392	2.43E-3	1.60E-5	1.03E-4
	CC13	0.2337	-1.7689	-0.1784	-2.48E-3	-1.64E-5	-9.98E-5
	CC14	0.2031	-1.7874	-0.1719	-2.49E-3	-1.65E-5	-1.54E-5
	CC15	-0.1945	-1.7014	-0.1117	-2.37E-3	-1.56E-5	2.63E-4
	CC16	-0.2251	-1.7198	-0.1052	-2.38E-3	-1.57E-5	3.48E-4
<b>748</b>	CC1	0.6418	0.3490	-0.2085	6.03E-4	3.98E-6	-5.67E-4
	CC2	0.6328	0.3434	-0.2064	5.97E-4	3.94E-6	-5.42E-4
	CC3	0.6391	-0.5596	-0.2278	-1.04E-3	-6.83E-6	-4.94E-4
	CC4	0.6301	-0.5652	-0.2257	-1.04E-3	-6.88E-6	-4.70E-4
	CC5	-0.6292	0.5417	0.0097	9.89E-4	6.53E-6	4.72E-4
	CC6	-0.6383	0.5361	0.0118	9.83E-4	6.49E-6	4.96E-4
	CC7	-0.6320	-0.3669	-0.0096	-6.50E-4	-4.29E-6	5.44E-4
	CC8	-0.6410	-0.3725	-0.0075	-6.56E-4	-4.33E-6	5.68E-4
	CC9	0.2093	1.4822	-0.1118	2.66E-3	1.75E-5	-3.12E-4
	CC10	0.1819	1.4652	-0.1053	2.64E-3	1.74E-5	-2.39E-4
	CC11	-0.1720	1.5400	-0.0463	2.77E-3	1.83E-5	-4.70E-8
	CC12	-0.1994	1.5230	-0.0399	2.75E-3	1.82E-5	7.29E-5
	CC13	0.2003	-1.5464	-0.1761	-2.81E-3	-1.85E-5	-7.11E-5
	CC14	0.1729	-1.5635	-0.1697	-2.82E-3	-1.86E-5	1.84E-6
	CC15	-0.1811	-1.4886	-0.1107	-2.69E-3	-1.78E-5	2.40E-4
	CC16	-0.2085	-1.5057	-0.1043	-2.71E-3	-1.79E-5	3.13E-4
<b>749</b>	CC1	0.6422	0.2974	-0.1474	5.08E-4	3.35E-6	-5.72E-4
	CC2	0.6331	0.2940	-0.1461	5.06E-4	3.34E-6	-5.48E-4
	CC3	0.6395	-0.6044	-0.1674	-1.14E-3	-7.50E-6	-4.95E-4
	CC4	0.6304	-0.6078	-0.1661	-1.14E-3	-7.51E-6	-4.71E-4
	CC5	-0.6299	0.5846	-0.0484	1.09E-3	7.19E-6	4.73E-4
	CC6	-0.6389	0.5812	-0.0471	1.09E-3	7.18E-6	4.98E-4
	CC7	-0.6325	-0.3173	-0.0684	-5.55E-4	-3.66E-6	5.51E-4
	CC8	-0.6416	-0.3207	-0.0671	-5.57E-4	-3.67E-6	5.75E-4
	CC9	0.2093	1.4536	-0.0907	2.63E-3	1.74E-5	-3.21E-4
	CC10	0.1818	1.4432	-0.0868	2.63E-3	1.73E-5	-2.47E-4
	CC11	-0.1723	1.5397	-0.0610	2.81E-3	1.85E-5	-7.48E-6
	CC12	-0.1998	1.5293	-0.0571	2.80E-3	1.85E-5	6.61E-5
	CC13	0.2004	-1.5526	-0.1575	-2.85E-3	-1.88E-5	-6.35E-5
	CC14	0.1729	-1.5630	-0.1535	-2.85E-3	-1.88E-5	1.01E-5
	CC15	-0.1812	-1.4664	-0.1278	-2.67E-3	-1.77E-5	2.50E-4
	CC16	-0.2087	-1.4768	-0.1238	-2.68E-3	-1.77E-5	3.24E-4
<b>750</b>	CC1	0.6421	0.2456	-0.0704	4.14E-4	2.73E-6	-5.72E-4
	CC2	0.6331	0.2444	-0.0699	4.16E-4	2.75E-6	-5.47E-4
	CC3	0.6395	-0.6487	-0.0912	-1.24E-3	-8.18E-6	-4.83E-4
	CC4	0.6305	-0.6499	-0.0907	-1.24E-3	-8.17E-6	-4.59E-4
	CC5	-0.6299	0.6269	-0.1227	1.19E-3	7.88E-6	4.63E-4
	CC6	-0.6389	0.6257	-0.1222	1.20E-3	7.89E-6	4.87E-4
	CC7	-0.6325	-0.2674	-0.1435	-4.60E-4	-3.04E-6	5.51E-4
	CC8	-0.6415	-0.2686	-0.1430	-4.58E-4	-3.02E-6	5.75E-4
	CC9	0.2092	1.4237	-0.0649	2.61E-3	1.73E-5	-3.37E-4
	CC10	0.1817	1.4200	-0.0635	2.62E-3	1.73E-5	-2.64E-4

	CC11	-0.1724	1.5381	-0.0806	2.85E-3	1.88E-5	-2.65E-5
	CC12	-0.1999	1.5343	-0.0792	2.86E-3	1.88E-5	4.67E-5
	CC13	0.2005	-1.5573	-0.1343	-2.90E-3	-1.91E-5	-4.33E-5
	CC14	0.1730	-1.5611	-0.1328	-2.89E-3	-1.91E-5	2.99E-5
	CC15	-0.1811	-1.4429	-0.1499	-2.67E-3	-1.76E-5	2.67E-4
	CC16	-0.2086	-1.4467	-0.1485	-2.66E-3	-1.75E-5	3.40E-4
<b>751</b>	CC1	0.7942	0.3671	-0.1516	2.82E-4	1.86E-6	-7.22E-4
	CC2	0.7832	0.3636	-0.1503	2.83E-4	1.87E-6	-6.92E-4
	CC3	0.7961	-0.7725	-0.1727	-7.48E-4	-4.94E-6	-6.38E-4
	CC4	0.7850	-0.7761	-0.1713	-7.47E-4	-4.93E-6	-6.07E-4
	CC5	-0.7829	0.7427	-0.0451	6.77E-4	4.47E-6	6.12E-4
	CC6	-0.7940	0.7392	-0.0437	6.77E-4	4.47E-6	6.43E-4
	CC7	-0.7810	-0.3969	-0.0661	-3.54E-4	-2.33E-6	6.97E-4
	CC8	-0.7921	-0.4004	-0.0648	-3.53E-4	-2.33E-6	7.27E-4
	CC9	0.2513	1.8317	-0.0911	1.62E-3	1.07E-5	-3.85E-4
	CC10	0.2176	1.8210	-0.0870	1.62E-3	1.07E-5	-2.92E-4
	CC11	-0.2219	1.9444	-0.0592	1.74E-3	1.15E-5	1.50E-5
	CC12	-0.2555	1.9337	-0.0551	1.74E-3	1.15E-5	1.08E-4
	CC13	0.2576	-1.9671	-0.1613	-1.81E-3	-1.20E-5	-1.03E-4
	CC14	0.2240	-1.9777	-0.1573	-1.81E-3	-1.20E-5	-9.98E-6
	CC15	-0.2155	-1.8544	-0.1294	-1.69E-3	-1.12E-5	2.97E-4
	CC16	-0.2492	-1.8650	-0.1253	-1.69E-3	-1.12E-5	3.90E-4
<b>752</b>	CC1	0.7169	0.3357	-0.1493	4.17E-4	2.75E-6	-6.60E-4
	CC2	0.7068	0.3322	-0.1480	4.17E-4	2.75E-6	-6.32E-4
	CC3	0.7191	-0.6959	-0.1699	-1.01E-3	-6.68E-6	-5.88E-4
	CC4	0.7090	-0.6994	-0.1685	-1.01E-3	-6.68E-6	-5.60E-4
	CC5	-0.7079	0.6716	-0.0472	9.58E-4	6.32E-6	5.66E-4
	CC6	-0.7179	0.6681	-0.0458	9.58E-4	6.32E-6	5.94E-4
	CC7	-0.7056	-0.3600	-0.0678	-4.72E-4	-3.12E-6	6.38E-4
	CC8	-0.7157	-0.3635	-0.0664	-4.72E-4	-3.12E-6	6.66E-4
	CC9	0.2258	1.6604	-0.0909	2.27E-3	1.50E-5	-3.44E-4
	CC10	0.1953	1.6497	-0.0869	2.27E-3	1.50E-5	-2.58E-4
	CC11	-0.2016	1.7611	-0.0602	2.44E-3	1.61E-5	2.40E-5
	CC12	-0.2322	1.7504	-0.0562	2.44E-3	1.61E-5	1.09E-4
	CC13	0.2333	-1.7782	-0.1595	-2.49E-3	-1.64E-5	-1.04E-4
	CC14	0.2028	-1.7890	-0.1555	-2.49E-3	-1.64E-5	-1.80E-5
	CC15	-0.1941	-1.6775	-0.1289	-2.33E-3	-1.54E-5	2.64E-4
	CC16	-0.2247	-1.6882	-0.1249	-2.33E-3	-1.54E-5	3.50E-4
<b>753</b>	CC1	0.7165	0.2762	-0.0703	3.40E-4	2.24E-6	-6.52E-4
	CC2	0.7064	0.2752	-0.0698	3.43E-4	2.26E-6	-6.25E-4
	CC3	0.7187	-0.7486	-0.0918	-1.11E-3	-7.30E-6	-5.71E-4
	CC4	0.7086	-0.7496	-0.0913	-1.10E-3	-7.27E-6	-5.43E-4
	CC5	-0.7074	0.7224	-0.1231	1.05E-3	6.93E-6	5.51E-4
	CC6	-0.7174	0.7214	-0.1227	1.05E-3	6.96E-6	5.79E-4
	CC7	-0.7052	-0.3023	-0.1447	-3.95E-4	-2.60E-6	6.32E-4
	CC8	-0.7153	-0.3033	-0.1442	-3.91E-4	-2.58E-6	6.60E-4
	CC9	0.2259	1.6289	-0.0642	2.27E-3	1.50E-5	-3.55E-4
	CC10	0.1953	1.6259	-0.0627	2.28E-3	1.51E-5	-2.70E-4
	CC11	-0.2013	1.7628	-0.0801	2.48E-3	1.64E-5	6.00E-6
	CC12	-0.2319	1.7598	-0.0786	2.49E-3	1.65E-5	9.06E-5
	CC13	0.2331	-1.7870	-0.1359	-2.55E-3	-1.68E-5	-8.29E-5
	CC14	0.2025	-1.7899	-0.1344	-2.54E-3	-1.67E-5	1.79E-6
	CC15	-0.1940	-1.6531	-0.1518	-2.33E-3	-1.54E-5	2.78E-4
	CC16	-0.2247	-1.6560	-0.1503	-2.32E-3	-1.53E-5	3.63E-4
<b>754</b>	CC1	0.7939	0.3019	-0.0701	2.33E-4	1.54E-6	-7.16E-4
	CC2	0.7828	0.3012	-0.0696	2.36E-4	1.56E-6	-6.85E-4
	CC3	0.7957	-0.8314	-0.0923	-7.86E-4	-5.19E-6	-6.51E-4
	CC4	0.7846	-0.8321	-0.0918	-7.83E-4	-5.17E-6	-6.20E-4
	CC5	-0.7825	0.7994	-0.1235	7.10E-4	4.69E-6	6.30E-4
	CC6	-0.7936	0.7987	-0.1230	7.13E-4	4.70E-6	6.61E-4
	CC7	-0.7807	-0.3339	-0.1458	-3.09E-4	-2.04E-6	6.94E-4
	CC8	-0.7918	-0.3346	-0.1453	-3.07E-4	-2.02E-6	7.25E-4
	CC9	0.2513	1.7990	-0.0633	1.59E-3	1.05E-5	-3.51E-4
	CC10	0.2176	1.7968	-0.0618	1.59E-3	1.05E-5	-2.57E-4
	CC11	-0.2216	1.9482	-0.0794	1.73E-3	1.14E-5	5.26E-5
	CC12	-0.2553	1.9460	-0.0778	1.74E-3	1.15E-5	1.46E-4
	CC13	0.2574	-1.9787	-0.1375	-1.81E-3	-1.20E-5	-1.37E-4
	CC14	0.2237	-1.9808	-0.1359	-1.80E-3	-1.19E-5	-4.28E-5
	CC15	-0.2155	-1.8294	-0.1535	-1.67E-3	-1.10E-5	2.67E-4
	CC16	-0.2492	-1.8316	-0.1520	-1.66E-3	-1.10E-5	3.61E-4
<b>755</b>	CC1	0.6549	0.2131	0.0165	7.88E-5	-8.46E-4	-6.74E-4
	CC2	0.6591	0.2156	0.0180	7.95E-5	-8.54E-4	-6.45E-4

	CC3	0.7191	-0.8636	0.1312	6.62E-5	-7.12E-4	-5.27E-4
	CC4	0.7233	-0.8611	0.1327	6.70E-5	-7.19E-4	-4.98E-4
	CC5	-0.7152	0.8274	-0.3162	-6.49E-5	6.97E-4	5.20E-4
	CC6	-0.7110	0.8298	-0.3146	-6.42E-5	6.90E-4	5.49E-4
	CC7	-0.6510	-0.2493	-0.2014	-7.74E-5	8.32E-4	6.67E-4
	CC8	-0.6468	-0.2468	-0.1999	-7.67E-5	8.24E-4	6.95E-4
	CC9	0.0963	1.6817	-0.2354	4.23E-5	-4.55E-4	-4.56E-4
	CC10	0.1089	1.6892	-0.2307	4.45E-5	-4.79E-4	-3.69E-4
	CC11	-0.3147	1.8660	-0.3352	-7.54E-7	8.10E-6	-9.79E-5
	CC12	-0.3022	1.8735	-0.3304	1.44E-6	-1.55E-5	-1.11E-5
	CC13	0.3103	-1.9072	0.1470	6.05E-7	-6.50E-6	3.29E-5
	CC14	0.3228	-1.8997	0.1517	2.80E-6	-3.01E-5	1.20E-4
	CC15	-0.1008	-1.7229	0.0472	-4.25E-5	4.57E-4	3.91E-4
	CC16	-0.0882	-1.7154	0.0520	-4.03E-5	4.33E-4	4.78E-4
<b>756</b>	CC1	0.5873	0.1939	0.0163	7.62E-5	-8.19E-4	-6.08E-4
	CC2	0.5908	0.1959	0.0179	7.68E-5	-8.26E-4	-5.83E-4
	CC3	0.6501	-0.7720	0.1309	6.93E-5	-7.45E-4	-4.40E-4
	CC4	0.6537	-0.7700	0.1325	6.99E-5	-7.52E-4	-4.14E-4
	CC5	-0.6478	0.7415	-0.3157	-6.83E-5	7.33E-4	4.32E-4
	CC6	-0.6443	0.7434	-0.3141	-6.76E-5	7.27E-4	4.57E-4
	CC7	-0.5850	-0.2244	-0.2011	-7.52E-5	8.07E-4	6.00E-4
	CC8	-0.5814	-0.2225	-0.1995	-7.45E-5	8.01E-4	6.25E-4
	CC9	0.0780	1.5105	-0.2353	3.31E-5	-3.55E-4	-4.66E-4
	CC10	0.0888	1.5164	-0.2305	3.50E-5	-3.76E-4	-3.90E-4
	CC11	-0.2925	1.6747	-0.3349	-1.03E-5	1.10E-4	-1.55E-4
	CC12	-0.2817	1.6807	-0.3301	-8.37E-6	8.99E-5	-7.76E-5
	CC13	0.2876	-1.7092	0.1469	1.01E-5	-1.08E-4	9.48E-5
	CC14	0.2983	-1.7033	0.1517	1.20E-5	-1.29E-4	1.72E-4
	CC15	-0.0830	-1.5450	0.0473	-3.33E-5	3.58E-4	4.07E-4
	CC16	-0.0722	-1.5390	0.0521	-3.14E-5	3.37E-4	4.84E-4
<b>757</b>	CC1	0.5256	0.1748	0.0164	6.81E-5	-7.31E-4	-5.42E-4
	CC2	0.5287	0.1763	0.0181	6.85E-5	-7.36E-4	-5.20E-4
	CC3	0.5804	-0.6823	0.1299	6.99E-5	-7.51E-4	-3.90E-4
	CC4	0.5835	-0.6808	0.1316	7.04E-5	-7.56E-4	-3.68E-4
	CC5	-0.5795	0.6573	-0.3144	-6.92E-5	7.43E-4	3.81E-4
	CC6	-0.5764	0.6587	-0.3127	-6.87E-5	7.38E-4	4.03E-4
	CC7	-0.5247	-0.1999	-0.2009	-6.73E-5	7.23E-4	5.33E-4
	CC8	-0.5217	-0.1984	-0.1993	-6.68E-5	7.18E-4	5.55E-4
	CC9	0.0718	1.3422	-0.2334	1.74E-5	-1.87E-4	-4.19E-4
	CC10	0.0812	1.3466	-0.2284	1.88E-5	-2.02E-4	-3.52E-4
	CC11	-0.2597	1.4869	-0.3326	-2.38E-5	2.55E-4	-1.43E-4
	CC12	-0.2504	1.4913	-0.3277	-2.24E-5	2.40E-4	-7.46E-5
	CC13	0.2543	-1.5149	0.1449	2.36E-5	-2.54E-4	8.76E-5
	CC14	0.2637	-1.5105	0.1498	2.50E-5	-2.69E-4	1.55E-4
	CC15	-0.0772	-1.3702	0.0456	-1.76E-5	1.89E-4	3.64E-4
	CC16	-0.0679	-1.3658	0.0506	-1.61E-5	1.73E-4	4.32E-4
<b>758</b>	CC1	0.5456	0.1788	0.0360	7.86E-5	-8.44E-4	-5.46E-4
	CC2	0.5468	0.1801	0.0377	7.88E-5	-8.47E-4	-5.24E-4
	CC3	0.5902	-0.6796	0.0589	7.48E-5	-8.04E-4	-4.41E-4
	CC4	0.5914	-0.6783	0.0606	7.51E-5	-8.07E-4	-4.18E-4
	CC5	-0.5885	0.6546	-0.2479	-7.42E-5	7.98E-4	4.32E-4
	CC6	-0.5873	0.6559	-0.2461	-7.40E-5	7.95E-4	4.54E-4
	CC7	-0.5439	-0.2038	-0.2249	-7.80E-5	8.38E-4	5.37E-4
	CC8	-0.5427	-0.2025	-0.2232	-7.77E-5	8.35E-4	5.60E-4
	CC9	0.0954	1.3454	-0.0918	2.92E-5	-3.14E-4	-3.51E-4
	CC10	0.0992	1.3493	-0.0866	3.00E-5	-3.22E-4	-2.82E-4
	CC11	-0.2449	1.4882	-0.1770	-1.66E-5	1.79E-4	-5.74E-5
	CC12	-0.2411	1.4921	-0.1718	-1.58E-5	1.70E-4	1.19E-5
	CC13	0.2440	-1.5158	-0.0155	1.67E-5	-1.79E-4	1.83E-6
	CC14	0.2478	-1.5119	-0.0102	1.75E-5	-1.88E-4	7.11E-5
	CC15	-0.0963	-1.3731	-0.1006	-2.91E-5	3.13E-4	2.95E-4
	CC16	-0.0925	-1.3692	-0.0954	-2.83E-5	3.05E-4	3.65E-4
<b>759</b>	CC1	0.5602	0.1830	0.0596	8.26E-5	-8.87E-4	-5.52E-4
	CC2	0.5596	0.1841	0.0614	8.26E-5	-8.88E-4	-5.29E-4
	CC3	0.5971	-0.6770	-0.0099	7.67E-5	-8.24E-4	-4.61E-4
	CC4	0.5965	-0.6759	-0.0081	7.68E-5	-8.25E-4	-4.38E-4
	CC5	-0.5946	0.6519	-0.1838	-7.64E-5	8.20E-4	4.52E-4
	CC6	-0.5952	0.6531	-0.1819	-7.63E-5	8.20E-4	4.75E-4
	CC7	-0.5578	-0.2081	-0.2532	-8.22E-5	8.83E-4	5.42E-4
	CC8	-0.5584	-0.2070	-0.2514	-8.21E-5	8.82E-4	5.65E-4
	CC9	0.1136	1.3494	0.0536	3.37E-5	-3.62E-4	-3.29E-4
	CC10	0.1118	1.3527	0.0592	3.39E-5	-3.64E-4	-2.60E-4

	CC11	-0.2328	1.4901	-0.0194	-1.40E-5	1.50E-4	-2.84E-5
	CC12	-0.2346	1.4934	-0.0138	-1.38E-5	1.48E-4	4.14E-5
	CC13	0.2365	-1.5174	-0.1780	1.42E-5	-1.53E-4	-2.82E-5
	CC14	0.2347	-1.5140	-0.1724	1.44E-5	-1.55E-4	4.15E-5
	CC15	-0.1100	-1.3767	-0.2510	-3.34E-5	3.59E-4	2.73E-4
	CC16	-0.1118	-1.3734	-0.2454	-3.33E-5	3.57E-4	3.43E-4
<b>760</b>	CC1	0.6789	0.2183	0.0380	7.37E-5	-7.92E-4	-6.82E-4
	CC2	0.6807	0.2206	0.0398	7.42E-5	-7.97E-4	-6.54E-4
	CC3	0.7319	-0.8608	0.0599	6.34E-5	-6.81E-4	-5.47E-4
	CC4	0.7337	-0.8585	0.0616	6.38E-5	-6.86E-4	-5.18E-4
	CC5	-0.7274	0.8246	-0.2498	-6.21E-5	6.67E-4	5.40E-4
	CC6	-0.7255	0.8268	-0.2480	-6.17E-5	6.62E-4	5.68E-4
	CC7	-0.6744	-0.2545	-0.2279	-7.24E-5	7.78E-4	6.75E-4
	CC8	-0.6725	-0.2522	-0.2262	-7.20E-5	7.73E-4	7.04E-4
	CC9	0.1230	1.6871	-0.0899	3.78E-5	-4.06E-4	-4.42E-4
	CC10	0.1286	1.6940	-0.0847	3.91E-5	-4.20E-4	-3.55E-4
	CC11	-0.2989	1.8690	-0.1763	-2.94E-6	3.16E-5	-7.50E-5
	CC12	-0.2933	1.8759	-0.1710	-1.63E-6	1.76E-5	1.15E-5
	CC13	0.2996	-1.9098	-0.0172	3.37E-6	-3.63E-5	9.97E-6
	CC14	0.3052	-1.9029	-0.0119	4.69E-6	-5.04E-5	9.65E-5
	CC15	-0.1223	-1.7280	-0.1035	-3.74E-5	4.02E-4	3.77E-4
	CC16	-0.1167	-1.7210	-0.0983	-3.61E-5	3.87E-4	4.63E-4
<b>761</b>	CC1	0.6131	0.1986	0.0371	7.78E-5	-8.36E-4	-6.15E-4
	CC2	0.6146	0.2004	0.0388	7.81E-5	-8.39E-4	-5.90E-4
	CC3	0.6635	-0.7697	0.0598	7.09E-5	-7.62E-4	-4.77E-4
	CC4	0.6650	-0.7679	0.0615	7.13E-5	-7.66E-4	-4.51E-4
	CC5	-0.6606	0.7392	-0.2494	-7.00E-5	7.52E-4	4.70E-4
	CC6	-0.6591	0.7409	-0.2477	-6.96E-5	7.48E-4	4.95E-4
	CC7	-0.6102	-0.2291	-0.2266	-7.68E-5	8.25E-4	6.08E-4
	CC8	-0.6087	-0.2273	-0.2249	-7.64E-5	8.21E-4	6.33E-4
	CC9	0.1069	1.5156	-0.0915	3.37E-5	-3.62E-4	-4.23E-4
	CC10	0.1115	1.5210	-0.0862	3.47E-5	-3.73E-4	-3.46E-4
	CC11	-0.2752	1.6778	-0.1774	-1.07E-5	1.15E-4	-9.72E-5
	CC12	-0.2706	1.6832	-0.1722	-9.57E-6	1.03E-4	-2.03E-5
	CC13	0.2750	-1.7119	-0.0157	1.09E-5	-1.17E-4	3.86E-5
	CC14	0.2796	-1.7065	-0.0104	1.20E-5	-1.29E-4	1.16E-4
	CC15	-0.1071	-1.5497	-0.1016	-3.34E-5	3.59E-4	3.64E-4
	CC16	-0.1025	-1.5444	-0.0964	-3.23E-5	3.47E-4	4.41E-4
<b>762</b>	CC1	0.6336	0.2034	0.0611	8.62E-5	-9.26E-4	-6.25E-4
	CC2	0.6331	0.2050	0.0629	8.63E-5	-9.27E-4	-6.00E-4
	CC3	0.6742	-0.7681	-0.0090	7.71E-5	-8.28E-4	-5.14E-4
	CC4	0.6737	-0.7665	-0.0071	7.73E-5	-8.30E-4	-4.89E-4
	CC5	-0.6707	0.7376	-0.1856	-7.62E-5	8.18E-4	5.05E-4
	CC6	-0.6712	0.7391	-0.1837	-7.61E-5	8.17E-4	5.30E-4
	CC7	-0.6301	-0.2340	-0.2556	-8.52E-5	9.16E-4	6.16E-4
	CC8	-0.6306	-0.2324	-0.2538	-8.51E-5	9.14E-4	6.41E-4
	CC9	0.1303	1.5222	0.0546	3.98E-5	-4.27E-4	-3.86E-4
	CC10	0.1286	1.5270	0.0602	4.02E-5	-4.31E-4	-3.08E-4
	CC11	-0.2610	1.6824	-0.0194	-8.93E-6	9.60E-5	-4.66E-5
	CC12	-0.2627	1.6873	-0.0137	-8.54E-6	9.17E-5	3.12E-5
	CC13	0.2657	-1.7162	-0.1790	9.60E-6	-1.03E-4	-1.51E-5
	CC14	0.2640	-1.7114	-0.1733	1.00E-5	-1.07E-4	6.27E-5
	CC15	-0.1256	-1.5560	-0.2529	-3.91E-5	4.20E-4	3.24E-4
	CC16	-0.1273	-1.5512	-0.2473	-3.87E-5	4.16E-4	4.02E-4
<b>763</b>	CC1	0.7028	0.2239	0.0623	7.21E-5	-7.74E-4	-6.93E-4
	CC2	0.7024	0.2260	0.0642	7.22E-5	-7.76E-4	-6.65E-4
	CC3	0.7455	-0.8599	-0.0092	6.26E-5	-6.72E-4	-5.65E-4
	CC4	0.7451	-0.8578	-0.0073	6.27E-5	-6.74E-4	-5.36E-4
	CC5	-0.7403	0.8237	-0.1860	-6.11E-5	6.57E-4	5.54E-4
	CC6	-0.7408	0.8258	-0.1842	-6.10E-5	6.55E-4	5.83E-4
	CC7	-0.6976	-0.2601	-0.2575	-7.06E-5	7.59E-4	6.83E-4
	CC8	-0.6981	-0.2580	-0.2556	-7.05E-5	7.57E-4	7.11E-4
	CC9	0.1483	1.6961	0.0569	3.64E-5	-3.91E-4	-4.36E-4
	CC10	0.1469	1.7025	0.0626	3.68E-5	-3.96E-4	-3.49E-4
	CC11	-0.2846	1.8760	-0.0176	-3.59E-6	3.86E-5	-6.12E-5
	CC12	-0.2860	1.8824	-0.0119	-3.12E-6	3.36E-5	2.53E-5
	CC13	0.2908	-1.9165	-0.1814	4.74E-6	-5.09E-5	-7.25E-6
	CC14	0.2894	-1.9101	-0.1757	5.20E-6	-5.59E-5	7.93E-5
	CC15	-0.1422	-1.7366	-0.2559	-3.52E-5	3.78E-4	3.67E-4
	CC16	-0.1436	-1.7302	-0.2502	-3.48E-5	3.73E-4	4.54E-4
<b>764</b>	CC1	0.6371	0.5216	-0.0975	4.06E-4	2.26E-5	-6.70E-4
	CC2	0.6438	0.5113	-0.0964	3.99E-4	2.21E-5	-6.41E-4



	CC3	0.7056	-0.6166	-0.0171	-7.80E-4	-4.33E-5	-6.43E-4
	CC4	0.7123	-0.6269	-0.0160	-7.88E-4	-4.37E-5	-6.14E-4
	CC5	-0.7030	0.5951	-0.1722	7.03E-4	3.90E-5	6.24E-4
	CC6	-0.6963	0.5848	-0.1711	6.95E-4	3.86E-5	6.53E-4
	CC7	-0.6345	-0.5431	-0.0918	-4.83E-4	-2.68E-5	6.51E-4
	CC8	-0.6278	-0.5534	-0.0907	-4.91E-4	-2.73E-5	6.80E-4
	CC9	0.0814	1.8856	-0.2185	1.90E-3	1.06E-4	-2.78E-4
	CC10	0.1017	1.8546	-0.2152	1.88E-3	1.04E-4	-1.89E-4
	CC11	-0.3206	1.9076	-0.2410	1.99E-3	1.11E-4	1.11E-4
	CC12	-0.3003	1.8766	-0.2376	1.97E-3	1.09E-4	1.99E-4
	CC13	0.3096	-1.9084	0.0493	-2.05E-3	-1.14E-4	-1.89E-4
	CC14	0.3299	-1.9394	0.0527	-2.08E-3	-1.15E-4	-1.01E-4
	CC15	-0.0924	-1.8864	0.0269	-1.96E-3	-1.09E-4	1.99E-4
	CC16	-0.0721	-1.9174	0.0303	-1.99E-3	-1.10E-4	2.87E-4
<b>765</b>	CC1	0.5716	0.4723	-0.0985	5.93E-4	3.29E-5	-6.44E-4
	CC2	0.5775	0.4628	-0.0974	5.85E-4	3.24E-5	-6.17E-4
	CC3	0.6349	-0.5509	-0.0184	-8.72E-4	-4.84E-5	-5.54E-4
	CC4	0.6408	-0.5604	-0.0173	-8.81E-4	-4.89E-5	-5.27E-4
	CC5	-0.6335	0.5341	-0.1704	8.36E-4	4.64E-5	5.22E-4
	CC6	-0.6277	0.5246	-0.1693	8.27E-4	4.59E-5	5.49E-4
	CC7	-0.5702	-0.4891	-0.0903	-6.30E-4	-3.50E-5	6.12E-4
	CC8	-0.5644	-0.4987	-0.0892	-6.39E-4	-3.55E-5	6.39E-4
	CC9	0.0700	1.6974	-0.2181	2.40E-3	1.33E-4	-3.68E-4
	CC10	0.0878	1.6685	-0.2149	2.37E-3	1.32E-4	-2.87E-4
	CC11	-0.2916	1.7159	-0.2397	2.47E-3	1.37E-4	-1.82E-5
	CC12	-0.2737	1.6871	-0.2364	2.44E-3	1.36E-4	6.29E-5
	CC13	0.2810	-1.7134	0.0487	-2.49E-3	-1.38E-4	-6.79E-5
	CC14	0.2988	-1.7423	0.0520	-2.52E-3	-1.40E-4	1.32E-5
	CC15	-0.0805	-1.6949	0.0272	-2.42E-3	-1.34E-4	2.82E-4
	CC16	-0.0627	-1.7237	0.0304	-2.44E-3	-1.36E-4	3.63E-4
<b>766</b>	CC1	0.5105	0.4193	-0.0998	5.54E-4	3.08E-5	-6.11E-4
	CC2	0.5156	0.4106	-0.0988	5.45E-4	3.03E-5	-5.87E-4
	CC3	0.5676	-0.4822	-0.0205	-8.53E-4	-4.73E-5	-4.55E-4
	CC4	0.5727	-0.4910	-0.0195	-8.62E-4	-4.79E-5	-4.30E-4
	CC5	-0.5673	0.4691	-0.1674	8.02E-4	4.45E-5	4.07E-4
	CC6	-0.5622	0.4604	-0.1664	7.92E-4	4.40E-5	4.31E-4
	CC7	-0.5102	-0.4324	-0.0881	-6.06E-4	-3.36E-5	5.64E-4
	CC8	-0.5051	-0.4412	-0.0871	-6.15E-4	-3.41E-5	5.88E-4
	CC9	0.0614	1.4975	-0.2170	2.29E-3	1.27E-4	-4.63E-4
	CC10	0.0770	1.4709	-0.2139	2.26E-3	1.26E-4	-3.89E-4
	CC11	-0.2619	1.5124	-0.2373	2.37E-3	1.31E-4	-1.57E-4
	CC12	-0.2463	1.4859	-0.2342	2.34E-3	1.30E-4	-8.35E-5
	CC13	0.2518	-1.5077	0.0473	-2.40E-3	-1.33E-4	6.02E-5
	CC14	0.2673	-1.5342	0.0504	-2.43E-3	-1.35E-4	1.34E-4
	CC15	-0.0716	-1.4928	0.0270	-2.32E-3	-1.29E-4	3.66E-4
	CC16	-0.0560	-1.5193	0.0301	-2.35E-3	-1.31E-4	4.39E-4
<b>767</b>	CC1	0.5121	0.4759	-0.1513	5.91E-4	3.28E-5	-5.45E-4
	CC2	0.5173	0.4650	-0.1507	5.78E-4	3.21E-5	-5.22E-4
	CC3	0.5692	-0.4378	-0.0738	-8.71E-4	-4.84E-5	-4.94E-4
	CC4	0.5745	-0.4487	-0.0732	-8.84E-4	-4.91E-5	-4.70E-4
	CC5	-0.5690	0.4284	-0.1155	8.18E-4	4.54E-5	4.57E-4
	CC6	-0.5638	0.4175	-0.1148	8.05E-4	4.47E-5	4.81E-4
	CC7	-0.5119	-0.4853	-0.0380	-6.43E-4	-3.57E-5	5.09E-4
	CC8	-0.5066	-0.4961	-0.0373	-6.56E-4	-3.64E-5	5.32E-4
	CC9	0.0616	1.5363	-0.2298	2.39E-3	1.33E-4	-2.78E-4
	CC10	0.0776	1.5032	-0.2279	2.35E-3	1.30E-4	-2.09E-4
	CC11	-0.2627	1.5221	-0.2191	2.46E-3	1.36E-4	2.24E-5
	CC12	-0.2467	1.4890	-0.2171	2.42E-3	1.34E-4	9.23E-5
	CC13	0.2522	-1.5092	0.0285	-2.48E-3	-1.38E-4	-1.05E-4
	CC14	0.2682	-1.5423	0.0304	-2.52E-3	-1.40E-4	-3.54E-5
	CC15	-0.0722	-1.5235	0.0392	-2.42E-3	-1.34E-4	1.96E-4
	CC16	-0.0562	-1.5565	0.0412	-2.45E-3	-1.36E-4	2.65E-4
<b>768</b>	CC1	0.5134	0.5198	-0.1978	5.60E-4	3.11E-5	-4.02E-4
	CC2	0.5188	0.5070	-0.1975	5.45E-4	3.02E-5	-3.83E-4
	CC3	0.5705	-0.3929	-0.1207	-8.81E-4	-4.89E-5	-5.42E-4
	CC4	0.5758	-0.4057	-0.1205	-8.97E-4	-4.98E-5	-5.22E-4
	CC5	-0.5702	0.3855	-0.0701	8.22E-4	4.56E-5	5.32E-4
	CC6	-0.5648	0.3727	-0.0699	8.06E-4	4.47E-5	5.52E-4
	CC7	-0.5131	-0.5272	0.0069	-6.20E-4	-3.44E-5	3.92E-4
	CC8	-0.5077	-0.5401	0.0071	-6.36E-4	-3.53E-5	4.12E-4
	CC9	0.0621	1.5507	-0.2432	2.35E-3	1.30E-4	6.76E-5
	CC10	0.0784	1.5117	-0.2424	2.30E-3	1.28E-4	1.28E-4

	CC11	-0.2629	1.5104	-0.2049	2.43E-3	1.35E-4	3.48E-4
	CC12	-0.2466	1.4714	-0.2042	2.38E-3	1.32E-4	4.08E-4
	CC13	0.2523	-1.4916	0.0135	-2.46E-3	-1.36E-4	-3.99E-4
	CC14	0.2686	-1.5306	0.0143	-2.50E-3	-1.39E-4	-3.38E-4
	CC15	-0.0728	-1.5319	0.0518	-2.38E-3	-1.32E-4	-1.18E-4
	CC16	-0.0565	-1.5709	0.0526	-2.43E-3	-1.35E-4	-5.77E-5
<b>769</b>	CC1	0.6385	0.5889	-0.1539	4.81E-4	2.67E-5	-7.05E-4
	CC2	0.6453	0.5761	-0.1532	4.71E-4	2.61E-5	-6.76E-4
	CC3	0.7071	-0.5560	-0.0749	-7.52E-4	-4.18E-5	-6.13E-4
	CC4	0.7139	-0.5689	-0.0742	-7.63E-4	-4.24E-5	-5.84E-4
	CC5	-0.7047	0.5368	-0.1160	6.91E-4	3.83E-5	5.79E-4
	CC6	-0.6978	0.5239	-0.1153	6.80E-4	3.77E-5	6.09E-4
	CC7	-0.6360	-0.6082	-0.0370	-5.43E-4	-3.01E-5	6.71E-4
	CC8	-0.6292	-0.6211	-0.0363	-5.54E-4	-3.07E-5	7.01E-4
	CC9	0.0814	1.9196	-0.2334	2.01E-3	1.11E-4	-3.93E-4
	CC10	0.1021	1.8805	-0.2314	1.97E-3	1.09E-4	-3.03E-4
	CC11	-0.3216	1.9039	-0.2221	2.07E-3	1.15E-4	-7.61E-6
	CC12	-0.3008	1.8649	-0.2200	2.04E-3	1.13E-4	8.21E-5
	CC13	0.3101	-1.8970	0.0298	-2.11E-3	-1.17E-4	-8.67E-5
	CC14	0.3309	-1.9361	0.0319	-2.14E-3	-1.19E-4	3.06E-6
	CC15	-0.0928	-1.9127	0.0412	-2.04E-3	-1.14E-4	2.99E-4
	CC16	-0.0721	-1.9517	0.0432	-2.08E-3	-1.15E-4	3.88E-4
<b>770</b>	CC1	0.5739	0.5346	-0.1527	5.46E-4	3.03E-5	-6.32E-4
	CC2	0.5799	0.5226	-0.1520	5.34E-4	2.96E-5	-6.05E-4
	CC3	0.6373	-0.4982	-0.0742	-8.37E-4	-4.65E-5	-5.54E-4
	CC4	0.6433	-0.5101	-0.0736	-8.49E-4	-4.71E-5	-5.28E-4
	CC5	-0.6361	0.4841	-0.1161	7.82E-4	4.34E-5	5.24E-4
	CC6	-0.6300	0.4721	-0.1154	7.70E-4	4.27E-5	5.50E-4
	CC7	-0.5727	-0.5487	-0.0376	-6.01E-4	-3.34E-5	6.02E-4
	CC8	-0.5667	-0.5606	-0.0370	-6.13E-4	-3.40E-5	6.28E-4
	CC9	0.0704	1.7339	-0.2320	2.25E-3	1.25E-4	-3.45E-4
	CC10	0.0887	1.6977	-0.2300	2.22E-3	1.23E-4	-2.64E-4
	CC11	-0.2926	1.7188	-0.2211	2.32E-3	1.29E-4	1.65E-6
	CC12	-0.2743	1.6825	-0.2191	2.29E-3	1.27E-4	8.24E-5
	CC13	0.2815	-1.7086	0.0294	-2.36E-3	-1.31E-4	-8.61E-5
	CC14	0.2998	-1.7448	0.0314	-2.39E-3	-1.33E-4	-5.40E-6
	CC15	-0.0815	-1.7237	0.0404	-2.28E-3	-1.27E-4	2.61E-4
	CC16	-0.0632	-1.7600	0.0424	-2.32E-3	-1.29E-4	3.41E-4
<b>771</b>	CC1	0.5766	0.5912	-0.2001	5.91E-4	3.28E-5	-6.17E-4
	CC2	0.5828	0.5769	-0.1999	5.73E-4	3.18E-5	-5.91E-4
	CC3	0.6402	-0.4499	-0.1225	-1.01E-3	-5.61E-5	-5.49E-4
	CC4	0.6464	-0.4642	-0.1223	-1.03E-3	-5.71E-5	-5.23E-4
	CC5	-0.6391	0.4383	-0.0696	9.73E-4	5.40E-5	5.22E-4
	CC6	-0.6329	0.4240	-0.0694	9.55E-4	5.30E-5	5.48E-4
	CC7	-0.5755	-0.6028	0.0079	-6.29E-4	-3.49E-5	5.90E-4
	CC8	-0.5693	-0.6171	0.0082	-6.48E-4	-3.60E-5	6.16E-4
	CC9	0.0707	1.7669	-0.2452	2.61E-3	1.45E-4	-3.25E-4
	CC10	0.0893	1.7234	-0.2445	2.56E-3	1.42E-4	-2.45E-4
	CC11	-0.2941	1.7211	-0.2061	2.73E-3	1.51E-4	1.68E-5
	CC12	-0.2754	1.6776	-0.2053	2.67E-3	1.48E-4	9.64E-5
	CC13	0.2827	-1.7035	0.0134	-2.73E-3	-1.51E-4	-9.76E-5
	CC14	0.3014	-1.7470	0.0141	-2.78E-3	-1.55E-4	-1.80E-5
	CC15	-0.0820	-1.7493	0.0525	-2.61E-3	-1.45E-4	2.44E-4
	CC16	-0.0634	-1.7929	0.0533	-2.67E-3	-1.48E-4	3.24E-4
<b>772</b>	CC1	0.6407	0.6582	-0.2022	4.90E-4	2.72E-5	-8.23E-4
	CC2	0.6477	0.6425	-0.2020	4.77E-4	2.65E-5	-7.90E-4
	CC3	0.7100	-0.5051	-0.1241	-7.26E-4	-4.03E-5	-5.59E-4
	CC4	0.7170	-0.5208	-0.1239	-7.39E-4	-4.10E-5	-5.27E-4
	CC5	-0.7079	0.4892	-0.0690	6.64E-4	3.68E-5	5.16E-4
	CC6	-0.7009	0.4735	-0.0688	6.51E-4	3.61E-5	5.48E-4
	CC7	-0.6386	-0.6741	0.0091	-5.53E-4	-3.07E-5	7.80E-4
	CC8	-0.6316	-0.6898	0.0093	-5.66E-4	-3.14E-5	8.12E-4
	CC9	0.0807	1.9722	-0.2470	1.98E-3	1.10E-4	-6.94E-4
	CC10	0.1020	1.9246	-0.2463	1.94E-3	1.08E-4	-5.97E-4
	CC11	-0.3238	1.9215	-0.2070	2.04E-3	1.13E-4	-2.93E-4
	CC12	-0.3026	1.8739	-0.2063	2.00E-3	1.11E-4	-1.95E-4
	CC13	0.3117	-1.9055	0.0134	-2.07E-3	-1.15E-4	1.84E-4
	CC14	0.3329	-1.9531	0.0141	-2.11E-3	-1.17E-4	2.82E-4
	CC15	-0.0929	-1.9562	0.0534	-2.02E-3	-1.12E-4	5.86E-4
	CC16	-0.0717	-2.0038	0.0541	-2.06E-3	-1.14E-4	6.84E-4
<b>773</b>	CC1	0.6423	1.0855	-0.2021	1.18E-3	1.35E-29	-6.95E-4
	CC2	0.6495	1.0521	-0.1996	1.15E-3	1.35E-29	-6.66E-4

	CC3	0.7113	-0.1537	-0.1117	-2.29E-4	8.50E-3	-6.30E-4
	CC4	0.7185	-0.1871	-0.1093	-2.64E-4	8.50E-3	-6.01E-4
	CC5	-0.7106	0.1597	-0.1182	2.15E-4	-8.50E-3	5.86E-4
	CC6	-0.7034	0.1264	-0.1158	1.80E-4	-8.50E-3	6.15E-4
	CC7	-0.6416	-1.0794	-0.0279	-1.20E-3	-1.35E-29	6.51E-4
	CC8	-0.6343	-1.1128	-0.0254	-1.23E-3	-1.35E-29	6.79E-4
	CC9	0.0808	2.2411	-0.2807	2.52E-3	1.17E-29	-3.51E-4
	CC10	0.1029	2.1398	-0.2732	2.42E-3	1.17E-29	-2.64E-4
	CC11	-0.3250	1.9634	-0.2555	2.23E-3	5.08E-3	3.29E-5
	CC12	-0.3030	1.8620	-0.2480	2.13E-3	5.08E-3	1.20E-4
	CC13	0.3109	-1.8894	0.0205	-2.18E-3	-5.08E-3	-1.36E-4
	CC14	0.3329	-1.9907	0.0280	-2.28E-3	-5.08E-3	-4.83E-5
	CC15	-0.0949	-2.1671	0.0457	-2.47E-3	-1.17E-29	2.49E-4
	CC16	-0.0729	-2.2684	0.0531	-2.57E-3	-1.17E-29	3.36E-4
774	CC1	0.5776	0.9667	-0.2005	1.56E-3	2.42E-28	-6.56E-4
	CC2	0.5840	0.9368	-0.1981	1.52E-3	2.42E-28	-6.30E-4
	CC3	0.6408	-0.1326	-0.1106	-2.67E-4	1.53E-28	-5.41E-4
	CC4	0.6472	-0.1625	-0.1081	-3.10E-4	1.53E-28	-5.14E-4
	CC5	-0.6406	0.1385	-0.1181	2.83E-4	-1.53E-28	4.97E-4
	CC6	-0.6342	0.1085	-0.1157	2.40E-4	-1.53E-28	5.23E-4
	CC7	-0.5774	-0.9608	-0.0282	-1.54E-3	-2.42E-28	6.12E-4
	CC8	-0.5710	-0.9908	-0.0257	-1.58E-3	-2.42E-28	6.39E-4
	CC9	0.0710	1.9898	-0.2791	3.28E-3	2.08E-28	-4.14E-4
	CC10	0.0904	1.8989	-0.2717	3.15E-3	2.08E-28	-3.34E-4
	CC11	-0.2945	1.7413	-0.2544	2.90E-3	9.00E-29	-6.86E-5
	CC12	-0.2750	1.6504	-0.2470	2.77E-3	9.00E-29	1.16E-5
	CC13	0.2816	-1.6745	0.0207	-2.80E-3	-9.00E-29	-2.93E-5
	CC14	0.3011	-1.7654	0.0281	-2.93E-3	-9.00E-29	5.09E-5
	CC15	-0.0838	-1.9230	0.0454	-3.18E-3	-2.08E-28	3.17E-4
	CC16	-0.0644	-2.0139	0.0529	-3.31E-3	-2.08E-28	3.97E-4
775	CC1	0.5128	0.8402	-0.1996	1.41E-3	4.51E-29	-6.19E-4
	CC2	0.5184	0.8138	-0.1971	1.37E-3	4.51E-29	-5.95E-4
	CC3	0.5699	-0.1136	-0.1100	-2.22E-4	2.84E-29	-4.51E-4
	CC4	0.5755	-0.1400	-0.1075	-2.60E-4	2.84E-29	-4.26E-4
	CC5	-0.5700	0.1192	-0.1173	2.12E-4	-2.84E-29	4.06E-4
	CC6	-0.5645	0.0928	-0.1148	1.74E-4	-2.84E-29	4.31E-4
	CC7	-0.5130	-0.8347	-0.0277	-1.42E-3	-4.51E-29	5.75E-4
	CC8	-0.5074	-0.8611	-0.0252	-1.46E-3	-4.51E-29	5.99E-4
	CC9	0.0616	1.7275	-0.2778	2.93E-3	3.90E-29	-4.81E-4
	CC10	0.0784	1.6475	-0.2703	2.82E-3	3.90E-29	-4.07E-4
	CC11	-0.2633	1.5112	-0.2531	2.57E-3	1.69E-29	-1.74E-4
	CC12	-0.2464	1.4311	-0.2456	2.46E-3	1.69E-29	-9.97E-5
	CC13	0.2518	-1.4520	0.0208	-2.50E-3	-1.69E-29	7.96E-5
	CC14	0.2687	-1.5320	0.0283	-2.62E-3	-1.69E-29	1.53E-4
	CC15	-0.0730	-1.6683	0.0455	-2.86E-3	-3.90E-29	3.87E-4
	CC16	-0.0562	-1.7483	0.0530	-2.98E-3	-3.90E-29	4.61E-4
776	CC1	0.5143	0.8917	-0.2211	1.47E-3	5.64E-29	-5.33E-4
	CC2	0.5199	0.8632	-0.2193	1.43E-3	5.64E-29	-5.12E-4
	CC3	0.5713	-0.0732	-0.1375	-1.43E-4	3.55E-29	-4.60E-4
	CC4	0.5769	-0.1017	-0.1356	-1.84E-4	3.55E-29	-4.38E-4
	CC5	-0.5713	0.0826	-0.0899	1.40E-4	-3.55E-29	4.20E-4
	CC6	-0.5657	0.0541	-0.0880	9.90E-5	-3.55E-29	4.42E-4
	CC7	-0.5143	-0.8824	-0.0063	-1.47E-3	-5.64E-29	4.94E-4
	CC8	-0.5087	-0.9108	-0.0044	-1.51E-3	-5.64E-29	5.16E-4
	CC9	0.0622	1.7632	-0.2746	2.93E-3	4.86E-29	-3.08E-4
	CC10	0.0791	1.6768	-0.2690	2.81E-3	4.86E-29	-2.41E-4
	CC11	-0.2635	1.5204	-0.2353	2.53E-3	2.11E-29	-2.20E-5
	CC12	-0.2466	1.4341	-0.2296	2.41E-3	2.11E-29	4.48E-5
	CC13	0.2522	-1.4532	0.0041	-2.45E-3	-2.11E-29	-6.26E-5
	CC14	0.2691	-1.5395	0.0097	-2.57E-3	-2.11E-29	4.11E-6
	CC15	-0.0735	-1.6959	0.0434	-2.85E-3	-4.86E-29	2.23E-4
	CC16	-0.0566	-1.7823	0.0491	-2.97E-3	-4.86E-29	2.90E-4
777	CC1	0.5139	0.9346	-0.2718	1.57E-3	1.23E-28	-4.35E-4
	CC2	0.5194	0.9043	-0.2705	1.53E-3	1.23E-28	-4.16E-4
	CC3	0.5706	-0.0324	-0.1933	-6.59E-5	7.75E-29	-4.58E-4
	CC4	0.5761	-0.0627	-0.1920	-1.10E-4	7.75E-29	-4.39E-4
	CC5	-0.5704	0.0450	-0.0345	7.22E-5	-7.75E-29	4.26E-4
	CC6	-0.5648	0.0147	-0.0332	2.79E-5	-7.75E-29	4.46E-4
	CC7	-0.5137	-0.9220	0.0440	-1.57E-3	-1.23E-28	4.03E-4
	CC8	-0.5081	-0.9523	0.0453	-1.61E-3	-1.23E-28	4.22E-4
	CC9	0.0626	1.7821	-0.2815	3.00E-3	1.06E-28	-1.26E-4
	CC10	0.0794	1.6903	-0.2776	2.87E-3	1.06E-28	-6.74E-5

	CC11	-0.2627	1.5153	-0.2103	2.55E-3	4.61E-29	1.33E-4
	CC12	-0.2459	1.4234	-0.2064	2.42E-3	4.61E-29	1.91E-4
	CC13	0.2516	-1.4411	-0.0201	-2.46E-3	-4.61E-29	-2.04E-4
	CC14	0.2684	-1.5330	-0.0162	-2.59E-3	-4.61E-29	-1.46E-4
	CC15	-0.0737	-1.7080	0.0511	-2.91E-3	-1.06E-28	5.44E-5
	CC16	-0.0569	-1.7999	0.0550	-3.04E-3	-1.06E-28	1.13E-4
<b>778</b>	CC1	0.6399	1.1484	-0.2237	1.24E-3	7.66E-29	-7.25E-4
	CC2	0.6472	1.1124	-0.2218	1.20E-3	7.66E-29	-6.96E-4
	CC3	0.7089	-0.0976	-0.1390	-1.61E-4	4.82E-29	-6.27E-4
	CC4	0.7161	-0.1336	-0.1372	-1.99E-4	4.82E-29	-5.97E-4
	CC5	-0.7083	0.1081	-0.0909	1.54E-4	-4.82E-29	5.71E-4
	CC6	-0.7011	0.0721	-0.0891	1.17E-4	-4.82E-29	6.00E-4
	CC7	-0.6393	-1.1379	-0.0063	-1.25E-3	-7.66E-29	6.69E-4
	CC8	-0.6321	-1.1739	-0.0044	-1.28E-3	-7.66E-29	6.99E-4
	CC9	0.0803	2.2746	-0.2778	2.53E-3	6.60E-29	-4.17E-4
	CC10	0.1022	2.1653	-0.2721	2.42E-3	6.60E-29	-3.27E-4
	CC11	-0.3242	1.9625	-0.2380	2.21E-3	2.86E-29	-2.80E-5
	CC12	-0.3023	1.8532	-0.2323	2.09E-3	2.86E-29	6.21E-5
	CC13	0.3101	-1.8787	0.0042	-2.14E-3	-2.86E-29	-8.88E-5
	CC14	0.3320	-1.9880	0.0099	-2.25E-3	-2.86E-29	1.36E-6
	CC15	-0.0944	-2.1908	0.0440	-2.46E-3	-6.60E-29	3.00E-4
	CC16	-0.0725	-2.3001	0.0497	-2.58E-3	-6.60E-29	3.90E-4
<b>779</b>	CC1	0.5773	1.0242	-0.2229	1.62E-3	2.10E-28	-6.26E-4
	CC2	0.5837	0.9919	-0.2210	1.57E-3	2.10E-28	-6.00E-4
	CC3	0.6404	-0.0840	-0.1385	-1.61E-4	1.31E-28	-5.44E-4
	CC4	0.6468	-0.1163	-0.1367	-2.07E-4	1.31E-28	-5.18E-4
	CC5	-0.6402	0.0940	-0.0904	1.77E-4	-1.31E-28	4.97E-4
	CC6	-0.6338	0.0617	-0.0885	1.31E-4	-1.31E-28	5.23E-4
	CC7	-0.5771	-1.0142	-0.0060	-1.60E-3	-2.10E-28	5.79E-4
	CC8	-0.5706	-1.0465	-0.0042	-1.65E-3	-2.10E-28	6.04E-4
	CC9	0.0710	2.0244	-0.2768	3.24E-3	1.82E-28	-3.54E-4
	CC10	0.0904	1.9264	-0.2711	3.10E-3	1.82E-28	-2.76E-4
	CC11	-0.2943	1.7453	-0.2370	2.81E-3	7.93E-29	-1.74E-5
	CC12	-0.2748	1.6473	-0.2313	2.67E-3	7.93E-29	6.06E-5
	CC13	0.2815	-1.6696	0.0043	-2.70E-3	-7.93E-29	-8.21E-5
	CC14	0.3009	-1.7676	0.0100	-2.83E-3	-7.93E-29	-4.07E-6
	CC15	-0.0838	-1.9487	0.0441	-3.13E-3	-1.82E-28	2.55E-4
	CC16	-0.0643	-2.0467	0.0497	-3.27E-3	-1.82E-28	3.33E-4
<b>780</b>	CC1	0.5775	1.0786	-0.2732	1.80E-3	1.69E-28	-5.95E-4
	CC2	0.5839	1.0441	-0.2719	1.74E-3	1.69E-28	-5.70E-4
	CC3	0.6408	-0.0354	-0.1939	-5.86E-5	1.06E-28	-5.43E-4
	CC4	0.6472	-0.0700	-0.1926	-1.11E-4	1.06E-28	-5.17E-4
	CC5	-0.6405	0.0496	-0.0355	8.76E-5	-1.06E-28	4.97E-4
	CC6	-0.6341	0.0150	-0.0342	3.53E-5	-1.06E-28	5.22E-4
	CC7	-0.5773	-1.0645	0.0438	-1.77E-3	-1.69E-28	5.49E-4
	CC8	-0.5709	-1.0990	0.0451	-1.82E-3	-1.69E-28	5.74E-4
	CC9	0.0709	2.0534	-0.2839	3.42E-3	1.46E-28	-2.99E-4
	CC10	0.0903	1.9485	-0.2799	3.26E-3	1.46E-28	-2.23E-4
	CC11	-0.2945	1.7447	-0.2126	2.90E-3	6.36E-29	2.82E-5
	CC12	-0.2751	1.6398	-0.2086	2.74E-3	6.36E-29	1.04E-4
	CC13	0.2817	-1.6602	-0.0195	-2.77E-3	-6.36E-29	-1.25E-4
	CC14	0.3011	-1.7651	-0.0155	-2.93E-3	-6.36E-29	-4.87E-5
	CC15	-0.0837	-1.9689	0.0518	-3.28E-3	-1.46E-28	2.03E-4
	CC16	-0.0643	-2.0738	0.0558	-3.44E-3	-1.46E-28	2.79E-4
<b>781</b>	CC1	0.6410	1.2150	-0.2748	1.35E-3	8.94E-29	-7.64E-4
	CC2	0.6482	1.1762	-0.2735	1.31E-3	8.94E-29	-7.32E-4
	CC3	0.7104	-0.0417	-0.1952	-9.42E-5	5.60E-29	-6.27E-4
	CC4	0.7177	-0.0804	-0.1940	-1.36E-4	5.60E-29	-5.96E-4
	CC5	-0.7101	0.0575	-0.0354	1.01E-4	-5.60E-29	5.67E-4
	CC6	-0.7028	0.0187	-0.0341	5.87E-5	-5.60E-29	5.98E-4
	CC7	-0.6406	-1.1992	0.0442	-1.35E-3	-8.94E-29	7.03E-4
	CC8	-0.6333	-1.2379	0.0455	-1.39E-3	-8.94E-29	7.34E-4
	CC9	0.0797	2.3154	-0.2852	2.65E-3	7.74E-29	-4.88E-4
	CC10	0.1017	2.1978	-0.2813	2.52E-3	7.74E-29	-3.94E-4
	CC11	-0.3256	1.9681	-0.2134	2.27E-3	3.38E-29	-8.91E-5
	CC12	-0.3036	1.8505	-0.2095	2.14E-3	3.38E-29	5.33E-6
	CC13	0.3112	-1.8735	-0.0199	-2.18E-3	-3.38E-29	-3.45E-5
	CC14	0.3333	-1.9911	-0.0160	-2.31E-3	-3.38E-29	5.99E-5
	CC15	-0.0941	-2.2207	0.0519	-2.56E-3	-7.74E-29	3.65E-4
	CC16	-0.0721	-2.3383	0.0559	-2.68E-3	-7.74E-29	4.59E-4
<b>782</b>	CC1	0.7737	1.5632	-0.1528	3.53E-5	-8.54E-4	-6.34E-4
	CC2	0.7648	1.5097	-0.1553	3.64E-5	-8.45E-4	-6.08E-4

	CC3	0.7819	0.2658	-0.2018	-3.04E-4	-8.65E-4	-5.64E-4
	CC4	0.7730	0.2122	-0.2043	-3.03E-4	-8.56E-4	-5.38E-4
	CC5	-0.7754	-0.2266	-0.0216	2.91E-4	8.68E-4	5.37E-4
	CC6	-0.7843	-0.2802	-0.0241	2.92E-4	8.76E-4	5.64E-4
	CC7	-0.7672	-1.5241	-0.0706	-4.91E-5	8.57E-4	6.07E-4
	CC8	-0.7761	-1.5776	-0.0732	-4.80E-5	8.65E-4	6.34E-4
	CC9	0.2311	2.5049	-0.0471	5.20E-4	-2.47E-4	-3.33E-4
	CC10	0.2041	2.3424	-0.0548	5.23E-4	-2.21E-4	-2.52E-4
	CC11	-0.2337	1.9680	-0.0077	5.97E-4	2.70E-4	1.85E-5
	CC12	-0.2606	1.8054	-0.0154	6.00E-4	2.95E-4	9.91E-5
	CC13	0.2582	-1.8198	-0.2105	-6.13E-4	-2.84E-4	-9.94E-5
	CC14	0.2312	-1.9824	-0.2182	-6.09E-4	-2.59E-4	-1.88E-5
	CC15	-0.2065	-2.3568	-0.1712	-5.36E-4	2.33E-4	2.52E-4
	CC16	-0.2335	-2.5193	-0.1789	-5.33E-4	2.58E-4	3.33E-4
<b>783</b>	CC1	0.6974	1.4056	-0.1525	-2.40E-5	-9.74E-4	-6.09E-4
	CC2	0.6894	1.3572	-0.1546	-2.25E-5	-9.60E-4	-5.84E-4
	CC3	0.7062	0.2403	-0.1886	-4.64E-5	-9.06E-4	-5.20E-4
	CC4	0.6981	0.1919	-0.1908	-4.50E-5	-8.92E-4	-4.95E-4
	CC5	-0.6998	-0.2053	-0.0343	4.66E-5	9.00E-4	4.94E-4
	CC6	-0.7078	-0.2537	-0.0365	4.81E-5	9.14E-4	5.19E-4
	CC7	-0.6910	-1.3706	-0.0705	2.42E-5	9.68E-4	5.83E-4
	CC8	-0.6991	-1.4190	-0.0726	2.56E-5	9.82E-4	6.08E-4
	CC9	0.2064	2.2505	-0.0667	2.55E-5	-4.11E-4	-3.52E-4
	CC10	0.1819	2.1036	-0.0732	3.00E-5	-3.70E-4	-2.76E-4
	CC11	-0.2128	1.7672	-0.0313	4.66E-5	1.51E-4	-2.14E-5
	CC12	-0.2372	1.6203	-0.0377	5.12E-5	1.92E-4	5.51E-5
	CC13	0.2356	-1.6338	-0.1873	-4.95E-5	-1.84E-4	-5.60E-5
	CC14	0.2111	-1.7806	-0.1938	-4.50E-5	-1.43E-4	2.04E-5
	CC15	-0.1836	-2.1170	-0.1519	-2.83E-5	3.78E-4	2.75E-4
	CC16	-0.2080	-2.2639	-0.1584	-2.38E-5	4.19E-4	3.51E-4
<b>784</b>	CC1	0.6182	1.2392	-0.1514	2.81E-4	-9.11E-4	-5.37E-4
	CC2	0.6112	1.1963	-0.1536	2.73E-4	-8.99E-4	-5.15E-4
	CC3	0.6290	0.2111	-0.1896	1.09E-4	-8.96E-4	-4.60E-4
	CC4	0.6220	0.1682	-0.1918	1.00E-4	-8.84E-4	-4.37E-4
	CC5	-0.6225	-0.1807	-0.0315	-4.99E-5	9.07E-4	4.39E-4
	CC6	-0.6295	-0.2236	-0.0337	-5.82E-5	9.19E-4	4.61E-4
	CC7	-0.6117	-1.2088	-0.0697	-2.23E-4	9.21E-4	5.17E-4
	CC8	-0.6187	-1.2517	-0.0719	-2.31E-4	9.33E-4	5.39E-4
	CC9	0.1785	1.9854	-0.0627	3.75E-4	-3.03E-4	-3.09E-4
	CC10	0.1572	1.8552	-0.0693	3.50E-4	-2.68E-4	-2.41E-4
	CC11	-0.1937	1.5594	-0.0267	2.76E-4	2.42E-4	-1.62E-5
	CC12	-0.2150	1.4292	-0.0334	2.51E-4	2.78E-4	5.21E-5
	CC13	0.2145	-1.4416	-0.1899	-2.00E-4	-2.55E-4	-5.03E-5
	CC14	0.1932	-1.5719	-0.1966	-2.25E-4	-2.20E-4	1.80E-5
	CC15	-0.1577	-1.8676	-0.1539	-3.00E-4	2.90E-4	2.43E-4
	CC16	-0.1790	-1.9978	-0.1606	-3.25E-4	3.26E-4	3.11E-4
<b>785</b>	CC1	0.5979	1.2373	-0.1772	-9.06E-5	-8.57E-4	-5.34E-4
	CC2	0.5931	1.1945	-0.1769	-9.72E-5	-8.51E-4	-5.11E-4
	CC3	0.6144	0.2113	-0.1690	-2.69E-4	-8.88E-4	-4.65E-4
	CC4	0.6096	0.1684	-0.1687	-2.75E-4	-8.83E-4	-4.42E-4
	CC5	-0.6087	-0.1805	-0.0521	2.49E-4	8.99E-4	4.48E-4
	CC6	-0.6135	-0.2233	-0.0517	2.43E-4	9.05E-4	4.71E-4
	CC7	-0.5922	-1.2065	-0.0439	7.13E-5	8.67E-4	5.18E-4
	CC8	-0.5970	-1.2494	-0.0435	6.48E-5	8.73E-4	5.41E-4
	CC9	0.1612	1.9818	-0.1433	2.43E-4	-2.11E-4	-2.95E-4
	CC10	0.1467	1.8517	-0.1422	2.23E-4	-1.94E-4	-2.26E-4
	CC11	-0.2008	1.5564	-0.1058	3.45E-4	3.16E-4	-3.99E-7
	CC12	-0.2153	1.4264	-0.1047	3.25E-4	3.33E-4	6.90E-5
	CC13	0.2162	-1.4384	-0.1160	-3.51E-4	-3.16E-4	-6.27E-5
	CC14	0.2016	-1.5685	-0.1150	-3.71E-4	-3.00E-4	6.70E-6
	CC15	-0.1458	-1.8638	-0.0785	-2.49E-4	2.10E-4	2.32E-4
	CC16	-0.1603	-1.9938	-0.0774	-2.69E-4	2.27E-4	3.01E-4
<b>786</b>	CC1	0.6720	1.4032	-0.1802	6.43E-5	-8.46E-4	-6.11E-4
	CC2	0.6668	1.3548	-0.1800	6.29E-5	-8.43E-4	-5.85E-4
	CC3	0.6921	0.2403	-0.1709	2.98E-5	-9.39E-4	-5.25E-4
	CC4	0.6868	0.1920	-0.1706	2.84E-5	-9.36E-4	-4.99E-4
	CC5	-0.6871	-0.2060	-0.0515	-2.29E-5	9.46E-4	5.05E-4
	CC6	-0.6923	-0.2543	-0.0513	-2.42E-5	9.49E-4	5.31E-4
	CC7	-0.6670	-1.3688	-0.0422	-5.73E-5	8.53E-4	5.91E-4
	CC8	-0.6723	-1.4172	-0.0419	-5.87E-5	8.56E-4	6.17E-4
	CC9	0.1783	2.2458	-0.1462	7.54E-5	-1.13E-4	-3.47E-4
	CC10	0.1624	2.0991	-0.1455	7.12E-5	-1.04E-4	-2.68E-4

	CC11	-0.2294	1.7630	-0.1076	4.93E-5	4.25E-4	-1.24E-5
	CC12	-0.2454	1.6164	-0.1069	4.50E-5	4.34E-4	6.72E-5
	CC13	0.2451	-1.6304	-0.1152	-3.95E-5	-4.24E-4	-6.09E-5
	CC14	0.2292	-1.7770	-0.1145	-4.37E-5	-4.15E-4	1.88E-5
	CC15	-0.1626	-2.1131	-0.0766	-6.56E-5	1.14E-4	2.74E-4
	CC16	-0.1786	-2.2598	-0.0759	-6.98E-5	1.22E-4	3.54E-4
<b>787</b>	CC1	0.7434	1.5624	-0.1858	2.07E-4	-7.66E-4	-6.80E-4
	CC2	0.7378	1.5089	-0.1852	2.07E-4	-7.64E-4	-6.51E-4
	CC3	0.7673	0.2666	-0.1718	3.44E-4	-8.45E-4	-5.84E-4
	CC4	0.7616	0.2130	-0.1712	3.44E-4	-8.43E-4	-5.55E-4
	CC5	-0.7631	-0.2288	-0.0518	-3.17E-4	8.60E-4	5.61E-4
	CC6	-0.7687	-0.2824	-0.0512	-3.17E-4	8.62E-4	5.91E-4
	CC7	-0.7392	-1.5247	-0.0378	-1.80E-4	7.81E-4	6.57E-4
	CC8	-0.7449	-1.5783	-0.0372	-1.80E-4	7.83E-4	6.87E-4
	CC9	0.1940	2.5018	-0.1559	-1.37E-4	-1.06E-4	-3.87E-4
	CC10	0.1769	2.3393	-0.1541	-1.36E-4	-9.96E-5	-2.99E-4
	CC11	-0.2579	1.9645	-0.1157	-2.94E-4	3.82E-4	-1.50E-5
	CC12	-0.2750	1.8019	-0.1138	-2.93E-4	3.88E-4	7.39E-5
	CC13	0.2735	-1.8177	-0.1092	3.20E-4	-3.71E-4	-6.74E-5
	CC14	0.2564	-1.9803	-0.1073	3.21E-4	-3.65E-4	2.14E-5
	CC15	-0.1784	-2.3551	-0.0689	1.63E-4	1.17E-4	3.05E-4
	CC16	-0.1955	-2.5177	-0.0671	1.64E-4	1.23E-4	3.94E-4
<b>788</b>	CC1	0.6456	1.2910	-0.1715	1.88E-3	-2.29E-4	-6.13E-4
	CC2	0.6363	1.2460	-0.1791	1.82E-3	-2.21E-4	-5.88E-4
	CC3	0.6428	0.2521	-0.3694	3.73E-4	-4.11E-5	-4.83E-4
	CC4	0.6335	0.2071	-0.3770	3.13E-4	-3.38E-5	-4.58E-4
	CC5	-0.6333	-0.2194	0.1541	-3.32E-4	3.44E-5	4.45E-4
	CC6	-0.6426	-0.2645	0.1465	-3.92E-4	4.17E-5	4.70E-4
	CC7	-0.6361	-1.2583	-0.0438	-1.84E-3	2.22E-4	5.75E-4
	CC8	-0.6454	-1.3034	-0.0514	-1.90E-3	2.29E-4	6.00E-4
	CC9	0.2108	2.0203	0.1812	2.92E-3	-3.63E-4	-4.19E-4
	CC10	0.1824	1.8836	0.1580	2.74E-3	-3.41E-4	-3.44E-4
	CC11	-0.1729	1.5671	0.2788	2.26E-3	-2.84E-4	-1.02E-4
	CC12	-0.2012	1.4304	0.2557	2.07E-3	-2.62E-4	-2.67E-5
	CC13	0.2014	-1.4428	-0.4786	-2.09E-3	2.62E-4	1.41E-5
	CC14	0.1731	-1.5795	-0.5017	-2.28E-3	2.85E-4	8.95E-5
	CC15	-0.1822	-1.8959	-0.3809	-2.75E-3	3.41E-4	3.31E-4
	CC16	-0.2106	-2.0326	-0.4040	-2.94E-3	3.63E-4	4.07E-4
<b>789</b>	CC1	0.7227	1.4547	-0.1732	1.96E-3	-2.30E-4	-5.09E-4
	CC2	0.7121	1.4042	-0.1809	1.90E-3	-2.23E-4	-4.86E-4
	CC3	0.7214	0.2855	-0.3721	3.74E-4	-3.53E-5	-5.05E-4
	CC4	0.7109	0.2351	-0.3797	3.11E-4	-2.80E-5	-4.83E-4
	CC5	-0.7120	-0.2486	0.1555	-3.23E-4	2.80E-5	4.80E-4
	CC6	-0.7226	-0.2991	0.1478	-3.87E-4	3.54E-5	5.02E-4
	CC7	-0.7132	-1.4177	-0.0434	-1.91E-3	2.23E-4	4.83E-4
	CC8	-0.7238	-1.4682	-0.0510	-1.97E-3	2.30E-4	5.05E-4
	CC9	0.2327	2.2739	0.1816	3.08E-3	-3.75E-4	-1.89E-4
	CC10	0.2007	2.1207	0.1584	2.88E-3	-3.52E-4	-1.22E-4
	CC11	-0.1978	1.7629	0.2802	2.39E-3	-2.97E-4	1.07E-4
	CC12	-0.2297	1.6097	0.2570	2.20E-3	-2.75E-4	1.74E-4
	CC13	0.2286	-1.6233	-0.4812	-2.21E-3	2.75E-4	-1.77E-4
	CC14	0.1966	-1.7765	-0.5045	-2.40E-3	2.97E-4	-1.10E-4
	CC15	-0.2018	-2.1343	-0.3826	-2.90E-3	3.52E-4	1.19E-4
	CC16	-0.2338	-2.2874	-0.4058	-3.09E-3	3.75E-4	1.86E-4
<b>790</b>	CC1	0.7992	1.6163	-0.1744	1.78E-3	-1.85E-4	-4.55E-4
	CC2	0.7876	1.5604	-0.1821	1.72E-3	-1.79E-4	-4.34E-4
	CC3	0.7973	0.3170	-0.3725	3.55E-4	-3.27E-5	-5.45E-4
	CC4	0.7857	0.2612	-0.3801	2.96E-4	-2.68E-5	-5.23E-4
	CC5	-0.7881	-0.2761	0.1550	-3.18E-4	2.85E-5	5.30E-4
	CC6	-0.7997	-0.3319	0.1473	-3.77E-4	3.45E-5	5.52E-4
	CC7	-0.7900	-1.5753	-0.0431	-1.75E-3	1.81E-4	4.41E-4
	CC8	-0.8016	-1.6312	-0.0507	-1.81E-3	1.87E-4	4.62E-4
	CC9	0.2576	2.5266	0.1797	2.77E-3	-2.94E-4	-2.73E-5
	CC10	0.2224	2.3570	0.1565	2.59E-3	-2.76E-4	3.75E-5
	CC11	-0.2186	1.9589	0.2785	2.14E-3	-2.30E-4	2.68E-4
	CC12	-0.2538	1.7893	0.2553	1.96E-3	-2.12E-4	3.33E-4
	CC13	0.2514	-1.8042	-0.4805	-1.99E-3	2.13E-4	-3.26E-4
	CC14	0.2162	-1.9737	-0.5037	-2.17E-3	2.31E-4	-2.61E-4
	CC15	-0.2248	-2.3719	-0.3816	-2.62E-3	2.77E-4	-3.04E-5
	CC16	-0.2600	-2.5414	-0.4049	-2.80E-3	2.95E-4	3.44E-5
<b>791</b>	CC1	0.5791	1.2945	-0.3535	1.85E-3	-2.03E-4	-5.90E-4
	CC2	0.5764	1.2493	-0.3473	1.79E-3	-1.96E-4	-5.65E-4

	CC3	0.6043	0.2573	-0.2172	3.61E-4	-3.67E-5	-4.83E-4
	CC4	0.6016	0.2121	-0.2110	3.01E-4	-3.02E-5	-4.58E-4
	CC5	-0.5995	-0.2238	-0.0059	-3.25E-4	3.29E-5	4.54E-4
	CC6	-0.6022	-0.2690	0.0004	-3.85E-4	3.94E-5	4.78E-4
	CC7	-0.5743	-1.2610	0.1304	-1.81E-3	1.99E-4	5.61E-4
	CC8	-0.5770	-1.3063	0.1367	-1.87E-3	2.06E-4	5.85E-4
	CC9	0.1400	2.0192	-0.3972	2.88E-3	-3.21E-4	-3.74E-4
	CC10	0.1317	1.8820	-0.3783	2.70E-3	-3.01E-4	-3.00E-4
	CC11	-0.2136	1.5637	-0.2929	2.23E-3	-2.50E-4	-6.13E-5
	CC12	-0.2219	1.4265	-0.2740	2.05E-3	-2.30E-4	1.28E-5
	CC13	0.2239	-1.4382	0.0571	-2.07E-3	2.33E-4	-1.76E-5
	CC14	0.2157	-1.5754	0.0761	-2.25E-3	2.53E-4	5.65E-5
	CC15	-0.1296	-1.8937	0.1614	-2.72E-3	3.04E-4	2.95E-4
	CC16	-0.1379	-2.0309	0.1804	-2.90E-3	3.24E-4	3.70E-4
<b>792</b>	CC1	0.6486	1.4597	-0.3550	1.97E-3	-2.08E-4	-5.18E-4
	CC2	0.6457	1.4090	-0.3488	1.90E-3	-2.01E-4	-4.95E-4
	CC3	0.6781	0.2917	-0.2195	3.61E-4	-3.19E-5	-5.09E-4
	CC4	0.6752	0.2410	-0.2133	2.98E-4	-2.52E-5	-4.86E-4
	CC5	-0.6746	-0.2549	-0.0046	-3.24E-4	2.79E-5	4.82E-4
	CC6	-0.6775	-0.3056	0.0016	-3.87E-4	3.45E-5	5.05E-4
	CC7	-0.6450	-1.4228	0.1308	-1.93E-3	2.04E-4	4.91E-4
	CC8	-0.6479	-1.4736	0.1371	-1.99E-3	2.11E-4	5.14E-4
	CC9	0.1540	2.2739	-0.3968	3.10E-3	-3.38E-4	-2.01E-4
	CC10	0.1451	2.1199	-0.3779	2.91E-3	-3.18E-4	-1.33E-4
	CC11	-0.2430	1.7595	-0.2917	2.42E-3	-2.67E-4	9.88E-5
	CC12	-0.2518	1.6055	-0.2728	2.22E-3	-2.47E-4	1.67E-4
	CC13	0.2525	-1.6194	0.0549	-2.25E-3	2.50E-4	-1.71E-4
	CC14	0.2436	-1.7734	0.0737	-2.44E-3	2.70E-4	-1.03E-4
	CC15	-0.1445	-2.1338	0.1600	-2.94E-3	3.20E-4	1.29E-4
	CC16	-0.1533	-2.2877	0.1788	-3.13E-3	3.41E-4	1.97E-4
<b>793</b>	CC1	0.7168	1.6234	-0.3547	1.77E-3	-1.63E-4	-5.00E-4
	CC2	0.7137	1.5672	-0.3485	1.71E-3	-1.58E-4	-4.77E-4
	CC3	0.7497	0.3237	-0.2196	3.32E-4	-2.41E-5	-5.60E-4
	CC4	0.7466	0.2675	-0.2134	2.73E-4	-1.88E-5	-5.37E-4
	CC5	-0.7475	-0.2833	-0.0051	-2.95E-4	2.17E-5	5.32E-4
	CC6	-0.7506	-0.3395	0.0010	-3.53E-4	2.69E-5	5.55E-4
	CC7	-0.7147	-1.5830	0.1299	-1.73E-3	1.61E-4	4.72E-4
	CC8	-0.7177	-1.6392	0.1361	-1.79E-3	1.66E-4	4.95E-4
	CC9	0.1690	2.5295	-0.3962	2.78E-3	-2.66E-4	-9.29E-5
	CC10	0.1598	2.3590	-0.3774	2.61E-3	-2.50E-4	-2.38E-5
	CC11	-0.2703	1.9575	-0.2913	2.17E-3	-2.11E-4	2.17E-4
	CC12	-0.2795	1.7869	-0.2726	1.99E-3	-1.95E-4	2.86E-4
	CC13	0.2786	-1.8028	0.0540	-2.01E-3	1.98E-4	-2.91E-4
	CC14	0.2693	-1.9733	0.0727	-2.19E-3	2.13E-4	-2.22E-4
	CC15	-0.1607	-2.3748	0.1588	-2.63E-3	2.53E-4	1.88E-5
	CC16	-0.1700	-2.5453	0.1776	-2.81E-3	2.69E-4	8.79E-5
<b>794</b>	CC1	0.6315	0.2865	-0.0911	2.93E-4	1.44E-28	-6.90E-4
	CC2	0.6379	0.2858	-0.0907	2.96E-4	1.44E-28	-6.61E-4
	CC3	0.7075	-0.8073	0.1139	-9.35E-4	9.05E-29	-5.29E-4
	CC4	0.7140	-0.8079	0.1143	-9.32E-4	9.05E-29	-4.99E-4
	CC5	-0.7042	0.7725	-0.2966	8.71E-4	-9.05E-29	5.15E-4
	CC6	-0.6977	0.7719	-0.2963	8.74E-4	-9.05E-29	5.44E-4
	CC7	-0.6281	-0.3213	-0.0917	-3.57E-4	-1.44E-28	6.77E-4
	CC8	-0.6217	-0.3219	-0.0913	-3.54E-4	-1.44E-28	7.06E-4
	CC9	0.0687	1.7333	-0.4025	1.93E-3	1.24E-28	-4.87E-4
	CC10	0.0883	1.7314	-0.4013	1.93E-3	1.24E-28	-3.98E-4
	CC11	-0.3320	1.8791	-0.4642	2.10E-3	5.39E-29	-1.25E-4
	CC12	-0.3124	1.8772	-0.4630	2.11E-3	5.39E-29	-3.66E-5
	CC13	0.3222	-1.9126	0.2806	-2.17E-3	-5.39E-29	5.25E-5
	CC14	0.3418	-1.9146	0.2818	-2.16E-3	-5.39E-29	1.41E-4
	CC15	-0.0785	-1.7668	0.2190	-1.99E-3	-1.24E-28	4.14E-4
	CC16	-0.0589	-1.7687	0.2201	-1.99E-3	-1.24E-28	5.02E-4
<b>795</b>	CC1	0.5618	0.2609	-0.0816	2.92E-4	9.54E-29	-6.38E-4
	CC2	0.5674	0.2600	-0.0811	2.95E-4	9.54E-29	-6.11E-4
	CC3	0.6376	-0.7253	0.1143	-9.84E-4	5.99E-29	-4.48E-4
	CC4	0.6432	-0.7262	0.1148	-9.81E-4	5.99E-29	-4.22E-4
	CC5	-0.6360	0.6962	-0.2966	9.18E-4	-5.99E-29	4.34E-4
	CC6	-0.6304	0.6953	-0.2961	9.22E-4	-5.99E-29	4.61E-4
	CC7	-0.5602	-0.2900	-0.1007	-3.58E-4	-9.54E-29	6.24E-4
	CC8	-0.5546	-0.2909	-0.1002	-3.54E-4	-9.54E-29	6.51E-4
	CC9	0.0484	1.5647	-0.3859	2.00E-3	8.25E-29	-5.11E-4
	CC10	0.0655	1.5620	-0.3843	2.01E-3	8.25E-29	-4.30E-4

	CC11	-0.3109	1.6953	-0.4504	2.18E-3	3.59E-29	-1.90E-4
	CC12	-0.2938	1.6926	-0.4488	2.19E-3	3.59E-29	-1.09E-4
	CC13	0.3010	-1.7226	0.2670	-2.26E-3	-3.59E-29	1.21E-4
	CC14	0.3181	-1.7253	0.2686	-2.25E-3	-3.59E-29	2.02E-4
	CC15	-0.0583	-1.5920	0.2025	-2.07E-3	-8.25E-29	4.43E-4
	CC16	-0.0412	-1.5947	0.2041	-2.06E-3	-8.25E-29	5.24E-4
<b>796</b>	CC1	0.5020	0.2361	-0.0653	3.07E-4	3.05E-28	-5.76E-4
	CC2	0.5069	0.2349	-0.0645	3.10E-4	3.05E-28	-5.52E-4
	CC3	0.5695	-0.6396	0.1160	-1.05E-3	1.92E-28	-4.25E-4
	CC4	0.5744	-0.6407	0.1169	-1.05E-3	1.92E-28	-4.01E-4
	CC5	-0.5695	0.6163	-0.2980	9.88E-4	-1.92E-28	4.09E-4
	CC6	-0.5645	0.6151	-0.2971	9.90E-4	-1.92E-28	4.33E-4
	CC7	-0.5019	-0.2594	-0.1166	-3.72E-4	-3.05E-28	5.60E-4
	CC8	-0.4970	-0.2605	-0.1158	-3.69E-4	-3.05E-28	5.84E-4
	CC9	0.0432	1.3919	-0.3592	2.13E-3	2.64E-28	-4.31E-4
	CC10	0.0581	1.3884	-0.3567	2.14E-3	2.64E-28	-3.58E-4
	CC11	-0.2783	1.5059	-0.4290	2.33E-3	1.15E-28	-1.36E-4
	CC12	-0.2633	1.5025	-0.4265	2.34E-3	1.15E-28	-6.29E-5
	CC13	0.2683	-1.5270	0.2454	-2.40E-3	-1.15E-28	7.10E-5
	CC14	0.2832	-1.5304	0.2479	-2.39E-3	-1.15E-28	1.44E-4
	CC15	-0.0532	-1.4129	0.1756	-2.20E-3	-2.64E-28	3.66E-4
	CC16	-0.0382	-1.4163	0.1781	-2.19E-3	-2.64E-28	4.40E-4
<b>797</b>	CC1	0.5089	0.3034	0.0135	4.55E-4	1.40E-29	-5.15E-4
	CC2	0.5139	0.2995	0.0156	4.53E-4	1.40E-29	-4.93E-4
	CC3	0.5666	-0.5818	0.1084	-9.68E-4	8.86E-3	-5.05E-4
	CC4	0.5716	-0.5857	0.1105	-9.70E-4	8.86E-3	-4.83E-4
	CC5	-0.5662	0.5628	-0.2934	9.24E-4	-8.86E-3	4.87E-4
	CC6	-0.5612	0.5589	-0.2913	9.22E-4	-8.86E-3	5.09E-4
	CC7	-0.5085	-0.3224	-0.1985	-4.99E-4	-1.40E-29	4.97E-4
	CC8	-0.5035	-0.3263	-0.1964	-5.01E-4	-1.40E-29	5.20E-4
	CC9	0.0602	1.4309	-0.2068	2.28E-3	1.21E-29	-1.99E-4
	CC10	0.0753	1.4190	-0.2003	2.27E-3	1.21E-29	-1.31E-4
	CC11	-0.2624	1.5087	-0.2989	2.42E-3	5.19E-3	1.02E-4
	CC12	-0.2472	1.4968	-0.2924	2.42E-3	5.19E-3	1.69E-4
	CC13	0.2526	-1.5198	0.1095	-2.46E-3	-5.19E-3	-1.65E-4
	CC14	0.2677	-1.5317	0.1160	-2.47E-3	-5.19E-3	-9.70E-5
	CC15	-0.0700	-1.4420	0.0174	-2.32E-3	-1.21E-29	1.36E-4
	CC16	-0.0548	-1.4538	0.0240	-2.33E-3	-1.21E-29	2.04E-4
<b>798</b>	CC1	0.5712	0.3404	0.0308	4.62E-4	1.68E-28	-6.13E-4
	CC2	0.5770	0.3364	0.0332	4.60E-4	1.68E-28	-5.88E-4
	CC3	0.6343	-0.6634	0.1222	-9.51E-4	1.05E-28	-5.47E-4
	CC4	0.6401	-0.6674	0.1246	-9.53E-4	1.05E-28	-5.21E-4
	CC5	-0.6330	0.6407	-0.3081	9.13E-4	-1.05E-28	5.22E-4
	CC6	-0.6272	0.6366	-0.3057	9.11E-4	-1.05E-28	5.47E-4
	CC7	-0.5698	-0.3631	-0.2167	-5.00E-4	-1.68E-28	5.88E-4
	CC8	-0.5641	-0.3671	-0.2143	-5.02E-4	-1.68E-28	6.14E-4
	CC9	0.0703	1.6207	-0.1969	2.27E-3	1.45E-28	-3.20E-4
	CC10	0.0877	1.6085	-0.1896	2.26E-3	1.45E-28	-2.42E-4
	CC11	-0.2910	1.7108	-0.2986	2.41E-3	6.34E-29	2.06E-5
	CC12	-0.2736	1.6985	-0.2912	2.40E-3	6.34E-29	9.88E-5
	CC13	0.2807	-1.7253	0.1077	-2.44E-3	-6.34E-29	-9.83E-5
	CC14	0.2981	-1.7375	0.1151	-2.45E-3	-6.34E-29	-2.00E-5
	CC15	-0.0806	-1.6352	0.0061	-2.30E-3	-1.45E-28	2.42E-4
	CC16	-0.0631	-1.6474	0.0134	-2.31E-3	-1.45E-28	3.21E-4
<b>799</b>	CC1	0.6373	0.3759	0.0400	3.61E-4	1.35E-28	-7.06E-4
	CC2	0.6439	0.3718	0.0426	3.60E-4	1.35E-28	-6.77E-4
	CC3	0.7053	-0.7403	0.1295	-8.34E-4	8.47E-29	-5.76E-4
	CC4	0.7118	-0.7445	0.1321	-8.35E-4	8.47E-29	-5.47E-4
	CC5	-0.7028	0.7130	-0.3160	7.67E-4	-8.47E-29	5.46E-4
	CC6	-0.6962	0.7088	-0.3135	7.66E-4	-8.47E-29	5.75E-4
	CC7	-0.6348	-0.4033	-0.2265	-4.28E-4	-1.35E-28	6.76E-4
	CC8	-0.6283	-0.4074	-0.2240	-4.29E-4	-1.35E-28	7.05E-4
	CC9	0.0824	1.8004	-0.1916	1.90E-3	1.16E-28	-4.48E-4
	CC10	0.1022	1.7878	-0.1838	1.89E-3	1.16E-28	-3.60E-4
	CC11	-0.3197	1.9015	-0.2984	2.02E-3	5.02E-29	-7.23E-5
	CC12	-0.2998	1.8890	-0.2906	2.02E-3	5.02E-29	1.57E-5
	CC13	0.3089	-1.9204	0.1067	-2.08E-3	-5.02E-29	-1.65E-5
	CC14	0.3287	-1.9330	0.1145	-2.09E-3	-5.02E-29	7.15E-5
	CC15	-0.0932	-1.8193	-0.0001	-1.96E-3	-1.16E-28	3.59E-4
	CC16	-0.0733	-1.8319	0.0077	-1.97E-3	-1.16E-28	4.47E-4
<b>800</b>	CC1	0.5006	0.2033	-0.0316	2.71E-4	4.52E-29	-5.76E-4
	CC2	0.5055	0.2036	-0.0303	2.75E-4	4.52E-29	-5.52E-4



	CC3	0.5695	-0.6634	0.1605	-1.04E-3	2.84E-29	-4.11E-4
	CC4	0.5744	-0.6631	0.1617	-1.04E-3	2.84E-29	-3.87E-4
	CC5	-0.5694	0.6391	-0.3415	9.78E-4	-2.84E-29	3.95E-4
	CC6	-0.5645	0.6394	-0.3403	9.82E-4	-2.84E-29	4.19E-4
	CC7	-0.5006	-0.2276	-0.1494	-3.33E-4	-4.52E-29	5.61E-4
	CC8	-0.4957	-0.2273	-0.1482	-3.29E-4	-4.52E-29	5.85E-4
	CC9	0.0408	1.3668	-0.3653	2.04E-3	3.90E-29	-4.54E-4
	CC10	0.0557	1.3676	-0.3616	2.06E-3	3.90E-29	-3.81E-4
	CC11	-0.2802	1.4975	-0.4583	2.26E-3	1.69E-29	-1.62E-4
	CC12	-0.2653	1.4983	-0.4546	2.27E-3	1.69E-29	-8.92E-5
	CC13	0.2702	-1.5223	0.2748	-2.33E-3	-1.69E-29	9.78E-5
	CC14	0.2851	-1.5215	0.2785	-2.31E-3	-1.69E-29	1.71E-4
	CC15	-0.0508	-1.3915	0.1819	-2.11E-3	-3.90E-29	3.89E-4
	CC16	-0.0359	-1.3908	0.1855	-2.10E-3	-3.90E-29	4.62E-4
801	CC1	0.5607	0.2248	-0.0412	2.63E-4	1.62E-28	-6.33E-4
	CC2	0.5663	0.2254	-0.0402	2.68E-4	1.62E-28	-6.06E-4
	CC3	0.6374	-0.7505	0.1593	-1.02E-3	1.01E-28	-4.44E-4
	CC4	0.6431	-0.7498	0.1603	-1.02E-3	1.01E-28	-4.18E-4
	CC5	-0.6359	0.7206	-0.3405	9.56E-4	-1.01E-28	4.31E-4
	CC6	-0.6303	0.7212	-0.3395	9.60E-4	-1.01E-28	4.57E-4
	CC7	-0.5592	-0.2546	-0.1401	-3.28E-4	-1.62E-28	6.20E-4
	CC8	-0.5535	-0.2540	-0.1391	-3.24E-4	-1.62E-28	6.46E-4
	CC9	0.0466	1.5354	-0.3809	2.00E-3	1.40E-28	-5.07E-4
	CC10	0.0637	1.5374	-0.3778	2.01E-3	1.40E-28	-4.27E-4
	CC11	-0.3123	1.6842	-0.4707	2.21E-3	6.14E-29	-1.88E-4
	CC12	-0.2953	1.6861	-0.4676	2.22E-3	6.14E-29	-1.08E-4
	CC13	0.3024	-1.7154	0.2874	-2.28E-3	-6.14E-29	1.21E-4
	CC14	0.3195	-1.7134	0.2905	-2.27E-3	-6.14E-29	2.02E-4
	CC15	-0.0566	-1.5666	0.1976	-2.07E-3	-1.40E-28	4.40E-4
	CC16	-0.0395	-1.5647	0.2006	-2.06E-3	-1.40E-28	5.21E-4
802	CC1	0.6310	0.2471	-0.0467	2.62E-4	2.34E-28	-6.88E-4
	CC2	0.6374	0.2481	-0.0458	2.67E-4	2.34E-28	-6.59E-4
	CC3	0.7075	-0.8375	0.1586	-9.86E-4	1.48E-28	-5.25E-4
	CC4	0.7139	-0.8365	0.1595	-9.82E-4	1.48E-28	-4.96E-4
	CC5	-0.7042	0.8020	-0.3401	9.23E-4	-1.48E-28	5.12E-4
	CC6	-0.6977	0.8030	-0.3392	9.27E-4	-1.48E-28	5.41E-4
	CC7	-0.6277	-0.2826	-0.1348	-3.26E-4	-2.34E-28	6.75E-4
	CC8	-0.6212	-0.2816	-0.1339	-3.21E-4	-2.34E-28	7.04E-4
	CC9	0.0679	1.7056	-0.3898	1.95E-3	2.01E-28	-4.87E-4
	CC10	0.0875	1.7087	-0.3871	1.96E-3	2.01E-28	-3.99E-4
	CC11	-0.3327	1.8720	-0.4778	2.14E-3	8.64E-29	-1.27E-4
	CC12	-0.3131	1.8752	-0.4751	2.16E-3	8.64E-29	-3.92E-5
	CC13	0.3228	-1.9097	0.2945	-2.22E-3	-8.64E-29	5.54E-5
	CC14	0.3424	-1.9065	0.2972	-2.20E-3	-8.64E-29	1.43E-4
	CC15	-0.0777	-1.7432	0.2065	-2.02E-3	-2.01E-28	4.15E-4
	CC16	-0.0581	-1.7401	0.2092	-2.00E-3	-2.01E-28	5.04E-4
803	CC1	0.5077	0.3336	-0.0236	4.87E-4	5.37E-29	-5.07E-4
	CC2	0.5126	0.3284	-0.0219	4.83E-4	5.37E-29	-4.85E-4
	CC3	0.5655	-0.5516	0.0657	-9.21E-4	3.37E-29	-5.16E-4
	CC4	0.5705	-0.5569	0.0675	-9.25E-4	3.37E-29	-4.94E-4
	CC5	-0.5651	0.5336	-0.2516	8.75E-4	-3.37E-29	5.00E-4
	CC6	-0.5601	0.5283	-0.2499	8.71E-4	-3.37E-29	5.22E-4
	CC7	-0.5072	-0.3517	-0.1622	-5.33E-4	-5.37E-29	4.91E-4
	CC8	-0.5023	-0.3569	-0.1605	-5.37E-4	-5.37E-29	5.13E-4
	CC9	0.0597	1.4417	-0.2094	2.27E-3	4.65E-29	-1.67E-4
	CC10	0.0748	1.4258	-0.2041	2.26E-3	4.65E-29	-9.89E-5
	CC11	-0.2622	1.5017	-0.2778	2.39E-3	2.03E-29	1.35E-4
	CC12	-0.2471	1.4858	-0.2725	2.38E-3	2.03E-29	2.03E-4
	CC13	0.2525	-1.5091	0.0884	-2.43E-3	-2.03E-29	-1.97E-4
	CC14	0.2676	-1.5250	0.0937	-2.44E-3	-2.03E-29	-1.29E-4
	CC15	-0.0693	-1.4491	0.0200	-2.31E-3	-4.65E-29	1.05E-4
	CC16	-0.0543	-1.4650	0.0253	-2.32E-3	-4.65E-29	1.73E-4
804	CC1	0.5703	0.3770	-0.0109	5.36E-4	2.04E-28	-6.23E-4
	CC2	0.5760	0.3714	-0.0090	5.33E-4	2.04E-28	-5.97E-4
	CC3	0.6336	-0.6312	0.0763	-9.51E-4	1.29E-28	-5.40E-4
	CC4	0.6393	-0.6368	0.0783	-9.55E-4	1.29E-28	-5.14E-4
	CC5	-0.6322	0.6101	-0.2630	9.24E-4	-1.29E-28	5.13E-4
	CC6	-0.6264	0.6045	-0.2611	9.20E-4	-1.29E-28	5.39E-4
	CC7	-0.5689	-0.3981	-0.1758	-5.63E-4	-2.04E-28	5.96E-4
	CC8	-0.5631	-0.4037	-0.1739	-5.67E-4	-2.04E-28	6.22E-4
	CC9	0.0698	1.6405	-0.2029	2.41E-3	1.76E-28	-3.49E-4
	CC10	0.0872	1.6236	-0.1970	2.40E-3	1.76E-28	-2.70E-4

	CC11	-0.2910	1.7104	-0.2786	2.53E-3	7.63E-29	-7.71E-6
	CC12	-0.2736	1.6935	-0.2727	2.52E-3	7.63E-29	7.13E-5
	CC13	0.2808	-1.7202	0.0879	-2.55E-3	-7.63E-29	-7.18E-5
	CC14	0.2981	-1.7371	0.0938	-2.56E-3	-7.63E-29	7.20E-6
	CC15	-0.0800	-1.6503	0.0123	-2.43E-3	-1.76E-28	2.69E-4
	CC16	-0.0626	-1.6672	0.0182	-2.44E-3	-1.76E-28	3.48E-4
805	CC1	0.6368	0.4181	-0.0036	3.85E-4	1.60E-28	-7.17E-4
	CC2	0.6434	0.4122	-0.0016	3.82E-4	1.60E-28	-6.88E-4
	CC3	0.7049	-0.7066	0.0824	-8.00E-4	1.01E-28	-5.67E-4
	CC4	0.7114	-0.7125	0.0845	-8.03E-4	1.01E-28	-5.38E-4
	CC5	-0.7024	0.6813	-0.2698	7.27E-4	-1.01E-28	5.31E-4
	CC6	-0.6958	0.6754	-0.2677	7.24E-4	-1.01E-28	5.60E-4
	CC7	-0.6343	-0.4434	-0.1837	-4.58E-4	-1.60E-28	6.81E-4
	CC8	-0.6277	-0.4493	-0.1817	-4.61E-4	-1.60E-28	7.10E-4
	CC9	0.0820	1.8283	-0.1993	1.89E-3	1.39E-28	-4.85E-4
	CC10	0.1019	1.8105	-0.1930	1.88E-3	1.39E-28	-3.97E-4
	CC11	-0.3197	1.9073	-0.2791	1.99E-3	6.05E-29	-1.11E-4
	CC12	-0.2999	1.8895	-0.2728	1.98E-3	6.05E-29	-2.25E-5
	CC13	0.3090	-1.9207	0.0875	-2.06E-3	-6.05E-29	1.55E-5
	CC14	0.3288	-1.9385	0.0938	-2.07E-3	-6.05E-29	1.04E-4
	CC15	-0.0928	-1.8417	0.0077	-1.96E-3	-1.39E-28	3.90E-4
	CC16	-0.0729	-1.8595	0.0140	-1.97E-3	-1.39E-28	4.78E-4
806	CC1	0.6267	-1.1378	0.0249	1.17E-28	-9.09E-4	-5.35E-4
	CC2	0.6194	-1.0811	0.0266	1.17E-28	-9.00E-4	-5.14E-4
	CC3	0.6348	-1.7805	-0.0079	7.35E-29	-9.22E-4	-4.31E-4
	CC4	0.6275	-1.7239	-0.0062	7.35E-29	-9.13E-4	-4.09E-4
	CC5	-0.6227	1.7064	-0.1738	-7.35E-29	8.75E-4	4.04E-4
	CC6	-0.6300	1.7630	-0.1722	-7.35E-29	8.84E-4	4.25E-4
	CC7	-0.6145	1.0636	-0.2066	-1.17E-28	8.62E-4	5.08E-4
	CC8	-0.6218	1.1203	-0.2050	-1.17E-28	8.70E-4	5.30E-4
	CC9	0.1873	0.5499	-0.0080	1.01E-28	-2.77E-4	-3.51E-4
	CC10	0.1652	0.7219	-0.0031	1.01E-28	-2.51E-4	-2.84E-4
	CC11	-0.1875	1.4032	-0.0677	4.40E-29	2.58E-4	-6.88E-5
	CC12	-0.2096	1.5751	-0.0627	4.40E-29	2.84E-4	-2.55E-6
	CC13	0.2145	-1.5926	-0.1174	-4.40E-29	-3.22E-4	-3.37E-6
	CC14	0.1924	-1.4207	-0.1124	-4.40E-29	-2.96E-4	6.29E-5
	CC15	-0.1603	-0.7394	-0.1770	-1.01E-28	2.13E-4	2.78E-4
	CC16	-0.1824	-0.5674	-0.1720	-1.01E-28	2.39E-4	3.45E-4
807	CC1	0.6055	-1.1377	0.0558	1.02E-28	-8.90E-4	-5.54E-4
	CC2	0.6003	-1.0810	0.0502	1.02E-28	-8.84E-4	-5.31E-4
	CC3	0.6228	-1.7805	0.1150	6.41E-29	-9.18E-4	-4.60E-4
	CC4	0.6177	-1.7238	0.1094	6.41E-29	-9.12E-4	-4.37E-4
	CC5	-0.6132	1.7064	-0.2862	-6.41E-29	8.79E-4	4.35E-4
	CC6	-0.6183	1.7630	-0.2918	-6.41E-29	8.85E-4	4.58E-4
	CC7	-0.5958	1.0636	-0.2270	-1.02E-28	8.52E-4	5.29E-4
	CC8	-0.6010	1.1203	-0.2326	-1.02E-28	8.58E-4	5.52E-4
	CC9	0.1639	0.5499	-0.1273	8.74E-29	-2.45E-4	-3.41E-4
	CC10	0.1483	0.7219	-0.1442	8.74E-29	-2.27E-4	-2.71E-4
	CC11	-0.2017	1.4031	-0.2299	3.77E-29	2.86E-4	-4.46E-5
	CC12	-0.2173	1.5751	-0.2468	3.77E-29	3.04E-4	2.53E-5
	CC13	0.2218	-1.5926	0.0700	-3.77E-29	-3.37E-4	-2.73E-5
	CC14	0.2062	-1.4206	0.0531	-3.77E-29	-3.19E-4	4.26E-5
	CC15	-0.1438	-0.7393	-0.0326	-8.74E-29	1.94E-4	2.69E-4
	CC16	-0.1594	-0.5674	-0.0495	-8.74E-29	2.12E-4	3.39E-4
808	CC1	0.7789	-1.4238	0.0259	1.30E-28	-8.67E-4	-7.10E-4
	CC2	0.7700	-1.3524	0.0276	1.30E-28	-8.58E-4	-6.81E-4
	CC3	0.7887	-2.2470	-0.0084	8.13E-29	-8.88E-4	-6.09E-4
	CC4	0.7798	-2.1755	-0.0067	8.13E-29	-8.78E-4	-5.79E-4
	CC5	-0.7680	2.1516	-0.1741	-8.13E-29	8.37E-4	5.67E-4
	CC6	-0.7770	2.2231	-0.1724	-8.13E-29	8.46E-4	5.97E-4
	CC7	-0.7582	1.3285	-0.2083	-1.30E-28	8.17E-4	6.69E-4
	CC8	-0.7671	1.3999	-0.2066	-1.30E-28	8.26E-4	6.98E-4
	CC9	0.2351	0.7152	-0.0059	1.12E-28	-2.57E-4	-4.11E-4
	CC10	0.2080	0.9320	-0.0007	1.12E-28	-2.29E-4	-3.22E-4
	CC11	-0.2290	1.7879	-0.0659	4.91E-29	2.55E-4	-2.82E-5
	CC12	-0.2561	2.0046	-0.0607	4.91E-29	2.83E-4	6.10E-5
	CC13	0.2679	-2.0285	-0.1201	-4.91E-29	-3.24E-4	-7.30E-5
	CC14	0.2408	-1.8118	-0.1149	-4.91E-29	-2.96E-4	1.61E-5
	CC15	-0.1962	-0.9559	-0.1801	-1.12E-28	1.87E-4	3.10E-4
	CC16	-0.2233	-0.7391	-0.1749	-1.12E-28	2.15E-4	3.99E-4
809	CC1	0.7034	-1.2800	0.0255	1.48E-28	-8.99E-4	-6.19E-4
	CC2	0.6953	-1.2160	0.0272	1.48E-28	-8.90E-4	-5.93E-4

	CC3	0.7123	-2.0115	-0.0082	9.33E-29	-9.24E-4	-5.12E-4
	CC4	0.7042	-1.9474	-0.0065	9.33E-29	-9.15E-4	-4.87E-4
	CC5	-0.6959	1.9268	-0.1740	-9.33E-29	8.77E-4	4.79E-4
	CC6	-0.7040	1.9908	-0.1723	-9.33E-29	8.86E-4	5.04E-4
	CC7	-0.6871	1.1953	-0.2077	-1.48E-28	8.52E-4	5.85E-4
	CC8	-0.6952	1.2594	-0.2060	-1.48E-28	8.61E-4	6.11E-4
	CC9	0.2115	0.6306	-0.0067	1.28E-28	-2.59E-4	-3.84E-4
	CC10	0.1870	0.8248	-0.0016	1.28E-28	-2.29E-4	-3.07E-4
	CC11	-0.2083	1.5926	-0.0665	5.53E-29	2.74E-4	-5.48E-5
	CC12	-0.2328	1.7869	-0.0614	5.53E-29	3.03E-4	2.20E-5
	CC13	0.2411	-1.8075	-0.1191	-5.53E-29	-3.41E-4	-3.00E-5
	CC14	0.2165	-1.6133	-0.1140	-5.53E-29	-3.12E-4	4.67E-5
	CC15	-0.1787	-0.8455	-0.1789	-1.28E-28	1.92E-4	2.99E-4
	CC16	-0.2033	-0.6512	-0.1738	-1.28E-28	2.21E-4	3.76E-4
<b>810</b>	CC1	0.6798	-1.2799	0.0564	2.38E-28	-8.60E-4	-6.20E-4
	CC2	0.6742	-1.2159	0.0508	2.38E-28	-8.55E-4	-5.95E-4
	CC3	0.6986	-2.0113	0.1162	1.50E-28	-8.85E-4	-5.17E-4
	CC4	0.6929	-1.9473	0.1106	1.50E-28	-8.79E-4	-4.91E-4
	CC5	-0.6855	1.9266	-0.2877	-1.50E-28	8.45E-4	4.83E-4
	CC6	-0.6911	1.9907	-0.2933	-1.50E-28	8.51E-4	5.09E-4
	CC7	-0.6667	1.1953	-0.2279	-2.38E-28	8.21E-4	5.87E-4
	CC8	-0.6724	1.2593	-0.2335	-2.38E-28	8.26E-4	6.12E-4
	CC9	0.1858	0.6305	-0.1282	2.06E-28	-2.41E-4	-3.81E-4
	CC10	0.1687	0.8248	-0.1452	2.06E-28	-2.24E-4	-3.03E-4
	CC11	-0.2237	1.5925	-0.2314	8.93E-29	2.71E-4	-4.95E-5
	CC12	-0.2409	1.7868	-0.2484	8.93E-29	2.88E-4	2.84E-5
	CC13	0.2483	-1.8074	0.0712	-8.93E-29	-3.22E-4	-3.64E-5
	CC14	0.2312	-1.6131	0.0543	-8.93E-29	-3.05E-4	4.15E-5
	CC15	-0.1613	-0.8454	-0.0320	-2.06E-28	1.90E-4	2.95E-4
	CC16	-0.1784	-0.6512	-0.0490	-2.06E-28	2.07E-4	3.73E-4
<b>811</b>	CC1	0.7516	-1.4237	0.0566	9.47E-29	-8.22E-4	-6.96E-4
	CC2	0.7455	-1.3523	0.0510	9.47E-29	-8.17E-4	-6.67E-4
	CC3	0.7715	-2.2468	0.1168	5.94E-29	-8.45E-4	-5.89E-4
	CC4	0.7653	-2.1753	0.1112	5.94E-29	-8.40E-4	-5.60E-4
	CC5	-0.7548	2.1515	-0.2885	-5.94E-29	8.04E-4	5.47E-4
	CC6	-0.7610	2.2229	-0.2941	-5.94E-29	8.10E-4	5.76E-4
	CC7	-0.7350	1.3284	-0.2284	-9.47E-29	7.81E-4	6.54E-4
	CC8	-0.7411	1.3998	-0.2340	-9.47E-29	7.86E-4	6.83E-4
	CC9	0.2075	0.7152	-0.1286	8.19E-29	-2.31E-4	-4.16E-4
	CC10	0.1889	0.9319	-0.1457	8.19E-29	-2.15E-4	-3.28E-4
	CC11	-0.2445	1.7877	-0.2322	3.57E-29	2.57E-4	-4.28E-5
	CC12	-0.2631	2.0045	-0.2492	3.57E-29	2.73E-4	4.49E-5
	CC13	0.2736	-2.0283	0.0719	-3.57E-29	-3.09E-4	-5.83E-5
	CC14	0.2550	-1.8116	0.0548	-3.57E-29	-2.93E-4	2.94E-5
	CC15	-0.1784	-0.9558	-0.0317	-8.19E-29	1.79E-4	3.15E-4
	CC16	-0.1970	-0.7391	-0.0487	-8.19E-29	1.95E-4	4.02E-4
<b>812</b>	CC1	0.7821	1.6635	-0.2210	4.42E-4	-7.54E-4	-7.54E-4
	CC2	0.7723	1.6055	-0.2256	4.28E-4	-7.50E-4	-7.22E-4
	CC3	0.7874	0.3675	-0.3654	1.01E-4	-8.70E-4	-6.13E-4
	CC4	0.7776	0.3095	-0.3700	8.62E-5	-8.66E-4	-5.81E-4
	CC5	-0.7797	-0.3249	0.1494	-9.30E-5	8.88E-4	5.89E-4
	CC6	-0.7895	-0.3830	0.1448	-1.08E-4	8.92E-4	6.21E-4
	CC7	-0.7744	-1.6209	0.0050	-4.34E-4	7.72E-4	7.30E-4
	CC8	-0.7842	-1.6790	0.0004	-4.49E-4	7.76E-4	7.62E-4
	CC9	0.2394	2.5386	0.0818	6.68E-4	-4.81E-5	-4.80E-4
	CC10	0.2096	2.3625	0.0679	6.24E-4	-3.48E-5	-3.85E-4
	CC11	-0.2292	1.9421	0.1929	5.07E-4	4.44E-4	-7.73E-5
	CC12	-0.2589	1.7659	0.1790	4.63E-4	4.58E-4	1.83E-5
	CC13	0.2568	-1.7814	-0.3996	-4.70E-4	-4.36E-4	-9.94E-6
	CC14	0.2271	-1.9575	-0.4135	-5.14E-4	-4.23E-4	8.56E-5
	CC15	-0.2117	-2.3779	-0.2884	-6.30E-4	5.68E-5	3.93E-4
	CC16	-0.2415	-2.5540	-0.3024	-6.75E-4	7.01E-5	4.88E-4
<b>813</b>	CC1	0.7112	1.5006	-0.2211	-5.48E-5	-7.79E-4	-6.03E-4
	CC2	0.7021	1.4481	-0.2256	-5.45E-5	-7.75E-4	-5.77E-4
	CC3	0.7132	0.3313	-0.3642	-6.52E-5	-9.28E-4	-5.34E-4
	CC4	0.7041	0.2788	-0.3687	-6.50E-5	-9.24E-4	-5.08E-4
	CC5	-0.7044	-0.2922	0.1486	6.60E-5	9.39E-4	5.18E-4
	CC6	-0.7135	-0.3448	0.1441	6.63E-5	9.43E-4	5.44E-4
	CC7	-0.7025	-1.4615	0.0055	5.55E-5	7.90E-4	5.87E-4
	CC8	-0.7116	-1.5141	0.0010	5.58E-5	7.94E-4	6.13E-4
	CC9	0.2227	2.2907	0.0798	-5.26E-7	-7.61E-6	-3.17E-4
	CC10	0.1951	2.1313	0.0661	2.46E-7	3.38E-6	-2.39E-4

	CC11	-0.2020	1.7529	0.1907	3.57E-5	5.08E-4	1.89E-5
	CC12	-0.2296	1.5934	0.1770	3.65E-5	5.19E-4	9.77E-5
	CC13	0.2292	-1.6069	-0.3971	-3.54E-5	-5.04E-4	-8.77E-5
	CC14	0.2016	-1.7664	-0.4109	-3.47E-5	-4.93E-4	-8.90E-6
	CC15	-0.1955	-2.1448	-0.2862	7.87E-7	1.13E-5	2.49E-4
	CC16	-0.2231	-2.3042	-0.3000	1.56E-6	2.23E-5	3.27E-4
<b>814</b>	CC1	0.6366	1.3380	-0.2207	1.03E-3	-8.94E-4	-4.66E-4
	CC2	0.6284	1.2910	-0.2251	9.95E-4	-8.84E-4	-4.46E-4
	CC3	0.6350	0.2945	-0.3622	2.92E-4	-9.24E-4	-4.42E-4
	CC4	0.6268	0.2474	-0.3666	2.57E-4	-9.14E-4	-4.22E-4
	CC5	-0.6259	-0.2590	0.1472	-2.58E-4	9.25E-4	4.28E-4
	CC6	-0.6341	-0.3061	0.1428	-2.92E-4	9.35E-4	4.48E-4
	CC7	-0.6275	-1.3026	0.0056	-9.96E-4	8.95E-4	4.52E-4
	CC8	-0.6357	-1.3496	0.0012	-1.03E-3	9.05E-4	4.72E-4
	CC9	0.2049	2.0443	0.0777	1.48E-3	-2.31E-4	-2.02E-4
	CC10	0.1800	1.9016	0.0643	1.37E-3	-2.01E-4	-1.40E-4
	CC11	-0.1738	1.5652	0.1881	1.09E-3	3.14E-4	6.59E-5
	CC12	-0.1987	1.4225	0.1747	9.85E-4	3.45E-4	1.28E-4
	CC13	0.1996	-1.4341	-0.3941	-9.86E-4	-3.34E-4	-1.22E-4
	CC14	0.1747	-1.5769	-0.4075	-1.09E-3	-3.03E-4	-5.96E-5
	CC15	-0.1791	-1.9132	-0.2838	-1.37E-3	2.12E-4	1.46E-4
	CC16	-0.2040	-2.0560	-0.2972	-1.48E-3	2.42E-4	2.09E-4
<b>815</b>	CC1	0.6207	1.3403	-0.2797	1.56E-3	-9.00E-4	-5.77E-4
	CC2	0.6141	1.2931	-0.2805	1.51E-3	-8.92E-4	-5.52E-4
	CC3	0.6256	0.2965	-0.3326	3.71E-4	-9.23E-4	-4.87E-4
	CC4	0.6189	0.2493	-0.3334	3.21E-4	-9.15E-4	-4.62E-4
	CC5	-0.6174	-0.2610	0.1154	-2.97E-4	9.20E-4	4.71E-4
	CC6	-0.6241	-0.3081	0.1147	-3.47E-4	9.28E-4	4.95E-4
	CC7	-0.6126	-1.3047	0.0626	-1.49E-3	8.96E-4	5.61E-4
	CC8	-0.6192	-1.3519	0.0618	-1.54E-3	9.05E-4	5.85E-4
	CC9	0.1884	2.0455	-0.0790	2.35E-3	-2.45E-4	-3.40E-4
	CC10	0.1683	1.9025	-0.0813	2.20E-3	-2.20E-4	-2.66E-4
	CC11	-0.1830	1.5652	0.0396	1.80E-3	3.01E-4	-2.52E-5
	CC12	-0.2031	1.4221	0.0373	1.64E-3	3.26E-4	4.87E-5
	CC13	0.2046	-1.4337	-0.2552	-1.62E-3	-3.21E-4	-4.00E-5
	CC14	0.1845	-1.5768	-0.2575	-1.77E-3	-2.97E-4	3.39E-5
	CC15	-0.1668	-1.9141	-0.1366	-2.18E-3	2.25E-4	2.74E-4
	CC16	-0.1869	-2.0571	-0.1389	-2.33E-3	2.49E-4	3.48E-4
<b>816</b>	CC1	0.5990	1.3438	-0.3554	1.91E-3	-8.70E-4	-6.89E-4
	CC2	0.5944	1.2966	-0.3522	1.85E-3	-8.64E-4	-6.62E-4
	CC3	0.6146	0.2986	-0.3058	4.26E-4	-9.05E-4	-4.94E-4
	CC4	0.6100	0.2513	-0.3025	3.62E-4	-8.99E-4	-4.66E-4
	CC5	-0.6078	-0.2629	0.0862	-3.84E-4	9.06E-4	4.73E-4
	CC6	-0.6124	-0.3102	0.0894	-4.48E-4	9.12E-4	5.01E-4
	CC7	-0.5922	-1.3082	0.1358	-1.87E-3	8.71E-4	6.69E-4
	CC8	-0.5968	-1.3555	0.1391	-1.93E-3	8.76E-4	6.97E-4
	CC9	0.1632	2.0491	-0.2620	2.91E-3	-2.13E-4	-5.39E-4
	CC10	0.1491	1.9056	-0.2522	2.71E-3	-1.96E-4	-4.55E-4
	CC11	-0.1988	1.5670	-0.1295	2.22E-3	3.20E-4	-1.90E-4
	CC12	-0.2129	1.4236	-0.1197	2.02E-3	3.36E-4	-1.06E-4
	CC13	0.2151	-1.4352	-0.0966	-2.05E-3	-3.30E-4	1.13E-4
	CC14	0.2010	-1.5787	-0.0868	-2.24E-3	-3.14E-4	1.97E-4
	CC15	-0.1469	-1.9172	0.0358	-2.73E-3	2.03E-4	4.62E-4
	CC16	-0.1610	-2.0607	0.0457	-2.93E-3	2.19E-4	5.46E-4
<b>817</b>	CC1	0.7604	1.6676	-0.2835	1.05E-3	-7.51E-4	-7.81E-4
	CC2	0.7529	1.6093	-0.2842	1.01E-3	-7.47E-4	-7.48E-4
	CC3	0.7760	0.3710	-0.3341	2.71E-4	-8.34E-4	-6.11E-4
	CC4	0.7685	0.3128	-0.3348	2.36E-4	-8.30E-4	-5.79E-4
	CC5	-0.7700	-0.3282	0.1161	-2.43E-4	8.53E-4	5.87E-4
	CC6	-0.7775	-0.3864	0.1154	-2.79E-4	8.57E-4	6.19E-4
	CC7	-0.7544	-1.6248	0.0655	-1.02E-3	7.70E-4	7.57E-4
	CC8	-0.7619	-1.6830	0.0648	-1.06E-3	7.75E-4	7.89E-4
	CC9	0.2141	2.5409	-0.0840	1.54E-3	-9.79E-5	-5.32E-4
	CC10	0.1914	2.3643	-0.0861	1.43E-3	-8.48E-5	-4.35E-4
	CC11	-0.2450	1.9422	0.0359	1.15E-3	3.83E-4	-1.22E-4
	CC12	-0.2678	1.7656	0.0338	1.04E-3	3.97E-4	-2.41E-5
	CC13	0.2663	-1.7810	-0.2525	-1.05E-3	-3.73E-4	3.23E-5
	CC14	0.2435	-1.9577	-0.2547	-1.16E-3	-3.60E-4	1.30E-4
	CC15	-0.1928	-2.3797	-0.1327	-1.44E-3	1.08E-4	4.43E-4
	CC16	-0.2156	-2.5564	-0.1348	-1.55E-3	1.21E-4	5.40E-4
<b>818</b>	CC1	0.6931	1.5039	-0.2814	-5.17E-5	-7.36E-4	-6.94E-4
	CC2	0.6860	1.4512	-0.2822	-5.18E-5	-7.37E-4	-6.65E-4

	CC3	0.7026	0.3342	-0.3334	-6.61E-5	-9.40E-4	-5.50E-4
	CC4	0.6955	0.2815	-0.3342	-6.62E-5	-9.41E-4	-5.21E-4
	CC5	-0.6951	-0.2950	0.1157	6.73E-5	9.58E-4	5.31E-4
	CC6	-0.7023	-0.3477	0.1150	6.73E-5	9.57E-4	5.60E-4
	CC7	-0.6856	-1.4647	0.0637	5.29E-5	7.53E-4	6.75E-4
	CC8	-0.6928	-1.5174	0.0630	5.29E-5	7.53E-4	7.04E-4
	CC9	0.2034	2.2927	-0.0810	6.77E-6	9.61E-5	-4.62E-4
	CC10	0.1818	2.1328	-0.0833	6.60E-6	9.36E-5	-3.75E-4
	CC11	-0.2131	1.7530	0.0382	4.25E-5	6.04E-4	-9.47E-5
	CC12	-0.2347	1.5931	0.0359	4.23E-5	6.02E-4	-7.31E-6
	CC13	0.2351	-1.6066	-0.2543	-4.11E-5	-5.85E-4	1.77E-5
	CC14	0.2135	-1.7665	-0.2566	-4.13E-5	-5.88E-4	1.05E-4
	CC15	-0.1814	-2.1463	-0.1352	-5.44E-6	-7.71E-5	3.85E-4
	CC16	-0.2030	-2.3062	-0.1375	-5.61E-6	-7.96E-5	4.72E-4
<b>819</b>	CC1	0.6702	1.5073	-0.3567	-5.19E-5	-7.38E-4	-6.70E-4
	CC2	0.6652	1.4545	-0.3536	-5.20E-5	-7.40E-4	-6.43E-4
	CC3	0.6912	0.3371	-0.3085	-6.55E-5	-9.32E-4	-5.27E-4
	CC4	0.6862	0.2843	-0.3054	-6.57E-5	-9.34E-4	-4.99E-4
	CC5	-0.6853	-0.2978	0.0885	6.70E-5	9.54E-4	5.03E-4
	CC6	-0.6902	-0.3507	0.0917	6.69E-5	9.51E-4	5.30E-4
	CC7	-0.6643	-1.4680	0.1367	5.34E-5	7.60E-4	6.46E-4
	CC8	-0.6693	-1.5209	0.1399	5.33E-5	7.58E-4	6.74E-4
	CC9	0.1763	2.2945	-0.2604	5.80E-6	8.24E-5	-4.55E-4
	CC10	0.1612	2.1342	-0.2507	5.33E-6	7.57E-5	-3.72E-4
	CC11	-0.2303	1.7530	-0.1268	4.15E-5	5.90E-4	-1.03E-4
	CC12	-0.2454	1.5926	-0.1172	4.10E-5	5.83E-4	-1.99E-5
	CC13	0.2463	-1.6061	-0.0997	-3.96E-5	-5.64E-4	2.33E-5
	CC14	0.2312	-1.7665	-0.0901	-4.01E-5	-5.71E-4	1.07E-4
	CC15	-0.1603	-2.1477	0.0339	-3.96E-6	-5.62E-5	3.75E-4
	CC16	-0.1754	-2.3080	0.0435	-4.44E-6	-6.30E-5	4.59E-4
<b>820</b>	CC1	0.7372	1.6731	-0.3592	1.08E-3	-7.54E-4	-7.26E-4
	CC2	0.7320	1.6146	-0.3560	1.04E-3	-7.51E-4	-6.96E-4
	CC3	0.7635	0.3753	-0.3090	2.16E-4	-8.16E-4	-5.81E-4
	CC4	0.7583	0.3168	-0.3058	1.80E-4	-8.13E-4	-5.51E-4
	CC5	-0.7594	-0.3322	0.0887	-1.85E-4	8.36E-4	5.55E-4
	CC6	-0.7646	-0.3907	0.0919	-2.21E-4	8.39E-4	5.85E-4
	CC7	-0.7331	-1.6300	0.1389	-1.04E-3	7.74E-4	7.00E-4
	CC8	-0.7383	-1.6885	0.1421	-1.08E-3	7.77E-4	7.30E-4
	CC9	0.1880	2.5448	-0.2642	1.67E-3	-1.28E-4	-4.77E-4
	CC10	0.1722	2.3674	-0.2545	1.56E-3	-1.20E-4	-3.86E-4
	CC11	-0.2610	1.9432	-0.1298	1.29E-3	3.49E-4	-9.32E-5
	CC12	-0.2767	1.7658	-0.1201	1.19E-3	3.57E-4	-1.83E-6
	CC13	0.2757	-1.7812	-0.0970	-1.19E-3	-3.34E-4	5.48E-6
	CC14	0.2599	-1.9586	-0.0873	-1.30E-3	-3.26E-4	9.68E-5
	CC15	-0.1733	-2.3828	0.0374	-1.57E-3	1.43E-4	3.90E-4
	CC16	-0.1891	-2.5602	0.0471	-1.68E-3	1.51E-4	4.81E-4

### 3.2.2 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 105.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
<b>0</b>	0.0000	0.0150	0.0000	0.0608
<b>1</b>	0.2102	0.2995	0.4759	0.6442

<b>2</b>	0.5034	0.7230	1.3192	1.7987
<b>3</b>	0.7724	1.1169	2.1014	2.8026
<b>4</b>	0.9673	1.1519	2.3176	2.8474

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;  
 $d_{rx}$  : traslazione relativa X globale del piano considerato;  
 $d_{ry}$  : traslazione relativa Y globale del piano considerato;  
 $h$  : altezza del piano considerato;  
 $d_{lim}$  : spostamento limite da normativa;  
 Esito : esito della verifica;

Tabella 105.III

Piano Reale	Impalcato	$d_{rx}$ [cm]	$d_{ry}$ [cm]	$h$ [cm]	$d_{lim}$ [cm]	Esito
<b>1</b>	0 - 1	0.2845	0.5833	346.88	1.73	Verificato
<b>2</b>	1 - 2	0.4235	1.1546	353.00	1.76	Verificato
<b>3</b>	2 - 3	0.3939	1.0039	353.00	1.76	Verificato
<b>4</b>	3 - 4	0.1949	0.2163	358.61	1.79	Verificato

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

$PGA_{SLD} = 0.4244$

$PGA_{Rif,SLD} = 0.1505$

Indicatore di rischio = 2.8205

La verifica all'SLD risulta soddisfatta.

### 3.3 Verifica Stati Limite SLO - PGA SLO = 0.4346 g.

#### 3.3.1 Cinematismi Nodali SLO.

Tabella 106.I

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
<b>1</b>	CC1	0.0000	0.0000	-0.1608	0.00E+0	0.00E+0	-3.57E-6
	CC2	0.0000	0.0000	-0.1516	0.00E+0	0.00E+0	-3.10E-6
	CC3	0.0000	0.0000	-0.2239	0.00E+0	0.00E+0	-3.52E-6
	CC4	0.0000	0.0000	-0.2148	0.00E+0	0.00E+0	-3.05E-6
	CC5	0.0000	0.0000	0.0283	0.00E+0	0.00E+0	3.13E-6
	CC6	0.0000	0.0000	0.0375	0.00E+0	0.00E+0	3.60E-6
	CC7	0.0000	0.0000	-0.0348	0.00E+0	0.00E+0	3.18E-6
	CC8	0.0000	0.0000	-0.0257	0.00E+0	0.00E+0	3.65E-6
	CC9	0.0000	0.0000	-0.0316	0.00E+0	0.00E+0	-1.82E-6
	CC10	0.0000	0.0000	-0.0012	0.00E+0	0.00E+0	-2.58E-7
	CC11	0.0000	0.0000	0.0252	0.00E+0	0.00E+0	1.86E-7
	CC12	0.0000	0.0000	0.0555	0.00E+0	0.00E+0	1.75E-6
	CC13	0.0000	0.0000	-0.2420	0.00E+0	0.00E+0	-1.67E-6
	CC14	0.0000	0.0000	-0.2116	0.00E+0	0.00E+0	-1.05E-7
	CC15	0.0000	0.0000	-0.1852	0.00E+0	0.00E+0	3.39E-7
	CC16	0.0000	0.0000	-0.1549	0.00E+0	0.00E+0	1.90E-6
<b>2</b>	CC1	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	-1.45E-6
	CC2	0.0000	0.0000	-0.0633	0.00E+0	0.00E+0	-1.25E-6
	CC3	0.0000	0.0000	-0.0516	0.00E+0	0.00E+0	-1.94E-6
	CC4	0.0000	0.0000	-0.0542	0.00E+0	0.00E+0	-1.75E-6
	CC5	0.0000	0.0000	-0.1101	0.00E+0	0.00E+0	1.75E-6
	CC6	0.0000	0.0000	-0.1127	0.00E+0	0.00E+0	1.94E-6
	CC7	0.0000	0.0000	-0.1010	0.00E+0	0.00E+0	1.26E-6
	CC8	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	1.45E-6
	CC9	0.0000	0.0000	-0.0858	0.00E+0	0.00E+0	2.27E-8
	CC10	0.0000	0.0000	-0.0942	0.00E+0	0.00E+0	6.63E-7
	CC11	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	9.82E-7

	CC12	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	1.62E-6
	CC13	0.0000	0.0000	-0.0553	0.00E+0	0.00E+0	-1.62E-6
	CC14	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	-9.79E-7
	CC15	0.0000	0.0000	-0.0701	0.00E+0	0.00E+0	-6.59E-7
	CC16	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	-1.93E-8
3	CC1	0.0000	0.0000	-0.0378	0.00E+0	0.00E+0	-1.43E-6
	CC2	0.0000	0.0000	-0.0443	0.00E+0	0.00E+0	-1.24E-6
	CC3	0.0000	0.0000	-0.0148	0.00E+0	0.00E+0	-1.91E-6
	CC4	0.0000	0.0000	-0.0212	0.00E+0	0.00E+0	-1.72E-6
	CC5	0.0000	0.0000	-0.1429	0.00E+0	0.00E+0	1.73E-6
	CC6	0.0000	0.0000	-0.1494	0.00E+0	0.00E+0	1.92E-6
	CC7	0.0000	0.0000	-0.1198	0.00E+0	0.00E+0	1.25E-6
	CC8	0.0000	0.0000	-0.1263	0.00E+0	0.00E+0	1.44E-6
	CC9	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	1.50E-8
	CC10	0.0000	0.0000	-0.1154	0.00E+0	0.00E+0	6.49E-7
	CC11	0.0000	0.0000	-0.1256	0.00E+0	0.00E+0	9.61E-7
	CC12	0.0000	0.0000	-0.1469	0.00E+0	0.00E+0	1.60E-6
	CC13	0.0000	0.0000	-0.0172	0.00E+0	0.00E+0	-1.59E-6
	CC14	0.0000	0.0000	-0.0385	0.00E+0	0.00E+0	-9.53E-7
	CC15	0.0000	0.0000	-0.0487	0.00E+0	0.00E+0	-6.41E-7
	CC16	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	-6.48E-9
4	CC1	0.0000	0.0000	-0.1038	0.00E+0	0.00E+0	1.74E-7
	CC2	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	1.49E-7
	CC3	0.0000	0.0000	-0.1219	0.00E+0	0.00E+0	1.70E-7
	CC4	0.0000	0.0000	-0.1193	0.00E+0	0.00E+0	1.45E-7
	CC5	0.0000	0.0000	-0.0449	0.00E+0	0.00E+0	-1.67E-7
	CC6	0.0000	0.0000	-0.0423	0.00E+0	0.00E+0	-1.92E-7
	CC7	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	-1.72E-7
	CC8	0.0000	0.0000	-0.0603	0.00E+0	0.00E+0	-1.96E-7
	CC9	0.0000	0.0000	-0.0651	0.00E+0	0.00E+0	8.79E-8
	CC10	0.0000	0.0000	-0.0566	0.00E+0	0.00E+0	6.29E-9
	CC11	0.0000	0.0000	-0.0475	0.00E+0	0.00E+0	-1.45E-8
	CC12	0.0000	0.0000	-0.0389	0.00E+0	0.00E+0	-9.61E-8
	CC13	0.0000	0.0000	-0.1252	0.00E+0	0.00E+0	7.38E-8
	CC14	0.0000	0.0000	-0.1167	0.00E+0	0.00E+0	-7.77E-9
	CC15	0.0000	0.0000	-0.1076	0.00E+0	0.00E+0	-2.86E-8
	CC16	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	-1.10E-7
5	CC1	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	-1.22E-7
	CC2	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	-1.06E-7
	CC3	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	-8.35E-8
	CC4	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	-6.80E-8
	CC5	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	7.51E-8
	CC6	0.0000	0.0000	-0.0730	0.00E+0	0.00E+0	9.05E-8
	CC7	0.0000	0.0000	-0.0693	0.00E+0	0.00E+0	1.13E-7
	CC8	0.0000	0.0000	-0.0689	0.00E+0	0.00E+0	1.29E-7
	CC9	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	-1.15E-7
	CC10	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-6.39E-8
	CC11	0.0000	0.0000	-0.0839	0.00E+0	0.00E+0	-5.60E-8
	CC12	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	-4.91E-9
	CC13	0.0000	0.0000	-0.0753	0.00E+0	0.00E+0	1.19E-8
	CC14	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	6.31E-8
	CC15	0.0000	0.0000	-0.0705	0.00E+0	0.00E+0	7.09E-8
	CC16	0.0000	0.0000	-0.0694	0.00E+0	0.00E+0	1.22E-7
6	CC1	0.0000	0.0000	-0.0663	0.00E+0	0.00E+0	-1.11E-7
	CC2	0.0000	0.0000	-0.0680	0.00E+0	0.00E+0	-9.83E-8
	CC3	0.0000	0.0000	-0.0568	0.00E+0	0.00E+0	-4.22E-8
	CC4	0.0000	0.0000	-0.0584	0.00E+0	0.00E+0	-2.94E-8
	CC5	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	3.56E-8
	CC6	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	4.84E-8
	CC7	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	1.05E-7
	CC8	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	1.17E-7
	CC9	0.0000	0.0000	-0.0871	0.00E+0	0.00E+0	-1.55E-7
	CC10	0.0000	0.0000	-0.0927	0.00E+0	0.00E+0	-1.13E-7
	CC11	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	-1.11E-7
	CC12	0.0000	0.0000	-0.1026	0.00E+0	0.00E+0	-6.86E-8
	CC13	0.0000	0.0000	-0.0553	0.00E+0	0.00E+0	7.49E-8
	CC14	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	1.17E-7
	CC15	0.0000	0.0000	-0.0652	0.00E+0	0.00E+0	1.19E-7
	CC16	0.0000	0.0000	-0.0707	0.00E+0	0.00E+0	1.61E-7
7	CC1	0.0000	0.0000	-0.0859	0.00E+0	0.00E+0	-2.99E-7
	CC2	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	-2.61E-7
	CC3	0.0000	0.0000	-0.1032	0.00E+0	0.00E+0	-2.90E-7

	CC4	0.0000	0.0000	-0.1021	0.00E+0	0.00E+0	-2.51E-7
	CC5	0.0000	0.0000	-0.0577	0.00E+0	0.00E+0	2.43E-7
	CC6	0.0000	0.0000	-0.0566	0.00E+0	0.00E+0	2.81E-7
	CC7	0.0000	0.0000	-0.0750	0.00E+0	0.00E+0	2.53E-7
	CC8	0.0000	0.0000	-0.0739	0.00E+0	0.00E+0	2.91E-7
	CC9	0.0000	0.0000	-0.0571	0.00E+0	0.00E+0	-1.65E-7
	CC10	0.0000	0.0000	-0.0534	0.00E+0	0.00E+0	-3.81E-8
	CC11	0.0000	0.0000	-0.0486	0.00E+0	0.00E+0	-2.45E-9
	CC12	0.0000	0.0000	-0.0450	0.00E+0	0.00E+0	1.25E-7
	CC13	0.0000	0.0000	-0.1148	0.00E+0	0.00E+0	-1.33E-7
	CC14	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	-5.79E-9
	CC15	0.0000	0.0000	-0.1064	0.00E+0	0.00E+0	2.99E-8
	CC16	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	1.57E-7
8	CC1	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	-1.22E-7
	CC2	0.0000	0.0000	-0.0753	0.00E+0	0.00E+0	-1.05E-7
	CC3	0.0000	0.0000	-0.0741	0.00E+0	0.00E+0	-1.26E-7
	CC4	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	-1.09E-7
	CC5	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	1.19E-7
	CC6	0.0000	0.0000	-0.0843	0.00E+0	0.00E+0	1.36E-7
	CC7	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	1.16E-7
	CC8	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	1.32E-7
	CC9	0.0000	0.0000	-0.0794	0.00E+0	0.00E+0	-5.28E-8
	CC10	0.0000	0.0000	-0.0799	0.00E+0	0.00E+0	3.37E-9
	CC11	0.0000	0.0000	-0.0821	0.00E+0	0.00E+0	1.98E-8
	CC12	0.0000	0.0000	-0.0826	0.00E+0	0.00E+0	7.59E-8
	CC13	0.0000	0.0000	-0.0758	0.00E+0	0.00E+0	-6.59E-8
	CC14	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	-9.70E-9
	CC15	0.0000	0.0000	-0.0785	0.00E+0	0.00E+0	6.68E-9
	CC16	0.0000	0.0000	-0.0790	0.00E+0	0.00E+0	6.29E-8
9	CC1	0.0000	0.0000	-0.0705	0.00E+0	0.00E+0	-2.82E-7
	CC2	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	-2.45E-7
	CC3	0.0000	0.0000	-0.0645	0.00E+0	0.00E+0	-3.05E-7
	CC4	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	-2.69E-7
	CC5	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	2.69E-7
	CC6	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	3.05E-7
	CC7	0.0000	0.0000	-0.0871	0.00E+0	0.00E+0	2.45E-7
	CC8	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	2.82E-7
	CC9	0.0000	0.0000	-0.0842	0.00E+0	0.00E+0	-1.04E-7
	CC10	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	1.76E-8
	CC11	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	6.09E-8
	CC12	0.0000	0.0000	-0.0941	0.00E+0	0.00E+0	1.83E-7
	CC13	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	-1.83E-7
	CC14	0.0000	0.0000	-0.0675	0.00E+0	0.00E+0	-6.09E-8
	CC15	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	-1.76E-8
	CC16	0.0000	0.0000	-0.0743	0.00E+0	0.00E+0	1.04E-7
10	CC1	0.0000	0.0000	-0.0657	0.00E+0	0.00E+0	-2.36E-7
	CC2	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	-2.06E-7
	CC3	0.0000	0.0000	-0.0736	0.00E+0	0.00E+0	-2.37E-7
	CC4	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	-2.07E-7
	CC5	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	1.97E-7
	CC6	0.0000	0.0000	-0.0841	0.00E+0	0.00E+0	2.27E-7
	CC7	0.0000	0.0000	-0.0926	0.00E+0	0.00E+0	1.96E-7
	CC8	0.0000	0.0000	-0.0920	0.00E+0	0.00E+0	2.26E-7
	CC9	0.0000	0.0000	-0.0639	0.00E+0	0.00E+0	-1.18E-7
	CC10	0.0000	0.0000	-0.0617	0.00E+0	0.00E+0	-1.89E-8
	CC11	0.0000	0.0000	-0.0696	0.00E+0	0.00E+0	1.21E-8
	CC12	0.0000	0.0000	-0.0674	0.00E+0	0.00E+0	1.11E-7
	CC13	0.0000	0.0000	-0.0902	0.00E+0	0.00E+0	-1.21E-7
	CC14	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-2.21E-8
	CC15	0.0000	0.0000	-0.0959	0.00E+0	0.00E+0	8.92E-9
	CC16	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	1.08E-7
11	CC1	0.0000	0.0000	-0.0643	0.00E+0	0.00E+0	-1.73E-7
	CC2	0.0000	0.0000	-0.0644	0.00E+0	0.00E+0	-1.49E-7
	CC3	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	-2.11E-7
	CC4	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	-1.87E-7
	CC5	0.0000	0.0000	-0.0900	0.00E+0	0.00E+0	1.94E-7
	CC6	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	2.18E-7
	CC7	0.0000	0.0000	-0.0961	0.00E+0	0.00E+0	1.56E-7
	CC8	0.0000	0.0000	-0.0962	0.00E+0	0.00E+0	1.80E-7
	CC9	0.0000	0.0000	-0.0662	0.00E+0	0.00E+0	-2.78E-8
	CC10	0.0000	0.0000	-0.0665	0.00E+0	0.00E+0	5.23E-8
	CC11	0.0000	0.0000	-0.0739	0.00E+0	0.00E+0	8.23E-8



	CC12	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	1.62E-7
	CC13	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	-1.56E-7
	CC14	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-7.54E-8
	CC15	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	-4.54E-8
	CC16	0.0000	0.0000	-0.0943	0.00E+0	0.00E+0	3.47E-8
12	CC1	0.0000	0.0000	-0.0675	0.00E+0	0.00E+0	-2.22E-7
	CC2	0.0000	0.0000	-0.0688	0.00E+0	0.00E+0	-2.07E-7
	CC3	0.0000	0.0000	-0.0555	0.00E+0	0.00E+0	-1.04E-7
	CC4	0.0000	0.0000	-0.0568	0.00E+0	0.00E+0	-8.87E-8
	CC5	0.0000	0.0000	-0.1043	0.00E+0	0.00E+0	9.31E-8
	CC6	0.0000	0.0000	-0.1055	0.00E+0	0.00E+0	1.08E-7
	CC7	0.0000	0.0000	-0.0922	0.00E+0	0.00E+0	2.12E-7
	CC8	0.0000	0.0000	-0.0935	0.00E+0	0.00E+0	2.27E-7
	CC9	0.0000	0.0000	-0.0930	0.00E+0	0.00E+0	-2.67E-7
	CC10	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	-2.18E-7
	CC11	0.0000	0.0000	-0.1040	0.00E+0	0.00E+0	-1.73E-7
	CC12	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	-1.23E-7
	CC13	0.0000	0.0000	-0.0528	0.00E+0	0.00E+0	1.28E-7
	CC14	0.0000	0.0000	-0.0570	0.00E+0	0.00E+0	1.77E-7
	CC15	0.0000	0.0000	-0.0638	0.00E+0	0.00E+0	2.22E-7
	CC16	0.0000	0.0000	-0.0680	0.00E+0	0.00E+0	2.72E-7
13	CC1	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	-1.65E-7
	CC2	0.0000	0.0000	-0.0786	0.00E+0	0.00E+0	-1.46E-7
	CC3	0.0000	0.0000	-0.0659	0.00E+0	0.00E+0	-1.51E-7
	CC4	0.0000	0.0000	-0.0656	0.00E+0	0.00E+0	-1.32E-7
	CC5	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	1.30E-7
	CC6	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	1.49E-7
	CC7	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	1.44E-7
	CC8	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	1.64E-7
	CC9	0.0000	0.0000	-0.0981	0.00E+0	0.00E+0	-1.01E-7
	CC10	0.0000	0.0000	-0.0971	0.00E+0	0.00E+0	-3.64E-8
	CC11	0.0000	0.0000	-0.1013	0.00E+0	0.00E+0	-1.27E-8
	CC12	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	5.21E-8
	CC13	0.0000	0.0000	-0.0548	0.00E+0	0.00E+0	-5.38E-8
	CC14	0.0000	0.0000	-0.0537	0.00E+0	0.00E+0	1.10E-8
	CC15	0.0000	0.0000	-0.0579	0.00E+0	0.00E+0	3.47E-8
	CC16	0.0000	0.0000	-0.0569	0.00E+0	0.00E+0	9.95E-8
14	CC1	0.0000	0.0000	-0.0398	0.00E+0	0.00E+0	5.90E-7
	CC2	0.0000	0.0000	-0.0406	0.00E+0	0.00E+0	6.08E-7
	CC3	0.0000	0.0000	-0.0467	0.00E+0	0.00E+0	5.35E-7
	CC4	0.0000	0.0000	-0.0475	0.00E+0	0.00E+0	5.53E-7
	CC5	0.0000	0.0000	-0.1168	0.00E+0	0.00E+0	-5.43E-7
	CC6	0.0000	0.0000	-0.1176	0.00E+0	0.00E+0	-5.26E-7
	CC7	0.0000	0.0000	-0.1237	0.00E+0	0.00E+0	-5.98E-7
	CC8	0.0000	0.0000	-0.1245	0.00E+0	0.00E+0	-5.80E-7
	CC9	0.0000	0.0000	-0.0579	0.00E+0	0.00E+0	2.37E-7
	CC10	0.0000	0.0000	-0.0604	0.00E+0	0.00E+0	2.96E-7
	CC11	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	-1.03E-7
	CC12	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-4.41E-8
	CC13	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	5.35E-8
	CC14	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	1.13E-7
	CC15	0.0000	0.0000	-0.1039	0.00E+0	0.00E+0	-2.87E-7
	CC16	0.0000	0.0000	-0.1065	0.00E+0	0.00E+0	-2.27E-7
15	CC1	0.0005	-0.0001	-0.0548	6.87E-5	5.20E-5	9.01E-7
	CC2	0.0005	-0.0001	-0.0557	7.03E-5	5.43E-5	9.30E-7
	CC3	0.0005	-0.0002	-0.0484	2.63E-5	1.98E-5	8.31E-7
	CC4	0.0005	-0.0002	-0.0493	2.79E-5	2.21E-5	8.60E-7
	CC5	-0.0005	0.0002	-0.1165	-6.30E-6	-4.20E-5	-8.59E-7
	CC6	-0.0005	0.0002	-0.1174	-4.71E-6	-3.97E-5	-8.31E-7
	CC7	-0.0005	0.0001	-0.1101	-4.87E-5	-7.42E-5	-9.29E-7
	CC8	-0.0005	0.0001	-0.1110	-4.72E-5	-7.19E-5	-9.00E-7
	CC9	0.0002	0.0001	-0.0828	9.02E-5	5.39E-5	3.33E-7
	CC10	0.0002	0.0002	-0.0858	9.54E-5	6.16E-5	4.28E-7
	CC11	-0.0001	0.0002	-0.1013	6.76E-5	2.57E-5	-1.95E-7
	CC12	-0.0001	0.0002	-0.1043	7.29E-5	3.34E-5	-1.00E-7
	CC13	0.0001	-0.0002	-0.0615	-5.13E-5	-5.33E-5	1.00E-7
	CC14	0.0001	-0.0002	-0.0645	-4.61E-5	-4.56E-5	1.95E-7
	CC15	-0.0002	-0.0002	-0.0800	-7.38E-5	-8.15E-5	-4.28E-7
	CC16	-0.0002	-0.0001	-0.0830	-6.86E-5	-7.38E-5	-3.33E-7
16	CC1	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	-1.27E-7
	CC2	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	-1.11E-7
	CC3	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	-1.29E-7

	CC4	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	-1.12E-7
	CC5	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	1.12E-7
	CC6	0.0000	0.0000	-0.0763	0.00E+0	0.00E+0	1.29E-7
	CC7	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	1.11E-7
	CC8	0.0000	0.0000	-0.0885	0.00E+0	0.00E+0	1.27E-7
	CC9	0.0000	0.0000	-0.0573	0.00E+0	0.00E+0	-6.06E-8
	CC10	0.0000	0.0000	-0.0568	0.00E+0	0.00E+0	-6.38E-9
	CC11	0.0000	0.0000	-0.0596	0.00E+0	0.00E+0	1.13E-8
	CC12	0.0000	0.0000	-0.0591	0.00E+0	0.00E+0	6.55E-8
	CC13	0.0000	0.0000	-0.0981	0.00E+0	0.00E+0	-6.54E-8
	CC14	0.0000	0.0000	-0.0976	0.00E+0	0.00E+0	-1.11E-8
	CC15	0.0000	0.0000	-0.1004	0.00E+0	0.00E+0	6.56E-9
	CC16	0.0000	0.0000	-0.0999	0.00E+0	0.00E+0	6.08E-8
17	CC1	0.0000	0.0000	-0.0401	0.00E+0	0.00E+0	-2.22E-7
	CC2	0.0000	0.0000	-0.0407	0.00E+0	0.00E+0	-1.94E-7
	CC3	0.0000	0.0000	-0.0497	0.00E+0	0.00E+0	-1.70E-7
	CC4	0.0000	0.0000	-0.0503	0.00E+0	0.00E+0	-1.41E-7
	CC5	0.0000	0.0000	-0.1380	0.00E+0	0.00E+0	1.48E-7
	CC6	0.0000	0.0000	-0.1386	0.00E+0	0.00E+0	1.77E-7
	CC7	0.0000	0.0000	-0.1477	0.00E+0	0.00E+0	2.01E-7
	CC8	0.0000	0.0000	-0.1483	0.00E+0	0.00E+0	2.29E-7
	CC9	0.0000	0.0000	-0.0624	0.00E+0	0.00E+0	-1.86E-7
	CC10	0.0000	0.0000	-0.0643	0.00E+0	0.00E+0	-9.26E-8
	CC11	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	-7.46E-8
	CC12	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	1.85E-8
	CC13	0.0000	0.0000	-0.0946	0.00E+0	0.00E+0	-1.14E-8
	CC14	0.0000	0.0000	-0.0965	0.00E+0	0.00E+0	8.16E-8
	CC15	0.0000	0.0000	-0.1240	0.00E+0	0.00E+0	9.96E-8
	CC16	0.0000	0.0000	-0.1259	0.00E+0	0.00E+0	1.93E-7
18	CC1	0.0000	0.0000	-0.0314	0.00E+0	0.00E+0	-3.25E-7
	CC2	0.0000	0.0000	-0.0313	0.00E+0	0.00E+0	-2.80E-7
	CC3	0.0000	0.0000	-0.0394	0.00E+0	0.00E+0	-4.44E-7
	CC4	0.0000	0.0000	-0.0394	0.00E+0	0.00E+0	-3.98E-7
	CC5	0.0000	0.0000	-0.1350	0.00E+0	0.00E+0	4.07E-7
	CC6	0.0000	0.0000	-0.1350	0.00E+0	0.00E+0	4.52E-7
	CC7	0.0000	0.0000	-0.1430	0.00E+0	0.00E+0	2.89E-7
	CC8	0.0000	0.0000	-0.1430	0.00E+0	0.00E+0	3.34E-7
	CC9	0.0000	0.0000	-0.0583	0.00E+0	0.00E+0	1.64E-8
	CC10	0.0000	0.0000	-0.0582	0.00E+0	0.00E+0	1.66E-7
	CC11	0.0000	0.0000	-0.0894	0.00E+0	0.00E+0	2.36E-7
	CC12	0.0000	0.0000	-0.0893	0.00E+0	0.00E+0	3.85E-7
	CC13	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	-3.77E-7
	CC14	0.0000	0.0000	-0.0850	0.00E+0	0.00E+0	-2.28E-7
	CC15	0.0000	0.0000	-0.1162	0.00E+0	0.00E+0	-1.57E-7
	CC16	0.0000	0.0000	-0.1161	0.00E+0	0.00E+0	-8.00E-9
19	CC1	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	-1.24E-7
	CC2	0.0000	0.0000	-0.0725	0.00E+0	0.00E+0	-1.08E-7
	CC3	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-1.17E-7
	CC4	0.0000	0.0000	-0.0806	0.00E+0	0.00E+0	-1.01E-7
	CC5	0.0000	0.0000	-0.0802	0.00E+0	0.00E+0	9.71E-8
	CC6	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.13E-7
	CC7	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	1.05E-7
	CC8	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	1.20E-7
	CC9	0.0000	0.0000	-0.0657	0.00E+0	0.00E+0	-7.36E-8
	CC10	0.0000	0.0000	-0.0656	0.00E+0	0.00E+0	-2.15E-8
	CC11	0.0000	0.0000	-0.0680	0.00E+0	0.00E+0	-7.28E-9
	CC12	0.0000	0.0000	-0.0679	0.00E+0	0.00E+0	4.49E-8
	CC13	0.0000	0.0000	-0.0929	0.00E+0	0.00E+0	-4.86E-8
	CC14	0.0000	0.0000	-0.0928	0.00E+0	0.00E+0	3.51E-9
	CC15	0.0000	0.0000	-0.0952	0.00E+0	0.00E+0	1.77E-8
	CC16	0.0000	0.0000	-0.0951	0.00E+0	0.00E+0	6.99E-8
20	CC1	0.0000	0.0000	-0.0618	0.00E+0	0.00E+0	-1.52E-7
	CC2	0.0000	0.0000	-0.0614	0.00E+0	0.00E+0	-1.31E-7
	CC3	0.0000	0.0000	-0.0714	0.00E+0	0.00E+0	-1.90E-7
	CC4	0.0000	0.0000	-0.0710	0.00E+0	0.00E+0	-1.69E-7
	CC5	0.0000	0.0000	-0.1181	0.00E+0	0.00E+0	1.69E-7
	CC6	0.0000	0.0000	-0.1177	0.00E+0	0.00E+0	1.90E-7
	CC7	0.0000	0.0000	-0.1277	0.00E+0	0.00E+0	1.31E-7
	CC8	0.0000	0.0000	-0.1273	0.00E+0	0.00E+0	1.52E-7
	CC9	0.0000	0.0000	-0.0706	0.00E+0	0.00E+0	-1.94E-8
	CC10	0.0000	0.0000	-0.0694	0.00E+0	0.00E+0	4.98E-8
	CC11	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	7.69E-8

	CC12	0.0000	0.0000	-0.0863	0.00E+0	0.00E+0	1.46E-7
	CC13	0.0000	0.0000	-0.1028	0.00E+0	0.00E+0	-1.46E-7
	CC14	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	-7.72E-8
	CC15	0.0000	0.0000	-0.1197	0.00E+0	0.00E+0	-5.01E-8
	CC16	0.0000	0.0000	-0.1185	0.00E+0	0.00E+0	1.91E-8
21	CC1	0.0000	0.0000	-0.0495	0.00E+0	0.00E+0	-2.50E-7
	CC2	0.0000	0.0000	-0.0475	0.00E+0	0.00E+0	-2.17E-7
	CC3	0.0000	0.0000	-0.0459	0.00E+0	0.00E+0	-2.75E-7
	CC4	0.0000	0.0000	-0.0439	0.00E+0	0.00E+0	-2.42E-7
	CC5	0.0000	0.0000	-0.1273	0.00E+0	0.00E+0	2.49E-7
	CC6	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	2.83E-7
	CC7	0.0000	0.0000	-0.1236	0.00E+0	0.00E+0	2.24E-7
	CC8	0.0000	0.0000	-0.1216	0.00E+0	0.00E+0	2.58E-7
	CC9	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	-8.49E-8
	CC10	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	2.57E-8
	CC11	0.0000	0.0000	-0.1067	0.00E+0	0.00E+0	6.50E-8
	CC12	0.0000	0.0000	-0.1000	0.00E+0	0.00E+0	1.76E-7
	CC13	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	-1.68E-7
	CC14	0.0000	0.0000	-0.0645	0.00E+0	0.00E+0	-5.77E-8
	CC15	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	-1.83E-8
	CC16	0.0000	0.0000	-0.0878	0.00E+0	0.00E+0	9.23E-8
22	CC1	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	-1.53E-7
	CC2	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	-1.33E-7
	CC3	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.46E-7
	CC4	0.0000	0.0000	-0.0903	0.00E+0	0.00E+0	-1.26E-7
	CC5	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.23E-7
	CC6	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.43E-7
	CC7	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	1.30E-7
	CC8	0.0000	0.0000	-0.0969	0.00E+0	0.00E+0	1.50E-7
	CC9	0.0000	0.0000	-0.0563	0.00E+0	0.00E+0	-8.65E-8
	CC10	0.0000	0.0000	-0.0562	0.00E+0	0.00E+0	-2.20E-8
	CC11	0.0000	0.0000	-0.0583	0.00E+0	0.00E+0	-3.68E-9
	CC12	0.0000	0.0000	-0.0582	0.00E+0	0.00E+0	6.08E-8
	CC13	0.0000	0.0000	-0.1123	0.00E+0	0.00E+0	-6.38E-8
	CC14	0.0000	0.0000	-0.1122	0.00E+0	0.00E+0	6.58E-1
	CC15	0.0000	0.0000	-0.1143	0.00E+0	0.00E+0	1.90E-8
	CC16	0.0000	0.0000	-0.1142	0.00E+0	0.00E+0	8.35E-8
23	CC1	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	-2.99E-7
	CC2	0.0000	0.0000	-0.1071	0.00E+0	0.00E+0	-2.60E-7
	CC3	0.0000	0.0000	-0.1182	0.00E+0	0.00E+0	-3.41E-7
	CC4	0.0000	0.0000	-0.1164	0.00E+0	0.00E+0	-3.02E-7
	CC5	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	2.92E-7
	CC6	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	3.32E-7
	CC7	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	2.50E-7
	CC8	0.0000	0.0000	-0.0797	0.00E+0	0.00E+0	2.90E-7
	CC9	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-8.85E-8
	CC10	0.0000	0.0000	-0.0813	0.00E+0	0.00E+0	4.18E-8
	CC11	0.0000	0.0000	-0.0765	0.00E+0	0.00E+0	8.89E-8
	CC12	0.0000	0.0000	-0.0703	0.00E+0	0.00E+0	2.19E-7
	CC13	0.0000	0.0000	-0.1184	0.00E+0	0.00E+0	-2.29E-7
	CC14	0.0000	0.0000	-0.1122	0.00E+0	0.00E+0	-9.85E-8
	CC15	0.0000	0.0000	-0.1073	0.00E+0	0.00E+0	-5.14E-8
	CC16	0.0000	0.0000	-0.1012	0.00E+0	0.00E+0	7.89E-8
24	CC1	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	-1.67E-7
	CC2	0.0000	0.0000	-0.0716	0.00E+0	0.00E+0	-1.46E-7
	CC3	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	-1.72E-7
	CC4	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	-1.50E-7
	CC5	0.0000	0.0000	-0.0996	0.00E+0	0.00E+0	1.47E-7
	CC6	0.0000	0.0000	-0.0983	0.00E+0	0.00E+0	1.69E-7
	CC7	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	1.43E-7
	CC8	0.0000	0.0000	-0.1002	0.00E+0	0.00E+0	1.65E-7
	CC9	0.0000	0.0000	-0.0816	0.00E+0	0.00E+0	-7.74E-8
	CC10	0.0000	0.0000	-0.0771	0.00E+0	0.00E+0	-5.12E-9
	CC11	0.0000	0.0000	-0.0896	0.00E+0	0.00E+0	1.70E-8
	CC12	0.0000	0.0000	-0.0851	0.00E+0	0.00E+0	8.93E-8
	CC13	0.0000	0.0000	-0.0880	0.00E+0	0.00E+0	-9.21E-8
	CC14	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-1.98E-8
	CC15	0.0000	0.0000	-0.0960	0.00E+0	0.00E+0	2.28E-9
	CC16	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	7.46E-8
25	CC1	0.0000	0.0000	-0.0755	0.00E+0	0.00E+0	-3.39E-7
	CC2	0.0000	0.0000	-0.0758	0.00E+0	0.00E+0	-2.97E-7
	CC3	0.0000	0.0000	-0.0961	0.00E+0	0.00E+0	-3.13E-7

	CC4	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-2.72E-7
	CC5	0.0000	0.0000	-0.0937	0.00E+0	0.00E+0	2.55E-7
	CC6	0.0000	0.0000	-0.0939	0.00E+0	0.00E+0	2.97E-7
	CC7	0.0000	0.0000	-0.1143	0.00E+0	0.00E+0	2.80E-7
	CC8	0.0000	0.0000	-0.1146	0.00E+0	0.00E+0	3.22E-7
	CC9	0.0000	0.0000	-0.0574	0.00E+0	0.00E+0	-2.09E-7
	CC10	0.0000	0.0000	-0.0584	0.00E+0	0.00E+0	-7.09E-8
	CC11	0.0000	0.0000	-0.0629	0.00E+0	0.00E+0	-3.12E-8
	CC12	0.0000	0.0000	-0.0638	0.00E+0	0.00E+0	1.07E-7
	CC13	0.0000	0.0000	-0.1263	0.00E+0	0.00E+0	-1.24E-7
	CC14	0.0000	0.0000	-0.1272	0.00E+0	0.00E+0	1.44E-8
	CC15	0.0000	0.0000	-0.1317	0.00E+0	0.00E+0	5.41E-8
	CC16	0.0000	0.0000	-0.1327	0.00E+0	0.00E+0	1.93E-7
26	CC1	0.0000	0.0000	-0.1095	0.00E+0	0.00E+0	5.36E-8
	CC2	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	4.74E-8
	CC3	0.0000	0.0000	-0.1133	0.00E+0	0.00E+0	3.68E-8
	CC4	0.0000	0.0000	-0.1129	0.00E+0	0.00E+0	3.06E-8
	CC5	0.0000	0.0000	-0.0690	0.00E+0	0.00E+0	-2.38E-8
	CC6	0.0000	0.0000	-0.0686	0.00E+0	0.00E+0	-3.00E-8
	CC7	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	-4.06E-8
	CC8	0.0000	0.0000	-0.0723	0.00E+0	0.00E+0	-4.68E-8
	CC9	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	5.33E-8
	CC10	0.0000	0.0000	-0.0900	0.00E+0	0.00E+0	3.27E-8
	CC11	0.0000	0.0000	-0.0793	0.00E+0	0.00E+0	3.01E-8
	CC12	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	9.50E-9
	CC13	0.0000	0.0000	-0.1040	0.00E+0	0.00E+0	-2.65E-9
	CC14	0.0000	0.0000	-0.1026	0.00E+0	0.00E+0	-2.33E-8
	CC15	0.0000	0.0000	-0.0918	0.00E+0	0.00E+0	-2.59E-8
	CC16	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	-4.65E-8
27	CC1	0.0000	0.0000	-0.1000	0.00E+0	0.00E+0	-1.75E-8
	CC2	0.0000	0.0000	-0.0999	0.00E+0	0.00E+0	-1.46E-8
	CC3	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	-3.85E-8
	CC4	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	-3.55E-8
	CC5	0.0000	0.0000	-0.0821	0.00E+0	0.00E+0	3.77E-8
	CC6	0.0000	0.0000	-0.0820	0.00E+0	0.00E+0	4.07E-8
	CC7	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	1.67E-8
	CC8	0.0000	0.0000	-0.0711	0.00E+0	0.00E+0	1.97E-8
	CC9	0.0000	0.0000	-0.1065	0.00E+0	0.00E+0	2.28E-8
	CC10	0.0000	0.0000	-0.1061	0.00E+0	0.00E+0	3.27E-8
	CC11	0.0000	0.0000	-0.1011	0.00E+0	0.00E+0	3.94E-8
	CC12	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	4.93E-8
	CC13	0.0000	0.0000	-0.0703	0.00E+0	0.00E+0	-4.72E-8
	CC14	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	-3.73E-8
	CC15	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	-3.06E-8
	CC16	0.0000	0.0000	-0.0646	0.00E+0	0.00E+0	-2.07E-8
28	CC1	0.0000	0.0000	-0.1035	0.00E+0	0.00E+0	-2.78E-8
	CC2	0.0000	0.0000	-0.1027	0.00E+0	0.00E+0	-2.48E-8
	CC3	0.0000	0.0000	-0.0815	0.00E+0	0.00E+0	-7.40E-9
	CC4	0.0000	0.0000	-0.0807	0.00E+0	0.00E+0	-4.39E-9
	CC5	0.0000	0.0000	-0.0899	0.00E+0	0.00E+0	4.19E-9
	CC6	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	7.20E-9
	CC7	0.0000	0.0000	-0.0679	0.00E+0	0.00E+0	2.46E-8
	CC8	0.0000	0.0000	-0.0671	0.00E+0	0.00E+0	2.76E-8
	CC9	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	-4.39E-8
	CC10	0.0000	0.0000	-0.1228	0.00E+0	0.00E+0	-3.40E-8
	CC11	0.0000	0.0000	-0.1212	0.00E+0	0.00E+0	-3.43E-8
	CC12	0.0000	0.0000	-0.1187	0.00E+0	0.00E+0	-2.44E-8
	CC13	0.0000	0.0000	-0.0518	0.00E+0	0.00E+0	2.42E-8
	CC14	0.0000	0.0000	-0.0494	0.00E+0	0.00E+0	3.41E-8
	CC15	0.0000	0.0000	-0.0478	0.00E+0	0.00E+0	3.38E-8
	CC16	0.0000	0.0000	-0.0453	0.00E+0	0.00E+0	4.37E-8
29	CC1	0.0000	0.0000	-0.1070	0.00E+0	0.00E+0	-7.86E-8
	CC2	0.0000	0.0000	-0.1086	0.00E+0	0.00E+0	-6.50E-8
	CC3	0.0000	0.0000	-0.1423	0.00E+0	0.00E+0	-1.51E-7
	CC4	0.0000	0.0000	-0.1439	0.00E+0	0.00E+0	-1.38E-7
	CC5	0.0000	0.0000	-0.0620	0.00E+0	0.00E+0	1.65E-7
	CC6	0.0000	0.0000	-0.0637	0.00E+0	0.00E+0	1.79E-7
	CC7	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	9.26E-8
	CC8	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	1.06E-7
	CC9	0.0000	0.0000	-0.0481	0.00E+0	0.00E+0	7.59E-8
	CC10	0.0000	0.0000	-0.0536	0.00E+0	0.00E+0	1.21E-7
	CC11	0.0000	0.0000	-0.0346	0.00E+0	0.00E+0	1.49E-7

	CC12	0.0000	0.0000	-0.0401	0.00E+0	0.00E+0	1.94E-7
	CC13	0.0000	0.0000	-0.1658	0.00E+0	0.00E+0	-1.66E-7
	CC14	0.0000	0.0000	-0.1713	0.00E+0	0.00E+0	-1.21E-7
	CC15	0.0000	0.0000	-0.1523	0.00E+0	0.00E+0	-9.32E-8
	CC16	0.0000	0.0000	-0.1578	0.00E+0	0.00E+0	-4.83E-8
30	CC1	0.0000	0.0000	-0.1163	0.00E+0	0.00E+0	-1.84E-6
	CC2	0.0000	0.0000	-0.1175	0.00E+0	0.00E+0	-1.60E-6
	CC3	0.0000	0.0000	-0.1317	0.00E+0	0.00E+0	-1.62E-6
	CC4	0.0000	0.0000	-0.1329	0.00E+0	0.00E+0	-1.38E-6
	CC5	0.0000	0.0000	-0.0757	0.00E+0	0.00E+0	1.40E-6
	CC6	0.0000	0.0000	-0.0769	0.00E+0	0.00E+0	1.64E-6
	CC7	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	1.62E-6
	CC8	0.0000	0.0000	-0.0923	0.00E+0	0.00E+0	1.86E-6
	CC9	0.0000	0.0000	-0.0828	0.00E+0	0.00E+0	-1.23E-6
	CC10	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	-4.52E-7
	CC11	0.0000	0.0000	-0.0706	0.00E+0	0.00E+0	-2.61E-7
	CC12	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	5.20E-7
	CC13	0.0000	0.0000	-0.1340	0.00E+0	0.00E+0	-4.99E-7
	CC14	0.0000	0.0000	-0.1380	0.00E+0	0.00E+0	2.82E-7
	CC15	0.0000	0.0000	-0.1218	0.00E+0	0.00E+0	4.73E-7
	CC16	0.0000	0.0000	-0.1258	0.00E+0	0.00E+0	1.25E-6
31	CC1	0.0000	0.0000	-0.1202	0.00E+0	0.00E+0	1.99E-7
	CC2	0.0000	0.0000	-0.1198	0.00E+0	0.00E+0	1.76E-7
	CC3	0.0000	0.0000	-0.1116	0.00E+0	0.00E+0	1.05E-7
	CC4	0.0000	0.0000	-0.1112	0.00E+0	0.00E+0	8.14E-8
	CC5	0.0000	0.0000	-0.0822	0.00E+0	0.00E+0	-8.69E-8
	CC6	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	-1.11E-7
	CC7	0.0000	0.0000	-0.0736	0.00E+0	0.00E+0	-1.81E-7
	CC8	0.0000	0.0000	-0.0732	0.00E+0	0.00E+0	-2.05E-7
	CC9	0.0000	0.0000	-0.1173	0.00E+0	0.00E+0	2.37E-7
	CC10	0.0000	0.0000	-0.1160	0.00E+0	0.00E+0	1.57E-7
	CC11	0.0000	0.0000	-0.1059	0.00E+0	0.00E+0	1.51E-7
	CC12	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	7.15E-8
	CC13	0.0000	0.0000	-0.0888	0.00E+0	0.00E+0	-7.70E-8
	CC14	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.56E-7
	CC15	0.0000	0.0000	-0.0774	0.00E+0	0.00E+0	-1.63E-7
	CC16	0.0000	0.0000	-0.0761	0.00E+0	0.00E+0	-2.42E-7
32	CC1	0.0000	0.0000	-0.1515	0.00E+0	0.00E+0	-1.36E-7
	CC2	0.0000	0.0000	-0.1482	0.00E+0	0.00E+0	-1.19E-7
	CC3	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	-1.01E-7
	CC4	0.0000	0.0000	-0.1057	0.00E+0	0.00E+0	-8.38E-8
	CC5	0.0000	0.0000	-0.0893	0.00E+0	0.00E+0	8.66E-8
	CC6	0.0000	0.0000	-0.0861	0.00E+0	0.00E+0	1.04E-7
	CC7	0.0000	0.0000	-0.0468	0.00E+0	0.00E+0	1.21E-7
	CC8	0.0000	0.0000	-0.0435	0.00E+0	0.00E+0	1.39E-7
	CC9	0.0000	0.0000	-0.1832	0.00E+0	0.00E+0	-1.18E-7
	CC10	0.0000	0.0000	-0.1723	0.00E+0	0.00E+0	-6.18E-8
	CC11	0.0000	0.0000	-0.1645	0.00E+0	0.00E+0	-5.16E-8
	CC12	0.0000	0.0000	-0.1537	0.00E+0	0.00E+0	4.96E-9
	CC13	0.0000	0.0000	-0.0414	0.00E+0	0.00E+0	-2.18E-9
	CC14	0.0000	0.0000	-0.0305	0.00E+0	0.00E+0	5.44E-8
	CC15	0.0000	0.0000	-0.0227	0.00E+0	0.00E+0	6.45E-8
	CC16	0.0000	0.0000	-0.0119	0.00E+0	0.00E+0	1.21E-7
33	CC1	0.0000	0.0000	-0.1099	0.00E+0	0.00E+0	2.11E-7
	CC2	0.0000	0.0000	-0.1127	0.00E+0	0.00E+0	1.81E-7
	CC3	0.0000	0.0000	-0.1500	0.00E+0	0.00E+0	1.28E-7
	CC4	0.0000	0.0000	-0.1527	0.00E+0	0.00E+0	9.80E-8
	CC5	0.0000	0.0000	-0.0544	0.00E+0	0.00E+0	-1.59E-7
	CC6	0.0000	0.0000	-0.0572	0.00E+0	0.00E+0	-1.89E-7
	CC7	0.0000	0.0000	-0.0945	0.00E+0	0.00E+0	-2.42E-7
	CC8	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	-2.72E-7
	CC9	0.0000	0.0000	-0.0406	0.00E+0	0.00E+0	2.12E-7
	CC10	0.0000	0.0000	-0.0498	0.00E+0	0.00E+0	1.14E-7
	CC11	0.0000	0.0000	-0.0239	0.00E+0	0.00E+0	1.01E-7
	CC12	0.0000	0.0000	-0.0331	0.00E+0	0.00E+0	2.68E-9
	CC13	0.0000	0.0000	-0.1740	0.00E+0	0.00E+0	-6.41E-8
	CC14	0.0000	0.0000	-0.1832	0.00E+0	0.00E+0	-1.62E-7
	CC15	0.0000	0.0000	-0.1574	0.00E+0	0.00E+0	-1.75E-7
	CC16	0.0000	0.0000	-0.1666	0.00E+0	0.00E+0	-2.73E-7
34	CC1	0.0000	0.0000	-0.1089	0.00E+0	0.00E+0	2.27E-7
	CC2	0.0000	0.0000	-0.1107	0.00E+0	0.00E+0	2.00E-7
	CC3	0.0000	0.0000	-0.1215	0.00E+0	0.00E+0	1.25E-7

	CC4	0.0000	0.0000	-0.1233	0.00E+0	0.00E+0	9.80E-8
	CC5	0.0000	0.0000	-0.0729	0.00E+0	0.00E+0	-8.81E-8
	CC6	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	-1.15E-7
	CC7	0.0000	0.0000	-0.0855	0.00E+0	0.00E+0	-1.90E-7
	CC8	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	-2.17E-7
	CC9	0.0000	0.0000	-0.0795	0.00E+0	0.00E+0	2.67E-7
	CC10	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	1.78E-7
	CC11	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	1.73E-7
	CC12	0.0000	0.0000	-0.0748	0.00E+0	0.00E+0	8.32E-8
	CC13	0.0000	0.0000	-0.1214	0.00E+0	0.00E+0	-7.33E-8
	CC14	0.0000	0.0000	-0.1275	0.00E+0	0.00E+0	-1.63E-7
	CC15	0.0000	0.0000	-0.1106	0.00E+0	0.00E+0	-1.68E-7
	CC16	0.0000	0.0000	-0.1167	0.00E+0	0.00E+0	-2.58E-7
35	CC1	0.0000	0.0000	-0.1226	0.00E+0	0.00E+0	-6.62E-7
	CC2	0.0000	0.0000	-0.1231	0.00E+0	0.00E+0	-5.79E-7
	CC3	0.0000	0.0000	-0.1199	0.00E+0	0.00E+0	-5.56E-7
	CC4	0.0000	0.0000	-0.1204	0.00E+0	0.00E+0	-4.72E-7
	CC5	0.0000	0.0000	-0.0803	0.00E+0	0.00E+0	4.68E-7
	CC6	0.0000	0.0000	-0.0809	0.00E+0	0.00E+0	5.52E-7
	CC7	0.0000	0.0000	-0.0776	0.00E+0	0.00E+0	5.75E-7
	CC8	0.0000	0.0000	-0.0782	0.00E+0	0.00E+0	6.59E-7
	CC9	0.0000	0.0000	-0.1104	0.00E+0	0.00E+0	-4.88E-7
	CC10	0.0000	0.0000	-0.1121	0.00E+0	0.00E+0	-2.10E-7
	CC11	0.0000	0.0000	-0.0977	0.00E+0	0.00E+0	-1.49E-7
	CC12	0.0000	0.0000	-0.0994	0.00E+0	0.00E+0	1.29E-7
	CC13	0.0000	0.0000	-0.1014	0.00E+0	0.00E+0	-1.33E-7
	CC14	0.0000	0.0000	-0.1031	0.00E+0	0.00E+0	1.45E-7
	CC15	0.0000	0.0000	-0.0887	0.00E+0	0.00E+0	2.07E-7
	CC16	0.0000	0.0000	-0.0904	0.00E+0	0.00E+0	4.84E-7
36	CC1	0.0000	0.0000	-0.1624	0.00E+0	0.00E+0	-6.15E-8
	CC2	0.0000	0.0000	-0.1594	0.00E+0	0.00E+0	-5.34E-8
	CC3	0.0000	0.0000	-0.1205	0.00E+0	0.00E+0	-8.15E-8
	CC4	0.0000	0.0000	-0.1175	0.00E+0	0.00E+0	-7.34E-8
	CC5	0.0000	0.0000	-0.0781	0.00E+0	0.00E+0	7.05E-8
	CC6	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	7.86E-8
	CC7	0.0000	0.0000	-0.0362	0.00E+0	0.00E+0	5.06E-8
	CC8	0.0000	0.0000	-0.0332	0.00E+0	0.00E+0	5.87E-8
	CC9	0.0000	0.0000	-0.1852	0.00E+0	0.00E+0	-1.33E-9
	CC10	0.0000	0.0000	-0.1752	0.00E+0	0.00E+0	2.54E-8
	CC11	0.0000	0.0000	-0.1600	0.00E+0	0.00E+0	3.83E-8
	CC12	0.0000	0.0000	-0.1499	0.00E+0	0.00E+0	6.50E-8
	CC13	0.0000	0.0000	-0.0457	0.00E+0	0.00E+0	-6.79E-8
	CC14	0.0000	0.0000	-0.0357	0.00E+0	0.00E+0	-4.11E-8
	CC15	0.0000	0.0000	-0.0204	0.00E+0	0.00E+0	-2.83E-8
	CC16	0.0000	0.0000	-0.0104	0.00E+0	0.00E+0	-1.51E-9
37	CC1	0.0000	0.0000	-0.1424	0.00E+0	0.00E+0	3.08E-7
	CC2	0.0000	0.0000	-0.1414	0.00E+0	0.00E+0	2.70E-7
	CC3	0.0000	0.0000	-0.1307	0.00E+0	0.00E+0	1.49E-7
	CC4	0.0000	0.0000	-0.1296	0.00E+0	0.00E+0	1.12E-7
	CC5	0.0000	0.0000	-0.0635	0.00E+0	0.00E+0	-1.14E-7
	CC6	0.0000	0.0000	-0.0624	0.00E+0	0.00E+0	-1.52E-7
	CC7	0.0000	0.0000	-0.0517	0.00E+0	0.00E+0	-2.72E-7
	CC8	0.0000	0.0000	-0.0507	0.00E+0	0.00E+0	-3.10E-7
	CC9	0.0000	0.0000	-0.1297	0.00E+0	0.00E+0	3.89E-7
	CC10	0.0000	0.0000	-0.1262	0.00E+0	0.00E+0	2.64E-7
	CC11	0.0000	0.0000	-0.1060	0.00E+0	0.00E+0	2.62E-7
	CC12	0.0000	0.0000	-0.1025	0.00E+0	0.00E+0	1.38E-7
	CC13	0.0000	0.0000	-0.0906	0.00E+0	0.00E+0	-1.40E-7
	CC14	0.0000	0.0000	-0.0871	0.00E+0	0.00E+0	-2.64E-7
	CC15	0.0000	0.0000	-0.0669	0.00E+0	0.00E+0	-2.66E-7
	CC16	0.0000	0.0000	-0.0634	0.00E+0	0.00E+0	-3.91E-7
38	CC1	0.0000	0.0000	-0.1723	0.00E+0	0.00E+0	-1.96E-8
	CC2	0.0000	0.0000	-0.1676	0.00E+0	0.00E+0	-2.10E-8
	CC3	0.0000	0.0000	-0.1239	0.00E+0	0.00E+0	-8.53E-9
	CC4	0.0000	0.0000	-0.1191	0.00E+0	0.00E+0	-9.93E-9
	CC5	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	1.29E-8
	CC6	0.0000	0.0000	-0.0640	0.00E+0	0.00E+0	1.15E-8
	CC7	0.0000	0.0000	-0.0203	0.00E+0	0.00E+0	2.39E-8
	CC8	0.0000	0.0000	-0.0156	0.00E+0	0.00E+0	2.25E-8
	CC9	0.0000	0.0000	-0.1980	0.00E+0	0.00E+0	-1.95E-8
	CC10	0.0000	0.0000	-0.1824	0.00E+0	0.00E+0	-2.41E-8
	CC11	0.0000	0.0000	-0.1670	0.00E+0	0.00E+0	-9.74E-9

	CC12	0.0000	0.0000	-0.1513	0.00E+0	0.00E+0	-1.44E-8
	CC13	0.0000	0.0000	-0.0366	0.00E+0	0.00E+0	1.73E-8
	CC14	0.0000	0.0000	-0.0209	0.00E+0	0.00E+0	1.27E-8
	CC15	0.0000	0.0000	-0.0055	0.00E+0	0.00E+0	2.71E-8
	CC16	0.0000	0.0000	0.0102	0.00E+0	0.00E+0	2.24E-8
39	CC1	0.0000	0.0000	-0.1343	0.00E+0	0.00E+0	-3.45E-6
	CC2	0.0000	0.0000	-0.1430	0.00E+0	0.00E+0	-3.00E-6
	CC3	0.0000	0.0000	-0.2249	0.00E+0	0.00E+0	-2.75E-6
	CC4	0.0000	0.0000	-0.2337	0.00E+0	0.00E+0	-2.31E-6
	CC5	0.0000	0.0000	0.0128	0.00E+0	0.00E+0	2.55E-6
	CC6	0.0000	0.0000	0.0040	0.00E+0	0.00E+0	3.00E-6
	CC7	0.0000	0.0000	-0.0779	0.00E+0	0.00E+0	3.24E-6
	CC8	0.0000	0.0000	-0.0867	0.00E+0	0.00E+0	3.69E-6
	CC9	0.0000	0.0000	0.0331	0.00E+0	0.00E+0	-2.68E-6
	CC10	0.0000	0.0000	0.0041	0.00E+0	0.00E+0	-1.19E-6
	CC11	0.0000	0.0000	0.0772	0.00E+0	0.00E+0	-8.82E-7
	CC12	0.0000	0.0000	0.0482	0.00E+0	0.00E+0	6.04E-7
	CC13	0.0000	0.0000	-0.2691	0.00E+0	0.00E+0	-3.64E-7
	CC14	0.0000	0.0000	-0.2982	0.00E+0	0.00E+0	1.12E-6
	CC15	0.0000	0.0000	-0.2250	0.00E+0	0.00E+0	1.44E-6
	CC16	0.0000	0.0000	-0.2540	0.00E+0	0.00E+0	2.92E-6
40	CC1	0.0000	0.0000	-0.1288	0.00E+0	0.00E+0	-1.03E-6
	CC2	0.0000	0.0000	-0.1311	0.00E+0	0.00E+0	-9.09E-7
	CC3	0.0000	0.0000	-0.1463	0.00E+0	0.00E+0	-5.07E-7
	CC4	0.0000	0.0000	-0.1486	0.00E+0	0.00E+0	-3.81E-7
	CC5	0.0000	0.0000	-0.0475	0.00E+0	0.00E+0	3.87E-7
	CC6	0.0000	0.0000	-0.0497	0.00E+0	0.00E+0	5.12E-7
	CC7	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	9.15E-7
	CC8	0.0000	0.0000	-0.0673	0.00E+0	0.00E+0	1.04E-6
	CC9	0.0000	0.0000	-0.0773	0.00E+0	0.00E+0	-1.30E-6
	CC10	0.0000	0.0000	-0.0848	0.00E+0	0.00E+0	-8.83E-7
	CC11	0.0000	0.0000	-0.0528	0.00E+0	0.00E+0	-8.73E-7
	CC12	0.0000	0.0000	-0.0604	0.00E+0	0.00E+0	-4.56E-7
	CC13	0.0000	0.0000	-0.1357	0.00E+0	0.00E+0	4.62E-7
	CC14	0.0000	0.0000	-0.1432	0.00E+0	0.00E+0	8.78E-7
	CC15	0.0000	0.0000	-0.1113	0.00E+0	0.00E+0	8.88E-7
	CC16	0.0000	0.0000	-0.1188	0.00E+0	0.00E+0	1.30E-6
41	CC1	0.0000	0.0000	-0.1460	0.00E+0	0.00E+0	-8.72E-7
	CC2	0.0000	0.0000	-0.1454	0.00E+0	0.00E+0	-7.66E-7
	CC3	0.0000	0.0000	-0.1383	0.00E+0	0.00E+0	-4.36E-7
	CC4	0.0000	0.0000	-0.1377	0.00E+0	0.00E+0	-3.30E-7
	CC5	0.0000	0.0000	-0.0580	0.00E+0	0.00E+0	3.32E-7
	CC6	0.0000	0.0000	-0.0574	0.00E+0	0.00E+0	4.39E-7
	CC7	0.0000	0.0000	-0.0503	0.00E+0	0.00E+0	7.68E-7
	CC8	0.0000	0.0000	-0.0497	0.00E+0	0.00E+0	8.74E-7
	CC9	0.0000	0.0000	-0.1249	0.00E+0	0.00E+0	-1.08E-6
	CC10	0.0000	0.0000	-0.1230	0.00E+0	0.00E+0	-7.30E-7
	CC11	0.0000	0.0000	-0.0985	0.00E+0	0.00E+0	-7.20E-7
	CC12	0.0000	0.0000	-0.0966	0.00E+0	0.00E+0	-3.68E-7
	CC13	0.0000	0.0000	-0.0991	0.00E+0	0.00E+0	3.71E-7
	CC14	0.0000	0.0000	-0.0972	0.00E+0	0.00E+0	7.23E-7
	CC15	0.0000	0.0000	-0.0727	0.00E+0	0.00E+0	7.32E-7
	CC16	0.0000	0.0000	-0.0708	0.00E+0	0.00E+0	1.08E-6
42	CC1	0.0000	0.0000	-0.1780	0.00E+0	0.00E+0	-2.13E-7
	CC2	0.0000	0.0000	-0.1727	0.00E+0	0.00E+0	-1.88E-7
	CC3	0.0000	0.0000	-0.1263	0.00E+0	0.00E+0	-1.83E-7
	CC4	0.0000	0.0000	-0.1211	0.00E+0	0.00E+0	-1.58E-7
	CC5	0.0000	0.0000	-0.0685	0.00E+0	0.00E+0	1.46E-7
	CC6	0.0000	0.0000	-0.0632	0.00E+0	0.00E+0	1.71E-7
	CC7	0.0000	0.0000	-0.0168	0.00E+0	0.00E+0	1.76E-7
	CC8	0.0000	0.0000	-0.0116	0.00E+0	0.00E+0	2.01E-7
	CC9	0.0000	0.0000	-0.2059	0.00E+0	0.00E+0	-1.51E-7
	CC10	0.0000	0.0000	-0.1886	0.00E+0	0.00E+0	-6.81E-8
	CC11	0.0000	0.0000	-0.1731	0.00E+0	0.00E+0	-4.38E-8
	CC12	0.0000	0.0000	-0.1558	0.00E+0	0.00E+0	3.94E-8
	CC13	0.0000	0.0000	-0.0338	0.00E+0	0.00E+0	-5.13E-8
	CC14	0.0000	0.0000	-0.0165	0.00E+0	0.00E+0	3.19E-8
	CC15	0.0000	0.0000	-0.0009	0.00E+0	0.00E+0	5.63E-8
	CC16	0.0000	0.0000	0.0164	0.00E+0	0.00E+0	1.40E-7
43	CC1	0.0000	0.0000	-0.0588	0.00E+0	0.00E+0	4.90E-9
	CC2	0.0000	0.0000	-0.0569	0.00E+0	0.00E+0	5.34E-9
	CC3	0.0000	0.0000	-0.0423	0.00E+0	0.00E+0	3.78E-9

	CC4	0.0000	0.0000	-0.0404	0.00E+0	0.00E+0	4.22E-9
	CC5	0.0000	0.0000	-0.1298	0.00E+0	0.00E+0	-4.11E-9
	CC6	0.0000	0.0000	-0.1280	0.00E+0	0.00E+0	-3.66E-9
	CC7	0.0000	0.0000	-0.1133	0.00E+0	0.00E+0	-5.22E-9
	CC8	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	-4.78E-9
	CC9	0.0000	0.0000	-0.1051	0.00E+0	0.00E+0	2.54E-9
	CC10	0.0000	0.0000	-0.0989	0.00E+0	0.00E+0	4.00E-9
	CC11	0.0000	0.0000	-0.1264	0.00E+0	0.00E+0	-1.61E-1
	CC12	0.0000	0.0000	-0.1202	0.00E+0	0.00E+0	1.30E-9
	CC13	0.0000	0.0000	-0.0500	0.00E+0	0.00E+0	-1.19E-9
	CC14	0.0000	0.0000	-0.0438	0.00E+0	0.00E+0	2.76E-1
	CC15	0.0000	0.0000	-0.0713	0.00E+0	0.00E+0	-3.89E-9
	CC16	0.0000	0.0000	-0.0651	0.00E+0	0.00E+0	-2.43E-9
44	CC1	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	1.20E-9
	CC2	0.0000	0.0000	-0.0775	0.00E+0	0.00E+0	1.34E-9
	CC3	0.0000	0.0000	-0.0562	0.00E+0	0.00E+0	4.14E-1
	CC4	0.0000	0.0000	-0.0548	0.00E+0	0.00E+0	5.58E-1
	CC5	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	-5.32E-1
	CC6	0.0000	0.0000	-0.1137	0.00E+0	0.00E+0	-3.89E-1
	CC7	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	-1.31E-9
	CC8	0.0000	0.0000	-0.0910	0.00E+0	0.00E+0	-1.17E-9
	CC9	0.0000	0.0000	-0.1196	0.00E+0	0.00E+0	1.34E-9
	CC10	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	1.81E-9
	CC11	0.0000	0.0000	-0.1305	0.00E+0	0.00E+0	8.18E-1
	CC12	0.0000	0.0000	-0.1259	0.00E+0	0.00E+0	1.29E-9
	CC13	0.0000	0.0000	-0.0440	0.00E+0	0.00E+0	-1.27E-9
	CC14	0.0000	0.0000	-0.0394	0.00E+0	0.00E+0	-7.92E-1
	CC15	0.0000	0.0000	-0.0548	0.00E+0	0.00E+0	-1.79E-9
	CC16	0.0000	0.0000	-0.0503	0.00E+0	0.00E+0	-1.31E-9
45	CC1	-0.0005	-0.0297	-0.0052	-2.83E-4	-3.94E-4	-1.96E-4
	CC2	-0.0005	-0.0257	-0.0166	-2.43E-4	-3.44E-4	-1.70E-4
	CC3	-0.0006	-0.0398	0.0329	-4.34E-4	-5.47E-4	-2.63E-4
	CC4	-0.0006	-0.0359	0.0216	-3.94E-4	-4.97E-4	-2.37E-4
	CC5	0.0006	0.0361	-0.1880	3.85E-4	5.21E-4	2.39E-4
	CC6	0.0006	0.0401	-0.1994	4.25E-4	5.71E-4	2.65E-4
	CC7	0.0005	0.0259	-0.1498	2.33E-4	3.69E-4	1.71E-4
	CC8	0.0005	0.0299	-0.1612	2.73E-4	4.19E-4	1.98E-4
	CC9	0.0000	0.0006	-0.1006	8.17E-5	4.60E-5	4.32E-6
	CC10	0.0000	0.0138	-0.1383	2.14E-4	2.12E-4	9.14E-5
	CC11	0.0003	0.0203	-0.1554	2.82E-4	3.21E-4	1.35E-4
	CC12	0.0003	0.0335	-0.1931	4.14E-4	4.87E-4	2.22E-4
	CC13	-0.0004	-0.0333	0.0267	-4.24E-4	-4.62E-4	-2.20E-4
	CC14	-0.0004	-0.0201	-0.0110	-2.91E-4	-2.96E-4	-1.33E-4
	CC15	0.0000	-0.0135	-0.0281	-2.24E-4	-1.87E-4	-8.98E-5
	CC16	0.0000	-0.0004	-0.0658	-9.11E-5	-2.12E-5	-2.79E-6
46	CC1	0.0074	-0.0300	-0.0367	-3.13E-4	-4.99E-4	-2.06E-4
	CC2	0.0064	-0.0260	-0.0336	-2.67E-4	-5.44E-4	-1.79E-4
	CC3	0.0101	-0.0403	-0.0513	-4.73E-4	-3.01E-4	-2.77E-4
	CC4	0.0091	-0.0363	-0.0483	-4.27E-4	-3.46E-4	-2.50E-4
	CC5	-0.0091	0.0364	-0.1204	4.22E-4	3.90E-4	2.50E-4
	CC6	-0.0101	0.0404	-0.1173	4.68E-4	3.44E-4	2.78E-4
	CC7	-0.0064	0.0261	-0.1350	2.62E-4	5.88E-4	1.79E-4
	CC8	-0.0074	0.0301	-0.1319	3.08E-4	5.43E-4	2.07E-4
	CC9	-0.0004	0.0006	-0.0524	7.79E-5	-3.67E-4	4.43E-6
	CC10	-0.0037	0.0139	-0.0422	2.30E-4	-5.17E-4	9.57E-5
	CC11	-0.0053	0.0205	-0.0775	2.99E-4	-1.00E-4	1.41E-4
	CC12	-0.0086	0.0338	-0.0673	4.51E-4	-2.50E-4	2.33E-4
	CC13	0.0086	-0.0337	-0.1013	-4.55E-4	2.94E-4	-2.32E-4
	CC14	0.0053	-0.0204	-0.0911	-3.03E-4	1.44E-4	-1.41E-4
	CC15	0.0036	-0.0138	-0.1264	-2.35E-4	5.61E-4	-9.52E-5
	CC16	0.0003	-0.0005	-0.1162	-8.25E-5	4.11E-4	-3.93E-6
47	CC1	-0.0023	0.0377	-0.2371	3.72E-4	-6.37E-4	-1.51E-4
	CC2	-0.0021	0.0331	-0.2305	3.32E-4	-5.99E-4	-1.32E-4
	CC3	-0.0013	0.0184	-0.2007	8.24E-5	-4.60E-4	-7.25E-5
	CC4	-0.0011	0.0138	-0.1941	4.32E-5	-4.22E-4	-5.42E-5
	CC5	0.0011	-0.0139	-0.0070	-4.64E-5	3.83E-4	5.50E-5
	CC6	0.0013	-0.0185	-0.0004	-8.56E-5	4.20E-4	7.34E-5
	CC7	0.0021	-0.0332	0.0295	-3.36E-4	5.60E-4	1.33E-4
	CC8	0.0023	-0.0378	0.0361	-3.75E-4	5.98E-4	1.52E-4
	CC9	-0.0025	0.0475	-0.2068	6.08E-4	-5.31E-4	-1.91E-4
	CC10	-0.0019	0.0323	-0.1849	4.78E-4	-4.06E-4	-1.31E-4
	CC11	-0.0015	0.0320	-0.1377	4.83E-4	-2.25E-4	-1.29E-4



	CC12	-0.0009	0.0168	-0.1159	3.53E-4	-9.98E-5	-6.88E-5
	CC13	0.0008	-0.0169	-0.0852	-3.56E-4	6.06E-5	6.97E-5
	CC14	0.0014	-0.0321	-0.0633	-4.86E-4	1.86E-4	1.30E-4
	CC15	0.0019	-0.0324	-0.0161	-4.81E-4	3.66E-4	1.31E-4
	CC16	0.0024	-0.0476	0.0057	-6.11E-4	4.91E-4	1.92E-4
48	CC1	0.0084	0.0357	-0.1504	4.03E-4	-2.51E-4	-1.80E-4
	CC2	0.0074	0.0314	-0.1577	3.59E-4	-2.79E-4	-1.59E-4
	CC3	0.0035	0.0172	-0.2134	1.05E-4	-5.38E-4	-8.60E-5
	CC4	0.0025	0.0129	-0.2208	6.08E-5	-5.65E-4	-6.41E-5
	CC5	-0.0026	-0.0131	0.0184	-7.14E-5	5.17E-4	6.47E-5
	CC6	-0.0035	-0.0175	0.0110	-1.16E-4	4.89E-4	8.65E-5
	CC7	-0.0075	-0.0316	-0.0447	-3.69E-4	2.30E-4	1.59E-4
	CC8	-0.0084	-0.0359	-0.0520	-4.14E-4	2.03E-4	1.81E-4
	CC9	0.0114	0.0452	-0.0093	6.36E-4	3.84E-4	-2.30E-4
	CC10	0.0082	0.0308	-0.0335	4.89E-4	2.93E-4	-1.58E-4
	CC11	0.0081	0.0306	0.0413	4.94E-4	6.14E-4	-1.57E-4
	CC12	0.0049	0.0162	0.0171	3.47E-4	5.23E-4	-8.42E-5
	CC13	-0.0050	-0.0164	-0.2195	-3.57E-4	-5.71E-4	8.48E-5
	CC14	-0.0082	-0.0308	-0.2437	-5.04E-4	-6.63E-4	1.57E-4
	CC15	-0.0083	-0.0311	-0.1689	-5.00E-4	-3.41E-4	1.58E-4
	CC16	-0.0115	-0.0455	-0.1931	-6.47E-4	-4.32E-4	2.31E-4
49	CC1	-0.0008	0.0371	-0.1868	4.59E-4	-4.17E-4	2.82E-5
	CC2	-0.0010	0.0326	-0.1879	4.09E-4	-4.14E-4	2.45E-5
	CC3	-0.0021	0.0181	-0.2088	1.09E-4	-4.91E-4	1.68E-5
	CC4	-0.0023	0.0135	-0.2099	5.93E-5	-4.88E-4	1.31E-5
	CC5	0.0023	-0.0137	0.0086	-6.83E-5	4.43E-4	-1.37E-5
	CC6	0.0020	-0.0182	0.0076	-1.18E-4	4.45E-4	-1.73E-5
	CC7	0.0009	-0.0327	-0.0133	-4.18E-4	3.68E-4	-2.51E-5
	CC8	0.0007	-0.0373	-0.0144	-4.68E-4	3.71E-4	-2.88E-5
	CC9	0.0021	0.0468	-0.0915	7.40E-4	-3.25E-5	3.11E-5
	CC10	0.0014	0.0318	-0.0951	5.75E-4	-2.34E-5	1.90E-5
	CC11	0.0030	0.0315	-0.0329	5.82E-4	2.25E-4	1.85E-5
	CC12	0.0023	0.0166	-0.0364	4.17E-4	2.34E-4	6.41E-6
	CC13	-0.0024	-0.0167	-0.1648	-4.26E-4	-2.80E-4	-6.97E-6
	CC14	-0.0031	-0.0317	-0.1684	-5.91E-4	-2.71E-4	-1.91E-5
	CC15	-0.0015	-0.0320	-0.1062	-5.84E-4	-2.23E-5	-1.95E-5
	CC16	-0.0022	-0.0469	-0.1097	-7.49E-4	-1.31E-5	-3.17E-5
50	CC1	-0.0014	0.0367	-0.2158	4.34E-4	-5.48E-4	-3.32E-5
	CC2	-0.0018	0.0322	-0.2120	3.88E-4	-5.23E-4	-2.93E-5
	CC3	-0.0031	0.0179	-0.1978	9.68E-5	-4.61E-4	-1.36E-5
	CC4	-0.0035	0.0135	-0.1940	5.06E-5	-4.36E-4	-9.72E-6
	CC5	0.0034	-0.0136	-0.0066	-5.54E-5	3.94E-4	1.02E-5
	CC6	0.0030	-0.0180	-0.0028	-1.02E-4	4.19E-4	1.41E-5
	CC7	0.0017	-0.0323	0.0114	-3.93E-4	4.81E-4	2.98E-5
	CC8	0.0013	-0.0368	0.0152	-4.39E-4	5.06E-4	3.37E-5
	CC9	0.0027	0.0462	-0.1679	7.10E-4	-3.48E-4	-4.54E-5
	CC10	0.0013	0.0314	-0.1553	5.57E-4	-2.66E-4	-3.25E-5
	CC11	0.0041	0.0311	-0.1051	5.63E-4	-6.56E-5	-3.23E-5
	CC12	0.0028	0.0163	-0.0926	4.10E-4	1.63E-5	-1.94E-5
	CC13	-0.0029	-0.0164	-0.1080	-4.15E-4	-5.83E-5	1.99E-5
	CC14	-0.0042	-0.0312	-0.0954	-5.68E-4	2.36E-5	3.28E-5
	CC15	-0.0014	-0.0315	-0.0452	-5.61E-4	2.24E-4	3.30E-5
	CC16	-0.0028	-0.0463	-0.0327	-7.14E-4	3.06E-4	4.59E-5
51	CC1	0.2079	-0.2938	-0.1782	-7.63E-4	-8.38E-4	-1.36E-4
	CC2	0.1896	-0.2515	-0.1677	-6.49E-4	-7.65E-4	-1.18E-4
	CC3	0.1965	-0.4445	-0.2515	-1.21E-3	-7.76E-4	-1.21E-4
	CC4	0.1782	-0.4022	-0.2410	-1.09E-3	-7.03E-4	-1.04E-4
	CC5	-0.1873	0.3977	0.0385	1.11E-3	7.03E-4	1.09E-4
	CC6	-0.2055	0.4400	0.0490	1.22E-3	7.75E-4	1.27E-4
	CC7	-0.1986	0.2470	-0.0348	6.67E-4	7.65E-4	1.23E-4
	CC8	-0.2169	0.2893	-0.0243	7.80E-4	8.38E-4	1.41E-4
	CC9	0.1040	0.0752	-0.0290	2.79E-4	-4.55E-4	-8.71E-5
	CC10	0.0435	0.2153	0.0058	6.56E-4	-2.15E-4	-2.85E-5
	CC11	-0.0146	0.2826	0.0360	8.41E-4	7.47E-6	-1.37E-5
	CC12	-0.0750	0.4227	0.0708	1.22E-3	2.48E-4	4.49E-5
	CC13	0.0660	-0.4273	-0.2733	-1.20E-3	-2.48E-4	-3.95E-5
	CC14	0.0056	-0.2871	-0.2385	-8.23E-4	-7.62E-6	1.91E-5
	CC15	-0.0525	-0.2198	-0.2083	-6.38E-4	2.15E-4	3.39E-5
	CC16	-0.1130	-0.0797	-0.1735	-2.61E-4	4.55E-4	9.25E-5
52	CC1	0.1667	-0.2936	-0.1631	-7.83E-4	-5.51E-4	-1.37E-4
	CC2	0.1599	-0.2513	-0.1521	-6.69E-4	-5.31E-4	-1.20E-4
	CC3	0.1643	-0.4444	-0.2040	-1.22E-3	-5.37E-4	-1.23E-4

	CC4	0.1574	-0.4020	-0.1931	-1.10E-3	-5.17E-4	-1.05E-4
	CC5	-0.1627	0.3979	0.0145	1.06E-3	4.85E-4	1.07E-4
	CC6	-0.1695	0.4402	0.0254	1.17E-3	5.05E-4	1.25E-4
	CC7	-0.1652	0.2472	-0.0264	6.25E-4	4.99E-4	1.22E-4
	CC8	-0.1720	0.2895	-0.0155	7.39E-4	5.19E-4	1.39E-4
	CC9	0.0622	0.0754	-0.0658	2.37E-4	-2.28E-4	-8.89E-5
	CC10	0.0396	0.2155	-0.0296	6.14E-4	-1.61E-4	-3.02E-5
	CC11	-0.0366	0.2828	-0.0125	7.90E-4	8.24E-5	-1.54E-5
	CC12	-0.0593	0.4229	0.0237	1.17E-3	1.49E-4	4.32E-5
	CC13	0.0540	-0.4271	-0.2022	-1.21E-3	-1.82E-4	-4.12E-5
	CC14	0.0314	-0.2869	-0.1661	-8.34E-4	-1.15E-4	1.74E-5
	CC15	-0.0448	-0.2196	-0.1490	-6.58E-4	1.29E-4	3.22E-5
	CC16	-0.0675	-0.0795	-0.1128	-2.81E-4	1.96E-4	9.08E-5
53	CC1	0.1506	-0.2934	0.0583	-9.26E-4	-5.56E-4	-1.37E-4
	CC2	0.1489	-0.2510	0.0368	-7.89E-4	-5.48E-4	-1.19E-4
	CC3	0.1542	-0.4441	0.1384	-1.44E-3	-5.79E-4	-1.23E-4
	CC4	0.1525	-0.4018	0.1168	-1.30E-3	-5.71E-4	-1.05E-4
	CC5	-0.1559	0.3982	-0.2884	1.28E-3	5.59E-4	1.08E-4
	CC6	-0.1576	0.4405	-0.3099	1.41E-3	5.67E-4	1.25E-4
	CC7	-0.1523	0.2474	-0.2083	7.64E-4	5.37E-4	1.22E-4
	CC8	-0.1540	0.2898	-0.2299	9.00E-4	5.45E-4	1.40E-4
	CC9	0.0412	0.0756	-0.1315	2.87E-4	-1.49E-4	-8.84E-5
	CC10	0.0354	0.2157	-0.2029	7.40E-4	-1.23E-4	-2.98E-5
	CC11	-0.0508	0.2831	-0.2355	9.48E-4	1.86E-4	-1.50E-5
	CC12	-0.0565	0.4232	-0.3069	1.40E-3	2.12E-4	4.36E-5
	CC13	0.0532	-0.4268	0.1354	-1.43E-3	-2.24E-4	-4.08E-5
	CC14	0.0474	-0.2867	0.0640	-9.74E-4	-1.97E-4	1.78E-5
	CC15	-0.0388	-0.2193	0.0313	-7.66E-4	1.11E-4	3.26E-5
	CC16	-0.0445	-0.0792	-0.0400	-3.13E-4	1.37E-4	9.12E-5
54	CC1	0.2076	-0.2336	-0.1256	-7.84E-4	-4.32E-4	-1.38E-4
	CC2	0.1894	-0.1989	-0.1228	-6.56E-4	-3.98E-4	-1.21E-4
	CC3	0.1962	-0.3905	-0.1490	-1.42E-3	-3.56E-4	-1.24E-4
	CC4	0.1780	-0.3558	-0.1462	-1.29E-3	-3.22E-4	-1.06E-4
	CC5	-0.1875	0.3518	-0.0573	1.39E-3	3.66E-4	1.06E-4
	CC6	-0.2058	0.3864	-0.0546	1.52E-3	4.01E-4	1.24E-4
	CC7	-0.1989	0.1948	-0.0807	7.59E-4	4.42E-4	1.21E-4
	CC8	-0.2171	0.2295	-0.0780	8.88E-4	4.76E-4	1.38E-4
	CC9	0.1037	0.1144	-0.0776	5.66E-4	-2.80E-4	-8.99E-5
	CC10	0.0433	0.2290	-0.0684	9.91E-4	-1.67E-4	-3.13E-5
	CC11	-0.0148	0.2900	-0.0571	1.22E-3	-4.08E-5	-1.65E-5
	CC12	-0.0753	0.4046	-0.0480	1.64E-3	7.25E-5	4.21E-5
	CC13	0.0657	-0.4087	-0.1556	-1.54E-3	-2.83E-5	-4.23E-5
	CC14	0.0053	-0.2940	-0.1464	-1.12E-3	8.50E-5	1.64E-5
	CC15	-0.0528	-0.2331	-0.1351	-8.88E-4	2.11E-4	3.11E-5
	CC16	-0.1132	-0.1184	-0.1259	-4.63E-4	3.25E-4	8.98E-5
55	CC1	0.1667	-0.2334	-0.1240	-8.13E-4	-1.63E-4	-1.38E-4
	CC2	0.1599	-0.1988	-0.1217	-6.95E-4	-1.76E-4	-1.20E-4
	CC3	0.1642	-0.3904	-0.1355	-1.36E-3	-9.47E-5	-1.24E-4
	CC4	0.1574	-0.3557	-0.1332	-1.24E-3	-1.08E-4	-1.06E-4
	CC5	-0.1627	0.3519	-0.0718	1.15E-3	9.81E-5	1.07E-4
	CC6	-0.1696	0.3865	-0.0696	1.26E-3	8.49E-5	1.24E-4
	CC7	-0.1652	0.1950	-0.0833	5.98E-4	1.66E-4	1.21E-4
	CC8	-0.1720	0.2296	-0.0811	7.15E-4	1.53E-4	1.39E-4
	CC9	0.0622	0.1145	-0.0949	3.77E-4	-1.36E-4	-8.95E-5
	CC10	0.0395	0.2292	-0.0875	7.65E-4	-1.80E-4	-3.09E-5
	CC11	-0.0367	0.2901	-0.0792	9.64E-4	-5.79E-5	-1.61E-5
	CC12	-0.0593	0.4048	-0.0718	1.35E-3	-1.01E-4	4.25E-5
	CC13	0.0539	-0.4086	-0.1332	-1.45E-3	9.17E-5	-4.18E-5
	CC14	0.0313	-0.2939	-0.1258	-1.06E-3	4.81E-5	1.68E-5
	CC15	-0.0449	-0.2330	-0.1175	-8.63E-4	1.70E-4	3.16E-5
	CC16	-0.0675	-0.1183	-0.1102	-4.74E-4	1.26E-4	9.02E-5
56	CC1	0.1505	-0.2334	-0.0680	-8.35E-4	-3.29E-4	-1.37E-4
	CC2	0.1488	-0.1988	-0.0708	-7.10E-4	-3.14E-4	-1.19E-4
	CC3	0.1541	-0.3903	-0.0528	-1.45E-3	-3.82E-4	-1.23E-4
	CC4	0.1524	-0.3557	-0.0557	-1.32E-3	-3.67E-4	-1.05E-4
	CC5	-0.1559	0.3519	-0.1265	1.27E-3	3.80E-4	1.08E-4
	CC6	-0.1576	0.3865	-0.1294	1.40E-3	3.96E-4	1.25E-4
	CC7	-0.1523	0.1950	-0.1114	6.61E-4	3.27E-4	1.22E-4
	CC8	-0.1540	0.2296	-0.1142	7.87E-4	3.43E-4	1.40E-4
	CC9	0.0411	0.1145	-0.1028	4.70E-4	-3.71E-5	-8.85E-5
	CC10	0.0354	0.2292	-0.1123	8.85E-4	1.41E-5	-2.99E-5
	CC11	-0.0509	0.2901	-0.1204	1.10E-3	1.76E-4	-1.51E-5

	CC12	-0.0566	0.4048	-0.1298	1.52E-3	2.27E-4	4.35E-5
	CC13	0.0531	-0.4086	-0.0524	-1.57E-3	-2.13E-4	-4.08E-5
	CC14	0.0474	-0.2939	-0.0618	-1.15E-3	-1.62E-4	1.78E-5
	CC15	-0.0389	-0.2330	-0.0699	-9.33E-4	-5.53E-7	3.26E-5
	CC16	-0.0446	-0.1183	-0.0794	-5.18E-4	5.06E-5	9.12E-5
57	CC1	0.2075	-0.1831	-0.0970	-5.88E-4	-4.53E-4	-1.38E-4
	CC2	0.1893	-0.1549	-0.0960	-4.84E-4	-4.14E-4	-1.21E-4
	CC3	0.1961	-0.3452	-0.0717	-1.25E-3	-4.15E-4	-1.24E-4
	CC4	0.1779	-0.3170	-0.0707	-1.14E-3	-3.76E-4	-1.06E-4
	CC5	-0.1876	0.3135	-0.1266	1.26E-3	3.90E-4	1.06E-4
	CC6	-0.2059	0.3417	-0.1256	1.36E-3	4.30E-4	1.24E-4
	CC7	-0.1990	0.1514	-0.1013	5.95E-4	4.28E-4	1.21E-4
	CC8	-0.2172	0.1796	-0.1003	6.99E-4	4.68E-4	1.38E-4
	CC9	0.1036	0.1473	-0.1380	7.07E-4	-2.48E-4	-8.98E-5
	CC10	0.0432	0.2407	-0.1347	1.05E-3	-1.17E-4	-3.12E-5
	CC11	-0.0149	0.2962	-0.1469	1.26E-3	4.84E-6	-1.64E-5
	CC12	-0.0754	0.3896	-0.1436	1.60E-3	1.36E-4	4.22E-5
	CC13	0.0656	-0.3931	-0.0537	-1.49E-3	-1.22E-4	-4.21E-5
	CC14	0.0052	-0.2997	-0.0504	-1.15E-3	9.86E-6	1.65E-5
	CC15	-0.0529	-0.2441	-0.0626	-9.40E-4	1.32E-4	3.13E-5
	CC16	-0.1133	-0.1507	-0.0593	-5.95E-4	2.63E-4	8.99E-5
58	CC1	0.1669	-0.1829	-0.0930	-6.27E-4	-3.58E-4	-1.37E-4
	CC2	0.1601	-0.1547	-0.0931	-5.35E-4	-3.41E-4	-1.19E-4
	CC3	0.1645	-0.3450	-0.0962	-1.20E-3	-3.74E-4	-1.23E-4
	CC4	0.1576	-0.3168	-0.0962	-1.11E-3	-3.57E-4	-1.05E-4
	CC5	-0.1625	0.3137	-0.1080	9.98E-4	3.59E-4	1.08E-4
	CC6	-0.1693	0.3419	-0.1080	1.09E-3	3.76E-4	1.25E-4
	CC7	-0.1650	0.1515	-0.1111	4.21E-4	3.43E-4	1.22E-4
	CC8	-0.1718	0.1798	-0.1112	5.13E-4	3.60E-4	1.40E-4
	CC9	0.0624	0.1474	-0.0946	5.08E-4	-1.08E-4	-8.85E-5
	CC10	0.0398	0.2408	-0.0947	8.13E-4	-5.14E-5	-2.98E-5
	CC11	-0.0364	0.2964	-0.0991	9.96E-4	1.07E-4	-1.50E-5
	CC12	-0.0591	0.3898	-0.0992	1.30E-3	1.64E-4	4.36E-5
	CC13	0.0542	-0.3929	-0.1050	-1.42E-3	-1.61E-4	-4.08E-5
	CC14	0.0316	-0.2996	-0.1051	-1.11E-3	-1.05E-4	1.78E-5
	CC15	-0.0446	-0.2440	-0.1095	-9.28E-4	5.39E-5	3.26E-5
	CC16	-0.0673	-0.1506	-0.1096	-6.23E-4	1.10E-4	9.12E-5
59	CC1	0.1506	-0.1829	-0.0769	-6.26E-4	-3.31E-4	-1.38E-4
	CC2	0.1489	-0.1547	-0.0783	-5.29E-4	-3.27E-4	-1.20E-4
	CC3	0.1542	-0.3450	-0.0676	-1.24E-3	-3.22E-4	-1.24E-4
	CC4	0.1525	-0.3168	-0.0690	-1.14E-3	-3.19E-4	-1.06E-4
	CC5	-0.1559	0.3137	-0.1131	1.09E-3	3.16E-4	1.07E-4
	CC6	-0.1576	0.3419	-0.1145	1.19E-3	3.20E-4	1.24E-4
	CC7	-0.1523	0.1516	-0.1038	4.80E-4	3.25E-4	1.21E-4
	CC8	-0.1540	0.1798	-0.1052	5.78E-4	3.28E-4	1.39E-4
	CC9	0.0411	0.1474	-0.0989	5.73E-4	-1.18E-4	-8.97E-5
	CC10	0.0354	0.2408	-0.1035	8.95E-4	-1.07E-4	-3.10E-5
	CC11	-0.0508	0.2964	-0.1097	1.09E-3	7.57E-5	-1.63E-5
	CC12	-0.0566	0.3898	-0.1143	1.41E-3	8.69E-5	4.24E-5
	CC13	0.0531	-0.3929	-0.0679	-1.46E-3	-8.92E-5	-4.20E-5
	CC14	0.0474	-0.2995	-0.0724	-1.14E-3	-7.80E-5	1.66E-5
	CC15	-0.0388	-0.2440	-0.0787	-9.43E-4	1.05E-4	3.14E-5
	CC16	-0.0446	-0.1506	-0.0833	-6.22E-4	1.16E-4	9.00E-5
60	CC1	0.2075	-0.1327	-0.0807	-2.72E-4	-4.55E-4	-1.38E-4
	CC2	0.1892	-0.1109	-0.0800	-2.12E-4	-4.15E-4	-1.20E-4
	CC3	0.1961	-0.3000	-0.0921	-7.99E-4	-4.09E-4	-1.24E-4
	CC4	0.1778	-0.2782	-0.0915	-7.39E-4	-3.69E-4	-1.06E-4
	CC5	-0.1876	0.2752	-0.1036	8.66E-4	3.84E-4	1.07E-4
	CC6	-0.2059	0.2970	-0.1029	9.27E-4	4.24E-4	1.25E-4
	CC7	-0.1990	0.1079	-0.1150	3.39E-4	4.30E-4	1.21E-4
	CC8	-0.2173	0.1297	-0.1144	4.00E-4	4.70E-4	1.39E-4
	CC9	0.1036	0.1801	-0.0761	6.71E-4	-2.61E-4	-8.93E-5
	CC10	0.0431	0.2522	-0.0739	8.71E-4	-1.29E-4	-3.07E-5
	CC11	-0.0150	0.3024	-0.0830	1.01E-3	-9.83E-6	-1.59E-5
	CC12	-0.0754	0.3746	-0.0808	1.21E-3	1.22E-4	4.27E-5
	CC13	0.0656	-0.3775	-0.1143	-1.09E-3	-1.08E-4	-4.17E-5
	CC14	0.0052	-0.3054	-0.1121	-8.85E-4	2.46E-5	1.70E-5
	CC15	-0.0529	-0.2552	-0.1211	-7.44E-4	1.44E-4	3.17E-5
	CC16	-0.1134	-0.1831	-0.1189	-5.44E-4	2.76E-4	9.04E-5
61	CC1	0.1674	-0.1324	-0.0794	-1.38E-4	-3.34E-4	-1.37E-4
	CC2	0.1605	-0.1106	-0.0787	-1.23E-4	-3.20E-4	-1.19E-4
	CC3	0.1649	-0.2997	-0.0954	-2.86E-4	-3.41E-4	-1.23E-4

	CC4	0.1581	-0.2779	-0.0947	-2.70E-4	-3.27E-4	-1.05E-4
	CC5	-0.1621	0.2754	-0.1125	1.95E-4	3.27E-4	1.08E-4
	CC6	-0.1689	0.2972	-0.1117	2.11E-4	3.41E-4	1.25E-4
	CC7	-0.1646	0.1081	-0.1285	4.69E-5	3.19E-4	1.22E-4
	CC8	-0.1714	0.1299	-0.1277	6.27E-5	3.34E-4	1.40E-4
	CC9	0.0628	0.1803	-0.0732	1.33E-4	-1.11E-4	-8.85E-5
	CC10	0.0402	0.2524	-0.0707	1.85E-4	-6.37E-5	-2.98E-5
	CC11	-0.0360	0.3027	-0.0831	2.33E-4	8.70E-5	-1.51E-5
	CC12	-0.0586	0.3748	-0.0806	2.85E-4	1.34E-4	4.36E-5
	CC13	0.0546	-0.3773	-0.1265	-3.60E-4	-1.35E-4	-4.08E-5
	CC14	0.0320	-0.3052	-0.1240	-3.08E-4	-8.73E-5	1.78E-5
	CC15	-0.0442	-0.2549	-0.1364	-2.60E-4	6.34E-5	3.26E-5
	CC16	-0.0669	-0.1828	-0.1339	-2.08E-4	1.11E-4	9.12E-5
62	CC1	0.1507	-0.1324	-0.0747	-1.63E-4	-3.08E-4	-1.37E-4
	CC2	0.1490	-0.1106	-0.0772	-1.43E-4	-3.02E-4	-1.20E-4
	CC3	0.1543	-0.2997	-0.0513	-3.52E-4	-3.21E-4	-1.23E-4
	CC4	0.1526	-0.2779	-0.0537	-3.32E-4	-3.15E-4	-1.05E-4
	CC5	-0.1558	0.2755	-0.1329	2.61E-4	3.12E-4	1.07E-4
	CC6	-0.1575	0.2972	-0.1353	2.81E-4	3.18E-4	1.25E-4
	CC7	-0.1522	0.1082	-0.1094	7.20E-5	2.99E-4	1.22E-4
	CC8	-0.1539	0.1299	-0.1119	9.25E-5	3.05E-4	1.39E-4
	CC9	0.0412	0.1803	-0.1196	1.82E-4	-8.21E-5	-8.87E-5
	CC10	0.0355	0.2525	-0.1277	2.50E-4	-6.33E-5	-3.01E-5
	CC11	-0.0507	0.3027	-0.1371	3.09E-4	1.04E-4	-1.53E-5
	CC12	-0.0564	0.3748	-0.1451	3.77E-4	1.23E-4	4.33E-5
	CC13	0.0532	-0.3773	-0.0415	-4.48E-4	-1.26E-4	-4.11E-5
	CC14	0.0475	-0.3052	-0.0495	-3.80E-4	-1.07E-4	1.75E-5
	CC15	-0.0387	-0.2549	-0.0589	-3.20E-4	6.03E-5	3.23E-5
	CC16	-0.0444	-0.1828	-0.0670	-2.53E-4	7.91E-5	9.09E-5
63	CC1	0.2075	-0.0828	-0.1002	-1.88E-4	-4.54E-4	-1.36E-4
	CC2	0.1893	-0.0674	-0.1000	-1.34E-4	-4.14E-4	-1.18E-4
	CC3	0.1961	-0.2553	-0.0803	-9.05E-4	-4.18E-4	-1.22E-4
	CC4	0.1779	-0.2399	-0.0801	-8.52E-4	-3.77E-4	-1.04E-4
	CC5	-0.1876	0.2364	-0.1127	9.63E-4	3.86E-4	1.09E-4
	CC6	-0.2059	0.2517	-0.1125	1.02E-3	4.26E-4	1.26E-4
	CC7	-0.1990	0.0639	-0.0928	2.45E-4	4.22E-4	1.23E-4
	CC8	-0.2173	0.0793	-0.0927	2.99E-4	4.63E-4	1.41E-4
	CC9	0.1036	0.2124	-0.1279	9.89E-4	-2.49E-4	-8.77E-5
	CC10	0.0432	0.2632	-0.1273	1.17E-3	-1.16E-4	-2.90E-5
	CC11	-0.0149	0.3081	-0.1316	1.33E-3	2.91E-6	-1.43E-5
	CC12	-0.0754	0.3590	-0.1311	1.51E-3	1.36E-4	4.44E-5
	CC13	0.0656	-0.3625	-0.0617	-1.40E-3	-1.28E-4	-4.00E-5
	CC14	0.0052	-0.3117	-0.0612	-1.22E-3	5.89E-6	1.86E-5
	CC15	-0.0529	-0.2668	-0.0655	-1.06E-3	1.24E-4	3.34E-5
	CC16	-0.1133	-0.2159	-0.0649	-8.78E-4	2.58E-4	9.20E-5
64	CC1	0.1680	-0.0826	-0.0324	-2.07E-4	-3.99E-5	-1.37E-4
	CC2	0.1612	-0.0673	-0.0339	-1.66E-4	-3.80E-5	-1.19E-4
	CC3	0.1656	-0.2551	-0.0433	-8.86E-4	-2.12E-5	-1.22E-4
	CC4	0.1587	-0.2397	-0.0449	-8.44E-4	-1.92E-5	-1.05E-4
	CC5	-0.1614	0.2365	-0.1646	7.53E-4	1.30E-5	1.08E-4
	CC6	-0.1682	0.2519	-0.1662	7.95E-4	1.50E-5	1.26E-4
	CC7	-0.1639	0.0641	-0.1756	7.45E-5	3.18E-5	1.22E-4
	CC8	-0.1707	0.0794	-0.1772	1.16E-4	3.38E-5	1.40E-4
	CC9	0.0635	0.2126	-0.0641	8.72E-4	-4.56E-5	-8.81E-5
	CC10	0.0409	0.2634	-0.0693	1.01E-3	-3.91E-5	-2.95E-5
	CC11	-0.0353	0.3083	-0.1037	1.16E-3	-2.97E-5	-1.47E-5
	CC12	-0.0580	0.3591	-0.1090	1.30E-3	-2.32E-5	4.39E-5
	CC13	0.0553	-0.3623	-0.1006	-1.39E-3	1.71E-5	-4.05E-5
	CC14	0.0327	-0.3115	-0.1058	-1.25E-3	2.35E-5	1.82E-5
	CC15	-0.0436	-0.2666	-0.1403	-1.10E-3	3.30E-5	3.29E-5
	CC16	-0.0662	-0.2158	-0.1455	-9.63E-4	3.94E-5	9.16E-5
65	CC1	0.1509	-0.0826	-0.0624	-2.33E-4	-3.03E-4	-1.38E-4
	CC2	0.1492	-0.0672	-0.0636	-1.86E-4	-2.98E-4	-1.20E-4
	CC3	0.1545	-0.2551	-0.0512	-8.89E-4	-3.28E-4	-1.24E-4
	CC4	0.1528	-0.2397	-0.0525	-8.43E-4	-3.22E-4	-1.06E-4
	CC5	-0.1556	0.2366	-0.1374	7.89E-4	3.18E-4	1.07E-4
	CC6	-0.1573	0.2519	-0.1387	8.36E-4	3.23E-4	1.24E-4
	CC7	-0.1520	0.0641	-0.1263	1.32E-4	2.94E-4	1.21E-4
	CC8	-0.1537	0.0795	-0.1276	1.79E-4	2.99E-4	1.39E-4
	CC9	0.0415	0.2126	-0.1002	8.37E-4	-6.37E-5	-8.94E-5
	CC10	0.0357	0.2634	-0.1044	9.92E-4	-4.67E-5	-3.08E-5
	CC11	-0.0505	0.3083	-0.1227	1.14E-3	1.23E-4	-1.60E-5

	CC12	-0.0562	0.3592	-0.1269	1.30E-3	1.40E-4	4.26E-5
	CC13	0.0535	-0.3623	-0.0630	-1.35E-3	-1.44E-4	-4.17E-5
	CC14	0.0477	-0.3115	-0.0672	-1.20E-3	-1.27E-4	1.69E-5
	CC15	-0.0385	-0.2666	-0.0855	-1.05E-3	4.23E-5	3.17E-5
	CC16	-0.0442	-0.2157	-0.0898	-8.91E-4	5.94E-5	9.03E-5
66	CC1	0.2076	-0.0319	-0.0810	8.73E-6	-4.76E-4	-1.36E-4
	CC2	0.1894	-0.0231	-0.0811	3.74E-5	-4.34E-4	-1.18E-4
	CC3	0.1962	-0.2097	-0.0999	-7.46E-4	-4.38E-4	-1.22E-4
	CC4	0.1780	-0.2009	-0.0999	-7.17E-4	-3.95E-4	-1.04E-4
	CC5	-0.1875	0.1962	-0.0950	8.24E-4	4.04E-4	1.09E-4
	CC6	-0.2058	0.2049	-0.0950	8.52E-4	4.46E-4	1.26E-4
	CC7	-0.1989	0.0184	-0.1138	6.92E-5	4.42E-4	1.23E-4
	CC8	-0.2172	0.0271	-0.1139	9.79E-5	4.84E-4	1.41E-4
	CC9	0.1037	0.2453	-0.0639	1.14E-3	-2.62E-4	-8.74E-5
	CC10	0.0433	0.2742	-0.0641	1.24E-3	-1.22E-4	-2.88E-5
	CC11	-0.0149	0.3137	-0.0681	1.39E-3	2.30E-6	-1.40E-5
	CC12	-0.0753	0.3426	-0.0682	1.48E-3	1.42E-4	4.46E-5
	CC13	0.0657	-0.3474	-0.1267	-1.37E-3	-1.33E-4	-3.98E-5
	CC14	0.0053	-0.3184	-0.1268	-1.28E-3	5.88E-6	1.89E-5
	CC15	-0.0528	-0.2790	-0.1308	-1.13E-3	1.31E-4	3.37E-5
	CC16	-0.1132	-0.2500	-0.1310	-1.03E-3	2.70E-4	9.23E-5
67	CC1	0.1684	-0.0318	-0.0050	-5.75E-5	-3.22E-4	-1.37E-4
	CC2	0.1615	-0.0230	-0.0073	-2.90E-5	-3.08E-4	-1.19E-4
	CC3	0.1659	-0.2096	-0.0161	-8.43E-4	-3.17E-4	-1.22E-4
	CC4	0.1591	-0.2008	-0.0184	-8.14E-4	-3.03E-4	-1.05E-4
	CC5	-0.1611	0.1963	-0.1864	7.74E-4	3.22E-4	1.08E-4
	CC6	-0.1679	0.2050	-0.1887	8.03E-4	3.36E-4	1.26E-4
	CC7	-0.1635	0.0185	-0.1975	-1.06E-5	3.27E-4	1.22E-4
	CC8	-0.1704	0.0272	-0.1998	1.79E-5	3.42E-4	1.40E-4
	CC9	0.0638	0.2454	-0.0529	1.12E-3	-1.20E-4	-8.82E-5
	CC10	0.0412	0.2743	-0.0605	1.21E-3	-7.28E-5	-2.96E-5
	CC11	-0.0350	0.3138	-0.1073	1.37E-3	7.32E-5	-1.48E-5
	CC12	-0.0576	0.3428	-0.1149	1.46E-3	1.20E-4	4.39E-5
	CC13	0.0556	-0.3473	-0.0899	-1.50E-3	-1.01E-4	-4.05E-5
	CC14	0.0330	-0.3183	-0.0975	-1.41E-3	-5.41E-5	1.81E-5
	CC15	-0.0432	-0.2789	-0.1443	-1.25E-3	9.19E-5	3.29E-5
	CC16	-0.0658	-0.2499	-0.1519	-1.16E-3	1.39E-4	9.15E-5
68	CC1	0.1512	-0.0317	-0.0162	3.21E-6	-5.66E-5	-1.37E-4
	CC2	0.1495	-0.0230	-0.0162	2.27E-5	-4.88E-5	-1.19E-4
	CC3	0.1548	-0.2095	-0.0299	-7.22E-4	-1.86E-4	-1.23E-4
	CC4	0.1531	-0.2008	-0.0300	-7.03E-4	-1.78E-4	-1.05E-4
	CC5	-0.1553	0.1963	-0.1665	6.62E-4	1.89E-4	1.08E-4
	CC6	-0.1570	0.2051	-0.1665	6.81E-4	1.97E-4	1.25E-4
	CC7	-0.1517	0.0185	-0.1802	-6.36E-5	6.00E-5	1.22E-4
	CC8	-0.1534	0.0273	-0.1802	-4.41E-5	6.78E-5	1.40E-4
	CC9	0.0417	0.2454	-0.0528	1.06E-3	1.71E-4	-8.86E-5
	CC10	0.0360	0.2744	-0.0529	1.12E-3	1.96E-4	-3.00E-5
	CC11	-0.0502	0.3138	-0.0979	1.26E-3	2.45E-4	-1.52E-5
	CC12	-0.0560	0.3428	-0.0979	1.32E-3	2.70E-4	4.34E-5
	CC13	0.0537	-0.3473	-0.0985	-1.36E-3	-2.59E-4	-4.10E-5
	CC14	0.0480	-0.3183	-0.0986	-1.30E-3	-2.33E-4	1.77E-5
	CC15	-0.0382	-0.2788	-0.1436	-1.16E-3	-1.85E-4	3.24E-5
	CC16	-0.0440	-0.2499	-0.1437	-1.10E-3	-1.60E-4	9.11E-5
69	CC1	0.2078	0.0191	-0.0860	2.17E-4	-4.77E-4	-1.37E-4
	CC2	0.1895	0.0212	-0.0862	2.20E-4	-4.35E-4	-1.20E-4
	CC3	0.1964	-0.1640	-0.0971	-5.70E-4	-4.35E-4	-1.23E-4
	CC4	0.1781	-0.1619	-0.0973	-5.68E-4	-3.93E-4	-1.05E-4
	CC5	-0.1873	0.1563	-0.1009	6.70E-4	3.98E-4	1.07E-4
	CC6	-0.2056	0.1584	-0.1012	6.73E-4	4.40E-4	1.25E-4
	CC7	-0.1987	-0.0269	-0.1120	-1.17E-4	4.41E-4	1.22E-4
	CC8	-0.2170	-0.0247	-0.1123	-1.15E-4	4.82E-4	1.39E-4
	CC9	0.1039	0.2783	-0.0779	1.29E-3	-2.69E-4	-8.88E-5
	CC10	0.0434	0.2854	-0.0788	1.30E-3	-1.30E-4	-3.01E-5
	CC11	-0.0147	0.3194	-0.0824	1.43E-3	-6.35E-6	-1.54E-5
	CC12	-0.0751	0.3265	-0.0833	1.44E-3	1.32E-4	4.33E-5
	CC13	0.0659	-0.3321	-0.1149	-1.33E-3	-1.27E-4	-4.11E-5
	CC14	0.0055	-0.3250	-0.1158	-1.33E-3	1.15E-5	1.75E-5
	CC15	-0.0526	-0.2910	-0.1194	-1.20E-3	1.36E-4	3.23E-5
	CC16	-0.1131	-0.2839	-0.1203	-1.19E-3	2.74E-4	9.09E-5
70	CC1	0.1687	0.0192	-0.0501	1.41E-4	-5.40E-4	-1.38E-4
	CC2	0.1618	0.0213	-0.0504	1.44E-4	-5.17E-4	-1.20E-4
	CC3	0.1662	-0.1639	-0.0620	-6.76E-4	-5.36E-4	-1.24E-4

	CC4	0.1594	-0.1618	-0.0624	-6.73E-4	-5.13E-4	-1.06E-4
	CC5	-0.1608	0.1564	-0.1392	6.34E-4	5.13E-4	1.07E-4
	CC6	-0.1676	0.1585	-0.1396	6.38E-4	5.36E-4	1.24E-4
	CC7	-0.1632	-0.0268	-0.1512	-1.83E-4	5.17E-4	1.21E-4
	CC8	-0.1701	-0.0246	-0.1515	-1.80E-4	5.40E-4	1.39E-4
	CC9	0.0641	0.2784	-0.0669	1.26E-3	-2.03E-4	-8.95E-5
	CC10	0.0415	0.2855	-0.0681	1.27E-3	-1.25E-4	-3.09E-5
	CC11	-0.0347	0.3195	-0.0937	1.41E-3	1.13E-4	-1.61E-5
	CC12	-0.0573	0.3266	-0.0948	1.42E-3	1.90E-4	4.25E-5
	CC13	0.0559	-0.3321	-0.1068	-1.46E-3	-1.91E-4	-4.19E-5
	CC14	0.0333	-0.3250	-0.1079	-1.45E-3	-1.13E-4	1.68E-5
	CC15	-0.0429	-0.2909	-0.1335	-1.31E-3	1.25E-4	3.15E-5
	CC16	-0.0655	-0.2838	-0.1347	-1.30E-3	2.03E-4	9.02E-5
71	CC1	0.1513	0.0191	0.0023	1.61E-4	-4.78E-4	-1.37E-4
	CC2	0.1496	0.0213	0.0054	1.62E-4	-4.70E-4	-1.20E-4
	CC3	0.1549	-0.1640	-0.0698	-5.86E-4	-5.11E-4	-1.23E-4
	CC4	0.1532	-0.1618	-0.0667	-5.85E-4	-5.03E-4	-1.05E-4
	CC5	-0.1552	0.1563	-0.1190	5.57E-4	5.09E-4	1.07E-4
	CC6	-0.1569	0.1585	-0.1159	5.58E-4	5.16E-4	1.25E-4
	CC7	-0.1516	-0.0268	-0.1912	-1.90E-4	4.76E-4	1.22E-4
	CC8	-0.1533	-0.0247	-0.1881	-1.89E-4	4.83E-4	1.39E-4
	CC9	0.0419	0.2783	0.0404	1.17E-3	-1.02E-4	-8.89E-5
	CC10	0.0361	0.2854	0.0507	1.17E-3	-7.79E-5	-3.02E-5
	CC11	-0.0501	0.3195	0.0040	1.29E-3	1.93E-4	-1.55E-5
	CC12	-0.0558	0.3266	0.0142	1.29E-3	2.18E-4	4.32E-5
	CC13	0.0539	-0.3321	-0.2000	-1.32E-3	-2.12E-4	-4.12E-5
	CC14	0.0481	-0.3250	-0.1898	-1.32E-3	-1.88E-4	1.74E-5
	CC15	-0.0381	-0.2910	-0.2364	-1.20E-3	8.36E-5	3.22E-5
	CC16	-0.0438	-0.2839	-0.2262	-1.20E-3	1.08E-4	9.08E-5
72	CC1	0.2080	0.1192	-0.0849	5.32E-4	-4.70E-4	-1.38E-4
	CC2	0.1898	0.1149	-0.0851	5.10E-4	-4.28E-4	-1.20E-4
	CC3	0.1966	-0.0691	-0.1090	-2.85E-4	-4.42E-4	-1.23E-4
	CC4	0.1784	-0.0734	-0.1092	-3.07E-4	-4.01E-4	-1.06E-4
	CC5	-0.1871	0.0690	-0.0993	4.11E-4	3.88E-4	1.07E-4
	CC6	-0.2054	0.0647	-0.0994	3.89E-4	4.30E-4	1.25E-4
	CC7	-0.1985	-0.1193	-0.1233	-4.06E-4	4.16E-4	1.21E-4
	CC8	-0.2168	-0.1236	-0.1235	-4.28E-4	4.57E-4	1.39E-4
	CC9	0.1041	0.3262	-0.0617	1.47E-3	-2.50E-4	-8.92E-5
	CC10	0.0437	0.3121	-0.0622	1.40E-3	-1.12E-4	-3.05E-5
	CC11	-0.0144	0.3112	-0.0660	1.43E-3	7.04E-6	-1.57E-5
	CC12	-0.0749	0.2970	-0.0665	1.36E-3	1.45E-4	4.29E-5
	CC13	0.0661	-0.3015	-0.1419	-1.26E-3	-1.58E-4	-4.15E-5
	CC14	0.0057	-0.3156	-0.1425	-1.33E-3	-1.97E-5	1.71E-5
	CC15	-0.0524	-0.3165	-0.1462	-1.29E-3	9.97E-5	3.19E-5
	CC16	-0.1128	-0.3307	-0.1468	-1.37E-3	2.38E-4	9.05E-5
73	CC1	0.1692	0.1193	-0.1803	4.82E-4	-5.66E-4	-1.40E-4
	CC2	0.1624	0.1151	-0.1754	4.58E-4	-5.42E-4	-1.22E-4
	CC3	0.1667	-0.0690	-0.1912	-3.75E-4	-5.63E-4	-1.25E-4
	CC4	0.1599	-0.0732	-0.1862	-3.99E-4	-5.39E-4	-1.08E-4
	CC5	-0.1601	0.0692	-0.0175	3.61E-4	5.27E-4	1.05E-4
	CC6	-0.1669	0.0649	-0.0126	3.37E-4	5.51E-4	1.23E-4
	CC7	-0.1625	-0.1191	-0.0284	-4.95E-4	5.31E-4	1.19E-4
	CC8	-0.1693	-0.1234	-0.0235	-5.19E-4	5.55E-4	1.37E-4
	CC9	0.0646	0.3264	-0.1163	1.47E-3	-2.16E-4	-9.11E-5
	CC10	0.0421	0.3122	-0.1000	1.39E-3	-1.36E-4	-3.25E-5
	CC11	-0.0342	0.3114	-0.0675	1.43E-3	1.12E-4	-1.77E-5
	CC12	-0.0566	0.2972	-0.0512	1.35E-3	1.92E-4	4.09E-5
	CC13	0.0565	-0.3013	-0.1526	-1.39E-3	-2.03E-4	-4.35E-5
	CC14	0.0340	-0.3155	-0.1363	-1.47E-3	-1.24E-4	1.51E-5
	CC15	-0.0423	-0.3163	-0.1037	-1.42E-3	1.25E-4	2.99E-5
	CC16	-0.0647	-0.3305	-0.0874	-1.50E-3	2.04E-4	8.85E-5
74	CC1	0.1514	0.1203	-0.0776	1.70E-4	-3.69E-4	-1.39E-4
	CC2	0.1497	0.1162	-0.0761	1.60E-4	-3.68E-4	-1.22E-4
	CC3	0.1550	-0.0678	-0.0896	-2.99E-4	-3.28E-4	-1.25E-4
	CC4	0.1533	-0.0719	-0.0881	-3.09E-4	-3.28E-4	-1.07E-4
	CC5	-0.1551	0.0679	-0.1158	2.75E-4	3.22E-4	1.05E-4
	CC6	-0.1568	0.0638	-0.1142	2.65E-4	3.23E-4	1.23E-4
	CC7	-0.1515	-0.1202	-0.1278	-1.94E-4	3.62E-4	1.20E-4
	CC8	-0.1532	-0.1244	-0.1262	-2.04E-4	3.63E-4	1.37E-4
	CC9	0.0420	0.3263	-0.0787	7.66E-4	-1.75E-4	-9.09E-5
	CC10	0.0362	0.3127	-0.0736	7.33E-4	-1.73E-4	-3.22E-5
	CC11	-0.0500	0.3106	-0.0901	7.97E-4	3.22E-5	-1.75E-5

	CC12	-0.0557	0.2969	-0.0851	7.64E-4	3.44E-5	4.12E-5
	CC13	0.0540	-0.3010	-0.1188	-7.98E-4	-4.03E-5	-4.32E-5
	CC14	0.0482	-0.3146	-0.1137	-8.31E-4	-3.81E-5	1.54E-5
	CC15	-0.0380	-0.3167	-0.1302	-7.66E-4	1.67E-4	3.02E-5
	CC16	-0.0437	-0.3303	-0.1251	-7.99E-4	1.69E-4	8.88E-5
75	CC1	0.2084	0.1252	-0.0900	6.03E-4	-4.63E-4	-1.38E-4
	CC2	0.1902	0.1144	-0.0903	5.64E-4	-4.24E-4	-1.20E-4
	CC3	0.1970	-0.0683	-0.1171	-2.15E-4	-4.42E-4	-1.23E-4
	CC4	0.1788	-0.0790	-0.1175	-2.54E-4	-4.03E-4	-1.06E-4
	CC5	-0.1867	0.0749	-0.1173	3.61E-4	3.75E-4	1.07E-4
	CC6	-0.2050	0.0642	-0.1177	3.22E-4	4.13E-4	1.25E-4
	CC7	-0.1981	-0.1186	-0.1444	-4.57E-4	3.95E-4	1.21E-4
	CC8	-0.2164	-0.1293	-0.1448	-4.96E-4	4.34E-4	1.39E-4
	CC9	0.1045	0.3457	-0.0674	1.52E-3	-2.39E-4	-8.93E-5
	CC10	0.0441	0.3102	-0.0686	1.39E-3	-1.11E-4	-3.06E-5
	CC11	-0.0140	0.3306	-0.0756	1.45E-3	1.21E-5	-1.59E-5
	CC12	-0.0745	0.2952	-0.0768	1.32E-3	1.41E-4	4.28E-5
	CC13	0.0665	-0.2993	-0.1579	-1.21E-3	-1.69E-4	-4.16E-5
	CC14	0.0061	-0.3347	-0.1591	-1.34E-3	-4.09E-5	1.70E-5
	CC15	-0.0520	-0.3144	-0.1661	-1.28E-3	8.18E-5	3.18E-5
	CC16	-0.1124	-0.3498	-0.1673	-1.41E-3	2.10E-4	9.04E-5
76	CC1	0.1693	0.1252	-0.1472	4.69E-4	-3.23E-4	-1.38E-4
	CC2	0.1625	0.1145	-0.1465	4.25E-4	-3.12E-4	-1.20E-4
	CC3	0.1668	-0.0683	-0.1568	-3.02E-4	-3.33E-4	-1.24E-4
	CC4	0.1600	-0.0790	-0.1560	-3.46E-4	-3.23E-4	-1.06E-4
	CC5	-0.1601	0.0750	-0.0736	2.35E-4	3.01E-4	1.07E-4
	CC6	-0.1670	0.0643	-0.0729	1.91E-4	3.12E-4	1.24E-4
	CC7	-0.1626	-0.1185	-0.0832	-5.36E-4	2.90E-4	1.21E-4
	CC8	-0.1694	-0.1292	-0.0825	-5.80E-4	3.01E-4	1.39E-4
	CC9	0.0648	0.3458	-0.1111	1.34E-3	-1.06E-4	-8.97E-5
	CC10	0.0421	0.3103	-0.1087	1.19E-3	-6.95E-5	-3.10E-5
	CC11	-0.0341	0.3307	-0.0890	1.27E-3	8.16E-5	-1.63E-5
	CC12	-0.0567	0.2952	-0.0866	1.12E-3	1.18E-4	4.24E-5
	CC13	0.0565	-0.2992	-0.1430	-1.23E-3	-1.40E-4	-4.20E-5
	CC14	0.0339	-0.3347	-0.1406	-1.38E-3	-1.03E-4	1.66E-5
	CC15	-0.0423	-0.3143	-0.1210	-1.30E-3	4.76E-5	3.14E-5
	CC16	-0.0649	-0.3497	-0.1185	-1.45E-3	8.37E-5	9.00E-5
77	CC1	0.1519	0.1251	-0.0882	3.08E-4	-5.48E-4	-1.36E-4
	CC2	0.1501	0.1144	-0.0903	2.85E-4	-5.42E-4	-1.19E-4
	CC3	0.1555	-0.0683	-0.1177	-1.26E-4	-5.40E-4	-1.22E-4
	CC4	0.1537	-0.0791	-0.1198	-1.49E-4	-5.34E-4	-1.04E-4
	CC5	-0.1546	0.0749	-0.0667	9.61E-5	5.34E-4	1.08E-4
	CC6	-0.1564	0.0642	-0.0688	7.31E-5	5.40E-4	1.26E-4
	CC7	-0.1510	-0.1186	-0.0963	-3.38E-4	5.41E-4	1.23E-4
	CC8	-0.1528	-0.1293	-0.0983	-3.61E-4	5.47E-4	1.40E-4
	CC9	0.0424	0.3457	-0.0438	7.67E-4	-1.85E-4	-8.79E-5
	CC10	0.0367	0.3102	-0.0507	6.91E-4	-1.66E-4	-2.92E-5
	CC11	-0.0496	0.3306	-0.0374	7.03E-4	1.39E-4	-1.45E-5
	CC12	-0.0553	0.2952	-0.0443	6.27E-4	1.59E-4	4.42E-5
	CC13	0.0544	-0.2993	-0.1422	-6.79E-4	-1.60E-4	-4.02E-5
	CC14	0.0487	-0.3347	-0.1491	-7.56E-4	-1.40E-4	1.84E-5
	CC15	-0.0376	-0.3144	-0.1358	-7.43E-4	1.65E-4	3.32E-5
	CC16	-0.0433	-0.3498	-0.1427	-8.19E-4	1.84E-4	9.18E-5
78	CC1	0.1376	0.1225	-0.1651	4.36E-4	-4.79E-4	-1.36E-4
	CC2	0.1419	0.1126	-0.1642	4.19E-4	-4.93E-4	-1.19E-4
	CC3	0.1453	-0.0704	-0.1150	1.99E-5	-5.22E-4	-1.22E-4
	CC4	0.1497	-0.0803	-0.1141	3.41E-6	-5.36E-4	-1.04E-4
	CC5	-0.1487	0.0783	-0.0665	1.63E-5	5.26E-4	1.08E-4
	CC6	-0.1444	0.0683	-0.0656	-2.25E-7	5.11E-4	1.26E-4
	CC7	-0.1409	-0.1146	-0.0164	-4.00E-4	4.83E-4	1.23E-4
	CC8	-0.1366	-0.1246	-0.0155	-4.16E-4	4.68E-4	1.40E-4
	CC9	0.0233	0.3436	-0.1900	7.93E-4	-6.06E-5	-8.79E-5
	CC10	0.0376	0.3106	-0.1872	7.39E-4	-1.08E-4	-2.92E-5
	CC11	-0.0626	0.3303	-0.1605	6.67E-4	2.41E-4	-1.45E-5
	CC12	-0.0483	0.2973	-0.1576	6.13E-4	1.93E-4	4.42E-5
	CC13	0.0492	-0.2994	-0.0230	-5.93E-4	-2.03E-4	-4.02E-5
	CC14	0.0636	-0.3324	-0.0201	-6.48E-4	-2.51E-4	1.84E-5
	CC15	-0.0366	-0.3127	0.0066	-7.19E-4	9.79E-5	3.32E-5
	CC16	-0.0223	-0.3456	0.0094	-7.73E-4	5.02E-5	9.18E-5
79	CC1	0.2090	0.1747	-0.0698	2.42E-4	-6.65E-4	-1.34E-4
	CC2	0.1907	0.1574	-0.0724	2.28E-4	-6.06E-4	-1.16E-4
	CC3	0.1976	-0.0241	-0.1207	3.45E-5	-6.21E-4	-1.20E-4

	CC4	0.1793	-0.0414	-0.1232	2.02E-5	-5.62E-4	-1.02E-4
	CC5	-0.1862	0.0373	-0.1345	5.11E-5	5.61E-4	1.11E-4
	CC6	-0.2044	0.0200	-0.1371	3.68E-5	6.20E-4	1.29E-4
	CC7	-0.1976	-0.1615	-0.1854	-1.56E-4	6.05E-4	1.25E-4
	CC8	-0.2158	-0.1788	-0.1879	-1.71E-4	6.64E-4	1.43E-4
	CC9	0.1050	0.3786	-0.0302	4.34E-4	-3.54E-4	-8.53E-5
	CC10	0.0446	0.3213	-0.0386	3.86E-4	-1.61E-4	-2.67E-5
	CC11	-0.0135	0.3374	-0.0496	3.76E-4	1.37E-5	-1.19E-5
	CC12	-0.0739	0.2800	-0.0580	3.29E-4	2.07E-4	4.67E-5
	CC13	0.0671	-0.2842	-0.1998	-2.58E-4	-2.08E-4	-3.77E-5
	CC14	0.0066	-0.3415	-0.2081	-3.05E-4	-1.44E-5	2.09E-5
	CC15	-0.0515	-0.3254	-0.2192	-3.15E-4	1.60E-4	3.57E-5
	CC16	-0.1119	-0.3827	-0.2275	-3.62E-4	3.53E-4	9.43E-5
80	CC1	0.1700	0.1755	-0.1309	4.52E-4	-6.16E-4	-1.37E-4
	CC2	0.1632	0.1581	-0.1328	4.07E-4	-5.89E-4	-1.20E-4
	CC3	0.1675	-0.0234	-0.1550	-8.78E-5	-6.10E-4	-1.23E-4
	CC4	0.1607	-0.0408	-0.1569	-1.32E-4	-5.83E-4	-1.05E-4
	CC5	-0.1594	0.0369	-0.0826	7.78E-5	5.80E-4	1.07E-4
	CC6	-0.1663	0.0195	-0.0845	3.31E-5	6.06E-4	1.25E-4
	CC7	-0.1619	-0.1620	-0.1067	-4.62E-4	5.86E-4	1.22E-4
	CC8	-0.1687	-0.1794	-0.1086	-5.06E-4	6.12E-4	1.39E-4
	CC9	0.0655	0.3791	-0.0838	1.00E-3	-2.35E-4	-8.89E-5
	CC10	0.0429	0.3215	-0.0899	8.54E-4	-1.48E-4	-3.03E-5
	CC11	-0.0334	0.3376	-0.0692	8.89E-4	1.24E-4	-1.55E-5
	CC12	-0.0560	0.2799	-0.0754	7.42E-4	2.11E-4	4.31E-5
	CC13	0.0573	-0.2838	-0.1641	-7.96E-4	-2.15E-4	-4.13E-5
	CC14	0.0346	-0.3415	-0.1703	-9.44E-4	-1.27E-4	1.74E-5
	CC15	-0.0416	-0.3254	-0.1496	-9.08E-4	1.44E-4	3.21E-5
	CC16	-0.0642	-0.3830	-0.1558	-1.06E-3	2.31E-4	9.08E-5
81	CC1	0.1526	0.1749	-0.1428	-6.98E-5	-3.30E-4	-1.39E-4
	CC2	0.1509	0.1576	-0.1418	-7.27E-5	-3.25E-4	-1.22E-4
	CC3	0.1562	-0.0239	-0.1286	-9.53E-5	-3.23E-4	-1.25E-4
	CC4	0.1545	-0.0412	-0.1277	-9.82E-5	-3.18E-4	-1.07E-4
	CC5	-0.1539	0.0375	-0.1027	6.60E-5	3.03E-4	1.05E-4
	CC6	-0.1556	0.0202	-0.1018	6.31E-5	3.08E-4	1.23E-4
	CC7	-0.1503	-0.1613	-0.0885	4.05E-5	3.10E-4	1.20E-4
	CC8	-0.1520	-0.1786	-0.0876	3.76E-5	3.15E-4	1.37E-4
	CC9	0.0432	0.3788	-0.1463	1.08E-5	-1.23E-4	-9.09E-5
	CC10	0.0374	0.3215	-0.1432	1.12E-6	-1.06E-4	-3.22E-5
	CC11	-0.0488	0.3376	-0.1343	5.15E-5	6.69E-5	-1.75E-5
	CC12	-0.0545	0.2802	-0.1312	4.19E-5	8.37E-5	4.12E-5
	CC13	0.0552	-0.2840	-0.0991	-7.41E-5	-9.84E-5	-4.32E-5
	CC14	0.0494	-0.3413	-0.0960	-8.37E-5	-8.16E-5	1.54E-5
	CC15	-0.0368	-0.3252	-0.0871	-3.33E-5	9.14E-5	3.02E-5
	CC16	-0.0425	-0.3825	-0.0840	-4.30E-5	1.08E-4	8.88E-5
82	CC1	0.1375	0.1750	-0.1051	3.87E-4	-3.33E-4	-1.38E-4
	CC2	0.1418	0.1577	-0.0998	3.49E-4	-3.42E-4	-1.21E-4
	CC3	0.1452	-0.0238	-0.0483	-5.12E-5	-3.66E-4	-1.24E-4
	CC4	0.1496	-0.0411	-0.0429	-8.87E-5	-3.76E-4	-1.06E-4
	CC5	-0.1488	0.0376	-0.1685	3.06E-5	3.62E-4	1.06E-4
	CC6	-0.1445	0.0203	-0.1632	-6.82E-6	3.53E-4	1.24E-4
	CC7	-0.1410	-0.1612	-0.1117	-4.08E-4	3.29E-4	1.21E-4
	CC8	-0.1367	-0.1785	-0.1063	-4.45E-4	3.20E-4	1.38E-4
	CC9	0.0232	0.3789	-0.1997	8.17E-4	-4.07E-5	-8.99E-5
	CC10	0.0375	0.3216	-0.1821	6.93E-4	-7.10E-5	-3.13E-5
	CC11	-0.0627	0.3377	-0.2187	7.10E-4	1.68E-4	-1.65E-5
	CC12	-0.0484	0.2803	-0.2011	5.86E-4	1.38E-4	4.21E-5
	CC13	0.0491	-0.2838	-0.0103	-6.44E-4	-1.51E-4	-4.23E-5
	CC14	0.0635	-0.3412	0.0073	-7.68E-4	-1.81E-4	1.64E-5
	CC15	-0.0367	-0.3251	-0.0293	-7.51E-4	5.74E-5	3.11E-5
	CC16	-0.0224	-0.3824	-0.0117	-8.75E-4	2.71E-5	8.98E-5
83	CC1	0.2097	0.2233	-0.1351	9.89E-4	-4.56E-4	-1.38E-4
	CC2	0.1914	0.1996	-0.1384	8.94E-4	-4.22E-4	-1.20E-4
	CC3	0.1983	0.0193	-0.1841	1.18E-4	-4.37E-4	-1.24E-4
	CC4	0.1800	-0.0043	-0.1874	2.39E-5	-4.03E-4	-1.06E-4
	CC5	-0.1854	0.0010	-0.0679	7.67E-5	3.93E-4	1.06E-4
	CC6	-0.2037	-0.0226	-0.0712	-1.75E-5	4.27E-4	1.24E-4
	CC7	-0.1968	-0.2029	-0.1169	-7.94E-4	4.12E-4	1.21E-4
	CC8	-0.2151	-0.2266	-0.1202	-8.88E-4	4.46E-4	1.38E-4
	CC9	0.1058	0.4108	-0.0507	1.79E-3	-2.21E-4	-8.97E-5
	CC10	0.0453	0.3324	-0.0615	1.48E-3	-1.08E-4	-3.11E-5
	CC11	-0.0128	0.3441	-0.0305	1.52E-3	3.35E-5	-1.63E-5



	CC12	-0.0732	0.2658	-0.0413	1.21E-3	1.46E-4	4.23E-5
	CC13	0.0678	-0.2690	-0.2140	-1.11E-3	-1.57E-4	-4.20E-5
	CC14	0.0074	-0.3474	-0.2248	-1.42E-3	-4.38E-5	1.66E-5
	CC15	-0.0507	-0.3357	-0.1939	-1.38E-3	9.79E-5	3.14E-5
	CC16	-0.1112	-0.4140	-0.2047	-1.69E-3	2.11E-4	9.00E-5
84	CC1	0.1710	0.2241	-0.0820	8.25E-4	-3.17E-5	-1.38E-4
	CC2	0.1641	0.2004	-0.0855	7.36E-4	-4.71E-5	-1.20E-4
	CC3	0.1685	0.0201	-0.1055	4.05E-5	-1.63E-4	-1.23E-4
	CC4	0.1617	-0.0037	-0.1090	-4.87E-5	-1.78E-4	-1.06E-4
	CC5	-0.1585	0.0007	-0.1386	-4.22E-5	2.05E-4	1.07E-4
	CC6	-0.1653	-0.0230	-0.1421	-1.31E-4	1.90E-4	1.25E-4
	CC7	-0.1609	-0.2033	-0.1620	-8.27E-4	7.43E-5	1.21E-4
	CC8	-0.1678	-0.2270	-0.1656	-9.16E-4	5.89E-5	1.39E-4
	CC9	0.0664	0.4113	-0.0703	1.54E-3	2.22E-4	-8.92E-5
	CC10	0.0438	0.3327	-0.0820	1.24E-3	1.71E-4	-3.06E-5
	CC11	-0.0324	0.3443	-0.0873	1.28E-3	2.93E-4	-1.58E-5
	CC12	-0.0550	0.2657	-0.0990	9.84E-4	2.42E-4	4.28E-5
	CC13	0.0582	-0.2687	-0.1486	-1.08E-3	-2.15E-4	-4.16E-5
	CC14	0.0356	-0.3473	-0.1603	-1.37E-3	-2.66E-4	1.70E-5
	CC15	-0.0406	-0.3357	-0.1655	-1.34E-3	-1.44E-4	3.18E-5
	CC16	-0.0632	-0.4143	-0.1773	-1.63E-3	-1.95E-4	9.04E-5
85	CC1	0.1535	0.2178	-0.1302	3.74E-4	-5.86E-4	-1.39E-4
	CC2	0.1518	0.1948	-0.1316	3.40E-4	-5.80E-4	-1.21E-4
	CC3	0.1571	0.0144	-0.1385	8.33E-7	-6.27E-4	-1.24E-4
	CC4	0.1554	-0.0085	-0.1399	-3.38E-5	-6.21E-4	-1.07E-4
	CC5	-0.1530	0.0055	-0.0880	1.18E-5	6.18E-4	1.06E-4
	CC6	-0.1547	-0.0174	-0.0894	-2.29E-5	6.24E-4	1.24E-4
	CC7	-0.1494	-0.1979	-0.0963	-3.62E-4	5.76E-4	1.20E-4
	CC8	-0.1511	-0.2208	-0.0977	-3.96E-4	5.82E-4	1.38E-4
	CC9	0.0440	0.4072	-0.1041	7.23E-4	-1.23E-4	-9.03E-5
	CC10	0.0383	0.3313	-0.1088	6.08E-4	-1.03E-4	-3.17E-5
	CC11	-0.0479	0.3435	-0.0914	6.14E-4	2.38E-4	-1.69E-5
	CC12	-0.0536	0.2676	-0.0961	5.00E-4	2.58E-4	4.17E-5
	CC13	0.0560	-0.2706	-0.1318	-5.22E-4	-2.62E-4	-4.26E-5
	CC14	0.0503	-0.3465	-0.1365	-6.36E-4	-2.42E-4	1.60E-5
	CC15	-0.0359	-0.3343	-0.1191	-6.30E-4	9.90E-5	3.08E-5
	CC16	-0.0416	-0.4102	-0.1238	-7.45E-4	1.19E-4	8.94E-5
86	CC1	0.1380	0.2229	-0.2264	3.67E-4	-4.39E-4	-1.39E-4
	CC2	0.1424	0.1993	-0.2242	3.32E-4	-4.53E-4	-1.21E-4
	CC3	0.1458	0.0190	-0.1805	-7.46E-6	-4.87E-4	-1.24E-4
	CC4	0.1501	-0.0046	-0.1784	-4.26E-5	-5.01E-4	-1.07E-4
	CC5	-0.1482	0.0017	-0.0352	-1.06E-5	4.97E-4	1.06E-4
	CC6	-0.1439	-0.0219	-0.0330	-4.57E-5	4.84E-4	1.24E-4
	CC7	-0.1405	-0.2022	0.0107	-3.85E-4	4.49E-4	1.20E-4
	CC8	-0.1361	-0.2258	0.0128	-4.20E-4	4.35E-4	1.38E-4
	CC9	0.0237	0.4106	-0.2155	7.12E-4	-3.90E-5	-9.02E-5
	CC10	0.0381	0.3325	-0.2083	5.96E-4	-8.43E-5	-3.16E-5
	CC11	-0.0621	0.3442	-0.1581	5.99E-4	2.42E-4	-1.68E-5
	CC12	-0.0478	0.2661	-0.1510	4.83E-4	1.97E-4	4.18E-5
	CC13	0.0497	-0.2690	-0.0626	-5.36E-4	-2.00E-4	-4.26E-5
	CC14	0.0640	-0.3471	-0.0555	-6.52E-4	-2.46E-4	1.61E-5
	CC15	-0.0362	-0.3354	-0.0052	-6.49E-4	8.06E-5	3.08E-5
	CC16	-0.0218	-0.4134	0.0019	-7.65E-4	3.53E-5	8.95E-5
87	CC1	0.1547	0.2602	-0.1581	3.15E-4	-3.01E-4	-1.40E-4
	CC2	0.1530	0.2317	-0.1533	2.86E-4	-2.66E-4	-1.22E-4
	CC3	0.1583	0.0523	-0.1164	6.48E-5	-5.38E-5	-1.26E-4
	CC4	0.1566	0.0239	-0.1116	3.56E-5	-1.89E-5	-1.08E-4
	CC5	-0.1518	-0.0274	-0.1048	-1.94E-5	8.66E-5	1.05E-4
	CC6	-0.1535	-0.0558	-0.1000	-4.87E-5	1.22E-4	1.22E-4
	CC7	-0.1482	-0.2352	-0.0631	-2.70E-4	3.34E-4	1.19E-4
	CC8	-0.1499	-0.2637	-0.0583	-2.99E-4	3.69E-4	1.37E-4
	CC9	0.0452	0.4349	-0.1937	5.24E-4	-4.94E-4	-9.15E-5
	CC10	0.0395	0.3406	-0.1778	4.27E-4	-3.79E-4	-3.28E-5
	CC11	-0.0467	0.3486	-0.1777	4.24E-4	-3.78E-4	-1.81E-5
	CC12	-0.0525	0.2543	-0.1618	3.27E-4	-2.62E-4	4.06E-5
	CC13	0.0572	-0.2579	-0.0546	-3.11E-4	3.30E-4	-4.38E-5
	CC14	0.0515	-0.3521	-0.0387	-4.08E-4	4.46E-4	1.48E-5
	CC15	-0.0347	-0.3441	-0.0386	-4.11E-4	4.46E-4	2.96E-5
	CC16	-0.0405	-0.4384	-0.0227	-5.08E-4	5.62E-4	8.82E-5
88	CC1	0.1383	0.2601	-0.2167	1.90E-4	1.12E-4	-1.40E-4
	CC2	0.1426	0.2316	-0.2093	1.80E-4	1.32E-4	-1.22E-4
	CC3	0.1461	0.0523	-0.1435	5.94E-5	2.21E-4	-1.26E-4

	CC4	0.1504	0.0238	-0.1361	4.88E-5	2.41E-4	-1.08E-4
	CC5	-0.1480	-0.0274	-0.0773	-8.68E-5	-1.98E-4	1.05E-4
	CC6	-0.1437	-0.0559	-0.0700	-9.73E-5	-1.79E-4	1.22E-4
	CC7	-0.1402	-0.2352	-0.0042	-2.18E-4	-8.94E-5	1.19E-4
	CC8	-0.1359	-0.2637	0.0032	-2.28E-4	-6.97E-5	1.37E-4
	CC9	0.0240	0.4348	-0.2617	2.58E-4	-1.47E-4	-9.16E-5
	CC10	0.0383	0.3406	-0.2374	2.23E-4	-8.13E-5	-3.30E-5
	CC11	-0.0619	0.3486	-0.2199	1.75E-4	-2.40E-4	-1.82E-5
	CC12	-0.0476	0.2543	-0.1956	1.40E-4	-1.75E-4	4.04E-5
	CC13	0.0499	-0.2579	-0.0178	-1.78E-4	2.17E-4	-4.39E-5
	CC14	0.0643	-0.3522	0.0065	-2.13E-4	2.82E-4	1.47E-5
	CC15	-0.0359	-0.3442	0.0240	-2.61E-4	1.24E-4	2.95E-5
	CC16	-0.0216	-0.4384	0.0483	-2.96E-4	1.89E-4	8.81E-5
89	CC1	0.2109	0.2822	-0.1460	8.97E-4	-8.16E-4	-1.34E-4
	CC2	0.1926	0.2508	-0.1560	8.04E-4	-7.44E-4	-1.16E-4
	CC3	0.1995	0.0720	-0.2507	1.98E-4	-7.67E-4	-1.20E-4
	CC4	0.1812	0.0407	-0.2607	1.05E-4	-6.95E-4	-1.02E-4
	CC5	-0.1842	-0.0447	0.0207	-8.43E-5	7.27E-4	1.11E-4
	CC6	-0.2025	-0.0761	0.0107	-1.77E-4	7.99E-4	1.28E-4
	CC7	-0.1956	-0.2549	-0.0840	-7.83E-4	7.76E-4	1.25E-4
	CC8	-0.2139	-0.2862	-0.0940	-8.76E-4	8.48E-4	1.43E-4
	CC9	0.1070	0.4491	0.0461	1.48E-3	-4.15E-4	-8.56E-5
	CC10	0.0465	0.3453	0.0130	1.17E-3	-1.77E-4	-2.70E-5
	CC11	-0.0116	0.3510	0.0961	1.18E-3	4.80E-5	-1.22E-5
	CC12	-0.0720	0.2473	0.0630	8.74E-4	2.86E-4	4.64E-5
	CC13	0.0690	-0.2513	-0.3029	-8.53E-4	-2.54E-4	-3.80E-5
	CC14	0.0086	-0.3551	-0.3360	-1.16E-3	-1.60E-5	2.07E-5
	CC15	-0.0495	-0.3494	-0.2529	-1.15E-3	2.09E-4	3.54E-5
	CC16	-0.1100	-0.4532	-0.2860	-1.46E-3	4.47E-4	9.41E-5
90	CC1	0.1714	0.2816	-0.1372	8.32E-4	-5.13E-4	-1.37E-4
	CC2	0.1646	0.2504	-0.1496	7.42E-4	-4.92E-4	-1.19E-4
	CC3	0.1690	0.0715	-0.2234	1.71E-4	-5.31E-4	-1.23E-4
	CC4	0.1622	0.0403	-0.2358	8.13E-5	-5.10E-4	-1.05E-4
	CC5	-0.1577	-0.0441	0.0228	-1.23E-4	5.37E-4	1.08E-4
	CC6	-0.1645	-0.0753	0.0104	-2.13E-4	5.58E-4	1.25E-4
	CC7	-0.1601	-0.2541	-0.0634	-7.84E-4	5.20E-4	1.22E-4
	CC8	-0.1669	-0.2854	-0.0758	-8.74E-4	5.40E-4	1.40E-4
	CC9	0.0669	0.4488	0.0337	1.37E-3	-1.49E-4	-8.85E-5
	CC10	0.0444	0.3453	-0.0073	1.08E-3	-7.93E-5	-2.98E-5
	CC11	-0.0319	0.3511	0.0817	1.09E-3	1.67E-4	-1.51E-5
	CC12	-0.0543	0.2476	0.0407	7.89E-4	2.36E-4	4.36E-5
	CC13	0.0588	-0.2514	-0.2537	-8.31E-4	-2.08E-4	-4.08E-5
	CC14	0.0364	-0.3549	-0.2947	-1.13E-3	-1.39E-4	1.78E-5
	CC15	-0.0399	-0.3491	-0.2057	-1.12E-3	1.07E-4	3.26E-5
	CC16	-0.0624	-0.4526	-0.2467	-1.41E-3	1.76E-4	9.12E-5
91	CC1	0.1546	0.2820	-0.2056	8.02E-4	-4.87E-4	-1.39E-4
	CC2	0.1529	0.2507	-0.1962	7.18E-4	-4.75E-4	-1.21E-4
	CC3	0.1582	0.0719	-0.1347	1.76E-4	-4.67E-4	-1.25E-4
	CC4	0.1565	0.0406	-0.1252	9.09E-5	-4.55E-4	-1.07E-4
	CC5	-0.1519	-0.0437	-0.0833	-9.49E-5	4.64E-4	1.06E-4
	CC6	-0.1536	-0.0750	-0.0738	-1.80E-4	4.76E-4	1.23E-4
	CC7	-0.1483	-0.2538	-0.0123	-7.22E-4	4.84E-4	1.20E-4
	CC8	-0.1500	-0.2850	-0.0029	-8.06E-4	4.96E-4	1.38E-4
	CC9	0.0451	0.4492	-0.2565	1.32E-3	-1.91E-4	-9.06E-5
	CC10	0.0394	0.3457	-0.2252	1.04E-3	-1.51E-4	-3.19E-5
	CC11	-0.0468	0.3514	-0.2198	1.05E-3	9.41E-5	-1.72E-5
	CC12	-0.0525	0.2480	-0.1885	7.68E-4	1.34E-4	4.15E-5
	CC13	0.0571	-0.2511	-0.0199	-7.72E-4	-1.25E-4	-4.29E-5
	CC14	0.0514	-0.3545	0.0113	-1.05E-3	-8.47E-5	1.57E-5
	CC15	-0.0348	-0.3488	0.0168	-1.04E-3	1.60E-4	3.05E-5
	CC16	-0.0405	-0.4522	0.0480	-1.32E-3	2.01E-4	8.91E-5
92	CC1	0.1384	0.2827	-0.2234	6.28E-5	-4.86E-4	-1.41E-4
	CC2	0.1427	0.2513	-0.2147	6.33E-5	-5.00E-4	-1.23E-4
	CC3	0.1462	0.0725	-0.1426	6.27E-6	-5.29E-4	-1.27E-4
	CC4	0.1505	0.0412	-0.1338	6.83E-6	-5.43E-4	-1.09E-4
	CC5	-0.1479	-0.0442	-0.0727	-3.57E-5	5.42E-4	1.04E-4
	CC6	-0.1435	-0.0756	-0.0639	-3.51E-5	5.28E-4	1.21E-4
	CC7	-0.1401	-0.2544	0.0082	-9.22E-5	5.00E-4	1.18E-4
	CC8	-0.1358	-0.2857	0.0169	-9.16E-5	4.86E-4	1.36E-4
	CC9	0.0241	0.4496	-0.2751	9.36E-5	-6.01E-5	-9.26E-5
	CC10	0.0385	0.3458	-0.2462	9.55E-5	-1.07E-4	-3.40E-5
	CC11	-0.0618	0.3515	-0.2299	6.41E-5	2.48E-4	-1.92E-5

	CC12	-0.0474	0.2478	-0.2009	6.59E-5	2.02E-4	3.95E-5
	CC13	0.0501	-0.2508	-0.0056	-9.48E-5	-2.03E-4	-4.49E-5
	CC14	0.0644	-0.3546	0.0234	-9.29E-5	-2.49E-4	1.37E-5
	CC15	-0.0358	-0.3489	0.0396	-1.24E-4	1.06E-4	2.85E-5
	CC16	-0.0215	-0.4527	0.0686	-1.22E-4	5.94E-5	8.71E-5
93	CC1	0.1374	0.0155	-0.0237	1.39E-4	-5.10E-4	-1.37E-4
	CC2	0.1414	0.0182	-0.0199	1.39E-4	-5.23E-4	-1.19E-4
	CC3	0.1450	-0.1672	0.0758	-4.98E-4	-5.45E-4	-1.23E-4
	CC4	0.1490	-0.1645	0.0796	-4.98E-4	-5.59E-4	-1.05E-4
	CC5	-0.1498	0.1600	-0.2558	4.67E-4	5.53E-4	1.08E-4
	CC6	-0.1458	0.1626	-0.2520	4.66E-4	5.39E-4	1.25E-4
	CC7	-0.1422	-0.0227	-0.1562	-1.70E-4	5.18E-4	1.22E-4
	CC8	-0.1382	-0.0201	-0.1524	-1.71E-4	5.04E-4	1.40E-4
	CC9	0.0235	0.2761	-0.2255	9.97E-4	-8.06E-5	-8.86E-5
	CC10	0.0367	0.2850	-0.2128	9.96E-4	-1.26E-4	-3.00E-5
	CC11	-0.0626	0.3195	-0.2951	1.10E-3	2.38E-4	-1.52E-5
	CC12	-0.0495	0.3283	-0.2825	1.09E-3	1.93E-4	4.34E-5
	CC13	0.0487	-0.3329	0.1063	-1.13E-3	-1.98E-4	-4.09E-5
	CC14	0.0618	-0.3240	0.1190	-1.13E-3	-2.44E-4	1.77E-5
	CC15	-0.0375	-0.2895	0.0367	-1.03E-3	1.21E-4	3.25E-5
	CC16	-0.0243	-0.2807	0.0494	-1.03E-3	7.50E-5	9.11E-5
94	CC1	0.1378	0.1235	-0.0817	1.66E-4	-5.22E-4	-1.40E-4
	CC2	0.1418	0.1199	-0.0798	1.55E-4	-5.15E-4	-1.22E-4
	CC3	0.1453	-0.0643	-0.0362	-3.47E-4	-2.38E-4	-1.26E-4
	CC4	0.1493	-0.0679	-0.0343	-3.58E-4	-2.31E-4	-1.08E-4
	CC5	-0.1494	0.0640	-0.1445	2.79E-4	1.85E-4	1.05E-4
	CC6	-0.1454	0.0605	-0.1426	2.68E-4	1.92E-4	1.22E-4
	CC7	-0.1419	-0.1237	-0.0990	-2.34E-4	4.68E-4	1.19E-4
	CC8	-0.1379	-0.1273	-0.0971	-2.45E-4	4.75E-4	1.37E-4
	CC9	0.0239	0.3258	-0.1588	8.17E-4	-6.13E-4	-9.15E-5
	CC10	0.0371	0.3140	-0.1526	7.80E-4	-5.90E-4	-3.29E-5
	CC11	-0.0623	0.3080	-0.1777	8.51E-4	-4.01E-4	-1.81E-5
	CC12	-0.0491	0.2962	-0.1714	8.14E-4	-3.78E-4	4.05E-5
	CC13	0.0490	-0.3000	-0.0073	-8.93E-4	3.31E-4	-4.39E-5
	CC14	0.0622	-0.3118	-0.0011	-9.30E-4	3.55E-4	1.48E-5
	CC15	-0.0371	-0.3178	-0.0262	-8.59E-4	5.43E-4	2.95E-5
	CC16	-0.0240	-0.3297	-0.0199	-8.96E-4	5.66E-4	8.82E-5
95	CC1	0.1516	-0.3116	0.0604	-1.02E-3	-5.71E-4	-1.39E-4
	CC2	0.1495	-0.2670	0.0387	-8.70E-4	-5.65E-4	-1.22E-4
	CC3	0.1549	-0.4605	0.1366	-1.56E-3	-5.83E-4	-1.25E-4
	CC4	0.1529	-0.4159	0.1149	-1.41E-3	-5.77E-4	-1.07E-4
	CC5	-0.1563	0.4117	-0.2860	1.39E-3	5.73E-4	1.05E-4
	CC6	-0.1584	0.4563	-0.3077	1.54E-3	5.79E-4	1.23E-4
	CC7	-0.1530	0.2628	-0.2098	8.48E-4	5.61E-4	1.20E-4
	CC8	-0.1551	0.3074	-0.2315	9.99E-4	5.67E-4	1.37E-4
	CC9	0.0423	0.0636	-0.1248	2.80E-4	-1.64E-4	-9.07E-5
	CC10	0.0354	0.2114	-0.1966	7.77E-4	-1.43E-4	-3.21E-5
	CC11	-0.0501	0.2806	-0.2287	1.00E-3	1.80E-4	-1.73E-5
	CC12	-0.0570	0.4284	-0.3005	1.50E-3	2.00E-4	4.13E-5
	CC13	0.0535	-0.4326	0.1294	-1.52E-3	-2.04E-4	-4.31E-5
	CC14	0.0466	-0.2848	0.0576	-1.02E-3	-1.83E-4	1.56E-5
	CC15	-0.0389	-0.2156	0.0255	-7.99E-4	1.39E-4	3.03E-5
	CC16	-0.0458	-0.0678	-0.0463	-3.02E-4	1.60E-4	8.90E-5
96	CC1	0.1677	-0.3120	0.0513	-1.00E-3	-6.27E-4	-1.39E-4
	CC2	0.1605	-0.2673	0.0643	-8.56E-4	-5.99E-4	-1.21E-4
	CC3	0.1650	-0.4608	-0.0048	-1.53E-3	-6.21E-4	-1.24E-4
	CC4	0.1578	-0.4162	0.0081	-1.39E-3	-5.93E-4	-1.07E-4
	CC5	-0.1635	0.4114	-0.1853	1.36E-3	5.85E-4	1.06E-4
	CC6	-0.1707	0.4560	-0.1723	1.51E-3	6.12E-4	1.24E-4
	CC7	-0.1662	0.2625	-0.2414	8.35E-4	5.91E-4	1.20E-4
	CC8	-0.1734	0.3071	-0.2285	9.82E-4	6.19E-4	1.38E-4
	CC9	0.0632	0.0633	0.0191	2.72E-4	-2.43E-4	-9.02E-5
	CC10	0.0394	0.2111	0.0620	7.61E-4	-1.51E-4	-3.16E-5
	CC11	-0.0361	0.2803	-0.0519	9.82E-4	1.21E-4	-1.68E-5
	CC12	-0.0599	0.4281	-0.0089	1.47E-3	2.13E-4	4.18E-5
	CC13	0.0542	-0.4329	-0.1682	-1.49E-3	-2.21E-4	-4.26E-5
	CC14	0.0304	-0.2852	-0.1252	-1.00E-3	-1.29E-4	1.61E-5
	CC15	-0.0452	-0.2159	-0.2392	-7.83E-4	1.42E-4	3.08E-5
	CC16	-0.0690	-0.0682	-0.1962	-2.94E-4	2.34E-4	8.95E-5
97	CC1	0.1559	0.3088	-0.2967	1.15E-3	-5.58E-4	-1.33E-4
	CC2	0.1538	0.2741	-0.2851	1.03E-3	-5.38E-4	-1.16E-4
	CC3	0.1592	0.0959	-0.2271	2.81E-4	-4.99E-4	-1.19E-4

	CC4	0.1572	0.0612	-0.2154	1.57E-4	-4.78E-4	-1.01E-4
	CC5	-0.1520	-0.0646	0.0067	-1.72E-4	4.77E-4	1.11E-4
	CC6	-0.1541	-0.0993	0.0184	-2.96E-4	4.97E-4	1.29E-4
	CC7	-0.1487	-0.2774	0.0763	-1.04E-3	5.36E-4	1.25E-4
	CC8	-0.1508	-0.3121	0.0880	-1.17E-3	5.57E-4	1.43E-4
	CC9	0.0466	0.4666	-0.2853	1.85E-3	-2.90E-4	-8.50E-5
	CC10	0.0397	0.3516	-0.2466	1.44E-3	-2.21E-4	-2.63E-5
	CC11	-0.0458	0.3545	-0.1943	1.45E-3	2.07E-5	-1.16E-5
	CC12	-0.0527	0.2396	-0.1556	1.04E-3	8.97E-5	4.71E-5
	CC13	0.0578	-0.2430	-0.0531	-1.05E-3	-9.10E-5	-3.73E-5
	CC14	0.0509	-0.3579	-0.0145	-1.46E-3	-2.19E-5	2.13E-5
	CC15	-0.0346	-0.3550	0.0379	-1.45E-3	2.20E-4	3.61E-5
	CC16	-0.0415	-0.4699	0.0766	-1.86E-3	2.89E-4	9.47E-5
98	CC1	0.1730	0.3056	-0.1526	1.15E-3	-5.11E-4	-1.39E-4
	CC2	0.1658	0.2712	-0.1657	1.03E-3	-4.98E-4	-1.22E-4
	CC3	0.1703	0.0930	-0.2702	2.77E-4	-5.83E-4	-1.25E-4
	CC4	0.1632	0.0587	-0.2833	1.53E-4	-5.70E-4	-1.07E-4
	CC5	-0.1579	-0.0629	0.0711	-1.68E-4	5.72E-4	1.05E-4
	CC6	-0.1651	-0.0972	0.0580	-2.92E-4	5.85E-4	1.23E-4
	CC7	-0.1606	-0.2755	-0.0465	-1.04E-3	5.00E-4	1.20E-4
	CC8	-0.1677	-0.3098	-0.0595	-1.17E-3	5.13E-4	1.37E-4
	CC9	0.0685	0.4643	0.0779	1.86E-3	-6.33E-5	-9.09E-5
	CC10	0.0449	0.3506	0.0347	1.45E-3	-2.01E-5	-3.23E-5
	CC11	-0.0308	0.3538	0.1450	1.46E-3	2.61E-4	-1.75E-5
	CC12	-0.0544	0.2400	0.1018	1.05E-3	3.05E-4	4.11E-5
	CC13	0.0596	-0.2442	-0.3140	-1.07E-3	-3.03E-4	-4.33E-5
	CC14	0.0360	-0.3580	-0.3572	-1.48E-3	-2.60E-4	1.54E-5
	CC15	-0.0397	-0.3548	-0.2469	-1.46E-3	2.16E-5	3.01E-5
	CC16	-0.0633	-0.4685	-0.2901	-1.87E-3	6.49E-5	8.88E-5
99	CC1	0.1648	0.3062	-0.2065	9.32E-4	-7.52E-4	-1.42E-4
	CC2	0.1600	0.2718	-0.2083	8.36E-4	-7.00E-4	-1.25E-4
	CC3	0.1630	0.0936	-0.2399	2.38E-4	-5.17E-4	-1.28E-4
	CC4	0.1582	0.0592	-0.2416	1.42E-4	-4.65E-4	-1.10E-4
	CC5	-0.1549	-0.0629	0.0312	-1.02E-4	4.66E-4	1.02E-4
	CC6	-0.1597	-0.0973	0.0294	-1.99E-4	5.18E-4	1.20E-4
	CC7	-0.1567	-0.2755	-0.0022	-7.96E-4	7.01E-4	1.17E-4
	CC8	-0.1615	-0.3099	-0.0040	-8.92E-4	7.53E-4	1.34E-4
	CC9	0.0606	0.4648	-0.0824	1.49E-3	-6.60E-4	-9.38E-5
	CC10	0.0447	0.3509	-0.0883	1.17E-3	-4.88E-4	-3.51E-5
	CC11	-0.0353	0.3541	-0.0111	1.18E-3	-2.95E-4	-2.04E-5
	CC12	-0.0512	0.2402	-0.0169	8.62E-4	-1.22E-4	3.83E-5
	CC13	0.0545	-0.2439	-0.1935	-8.22E-4	1.23E-4	-4.61E-5
	CC14	0.0387	-0.3578	-0.1994	-1.14E-3	2.96E-4	1.25E-5
	CC15	-0.0414	-0.3546	-0.1222	-1.13E-3	4.88E-4	2.73E-5
	CC16	-0.0573	-0.4685	-0.1281	-1.45E-3	6.61E-4	8.59E-5
100	CC1	0.1580	0.3064	-0.2587	8.33E-4	-5.29E-4	-1.28E-4
	CC2	0.1550	0.2720	-0.2519	7.45E-4	-5.17E-4	-1.11E-4
	CC3	0.1608	0.0938	-0.2228	1.46E-4	-5.25E-4	-1.14E-4
	CC4	0.1578	0.0594	-0.2160	5.89E-5	-5.13E-4	-9.62E-5
	CC5	-0.1538	-0.0627	0.0068	-9.32E-5	5.11E-4	1.16E-4
	CC6	-0.1568	-0.0971	0.0137	-1.81E-4	5.23E-4	1.34E-4
	CC7	-0.1510	-0.2753	0.0427	-7.80E-4	5.16E-4	1.31E-4
	CC8	-0.1540	-0.3097	0.0495	-8.67E-4	5.28E-4	1.48E-4
	CC9	0.0492	0.4650	-0.2155	1.41E-3	-1.85E-4	-7.97E-5
	CC10	0.0391	0.3511	-0.1929	1.12E-3	-1.45E-4	-2.11E-5
	CC11	-0.0444	0.3543	-0.1359	1.13E-3	1.27E-4	-6.32E-6
	CC12	-0.0544	0.2404	-0.1132	8.43E-4	1.67E-4	5.23E-5
	CC13	0.0584	-0.2437	-0.0960	-8.77E-4	-1.69E-4	-3.21E-5
	CC14	0.0484	-0.3576	-0.0733	-1.17E-3	-1.29E-4	2.66E-5
	CC15	-0.0351	-0.3544	-0.0163	-1.16E-3	1.44E-4	4.13E-5
	CC16	-0.0452	-0.4683	0.0064	-1.45E-3	1.84E-4	1.00E-4
101	CC1	0.5055	-0.6788	-0.1918	-7.44E-4	-8.09E-4	-3.41E-4
	CC2	0.4598	-0.5779	-0.1801	-6.30E-4	-7.39E-4	-2.97E-4
	CC3	0.4694	-1.0630	-0.2726	-1.23E-3	-7.44E-4	-2.86E-4
	CC4	0.4236	-0.9621	-0.2609	-1.11E-3	-6.74E-4	-2.42E-4
	CC5	-0.4315	0.9472	0.0471	1.12E-3	6.27E-4	2.56E-4
	CC6	-0.4773	1.0481	0.0588	1.23E-3	6.96E-4	2.99E-4
	CC7	-0.4677	0.5629	-0.0336	6.32E-4	6.92E-4	3.10E-4
	CC8	-0.5134	0.6639	-0.0219	7.46E-4	7.61E-4	3.54E-4
	CC9	0.2726	0.2219	-0.0276	3.40E-4	-4.62E-4	-2.46E-4
	CC10	0.1212	0.5561	0.0113	7.18E-4	-2.33E-4	-1.01E-4
	CC11	-0.0085	0.7097	0.0441	8.98E-4	-3.18E-5	-6.76E-5

	CC12	-0.1600	1.0438	0.0829	1.28E-3	1.98E-4	7.78E-5
	CC13	0.1521	-1.0588	-0.2967	-1.27E-3	-2.46E-4	-6.42E-5
	CC14	0.0006	-0.7247	-0.2579	-8.96E-4	-1.57E-5	8.12E-5
	CC15	-0.1291	-0.5710	-0.2250	-7.16E-4	1.85E-4	1.15E-4
	CC16	-0.2805	-0.2369	-0.1862	-3.38E-4	4.15E-4	2.60E-4
102	CC1	0.3972	-0.6787	-0.2035	-9.13E-4	-5.73E-4	-3.46E-4
	CC2	0.3798	-0.5777	-0.1867	-7.79E-4	-5.56E-4	-3.02E-4
	CC3	0.3948	-1.0629	-0.2695	-1.47E-3	-5.44E-4	-2.91E-4
	CC4	0.3774	-0.9620	-0.2527	-1.34E-3	-5.28E-4	-2.47E-4
	CC5	-0.3758	0.9473	0.0652	1.27E-3	4.52E-4	2.50E-4
	CC6	-0.3932	1.0482	0.0820	1.40E-3	4.68E-4	2.94E-4
	CC7	-0.3782	0.5631	-0.0008	7.11E-4	4.80E-4	3.05E-4
	CC8	-0.3956	0.6640	0.0160	8.45E-4	4.96E-4	3.49E-4
	CC9	0.1496	0.2221	-0.0518	3.46E-4	-2.66E-4	-2.52E-4
	CC10	0.0919	0.5562	0.0037	7.91E-4	-2.12E-4	-1.06E-4
	CC11	-0.0823	0.7099	0.0288	1.00E-3	4.17E-5	-7.28E-5
	CC12	-0.1399	1.0440	0.0844	1.45E-3	9.53E-5	7.27E-5
	CC13	0.1415	-1.0586	-0.2718	-1.51E-3	-1.72E-4	-6.94E-5
	CC14	0.0839	-0.7245	-0.2163	-1.07E-3	-1.18E-4	7.61E-5
	CC15	-0.0904	-0.5708	-0.1912	-8.58E-4	1.36E-4	1.09E-4
	CC16	-0.1480	-0.2367	-0.1357	-4.14E-4	1.89E-4	2.55E-4
103	CC1	0.3530	-0.6785	0.0973	-1.14E-3	-5.80E-4	-3.48E-4
	CC2	0.3482	-0.5775	0.0692	-9.65E-4	-5.71E-4	-3.04E-4
	CC3	0.3696	-1.0627	0.2060	-1.84E-3	-6.23E-4	-2.93E-4
	CC4	0.3648	-0.9617	0.1779	-1.67E-3	-6.13E-4	-2.49E-4
	CC5	-0.3628	0.9475	-0.3540	1.63E-3	5.74E-4	2.48E-4
	CC6	-0.3676	1.0485	-0.3821	1.80E-3	5.84E-4	2.92E-4
	CC7	-0.3462	0.5633	-0.2453	9.28E-4	5.32E-4	3.03E-4
	CC8	-0.3510	0.6643	-0.2734	1.10E-3	5.41E-4	3.47E-4
	CC9	0.0886	0.2223	-0.1550	4.54E-4	-1.37E-4	-2.54E-4
	CC10	0.0729	0.5564	-0.2480	1.02E-3	-1.06E-4	-1.08E-4
	CC11	-0.1261	0.7101	-0.2904	1.28E-3	2.09E-4	-7.47E-5
	CC12	-0.1419	1.0442	-0.3834	1.85E-3	2.40E-4	7.07E-5
	CC13	0.1439	-1.0584	0.2073	-1.89E-3	-2.79E-4	-7.13E-5
	CC14	0.1281	-0.7243	0.1143	-1.32E-3	-2.48E-4	7.42E-5
	CC15	-0.0709	-0.5706	0.0719	-1.06E-3	6.71E-5	1.08E-4
	CC16	-0.0866	-0.2365	-0.0211	-4.91E-4	9.85E-5	2.53E-4
104	CC1	0.5057	-0.5285	-0.1436	-8.91E-4	-4.14E-4	-3.45E-4
	CC2	0.4600	-0.4466	-0.1404	-7.44E-4	-3.83E-4	-3.01E-4
	CC3	0.4696	-0.9364	-0.1716	-1.70E-3	-3.31E-4	-2.91E-4
	CC4	0.4238	-0.8546	-0.1685	-1.56E-3	-3.01E-4	-2.47E-4
	CC5	-0.4313	0.8388	-0.0647	1.57E-3	3.14E-4	2.51E-4
	CC6	-0.4771	0.9206	-0.0615	1.72E-3	3.44E-4	2.95E-4
	CC7	-0.4675	0.4308	-0.0928	7.58E-4	3.96E-4	3.05E-4
	CC8	-0.5132	0.5127	-0.0896	9.05E-4	4.27E-4	3.49E-4
	CC9	0.2728	0.3314	-0.0869	7.47E-4	-2.92E-4	-2.51E-4
	CC10	0.1214	0.6024	-0.0763	1.23E-3	-1.90E-4	-1.06E-4
	CC11	-0.0083	0.7416	-0.0632	1.48E-3	-7.33E-5	-7.24E-5
	CC12	-0.1597	1.0126	-0.0527	1.97E-3	2.83E-5	7.30E-5
	CC13	0.1523	-1.0284	-0.1805	-1.96E-3	-1.54E-5	-6.90E-5
	CC14	0.0008	-0.7574	-0.1699	-1.47E-3	8.63E-5	7.65E-5
	CC15	-0.1288	-0.6182	-0.1568	-1.22E-3	2.03E-4	1.10E-4
	CC16	-0.2803	-0.3472	-0.1463	-7.33E-4	3.05E-4	2.55E-4
105	CC1	0.3971	-0.5277	-0.1534	-9.09E-4	-2.91E-4	-3.47E-4
	CC2	0.3797	-0.4459	-0.1498	-7.69E-4	-3.17E-4	-3.03E-4
	CC3	0.3947	-0.9357	-0.1715	-1.63E-3	-1.77E-4	-2.93E-4
	CC4	0.3773	-0.8538	-0.1680	-1.49E-3	-2.02E-4	-2.49E-4
	CC5	-0.3758	0.8395	-0.0733	1.40E-3	1.33E-4	2.49E-4
	CC6	-0.3933	0.9214	-0.0697	1.54E-3	1.08E-4	2.93E-4
	CC7	-0.3783	0.4316	-0.0914	6.82E-4	2.47E-4	3.03E-4
	CC8	-0.3957	0.5135	-0.0878	8.21E-4	2.22E-4	3.47E-4
	CC9	0.1495	0.3322	-0.1083	5.74E-4	-2.47E-4	-2.53E-4
	CC10	0.0919	0.6032	-0.0965	1.04E-3	-3.31E-4	-1.08E-4
	CC11	-0.0824	0.7424	-0.0843	1.27E-3	-1.20E-4	-7.45E-5
	CC12	-0.1400	1.0134	-0.0724	1.73E-3	-2.04E-4	7.09E-5
	CC13	0.1415	-1.0276	-0.1688	-1.81E-3	1.34E-4	-7.11E-5
	CC14	0.0838	-0.7566	-0.1569	-1.35E-3	5.09E-5	7.44E-5
	CC15	-0.0904	-0.6174	-0.1448	-1.12E-3	2.62E-4	1.08E-4
	CC16	-0.1481	-0.3464	-0.1329	-6.61E-4	1.78E-4	2.53E-4
106	CC1	0.3528	-0.5276	-0.0680	-8.91E-4	-3.05E-4	-3.47E-4
	CC2	0.3481	-0.4457	-0.0719	-7.48E-4	-2.86E-4	-3.03E-4
	CC3	0.3694	-0.9355	-0.0480	-1.68E-3	-3.80E-4	-2.93E-4

	CC4	0.3647	-0.8536	-0.0518	-1.53E-3	-3.61E-4	-2.49E-4
	CC5	-0.3629	0.8397	-0.1482	1.49E-3	3.53E-4	2.49E-4
	CC6	-0.3676	0.9215	-0.1521	1.63E-3	3.72E-4	2.93E-4
	CC7	-0.3463	0.4317	-0.1281	7.04E-4	2.78E-4	3.03E-4
	CC8	-0.3510	0.5136	-0.1320	8.47E-4	2.97E-4	3.47E-4
	CC9	0.0884	0.3323	-0.1151	6.91E-4	-9.90E-6	-2.53E-4
	CC10	0.0727	0.6033	-0.1278	1.17E-3	5.37E-5	-1.08E-4
	CC11	-0.1263	0.7425	-0.1391	1.41E-3	1.88E-4	-7.44E-5
	CC12	-0.1420	1.0135	-0.1519	1.88E-3	2.51E-4	7.10E-5
	CC13	0.1438	-1.0275	-0.0482	-1.92E-3	-2.59E-4	-7.10E-5
	CC14	0.1281	-0.7565	-0.0609	-1.45E-3	-1.95E-4	7.44E-5
	CC15	-0.0710	-0.6173	-0.0722	-1.21E-3	-6.16E-5	1.08E-4
	CC16	-0.0866	-0.3463	-0.0850	-7.36E-4	2.05E-6	2.53E-4
107	CC1	0.5059	-0.4024	-0.1128	-6.68E-4	-4.20E-4	-3.47E-4
	CC2	0.4602	-0.3364	-0.1117	-5.48E-4	-3.83E-4	-3.03E-4
	CC3	0.4697	-0.8301	-0.0807	-1.51E-3	-3.82E-4	-2.92E-4
	CC4	0.4240	-0.7642	-0.0796	-1.39E-3	-3.45E-4	-2.48E-4
	CC5	-0.4311	0.7486	-0.1463	1.41E-3	3.41E-4	2.49E-4
	CC6	-0.4769	0.8145	-0.1451	1.53E-3	3.78E-4	2.93E-4
	CC7	-0.4673	0.3208	-0.1141	5.65E-4	3.79E-4	3.04E-4
	CC8	-0.5131	0.3867	-0.1130	6.84E-4	4.16E-4	3.48E-4
	CC9	0.2730	0.4234	-0.1633	9.07E-4	-2.40E-4	-2.52E-4
	CC10	0.1215	0.6416	-0.1596	1.30E-3	-1.19E-4	-1.07E-4
	CC11	-0.0081	0.7687	-0.1734	1.53E-3	-1.21E-5	-7.37E-5
	CC12	-0.1596	0.9869	-0.1696	1.93E-3	1.10E-4	7.18E-5
	CC13	0.1524	-1.0025	-0.0562	-1.91E-3	-1.13E-4	-7.02E-5
	CC14	0.0010	-0.7843	-0.0525	-1.51E-3	8.21E-6	7.52E-5
	CC15	-0.1287	-0.6572	-0.0662	-1.29E-3	1.15E-4	1.09E-4
	CC16	-0.2801	-0.4390	-0.0625	-8.90E-4	2.36E-4	2.54E-4
108	CC1	0.3970	-0.4016	-0.1087	-6.82E-4	-3.30E-4	-3.46E-4
	CC2	0.3796	-0.3357	-0.1085	-5.71E-4	-3.13E-4	-3.02E-4
	CC3	0.3946	-0.8293	-0.1144	-1.45E-3	-3.61E-4	-2.91E-4
	CC4	0.3771	-0.7634	-0.1142	-1.34E-3	-3.44E-4	-2.47E-4
	CC5	-0.3760	0.7494	-0.1260	1.24E-3	3.39E-4	2.50E-4
	CC6	-0.3934	0.8153	-0.1257	1.35E-3	3.56E-4	2.94E-4
	CC7	-0.3784	0.3216	-0.1317	4.75E-4	3.07E-4	3.05E-4
	CC8	-0.3958	0.3875	-0.1315	5.87E-4	3.25E-4	3.49E-4
	CC9	0.1494	0.4242	-0.1083	7.57E-4	-7.88E-5	-2.52E-4
	CC10	0.0917	0.6424	-0.1075	1.13E-3	-2.21E-5	-1.06E-4
	CC11	-0.0825	0.7695	-0.1135	1.33E-3	1.22E-4	-7.28E-5
	CC12	-0.1402	0.9877	-0.1127	1.70E-3	1.79E-4	7.27E-5
	CC13	0.1413	-1.0017	-0.1274	-1.80E-3	-1.84E-4	-6.93E-5
	CC14	0.0837	-0.7835	-0.1267	-1.43E-3	-1.27E-4	7.61E-5
	CC15	-0.0906	-0.6564	-0.1326	-1.22E-3	1.68E-5	1.09E-4
	CC16	-0.1482	-0.4382	-0.1318	-8.53E-4	7.35E-5	2.55E-4
109	CC1	0.3528	-0.4014	-0.0812	-6.63E-4	-2.86E-4	-3.47E-4
	CC2	0.3480	-0.3355	-0.0830	-5.51E-4	-2.84E-4	-3.03E-4
	CC3	0.3694	-0.8292	-0.0688	-1.44E-3	-2.97E-4	-2.93E-4
	CC4	0.3646	-0.7633	-0.0706	-1.33E-3	-2.95E-4	-2.49E-4
	CC5	-0.3630	0.7495	-0.1292	1.28E-3	2.80E-4	2.49E-4
	CC6	-0.3678	0.8154	-0.1310	1.39E-3	2.82E-4	2.93E-4
	CC7	-0.3464	0.3218	-0.1168	5.00E-4	2.69E-4	3.03E-4
	CC8	-0.3512	0.3877	-0.1186	6.12E-4	2.71E-4	3.47E-4
	CC9	0.0884	0.4243	-0.1104	7.96E-4	-7.82E-5	-2.53E-4
	CC10	0.0727	0.6425	-0.1163	1.17E-3	-7.12E-5	-1.08E-4
	CC11	-0.1263	0.7696	-0.1248	1.38E-3	9.16E-5	-7.43E-5
	CC12	-0.1421	0.9878	-0.1307	1.75E-3	9.87E-5	7.11E-5
	CC13	0.1437	-1.0016	-0.0691	-1.80E-3	-1.14E-4	-7.09E-5
	CC14	0.1279	-0.7834	-0.0749	-1.43E-3	-1.07E-4	7.46E-5
	CC15	-0.0711	-0.6563	-0.0835	-1.22E-3	5.60E-5	1.08E-4
	CC16	-0.0868	-0.4381	-0.0893	-8.47E-4	6.30E-5	2.53E-4
110	CC1	0.5060	-0.2758	-0.0907	-2.66E-4	-4.32E-4	-3.45E-4
	CC2	0.4603	-0.2258	-0.0899	-2.04E-4	-3.95E-4	-3.01E-4
	CC3	0.4698	-0.7234	-0.1050	-8.71E-4	-3.74E-4	-2.91E-4
	CC4	0.4241	-0.6734	-0.1041	-8.09E-4	-3.37E-4	-2.47E-4
	CC5	-0.4310	0.6589	-0.1186	8.95E-4	3.32E-4	2.51E-4
	CC6	-0.4768	0.7088	-0.1178	9.57E-4	3.69E-4	2.95E-4
	CC7	-0.4672	0.2113	-0.1329	2.89E-4	3.90E-4	3.05E-4
	CC8	-0.5129	0.2612	-0.1320	3.51E-4	4.27E-4	3.49E-4
	CC9	0.2731	0.5158	-0.0848	7.76E-4	-2.75E-4	-2.51E-4
	CC10	0.1216	0.6812	-0.0820	9.81E-4	-1.53E-4	-1.06E-4
	CC11	-0.0080	0.7962	-0.0932	1.12E-3	-4.57E-5	-7.26E-5

	CC12	-0.1595	0.9616	-0.0904	1.33E-3	7.64E-5	7.29E-5
	CC13	0.1525	-0.9762	-0.1324	-1.24E-3	-8.17E-5	-6.91E-5
	CC14	0.0011	-0.8108	-0.1296	-1.04E-3	4.04E-5	7.63E-5
	CC15	-0.1286	-0.6958	-0.1408	-8.95E-4	1.47E-4	1.10E-4
	CC16	-0.2800	-0.5304	-0.1379	-6.90E-4	2.69E-4	2.55E-4
111	CC1	0.3968	-0.2755	-0.0865	-1.86E-4	-3.08E-4	-3.46E-4
	CC2	0.3794	-0.2256	-0.0851	-1.66E-4	-2.95E-4	-3.02E-4
	CC3	0.3944	-0.7231	-0.1094	-3.83E-4	-3.20E-4	-2.91E-4
	CC4	0.3770	-0.6732	-0.1080	-3.63E-4	-3.07E-4	-2.47E-4
	CC5	-0.3762	0.6591	-0.1338	2.45E-4	2.91E-4	2.50E-4
	CC6	-0.3936	0.7091	-0.1325	2.66E-4	3.03E-4	2.94E-4
	CC7	-0.3786	0.2115	-0.1567	4.81E-5	2.78E-4	3.05E-4
	CC8	-0.3960	0.2615	-0.1554	6.84E-5	2.91E-4	3.49E-4
	CC9	0.1492	0.5161	-0.0778	1.72E-4	-9.82E-5	-2.52E-4
	CC10	0.0916	0.6815	-0.0735	2.39E-4	-5.66E-5	-1.06E-4
	CC11	-0.0827	0.7965	-0.0920	3.01E-4	8.13E-5	-7.30E-5
	CC12	-0.1403	0.9619	-0.0877	3.68E-4	1.23E-4	7.24E-5
	CC13	0.1411	-0.9759	-0.1542	-4.86E-4	-1.40E-4	-6.96E-5
	CC14	0.0835	-0.8105	-0.1498	-4.19E-4	-9.79E-5	7.58E-5
	CC15	-0.0908	-0.6955	-0.1684	-3.56E-4	4.00E-5	1.09E-4
	CC16	-0.1484	-0.5301	-0.1640	-2.89E-4	8.16E-5	2.55E-4
112	CC1	0.3527	-0.2755	-0.0794	-2.15E-4	-2.86E-4	-3.46E-4
	CC2	0.3479	-0.2256	-0.0826	-1.91E-4	-2.82E-4	-3.03E-4
	CC3	0.3693	-0.7231	-0.0481	-4.55E-4	-3.03E-4	-2.92E-4
	CC4	0.3645	-0.6732	-0.0513	-4.30E-4	-2.98E-4	-2.48E-4
	CC5	-0.3631	0.6591	-0.1540	3.03E-4	2.83E-4	2.50E-4
	CC6	-0.3679	0.7091	-0.1572	3.27E-4	2.88E-4	2.94E-4
	CC7	-0.3465	0.2115	-0.1227	6.32E-5	2.67E-4	3.04E-4
	CC8	-0.3513	0.2615	-0.1259	8.79E-5	2.72E-4	3.48E-4
	CC9	0.0883	0.5161	-0.1384	2.17E-4	-7.37E-5	-2.52E-4
	CC10	0.0725	0.6815	-0.1489	2.99E-4	-5.78E-5	-1.07E-4
	CC11	-0.1265	0.7965	-0.1607	3.72E-4	9.71E-5	-7.36E-5
	CC12	-0.1422	0.9619	-0.1713	4.54E-4	1.13E-4	7.19E-5
	CC13	0.1436	-0.9759	-0.0340	-5.82E-4	-1.28E-4	-7.01E-5
	CC14	0.1278	-0.8105	-0.0445	-5.00E-4	-1.12E-4	7.53E-5
	CC15	-0.0712	-0.6955	-0.0564	-4.26E-4	4.30E-5	1.09E-4
	CC16	-0.0869	-0.5301	-0.0669	-3.44E-4	5.90E-5	2.54E-4
113	CC1	0.5061	-0.1510	-0.1163	-1.98E-4	-4.36E-4	-3.44E-4
	CC2	0.4604	-0.1170	-0.1160	-1.37E-4	-3.98E-4	-3.00E-4
	CC3	0.4699	-0.6184	-0.0905	-1.13E-3	-3.91E-4	-2.89E-4
	CC4	0.4242	-0.5844	-0.0903	-1.07E-3	-3.53E-4	-2.45E-4
	CC5	-0.4309	0.5676	-0.1313	1.08E-3	3.42E-4	2.52E-4
	CC6	-0.4767	0.6016	-0.1310	1.15E-3	3.79E-4	2.96E-4
	CC7	-0.4671	0.1001	-0.1055	1.50E-4	3.87E-4	3.07E-4
	CC8	-0.5129	0.1342	-0.1053	2.11E-4	4.25E-4	3.51E-4
	CC9	0.2732	0.6065	-0.1518	1.27E-3	-2.60E-4	-2.50E-4
	CC10	0.1217	0.7192	-0.1509	1.47E-3	-1.35E-4	-1.04E-4
	CC11	-0.0079	0.8221	-0.1563	1.66E-3	-2.68E-5	-7.11E-5
	CC12	-0.1594	0.9348	-0.1554	1.86E-3	9.79E-5	7.44E-5
	CC13	0.1526	-0.9516	-0.0661	-1.84E-3	-1.09E-4	-6.77E-5
	CC14	0.0012	-0.8389	-0.0652	-1.64E-3	1.55E-5	7.78E-5
	CC15	-0.1285	-0.7360	-0.0706	-1.46E-3	1.24E-4	1.11E-4
	CC16	-0.2799	-0.6234	-0.0697	-1.26E-3	2.49E-4	2.57E-4
114	CC1	0.3967	-0.1502	-0.0292	-1.74E-4	3.84E-5	-3.46E-4
	CC2	0.3793	-0.1162	-0.0313	-1.24E-4	3.77E-5	-3.02E-4
	CC3	0.3943	-0.6177	-0.0437	-1.06E-3	5.91E-5	-2.91E-4
	CC4	0.3768	-0.5836	-0.0457	-1.01E-3	5.84E-5	-2.47E-4
	CC5	-0.3763	0.5683	-0.1981	9.20E-4	-1.45E-5	2.50E-4
	CC6	-0.3937	0.6024	-0.2001	9.69E-4	-1.52E-5	2.94E-4
	CC7	-0.3787	0.1009	-0.2125	3.74E-5	6.16E-6	3.05E-4
	CC8	-0.3961	0.1349	-0.2145	8.73E-5	5.54E-6	3.49E-4
	CC9	0.1491	0.6073	-0.0691	1.18E-3	-3.57E-6	-2.52E-4
	CC10	0.0914	0.7200	-0.0758	1.35E-3	-5.63E-6	-1.06E-4
	CC11	-0.0828	0.8229	-0.1198	1.51E-3	-1.94E-5	-7.29E-5
	CC12	-0.1405	0.9355	-0.1265	1.67E-3	-2.15E-5	7.25E-5
	CC13	0.1410	-0.9508	-0.1173	-1.76E-3	6.54E-5	-6.95E-5
	CC14	0.0834	-0.8382	-0.1240	-1.60E-3	6.33E-5	7.60E-5
	CC15	-0.0909	-0.7353	-0.1680	-1.43E-3	4.95E-5	1.09E-4
	CC16	-0.1485	-0.6226	-0.1747	-1.27E-3	4.75E-5	2.55E-4
115	CC1	0.3525	-0.1501	-0.0687	-2.20E-4	-2.85E-4	-3.46E-4
	CC2	0.3478	-0.1161	-0.0703	-1.62E-4	-2.79E-4	-3.02E-4
	CC3	0.3691	-0.6175	-0.0531	-1.09E-3	-3.22E-4	-2.91E-4

	CC4	0.3644	-0.5835	-0.0547	-1.03E-3	-3.17E-4	-2.47E-4
	CC5	-0.3633	0.5685	-0.1532	9.71E-4	2.98E-4	2.50E-4
	CC6	-0.3680	0.6025	-0.1548	1.03E-3	3.03E-4	2.94E-4
	CC7	-0.3467	0.1010	-0.1376	1.05E-4	2.61E-4	3.05E-4
	CC8	-0.3514	0.1351	-0.1392	1.63E-4	2.66E-4	3.49E-4
	CC9	0.0882	0.6074	-0.1146	1.14E-3	-4.32E-5	-2.52E-4
	CC10	0.0724	0.7201	-0.1200	1.33E-3	-2.56E-5	-1.06E-4
	CC11	-0.1266	0.8230	-0.1400	1.50E-3	1.32E-4	-7.28E-5
	CC12	-0.1423	0.9357	-0.1453	1.69E-3	1.49E-4	7.26E-5
	CC13	0.1434	-0.9507	-0.0626	-1.75E-3	-1.68E-4	-6.94E-5
	CC14	0.1277	-0.8380	-0.0679	-1.55E-3	-1.50E-4	7.60E-5
	CC15	-0.0713	-0.7351	-0.0879	-1.39E-3	6.84E-6	1.09E-4
	CC16	-0.0870	-0.6225	-0.0933	-1.20E-3	2.45E-5	2.55E-4
116	CC1	0.5062	-0.0223	-0.0915	3.47E-5	-4.34E-4	-3.44E-4
	CC2	0.4605	-0.0047	-0.0915	6.84E-5	-3.96E-4	-3.00E-4
	CC3	0.4700	-0.5101	-0.1160	-9.83E-4	-3.93E-4	-2.90E-4
	CC4	0.4243	-0.4925	-0.1160	-9.49E-4	-3.55E-4	-2.46E-4
	CC5	-0.4308	0.4748	-0.1074	9.60E-4	3.45E-4	2.52E-4
	CC6	-0.4766	0.4924	-0.1074	9.94E-4	3.83E-4	2.96E-4
	CC7	-0.4670	-0.0130	-0.1319	-5.77E-5	3.85E-4	3.06E-4
	CC8	-0.5128	0.0046	-0.1319	-2.40E-5	4.23E-4	3.50E-4
	CC9	0.2733	0.7004	-0.0685	1.51E-3	-2.53E-4	-2.50E-4
	CC10	0.1218	0.7588	-0.0685	1.62E-3	-1.27E-4	-1.05E-4
	CC11	-0.0078	0.8496	-0.0732	1.78E-3	-1.94E-5	-7.16E-5
	CC12	-0.1593	0.9080	-0.0732	1.90E-3	1.06E-4	7.39E-5
	CC13	0.1527	-0.9257	-0.1502	-1.89E-3	-1.17E-4	-6.81E-5
	CC14	0.0013	-0.8673	-0.1502	-1.77E-3	9.16E-6	7.73E-5
	CC15	-0.1284	-0.7765	-0.1549	-1.61E-3	1.17E-4	1.11E-4
	CC16	-0.2798	-0.7181	-0.1550	-1.50E-3	2.43E-4	2.56E-4
117	CC1	0.3966	-0.0216	0.0169	1.09E-6	-2.89E-4	-3.45E-4
	CC2	0.3791	-0.0040	0.0136	3.44E-5	-2.76E-4	-3.01E-4
	CC3	0.3941	-0.5095	0.0042	-9.96E-4	-2.96E-4	-2.90E-4
	CC4	0.3767	-0.4918	0.0009	-9.62E-4	-2.83E-4	-2.46E-4
	CC5	-0.3764	0.4755	-0.2187	9.17E-4	3.10E-4	2.51E-4
	CC6	-0.3938	0.4931	-0.2220	9.50E-4	3.23E-4	2.95E-4
	CC7	-0.3788	-0.0124	-0.2314	-8.00E-5	3.03E-4	3.06E-4
	CC8	-0.3963	0.0053	-0.2347	-4.66E-5	3.16E-4	3.50E-4
	CC9	0.1490	0.7011	-0.0469	1.45E-3	-8.73E-5	-2.50E-4
	CC10	0.0913	0.7595	-0.0580	1.56E-3	-4.42E-5	-1.05E-4
	CC11	-0.0829	0.8502	-0.1175	1.72E-3	9.24E-5	-7.17E-5
	CC12	-0.1406	0.9086	-0.1286	1.83E-3	1.35E-4	7.38E-5
	CC13	0.1409	-0.9250	-0.0892	-1.88E-3	-1.08E-4	-6.82E-5
	CC14	0.0832	-0.8666	-0.1003	-1.77E-3	-6.53E-5	7.72E-5
	CC15	-0.0910	-0.7759	-0.1598	-1.60E-3	7.12E-5	1.11E-4
	CC16	-0.1486	-0.7175	-0.1709	-1.49E-3	1.14E-4	2.56E-4
118	CC1	0.3524	-0.0217	-0.0066	3.29E-5	-1.17E-5	-3.44E-4
	CC2	0.3476	-0.0041	-0.0067	5.94E-5	-2.13E-6	-3.00E-4
	CC3	0.3690	-0.5096	-0.0243	-9.13E-4	-2.16E-4	-2.89E-4
	CC4	0.3642	-0.4919	-0.0244	-8.86E-4	-2.06E-4	-2.45E-4
	CC5	-0.3634	0.4754	-0.1876	8.20E-4	2.30E-4	2.52E-4
	CC6	-0.3682	0.4930	-0.1877	8.46E-4	2.40E-4	2.96E-4
	CC7	-0.3468	-0.0125	-0.2053	-1.26E-4	2.58E-5	3.07E-4
	CC8	-0.3516	0.0052	-0.2054	-9.91E-5	3.54E-5	3.51E-4
	CC9	0.0880	0.7010	-0.0493	1.38E-3	3.00E-4	-2.50E-4
	CC10	0.0723	0.7594	-0.0496	1.47E-3	3.32E-4	-1.05E-4
	CC11	-0.1267	0.8501	-0.1036	1.62E-3	3.73E-4	-7.12E-5
	CC12	-0.1425	0.9085	-0.1039	1.70E-3	4.04E-4	7.43E-5
	CC13	0.1433	-0.9251	-0.1082	-1.77E-3	-3.81E-4	-6.78E-5
	CC14	0.1275	-0.8667	-0.1084	-1.68E-3	-3.49E-4	7.77E-5
	CC15	-0.0715	-0.7760	-0.1625	-1.53E-3	-3.08E-4	1.11E-4
	CC16	-0.0872	-0.7176	-0.1627	-1.45E-3	-2.76E-4	2.57E-4
119	CC1	0.5063	0.1057	-0.0981	2.72E-4	-4.30E-4	-3.45E-4
	CC2	0.4606	0.1070	-0.0983	2.75E-4	-3.92E-4	-3.01E-4
	CC3	0.4702	-0.4025	-0.1117	-7.83E-4	-3.82E-4	-2.90E-4
	CC4	0.4244	-0.4012	-0.1120	-7.80E-4	-3.45E-4	-2.46E-4
	CC5	-0.4307	0.3814	-0.1145	7.90E-4	3.35E-4	2.51E-4
	CC6	-0.4765	0.3827	-0.1147	7.93E-4	3.73E-4	2.95E-4
	CC7	-0.4669	-0.1268	-0.1281	-2.65E-4	3.82E-4	3.06E-4
	CC8	-0.5126	-0.1256	-0.1284	-2.62E-4	4.20E-4	3.50E-4
	CC9	0.2734	0.7937	-0.0876	1.68E-3	-2.61E-4	-2.51E-4
	CC10	0.1219	0.7978	-0.0885	1.69E-3	-1.36E-4	-1.05E-4
	CC11	-0.0077	0.8764	-0.0925	1.84E-3	-3.18E-5	-7.20E-5



	CC12	-0.1592	0.8805	-0.0934	1.85E-3	9.31E-5	7.34E-5
	CC13	0.1528	-0.9004	-0.1331	-1.84E-3	-1.03E-4	-6.86E-5
	CC14	0.0014	-0.8962	-0.1339	-1.83E-3	2.21E-5	7.69E-5
	CC15	-0.1283	-0.8177	-0.1380	-1.68E-3	1.27E-4	1.10E-4
	CC16	-0.2797	-0.8135	-0.1388	-1.67E-3	2.52E-4	2.56E-4
120	CC1	0.3964	0.1063	-0.0422	2.42E-4	-5.70E-4	-3.45E-4
	CC2	0.3790	0.1075	-0.0430	2.46E-4	-5.46E-4	-3.02E-4
	CC3	0.3940	-0.4019	-0.0566	-8.24E-4	-5.76E-4	-2.91E-4
	CC4	0.3766	-0.4007	-0.0574	-8.20E-4	-5.52E-4	-2.47E-4
	CC5	-0.3766	0.3820	-0.1539	7.71E-4	5.45E-4	2.51E-4
	CC6	-0.3940	0.3832	-0.1546	7.76E-4	5.70E-4	2.95E-4
	CC7	-0.3790	-0.1262	-0.1682	-2.95E-4	5.40E-4	3.05E-4
	CC8	-0.3964	-0.1250	-0.1690	-2.90E-4	5.64E-4	3.49E-4
	CC9	0.1488	0.7943	-0.0637	1.67E-3	-2.02E-4	-2.51E-4
	CC10	0.0912	0.7984	-0.0662	1.68E-3	-1.21E-4	-1.06E-4
	CC11	-0.0831	0.8770	-0.0971	1.82E-3	1.33E-4	-7.26E-5
	CC12	-0.1407	0.8811	-0.0997	1.84E-3	2.13E-4	7.29E-5
	CC13	0.1407	-0.8998	-0.1115	-1.89E-3	-2.19E-4	-6.92E-5
	CC14	0.0831	-0.8957	-0.1141	-1.87E-3	-1.39E-4	7.63E-5
	CC15	-0.0912	-0.8171	-0.1450	-1.73E-3	1.15E-4	1.10E-4
	CC16	-0.1488	-0.8130	-0.1476	-1.71E-3	1.96E-4	2.55E-4
121	CC1	0.3523	0.1059	0.0314	1.99E-4	-4.51E-4	-3.44E-4
	CC2	0.3475	0.1072	0.0355	2.03E-4	-4.44E-4	-3.00E-4
	CC3	0.3688	-0.4023	-0.0768	-7.33E-4	-5.19E-4	-2.90E-4
	CC4	0.3641	-0.4010	-0.0728	-7.29E-4	-5.12E-4	-2.46E-4
	CC5	-0.3635	0.3816	-0.1227	6.75E-4	5.11E-4	2.52E-4
	CC6	-0.3683	0.3829	-0.1186	6.79E-4	5.19E-4	2.96E-4
	CC7	-0.3470	-0.1266	-0.2309	-2.57E-4	4.44E-4	3.06E-4
	CC8	-0.3517	-0.1253	-0.2269	-2.53E-4	4.51E-4	3.50E-4
	CC9	0.0879	0.7939	0.0991	1.45E-3	-4.39E-5	-2.50E-4
	CC10	0.0721	0.7980	0.1124	1.46E-3	-1.98E-5	-1.05E-4
	CC11	-0.1269	0.8766	0.0529	1.59E-3	2.45E-4	-7.14E-5
	CC12	-0.1426	0.8807	0.0662	1.61E-3	2.69E-4	7.40E-5
	CC13	0.1432	-0.9002	-0.2616	-1.66E-3	-2.69E-4	-6.80E-5
	CC14	0.1274	-0.8960	-0.2483	-1.64E-3	-2.45E-4	7.74E-5
	CC15	-0.0716	-0.8174	-0.3079	-1.52E-3	1.95E-5	1.11E-4
	CC16	-0.0873	-0.8133	-0.2945	-1.50E-3	4.35E-5	2.56E-4
122	CC1	0.5065	0.2313	-0.0945	4.18E-4	-4.41E-4	-3.48E-4
	CC2	0.4607	0.2166	-0.0946	3.88E-4	-4.02E-4	-3.04E-4
	CC3	0.4703	-0.2967	-0.1250	-6.58E-4	-4.19E-4	-2.93E-4
	CC4	0.4246	-0.3114	-0.1251	-6.87E-4	-3.80E-4	-2.49E-4
	CC5	-0.4306	0.2921	-0.1122	6.97E-4	3.43E-4	2.48E-4
	CC6	-0.4763	0.2774	-0.1123	6.67E-4	3.82E-4	2.92E-4
	CC7	-0.4667	-0.2359	-0.1427	-3.79E-4	3.65E-4	3.03E-4
	CC8	-0.5125	-0.2506	-0.1428	-4.08E-4	4.04E-4	3.47E-4
	CC9	0.2735	0.8857	-0.0650	1.80E-3	-2.38E-4	-2.54E-4
	CC10	0.1221	0.8370	-0.0654	1.71E-3	-1.09E-4	-1.08E-4
	CC11	-0.0076	0.9039	-0.0703	1.89E-3	-2.50E-6	-7.51E-5
	CC12	-0.1590	0.8552	-0.0707	1.79E-3	1.26E-4	7.03E-5
	CC13	0.1530	-0.8745	-0.1666	-1.78E-3	-1.63E-4	-7.17E-5
	CC14	0.0015	-0.9232	-0.1670	-1.88E-3	-3.43E-5	7.38E-5
	CC15	-0.1281	-0.8563	-0.1719	-1.70E-3	7.24E-5	1.07E-4
	CC16	-0.2796	-0.9050	-0.1723	-1.79E-3	2.01E-4	2.53E-4
123	CC1	0.3963	0.2318	-0.2203	4.64E-4	-4.99E-4	-3.50E-4
	CC2	0.3790	0.2171	-0.2140	4.38E-4	-4.80E-4	-3.06E-4
	CC3	0.3938	-0.2962	-0.2329	-6.15E-4	-5.05E-4	-2.95E-4
	CC4	0.3765	-0.3109	-0.2266	-6.41E-4	-4.85E-4	-2.51E-4
	CC5	-0.3762	0.2926	0.0105	5.78E-4	4.46E-4	2.46E-4
	CC6	-0.3935	0.2779	0.0168	5.53E-4	4.66E-4	2.90E-4
	CC7	-0.3786	-0.2354	-0.0021	-5.01E-4	4.41E-4	3.01E-4
	CC8	-0.3960	-0.2501	0.0042	-5.27E-4	4.60E-4	3.45E-4
	CC9	0.1488	0.8862	-0.1322	1.79E-3	-1.84E-4	-2.56E-4
	CC10	0.0915	0.8375	-0.1113	1.71E-3	-1.21E-4	-1.10E-4
	CC11	-0.0829	0.9044	-0.0629	1.83E-3	9.95E-5	-7.67E-5
	CC12	-0.1402	0.8557	-0.0421	1.74E-3	1.63E-4	6.88E-5
	CC13	0.1405	-0.8740	-0.1740	-1.80E-3	-2.02E-4	-7.33E-5
	CC14	0.0832	-0.9227	-0.1532	-1.89E-3	-1.38E-4	7.22E-5
	CC15	-0.0912	-0.8558	-0.1048	-1.77E-3	8.17E-5	1.06E-4
	CC16	-0.1485	-0.9045	-0.0839	-1.86E-3	1.45E-4	2.51E-4
124	CC1	0.3523	0.2286	-0.1285	1.72E-4	-4.02E-4	-3.48E-4
	CC2	0.3475	0.2143	-0.1266	1.60E-4	-4.04E-4	-3.04E-4
	CC3	0.3689	-0.2989	-0.1481	-4.14E-4	-3.44E-4	-2.94E-4

	CC4	0.3641	-0.3132	-0.1462	-4.26E-4	-3.46E-4	-2.50E-4
	CC5	-0.3635	0.2950	-0.0799	3.47E-4	3.01E-4	2.48E-4
	CC6	-0.3683	0.2807	-0.0780	3.35E-4	3.00E-4	2.92E-4
	CC7	-0.3469	-0.2325	-0.0995	-2.39E-4	3.60E-4	3.02E-4
	CC8	-0.3517	-0.2468	-0.0976	-2.51E-4	3.58E-4	3.46E-4
	CC9	0.0879	0.8838	-0.0908	9.31E-4	-2.22E-4	-2.54E-4
	CC10	0.0721	0.8365	-0.0846	8.91E-4	-2.28E-4	-1.09E-4
	CC11	-0.1268	0.9037	-0.0763	9.84E-4	-1.11E-5	-7.54E-5
	CC12	-0.1426	0.8565	-0.0700	9.44E-4	-1.68E-5	7.00E-5
	CC13	0.1432	-0.8746	-0.1560	-1.02E-3	-2.75E-5	-7.20E-5
	CC14	0.1274	-0.9219	-0.1498	-1.06E-3	-3.33E-5	7.35E-5
	CC15	-0.0716	-0.8547	-0.1415	-9.70E-4	1.84E-4	1.07E-4
	CC16	-0.0873	-0.9020	-0.1352	-1.01E-3	1.78E-4	2.52E-4
125	CC1	0.5067	0.3621	-0.1027	2.72E-4	-3.50E-4	-3.48E-4
	CC2	0.4610	0.3314	-0.1027	1.92E-4	-3.18E-4	-3.04E-4
	CC3	0.4706	-0.1858	-0.1359	-6.75E-4	-3.83E-4	-2.94E-4
	CC4	0.4248	-0.2165	-0.1359	-7.55E-4	-3.51E-4	-2.50E-4
	CC5	-0.4303	0.2010	-0.1357	7.66E-4	3.16E-4	2.48E-4
	CC6	-0.4761	0.1704	-0.1357	6.86E-4	3.48E-4	2.92E-4
	CC7	-0.4665	-0.3468	-0.1689	-1.81E-4	2.83E-4	3.02E-4
	CC8	-0.5122	-0.3775	-0.1689	-2.62E-4	3.15E-4	3.46E-4
	CC9	0.2738	0.9803	-0.0755	1.64E-3	-1.15E-4	-2.54E-4
	CC10	0.1223	0.8789	-0.0755	1.38E-3	-9.86E-6	-1.09E-4
	CC11	-0.0073	0.9320	-0.0854	1.79E-3	8.44E-5	-7.53E-5
	CC12	-0.1588	0.8306	-0.0854	1.53E-3	1.90E-4	7.01E-5
	CC13	0.1533	-0.8460	-0.1862	-1.51E-3	-2.25E-4	-7.19E-5
	CC14	0.0018	-0.9474	-0.1862	-1.78E-3	-1.20E-4	7.35E-5
	CC15	-0.1279	-0.8943	-0.1961	-1.37E-3	-2.54E-5	1.07E-4
	CC16	-0.2793	-0.9957	-0.1961	-1.63E-3	8.02E-5	2.52E-4
126	CC1	0.3966	0.3628	-0.1846	3.81E-4	1.33E-4	-3.51E-4
	CC2	0.3792	0.3322	-0.1834	3.37E-4	1.20E-4	-3.07E-4
	CC3	0.3942	-0.1851	-0.2000	-6.45E-4	1.26E-4	-2.97E-4
	CC4	0.3768	-0.2157	-0.1988	-6.89E-4	1.13E-4	-2.53E-4
	CC5	-0.3763	0.2018	-0.0696	5.76E-4	-2.32E-4	2.45E-4
	CC6	-0.3937	0.1711	-0.0684	5.32E-4	-2.45E-4	2.89E-4
	CC7	-0.3788	-0.3461	-0.0850	-4.49E-4	-2.39E-4	2.99E-4
	CC8	-0.3962	-0.3768	-0.0838	-4.94E-4	-2.52E-4	3.43E-4
	CC9	0.1490	0.9811	-0.1277	1.70E-3	2.85E-5	-2.57E-4
	CC10	0.0914	0.8796	-0.1237	1.55E-3	-1.50E-5	-1.12E-4
	CC11	-0.0829	0.9327	-0.0932	1.76E-3	-8.08E-5	-7.85E-5
	CC12	-0.1405	0.8313	-0.0892	1.61E-3	-1.24E-4	6.69E-5
	CC13	0.1410	-0.8453	-0.1792	-1.72E-3	5.57E-6	-7.51E-5
	CC14	0.0833	-0.9467	-0.1753	-1.87E-3	-3.80E-5	7.03E-5
	CC15	-0.0909	-0.8936	-0.1447	-1.66E-3	-1.04E-4	1.04E-4
	CC16	-0.1486	-0.9950	-0.1408	-1.81E-3	-1.47E-4	2.49E-4
127	CC1	0.3524	0.3635	-0.1245	3.55E-4	-3.37E-4	-3.44E-4
	CC2	0.3477	0.3328	-0.1265	3.34E-4	-3.30E-4	-3.00E-4
	CC3	0.3690	-0.1844	-0.1515	-1.57E-4	-2.82E-4	-2.89E-4
	CC4	0.3643	-0.2151	-0.1535	-1.78E-4	-2.76E-4	-2.45E-4
	CC5	-0.3633	0.2024	-0.0834	9.53E-5	2.32E-4	2.52E-4
	CC6	-0.3681	0.1718	-0.0855	7.48E-5	2.39E-4	2.96E-4
	CC7	-0.3468	-0.3454	-0.1104	-4.17E-4	2.86E-4	3.07E-4
	CC8	-0.3515	-0.3761	-0.1125	-4.37E-4	2.93E-4	3.51E-4
	CC9	0.0881	0.9817	-0.0762	8.85E-4	-2.09E-4	-2.50E-4
	CC10	0.0723	0.8803	-0.0830	8.17E-4	-1.86E-4	-1.04E-4
	CC11	-0.1267	0.9334	-0.0638	8.07E-4	-3.82E-5	-7.10E-5
	CC12	-0.1424	0.8320	-0.0707	7.39E-4	-1.55E-5	7.44E-5
	CC13	0.1433	-0.8446	-0.1662	-8.22E-4	-2.80E-5	-6.76E-5
	CC14	0.1276	-0.9460	-0.1731	-8.89E-4	-5.30E-6	7.79E-5
	CC15	-0.0714	-0.8929	-0.1539	-8.99E-4	1.43E-4	1.11E-4
	CC16	-0.0871	-0.9943	-0.1608	-9.67E-4	1.65E-4	2.57E-4
128	CC1	0.3127	0.3488	-0.1978	3.27E-4	-4.76E-4	-3.45E-4
	CC2	0.3230	0.3200	-0.1980	3.07E-4	-4.92E-4	-3.01E-4
	CC3	0.3472	-0.1968	-0.1455	-1.69E-4	-5.36E-4	-2.90E-4
	CC4	0.3575	-0.2256	-0.1456	-1.89E-4	-5.51E-4	-2.46E-4
	CC5	-0.3532	0.2127	-0.0455	5.67E-5	5.27E-4	2.51E-4
	CC6	-0.3429	0.1839	-0.0457	3.63E-5	5.12E-4	2.95E-4
	CC7	-0.3187	-0.3329	0.0068	-4.39E-4	4.68E-4	3.06E-4
	CC8	-0.3084	-0.3616	0.0067	-4.59E-4	4.52E-4	3.50E-4
	CC9	0.0276	0.9709	-0.2054	8.34E-4	-3.80E-5	-2.51E-4
	CC10	0.0617	0.8756	-0.2060	7.67E-4	-8.92E-5	-1.05E-4
	CC11	-0.1722	0.9301	-0.1597	7.53E-4	2.63E-4	-7.17E-5

	CC12	-0.1381	0.8348	-0.1603	6.86E-4	2.12E-4	7.37E-5
	CC13	0.1424	-0.8477	-0.0309	-8.18E-4	-2.36E-4	-6.83E-5
	CC14	0.1765	-0.9430	-0.0314	-8.86E-4	-2.87E-4	7.71E-5
	CC15	-0.0574	-0.8885	0.0148	-9.00E-4	6.52E-5	1.10E-4
	CC16	-0.0233	-0.9838	0.0143	-9.67E-4	1.39E-5	2.56E-4
129	CC1	0.5071	0.4913	-0.0757	2.88E-4	-6.69E-4	-3.44E-4
	CC2	0.4614	0.4443	-0.0783	2.66E-4	-6.10E-4	-3.00E-4
	CC3	0.4710	-0.0770	-0.1329	1.49E-5	-6.16E-4	-2.90E-4
	CC4	0.4252	-0.1240	-0.1355	-6.82E-6	-5.57E-4	-2.46E-4
	CC5	-0.4299	0.1090	-0.1471	5.00E-5	5.48E-4	2.52E-4
	CC6	-0.4757	0.0620	-0.1498	2.83E-5	6.07E-4	2.96E-4
	CC7	-0.4661	-0.4593	-0.2043	-2.23E-4	6.01E-4	3.06E-4
	CC8	-0.5118	-0.5063	-0.2070	-2.45E-4	6.60E-4	3.50E-4
	CC9	0.2742	1.0748	-0.0309	5.48E-4	-3.73E-4	-2.50E-4
	CC10	0.1228	0.9191	-0.0396	4.76E-4	-1.78E-4	-1.05E-4
	CC11	-0.0069	0.9601	-0.0524	4.77E-4	-7.64E-6	-7.15E-5
	CC12	-0.1584	0.8044	-0.0611	4.05E-4	1.87E-4	7.40E-5
	CC13	0.1537	-0.8195	-0.2216	-3.62E-4	-1.96E-4	-6.80E-5
	CC14	0.0022	-0.9752	-0.2303	-4.34E-4	-1.44E-6	7.74E-5
	CC15	-0.1275	-0.9341	-0.2430	-4.33E-4	1.69E-4	1.11E-4
	CC16	-0.2789	-1.0899	-0.2517	-5.05E-4	3.63E-4	2.56E-4
130	CC1	0.3969	0.4930	-0.1415	3.52E-4	-5.56E-4	-3.46E-4
	CC2	0.3795	0.4457	-0.1438	3.20E-4	-5.29E-4	-3.02E-4
	CC3	0.3945	-0.0756	-0.1714	-5.65E-5	-5.49E-4	-2.91E-4
	CC4	0.3771	-0.1228	-0.1737	-8.87E-5	-5.22E-4	-2.47E-4
	CC5	-0.3760	0.1077	-0.0877	5.28E-5	5.21E-4	2.50E-4
	CC6	-0.3935	0.0605	-0.0901	2.07E-5	5.48E-4	2.94E-4
	CC7	-0.3785	-0.4608	-0.1177	-3.56E-4	5.28E-4	3.05E-4
	CC8	-0.3959	-0.5081	-0.1200	-3.88E-4	5.55E-4	3.49E-4
	CC9	0.1493	1.0760	-0.0850	7.61E-4	-2.19E-4	-2.52E-4
	CC10	0.0917	0.9196	-0.0927	6.55E-4	-1.29E-4	-1.06E-4
	CC11	-0.0826	0.9605	-0.0689	6.72E-4	1.04E-4	-7.30E-5
	CC12	-0.1402	0.8040	-0.0766	5.65E-4	1.94E-4	7.24E-5
	CC13	0.1413	-0.8191	-0.1849	-6.01E-4	-1.95E-4	-6.96E-5
	CC14	0.0836	-0.9756	-0.1926	-7.08E-4	-1.05E-4	7.59E-5
	CC15	-0.0906	-0.9347	-0.1687	-6.91E-4	1.28E-4	1.09E-4
	CC16	-0.1483	-1.0912	-0.1765	-7.97E-4	2.18E-4	2.55E-4
131	CC1	0.3528	0.4913	-0.1652	1.50E-5	-3.19E-4	-3.45E-4
	CC2	0.3480	0.4443	-0.1642	-8.44E-6	-3.12E-4	-3.01E-4
	CC3	0.3694	-0.0770	-0.1518	-2.87E-4	-2.92E-4	-2.90E-4
	CC4	0.3646	-0.1240	-0.1508	-3.10E-4	-2.85E-4	-2.46E-4
	CC5	-0.3630	0.1090	-0.1105	2.70E-4	2.71E-4	2.51E-4
	CC6	-0.3678	0.0620	-0.1095	2.46E-4	2.77E-4	2.95E-4
	CC7	-0.3464	-0.4593	-0.0971	-3.17E-5	2.98E-4	3.06E-4
	CC8	-0.3512	-0.5063	-0.0961	-5.51E-5	3.04E-4	3.50E-4
	CC9	0.0884	1.0749	-0.1628	4.83E-4	-1.51E-4	-2.51E-4
	CC10	0.0727	0.9191	-0.1594	4.06E-4	-1.30E-4	-1.06E-4
	CC11	-0.1263	0.9602	-0.1464	5.59E-4	2.60E-5	-7.22E-5
	CC12	-0.1421	0.8045	-0.1430	4.82E-4	4.72E-5	7.33E-5
	CC13	0.1437	-0.8194	-0.1182	-5.22E-4	-6.15E-5	-6.88E-5
	CC14	0.1279	-0.9751	-0.1149	-6.00E-4	-4.03E-5	7.67E-5
	CC15	-0.0710	-0.9341	-0.1018	-4.46E-4	1.15E-4	1.10E-4
	CC16	-0.0868	-1.0898	-0.0985	-5.23E-4	1.37E-4	2.55E-4
132	CC1	0.3127	0.4914	-0.1011	-3.14E-5	-3.40E-4	-3.47E-4
	CC2	0.3230	0.4443	-0.0946	-6.73E-5	-3.50E-4	-3.03E-4
	CC3	0.3471	-0.0769	-0.0361	-4.69E-4	-3.83E-4	-2.92E-4
	CC4	0.3574	-0.1239	-0.0296	-5.05E-4	-3.94E-4	-2.48E-4
	CC5	-0.3532	0.1091	-0.1929	3.79E-4	3.83E-4	2.49E-4
	CC6	-0.3429	0.0620	-0.1864	3.43E-4	3.72E-4	2.93E-4
	CC7	-0.3188	-0.4592	-0.1279	-5.90E-5	3.39E-4	3.04E-4
	CC8	-0.3085	-0.5062	-0.1214	-9.49E-5	3.29E-4	3.48E-4
	CC9	0.0276	1.0749	-0.2166	6.64E-4	-2.30E-5	-2.53E-4
	CC10	0.0616	0.9192	-0.1951	5.46E-4	-5.88E-5	-1.07E-4
	CC11	-0.1722	0.9602	-0.2441	7.87E-4	1.94E-4	-7.40E-5
	CC12	-0.1381	0.8045	-0.2226	6.69E-4	1.58E-4	7.15E-5
	CC13	0.1423	-0.8194	0.0001	-7.95E-4	-1.69E-4	-7.05E-5
	CC14	0.1764	-0.9751	0.0216	-9.14E-4	-2.05E-4	7.49E-5
	CC15	-0.0574	-0.9341	-0.0274	-6.72E-4	4.79E-5	1.08E-4
	CC16	-0.0234	-1.0898	-0.0059	-7.91E-4	1.21E-5	2.54E-4
133	CC1	0.5076	0.6158	-0.1555	1.01E-3	-3.49E-4	-3.49E-4
	CC2	0.4619	0.5531	-0.1591	9.12E-4	-3.23E-4	-3.05E-4
	CC3	0.4715	0.0280	-0.2128	2.72E-5	-3.77E-4	-2.95E-4

	CC4	0.4257	-0.0348	-0.2163	-7.38E-5	-3.51E-4	-2.51E-4
	CC5	-0.4294	0.0211	-0.0794	9.77E-5	3.33E-4	2.47E-4
	CC6	-0.4752	-0.0417	-0.0829	-3.31E-6	3.59E-4	2.91E-4
	CC7	-0.4656	-0.5668	-0.1366	-8.88E-4	3.05E-4	3.01E-4
	CC8	-0.5113	-0.6295	-0.1402	-9.89E-4	3.31E-4	3.45E-4
	CC9	0.2747	1.1660	-0.0580	1.96E-3	-1.08E-4	-2.55E-4
	CC10	0.1233	0.9582	-0.0697	1.62E-3	-2.17E-5	-1.10E-4
	CC11	-0.0064	0.9876	-0.0351	1.68E-3	9.66E-5	-7.63E-5
	CC12	-0.1579	0.7798	-0.0468	1.35E-3	1.83E-4	6.91E-5
	CC13	0.1542	-0.7935	-0.2489	-1.33E-3	-2.01E-4	-7.29E-5
	CC14	0.0027	-1.0013	-0.2606	-1.66E-3	-1.15E-4	7.26E-5
	CC15	-0.1269	-0.9719	-0.2260	-1.60E-3	3.56E-6	1.06E-4
	CC16	-0.2784	-1.1797	-0.2377	-1.94E-3	8.99E-5	2.51E-4
<b>134</b>	CC1	0.3972	0.6182	-0.0918	1.06E-3	-7.72E-6	-3.49E-4
	CC2	0.3798	0.5552	-0.0963	9.55E-4	-3.07E-5	-3.05E-4
	CC3	0.3948	0.0300	-0.1230	3.64E-5	-1.91E-4	-2.94E-4
	CC4	0.3774	-0.0329	-0.1275	-6.89E-5	-2.14E-4	-2.50E-4
	CC5	-0.3758	0.0205	-0.1630	-1.42E-5	3.05E-4	2.47E-4
	CC6	-0.3932	-0.0424	-0.1675	-1.20E-4	2.82E-4	2.91E-4
	CC7	-0.3782	-0.5676	-0.1943	-1.04E-3	1.21E-4	3.02E-4
	CC8	-0.3956	-0.6306	-0.1987	-1.14E-3	9.84E-5	3.46E-4
	CC9	0.1496	1.1679	-0.0751	2.00E-3	3.42E-4	-2.55E-4
	CC10	0.0920	0.9594	-0.0899	1.65E-3	2.66E-4	-1.10E-4
	CC11	-0.0823	0.9886	-0.0965	1.68E-3	4.36E-4	-7.62E-5
	CC12	-0.1399	0.7801	-0.1113	1.33E-3	3.60E-4	6.93E-5
	CC13	0.1415	-0.7925	-0.1792	-1.41E-3	-2.69E-4	-7.27E-5
	CC14	0.0839	-1.0010	-0.1940	-1.76E-3	-3.45E-4	7.27E-5
	CC15	-0.0904	-0.9718	-0.2006	-1.74E-3	-1.75E-4	1.06E-4
	CC16	-0.1480	-1.1803	-0.2154	-2.08E-3	-2.52E-4	2.52E-4
<b>135</b>	CC1	0.3536	0.6022	-0.1355	4.73E-4	-5.11E-4	-3.46E-4
	CC2	0.3488	0.5412	-0.1371	4.33E-4	-4.99E-4	-3.02E-4
	CC3	0.3701	0.0166	-0.1456	1.53E-5	-5.27E-4	-2.91E-4
	CC4	0.3654	-0.0443	-0.1472	-2.42E-5	-5.15E-4	-2.47E-4
	CC5	-0.3622	0.0323	-0.0951	1.04E-5	5.17E-4	2.50E-4
	CC6	-0.3670	-0.0286	-0.0967	-2.92E-5	5.29E-4	2.94E-4
	CC7	-0.3457	-0.5532	-0.1052	-4.47E-4	5.01E-4	3.05E-4
	CC8	-0.3504	-0.6142	-0.1068	-4.87E-4	5.13E-4	3.49E-4
	CC9	0.0892	1.1562	-0.1076	8.90E-4	-1.46E-4	-2.51E-4
	CC10	0.0734	0.9546	-0.1131	7.59E-4	-1.08E-4	-1.06E-4
	CC11	-0.1256	0.9853	-0.0955	7.52E-4	1.62E-4	-7.27E-5
	CC12	-0.1413	0.7836	-0.1010	6.20E-4	2.01E-4	7.28E-5
	CC13	0.1445	-0.7956	-0.1413	-6.34E-4	-1.99E-4	-6.92E-5
	CC14	0.1287	-0.9973	-0.1468	-7.65E-4	-1.60E-4	7.62E-5
	CC15	-0.0703	-0.9666	-0.1292	-7.73E-4	1.10E-4	1.10E-4
	CC16	-0.0860	-1.1683	-0.1347	-9.04E-4	1.48E-4	2.55E-4
<b>136</b>	CC1	0.3130	0.6167	-0.2582	3.97E-4	-4.09E-4	-3.50E-4
	CC2	0.3233	0.5539	-0.2564	3.65E-4	-4.20E-4	-3.06E-4
	CC3	0.3475	0.0288	-0.2085	-1.39E-6	-4.41E-4	-2.95E-4
	CC4	0.3578	-0.0339	-0.2068	-3.38E-5	-4.52E-4	-2.51E-4
	CC5	-0.3529	0.0217	-0.0190	-4.00E-5	4.35E-4	2.46E-4
	CC6	-0.3426	-0.0411	-0.0173	-7.24E-5	4.24E-4	2.90E-4
	CC7	-0.3184	-0.5662	0.0306	-4.39E-4	4.03E-4	3.01E-4
	CC8	-0.3081	-0.6290	0.0323	-4.71E-4	3.93E-4	3.45E-4
	CC9	0.0279	1.1669	-0.2344	7.47E-4	-6.46E-5	-2.56E-4
	CC10	0.0620	0.9590	-0.2287	6.39E-4	-9.95E-5	-1.10E-4
	CC11	-0.1719	0.9883	-0.1626	6.16E-4	1.89E-4	-7.68E-5
	CC12	-0.1378	0.7805	-0.1570	5.08E-4	1.54E-4	6.86E-5
	CC13	0.1427	-0.7927	-0.0689	-5.82E-4	-1.70E-4	-7.34E-5
	CC14	0.1768	-1.0006	-0.0632	-6.89E-4	-2.05E-4	7.21E-5
	CC15	-0.0571	-0.9713	0.0029	-7.13E-4	8.28E-5	1.05E-4
	CC16	-0.0230	-1.1791	0.0086	-8.20E-4	4.80E-5	2.51E-4
<b>137</b>	CC1	0.3541	0.7115	-0.1863	6.12E-4	-2.94E-4	-3.49E-4
	CC2	0.3494	0.6368	-0.1793	5.55E-4	-2.62E-4	-3.05E-4
	CC3	0.3707	0.1088	-0.1292	7.52E-5	-4.12E-5	-2.95E-4
	CC4	0.3660	0.0340	-0.1221	1.77E-5	-8.94E-6	-2.51E-4
	CC5	-0.3617	-0.0454	-0.1107	-3.37E-6	9.32E-5	2.47E-4
	CC6	-0.3664	-0.1201	-0.1036	-6.08E-5	1.25E-4	2.91E-4
	CC7	-0.3451	-0.6481	-0.0535	-5.41E-4	3.46E-4	3.01E-4
	CC8	-0.3498	-0.7229	-0.0464	-5.98E-4	3.78E-4	3.45E-4
	CC9	0.0898	1.2361	-0.2348	1.09E-3	-4.91E-4	-2.55E-4
	CC10	0.0740	0.9887	-0.2113	9.00E-4	-3.84E-4	-1.10E-4
	CC11	-0.1250	1.0090	-0.2121	9.05E-4	-3.74E-4	-7.64E-5

	CC12	-0.1407	0.7616	-0.1886	7.15E-4	-2.68E-4	6.90E-5
	CC13	0.1450	-0.7730	-0.0442	-7.01E-4	3.52E-4	-7.30E-5
	CC14	0.1293	-1.0204	-0.0207	-8.91E-4	4.59E-4	7.25E-5
	CC15	-0.0697	-1.0001	-0.0215	-8.85E-4	4.68E-4	1.06E-4
	CC16	-0.0854	-1.2474	0.0020	-1.08E-3	5.75E-4	2.51E-4
138	CC1	0.3131	0.7115	-0.2548	2.06E-4	2.06E-4	-3.47E-4
	CC2	0.3234	0.6368	-0.2461	2.07E-4	2.40E-4	-3.03E-4
	CC3	0.3475	0.1087	-0.1656	1.42E-4	3.99E-4	-2.93E-4
	CC4	0.3578	0.0340	-0.1569	1.42E-4	4.34E-4	-2.49E-4
	CC5	-0.3528	-0.0454	-0.0740	-1.87E-4	-4.15E-4	2.49E-4
	CC6	-0.3425	-0.1201	-0.0653	-1.86E-4	-3.80E-4	2.93E-4
	CC7	-0.3184	-0.6482	0.0152	-2.51E-4	-2.22E-4	3.03E-4
	CC8	-0.3081	-0.7229	0.0239	-2.50E-4	-1.87E-4	3.47E-4
	CC9	0.0279	1.2361	-0.3057	1.43E-4	-2.77E-4	-2.53E-4
	CC10	0.0620	0.9887	-0.2768	1.46E-4	-1.62E-4	-1.08E-4
	CC11	-0.1718	1.0090	-0.2514	2.54E-5	-4.63E-4	-7.45E-5
	CC12	-0.1378	0.7616	-0.2225	2.78E-5	-3.49E-4	7.10E-5
	CC13	0.1427	-0.7730	-0.0083	-7.19E-5	3.67E-4	-7.10E-5
	CC14	0.1768	-1.0204	0.0206	-6.96E-5	4.82E-4	7.44E-5
	CC15	-0.0570	-1.0001	0.0459	-1.90E-4	1.81E-4	1.08E-4
	CC16	-0.0230	-1.2475	0.0748	-1.87E-4	2.96E-4	2.53E-4
139	CC1	0.5083	0.7680	-0.1559	8.54E-4	-8.03E-4	-3.44E-4
	CC2	0.4625	0.6862	-0.1671	7.74E-4	-7.28E-4	-3.00E-4
	CC3	0.4721	0.1565	-0.2716	1.36E-4	-7.42E-4	-2.89E-4
	CC4	0.4263	0.0746	-0.2828	5.62E-5	-6.67E-4	-2.45E-4
	CC5	-0.4288	-0.0854	0.0281	-4.80E-5	6.89E-4	2.52E-4
	CC6	-0.4745	-0.1672	0.0169	-1.28E-4	7.64E-4	2.96E-4
	CC7	-0.4650	-0.6970	-0.0875	-7.66E-4	7.50E-4	3.07E-4
	CC8	-0.5107	-0.7788	-0.0987	-8.46E-4	8.24E-4	3.51E-4
	CC9	0.2753	1.2774	0.0564	1.47E-3	-4.38E-4	-2.50E-4
	CC10	0.1239	1.0065	0.0193	1.20E-3	-1.91E-4	-1.05E-4
	CC11	-0.0058	1.0214	0.1116	1.20E-3	9.82E-6	-7.12E-5
	CC12	-0.1572	0.7504	0.0745	9.34E-4	2.57E-4	7.43E-5
	CC13	0.1548	-0.7612	-0.3291	-9.25E-4	-2.35E-4	-6.77E-5
	CC14	0.0033	-1.0321	-0.3662	-1.19E-3	1.17E-5	7.77E-5
	CC15	-0.1263	-1.0172	-0.2739	-1.20E-3	2.12E-4	1.11E-4
	CC16	-0.2778	-1.2882	-0.3110	-1.46E-3	4.59E-4	2.57E-4
140	CC1	0.3970	0.7664	-0.1468	1.09E-3	-5.21E-4	-3.46E-4
	CC2	0.3797	0.6848	-0.1624	9.74E-4	-5.01E-4	-3.02E-4
	CC3	0.3944	0.1551	-0.2587	1.90E-4	-5.66E-4	-2.92E-4
	CC4	0.3772	0.0735	-0.2743	7.86E-5	-5.46E-4	-2.48E-4
	CC5	-0.3752	-0.0840	0.0506	-1.26E-4	5.99E-4	2.50E-4
	CC6	-0.3925	-0.1656	0.0350	-2.37E-4	6.19E-4	2.94E-4
	CC7	-0.3778	-0.6953	-0.0614	-1.02E-3	5.54E-4	3.04E-4
	CC8	-0.3950	-0.7770	-0.0770	-1.13E-3	5.74E-4	3.48E-4
	CC9	0.1496	1.2762	0.0709	1.83E-3	-1.00E-4	-2.52E-4
	CC10	0.0925	1.0061	0.0192	1.47E-3	-3.34E-5	-1.07E-4
	CC11	-0.0821	1.0211	0.1301	1.47E-3	2.36E-4	-7.33E-5
	CC12	-0.1392	0.7509	0.0785	1.10E-3	3.03E-4	7.21E-5
	CC13	0.1411	-0.7614	-0.3022	-1.15E-3	-2.50E-4	-6.99E-5
	CC14	0.0840	-1.0316	-0.3539	-1.52E-3	-1.83E-4	7.55E-5
	CC15	-0.0905	-1.0166	-0.2430	-1.51E-3	8.65E-5	1.09E-4
	CC16	-0.1476	-1.2868	-0.2946	-1.88E-3	1.53E-4	2.54E-4
141	CC1	0.3537	0.7665	-0.2291	1.03E-3	-5.25E-4	-3.47E-4
	CC2	0.3489	0.6849	-0.2172	9.29E-4	-5.10E-4	-3.03E-4
	CC3	0.3703	0.1552	-0.1377	1.87E-4	-4.82E-4	-2.92E-4
	CC4	0.3655	0.0736	-0.1258	8.35E-5	-4.67E-4	-2.48E-4
	CC5	-0.3621	-0.0839	-0.0921	-8.99E-5	5.06E-4	2.49E-4
	CC6	-0.3669	-0.1656	-0.0801	-1.94E-4	5.21E-4	2.93E-4
	CC7	-0.3455	-0.6953	-0.0007	-9.36E-4	5.49E-4	3.04E-4
	CC8	-0.3503	-0.7769	0.0113	-1.04E-3	5.64E-4	3.48E-4
	CC9	0.0893	1.2763	-0.3016	1.75E-3	-2.31E-4	-2.53E-4
	CC10	0.0735	1.0061	-0.2620	1.40E-3	-1.82E-4	-1.07E-4
	CC11	-0.1254	1.0212	-0.2605	1.41E-3	7.82E-5	-7.38E-5
	CC12	-0.1412	0.7510	-0.2209	1.07E-3	1.27E-4	7.17E-5
	CC13	0.1446	-0.7614	0.0030	-1.07E-3	-8.76E-5	-7.04E-5
	CC14	0.1288	-1.0316	0.0426	-1.42E-3	-3.87E-5	7.51E-5
	CC15	-0.0702	-1.0165	0.0441	-1.41E-3	2.22E-4	1.08E-4
	CC16	-0.0859	-1.2867	0.0838	-1.75E-3	2.71E-4	2.54E-4
142	CC1	0.3132	0.7682	-0.2548	5.09E-5	-4.45E-4	-3.45E-4
	CC2	0.3235	0.6864	-0.2436	5.73E-5	-4.59E-4	-3.01E-4
	CC3	0.3476	0.1566	-0.1530	5.89E-5	-5.02E-4	-2.91E-4

	CC4	0.3579	0.0748	-0.1418	6.53E-5	-5.16E-4	-2.47E-4
	CC5	-0.3527	-0.0852	-0.0783	-7.87E-5	5.25E-4	2.51E-4
	CC6	-0.3424	-0.1671	-0.0671	-7.23E-5	5.11E-4	2.95E-4
	CC7	-0.3183	-0.6968	0.0234	-7.07E-5	4.68E-4	3.06E-4
	CC8	-0.3080	-0.7787	0.0346	-6.43E-5	4.54E-4	3.49E-4
	CC9	0.0280	1.2775	-0.3247	-1.12E-5	-2.23E-5	-2.51E-4
	CC10	0.0621	1.0066	-0.2876	9.99E-6	-6.79E-5	-1.06E-4
	CC11	-0.1717	1.0215	-0.2717	-5.01E-5	2.69E-4	-7.23E-5
	CC12	-0.1377	0.7506	-0.2347	-2.89E-5	2.23E-4	7.31E-5
	CC13	0.1428	-0.7611	0.0145	1.55E-5	-2.14E-4	-6.89E-5
	CC14	0.1769	-1.0320	0.0516	3.67E-5	-2.60E-4	7.66E-5
	CC15	-0.0569	-1.0171	0.0675	-2.34E-5	7.69E-5	1.10E-4
	CC16	-0.0229	-1.2880	0.1045	-2.21E-6	3.13E-5	2.55E-4
<b>143</b>	CC1	0.3143	0.0959	-0.0272	1.93E-4	-4.22E-4	-3.44E-4
	CC2	0.3237	0.0984	-0.0236	1.98E-4	-4.34E-4	-3.00E-4
	CC3	0.3477	-0.4107	0.1107	-7.42E-4	-5.46E-4	-2.89E-4
	CC4	0.3571	-0.4082	0.1143	-7.37E-4	-5.58E-4	-2.45E-4
	CC5	-0.3539	0.3894	-0.2926	6.86E-4	5.41E-4	2.52E-4
	CC6	-0.3445	0.3919	-0.2890	6.91E-4	5.29E-4	2.96E-4
	CC7	-0.3205	-0.1172	-0.1547	-2.49E-4	4.18E-4	3.07E-4
	CC8	-0.3111	-0.1146	-0.1511	-2.43E-4	4.05E-4	3.51E-4
	CC9	0.0306	0.7866	-0.2851	1.45E-3	7.42E-5	-2.50E-4
	CC10	0.0617	0.7951	-0.2733	1.47E-3	3.30E-5	-1.04E-4
	CC11	-0.1699	0.8747	-0.3647	1.60E-3	3.63E-4	-7.07E-5
	CC12	-0.1387	0.8832	-0.3529	1.62E-3	3.22E-4	7.47E-5
	CC13	0.1419	-0.9020	0.1746	-1.67E-3	-3.39E-4	-6.73E-5
	CC14	0.1731	-0.8935	0.1865	-1.65E-3	-3.80E-4	7.82E-5
	CC15	-0.0586	-0.8139	0.0950	-1.52E-3	-4.96E-5	1.12E-4
	CC16	-0.0274	-0.8054	0.1068	-1.50E-3	-9.08E-5	2.57E-4
<b>144</b>	CC1	0.3146	0.2185	-0.0704	1.36E-4	-5.87E-4	-3.50E-4
	CC2	0.3240	0.2056	-0.0676	1.26E-4	-5.83E-4	-3.06E-4
	CC3	0.3480	-0.3074	-0.0143	-4.44E-4	-2.74E-4	-2.96E-4
	CC4	0.3574	-0.3203	-0.0115	-4.54E-4	-2.70E-4	-2.52E-4
	CC5	-0.3536	0.3026	-0.1732	3.37E-4	1.83E-4	2.46E-4
	CC6	-0.3442	0.2897	-0.1703	3.27E-4	1.87E-4	2.90E-4
	CC7	-0.3202	-0.2233	-0.1170	-2.43E-4	4.96E-4	3.01E-4
	CC8	-0.3108	-0.2362	-0.1142	-2.53E-4	5.00E-4	3.44E-4
	CC9	0.0309	0.8765	-0.1751	8.95E-4	-6.86E-4	-2.56E-4
	CC10	0.0620	0.8336	-0.1658	8.61E-4	-6.74E-4	-1.11E-4
	CC11	-0.1696	0.9017	-0.2060	9.56E-4	-4.55E-4	-7.73E-5
	CC12	-0.1384	0.8588	-0.1966	9.22E-4	-4.43E-4	6.81E-5
	CC13	0.1422	-0.8765	0.0120	-1.04E-3	3.57E-4	-7.39E-5
	CC14	0.1733	-0.9194	0.0213	-1.07E-3	3.68E-4	7.16E-5
	CC15	-0.0583	-0.8513	-0.0189	-9.78E-4	5.88E-4	1.05E-4
	CC16	-0.0271	-0.8942	-0.0095	-1.01E-3	5.99E-4	2.50E-4
<b>145</b>	CC1	0.3557	-0.7236	0.0949	-1.22E-3	-5.96E-4	-3.47E-4
	CC2	0.3500	-0.6170	0.0677	-1.03E-3	-5.87E-4	-3.03E-4
	CC3	0.3712	-1.1008	0.1962	-1.92E-3	-6.26E-4	-2.92E-4
	CC4	0.3656	-0.9941	0.1689	-1.74E-3	-6.17E-4	-2.49E-4
	CC5	-0.3637	0.9798	-0.3421	1.70E-3	5.89E-4	2.49E-4
	CC6	-0.3693	1.0865	-0.3694	1.89E-3	5.97E-4	2.93E-4
	CC7	-0.3481	0.6027	-0.2408	1.00E-3	5.59E-4	3.04E-4
	CC8	-0.3538	0.7094	-0.2681	1.18E-3	5.67E-4	3.47E-4
	CC9	0.0923	0.1893	-0.1446	4.15E-4	-1.56E-4	-2.53E-4
	CC10	0.0736	0.5424	-0.2349	1.02E-3	-1.28E-4	-1.08E-4
	CC11	-0.1235	0.7004	-0.2757	1.29E-3	1.99E-4	-7.43E-5
	CC12	-0.1422	1.0534	-0.3660	1.89E-3	2.28E-4	7.12E-5
	CC13	0.1441	-1.0677	0.1929	-1.93E-3	-2.56E-4	-7.09E-5
	CC14	0.1254	-0.7147	0.1025	-1.33E-3	-2.28E-4	7.46E-5
	CC15	-0.0717	-0.5567	0.0618	-1.05E-3	9.90E-5	1.08E-4
	CC16	-0.0904	-0.2036	-0.0286	-4.50E-4	1.27E-4	2.53E-4
<b>146</b>	CC1	0.3999	-0.7238	0.1039	-1.20E-3	-6.48E-4	-3.47E-4
	CC2	0.3816	-0.6172	0.1227	-1.02E-3	-6.21E-4	-3.03E-4
	CC3	0.3972	-1.1009	0.0203	-1.89E-3	-6.52E-4	-2.92E-4
	CC4	0.3789	-0.9943	0.0392	-1.71E-3	-6.24E-4	-2.48E-4
	CC5	-0.3775	0.9797	-0.2217	1.67E-3	5.81E-4	2.49E-4
	CC6	-0.3958	1.0863	-0.2028	1.85E-3	6.09E-4	2.93E-4
	CC7	-0.3802	0.6026	-0.3052	9.82E-4	5.78E-4	3.04E-4
	CC8	-0.3985	0.7092	-0.2864	1.16E-3	6.05E-4	3.48E-4
	CC9	0.1521	0.1892	0.0656	4.06E-4	-2.45E-4	-2.53E-4
	CC10	0.0915	0.5422	0.1280	9.99E-4	-1.55E-4	-1.07E-4
	CC11	-0.0811	0.7002	-0.0320	1.27E-3	1.24E-4	-7.40E-5

	CC12	-0.1417	1.0533	0.0303	1.86E-3	2.14E-4	7.15E-5
	CC13	0.1430	-1.0679	-0.2129	-1.89E-3	-2.57E-4	-7.06E-5
	CC14	0.0825	-0.7148	-0.1505	-1.30E-3	-1.67E-4	7.49E-5
	CC15	-0.0902	-0.5568	-0.3105	-1.03E-3	1.12E-4	1.08E-4
<b>147</b>	CC16	-0.1507	-0.2038	-0.2482	-4.42E-4	2.02E-4	2.54E-4
	CC1	0.3566	0.8346	-0.3327	1.44E-3	-6.18E-4	-3.46E-4
	CC2	0.3509	0.7444	-0.3176	1.30E-3	-5.94E-4	-3.02E-4
	CC3	0.3721	0.2126	-0.2385	3.41E-4	-5.33E-4	-2.91E-4
	CC4	0.3665	0.1224	-0.2234	1.91E-4	-5.09E-4	-2.47E-4
	CC5	-0.3628	-0.1321	0.0092	-2.12E-4	5.25E-4	2.50E-4
	CC6	-0.3684	-0.2223	0.0243	-3.61E-4	5.49E-4	2.94E-4
	CC7	-0.3472	-0.7541	0.1034	-1.32E-3	6.10E-4	3.05E-4
	CC8	-0.3529	-0.8443	0.1185	-1.47E-3	6.34E-4	3.49E-4
	CC9	0.0932	1.3261	-0.3404	2.33E-3	-3.44E-4	-2.52E-4
	CC10	0.0745	1.0275	-0.2904	1.83E-3	-2.65E-4	-1.06E-4
	CC11	-0.1226	1.0360	-0.2378	1.83E-3	-1.25E-6	-7.30E-5
	CC12	-0.1413	0.7375	-0.1879	1.33E-3	7.83E-5	7.24E-5
	CC13	0.1450	-0.7472	-0.0263	-1.36E-3	-6.18E-5	-6.96E-5
	CC14	0.1264	-1.0458	0.0236	-1.85E-3	1.78E-5	7.58E-5
	CC15	-0.0708	-1.0372	0.0762	-1.85E-3	2.81E-4	1.09E-4
	CC16	-0.0895	-1.3358	0.1262	-2.35E-3	3.61E-4	2.55E-4
<b>148</b>	CC1	0.3998	0.8275	-0.1559	1.45E-3	-5.52E-4	-3.50E-4
	CC2	0.3817	0.7382	-0.1732	1.30E-3	-5.38E-4	-3.06E-4
	CC3	0.3973	0.2066	-0.3122	3.28E-4	-6.44E-4	-2.95E-4
	CC4	0.3791	0.1173	-0.3295	1.79E-4	-6.30E-4	-2.51E-4
	CC5	-0.3767	-0.1273	0.1096	-1.99E-4	6.49E-4	2.46E-4
	CC6	-0.3949	-0.2166	0.0924	-3.48E-4	6.64E-4	2.90E-4
	CC7	-0.3793	-0.7482	-0.0466	-1.32E-3	5.57E-4	3.01E-4
	CC8	-0.3975	-0.8375	-0.0639	-1.47E-3	5.71E-4	3.45E-4
	CC9	0.1520	1.3209	0.1393	2.36E-3	-4.08E-5	-2.56E-4
	CC10	0.0920	1.0252	0.0822	1.86E-3	6.70E-6	-1.10E-4
	CC11	-0.0810	1.0344	0.2189	1.86E-3	3.20E-4	-7.68E-5
	CC12	-0.1410	0.7387	0.1619	1.37E-3	3.67E-4	6.86E-5
	CC13	0.1434	-0.7487	-0.3817	-1.39E-3	-3.48E-4	-7.34E-5
	CC14	0.0834	-1.0444	-0.4388	-1.88E-3	-3.00E-4	7.20E-5
	CC15	-0.0896	-1.0352	-0.3020	-1.88E-3	1.25E-5	1.05E-4
	CC16	-0.1496	-1.3309	-0.3591	-2.38E-3	6.00E-5	2.51E-4
<b>149</b>	CC1	0.3778	0.8286	-0.2196	9.93E-4	-6.79E-4	-3.45E-4
	CC2	0.3654	0.7391	-0.2220	8.95E-4	-6.47E-4	-3.01E-4
	CC3	0.3854	0.2076	-0.2611	1.76E-4	-5.84E-4	-2.90E-4
	CC4	0.3731	0.1181	-0.2635	7.79E-5	-5.52E-4	-2.46E-4
	CC5	-0.3709	-0.1279	0.0462	-6.48E-5	5.65E-4	2.51E-4
	CC6	-0.3833	-0.2173	0.0438	-1.63E-4	5.97E-4	2.95E-4
	CC7	-0.3632	-0.7489	0.0047	-8.82E-4	6.60E-4	3.06E-4
	CC8	-0.3756	-0.8383	0.0023	-9.80E-4	6.92E-4	3.50E-4
	CC9	0.1210	1.3217	-0.0753	1.69E-3	-3.92E-4	-2.51E-4
	CC10	0.0801	1.0256	-0.0833	1.36E-3	-2.86E-4	-1.06E-4
	CC11	-0.1036	1.0347	0.0044	1.37E-3	-1.87E-5	-7.22E-5
	CC12	-0.1445	0.7387	-0.0035	1.05E-3	8.77E-5	7.32E-5
	CC13	0.1466	-0.7484	-0.2137	-1.03E-3	-7.44E-5	-6.88E-5
	CC14	0.1057	-1.0445	-0.2217	-1.36E-3	3.19E-5	7.67E-5
	CC15	-0.0780	-1.0354	-0.1340	-1.35E-3	2.99E-4	1.10E-4
	CC16	-0.1189	-1.3314	-0.1420	-1.68E-3	4.05E-4	2.55E-4
<b>150</b>	CC1	0.3637	0.8286	-0.2859	1.16E-3	-5.76E-4	-3.41E-4
	CC2	0.3557	0.7392	-0.2771	1.04E-3	-5.64E-4	-2.97E-4
	CC3	0.3765	0.2076	-0.2370	2.52E-4	-5.81E-4	-2.86E-4
	CC4	0.3685	0.1182	-0.2282	1.33E-4	-5.68E-4	-2.42E-4
	CC5	-0.3654	-0.1278	0.0128	-1.65E-4	5.83E-4	2.55E-4
	CC6	-0.3734	-0.2173	0.0216	-2.83E-4	5.95E-4	2.99E-4
	CC7	-0.3526	-0.7489	0.0617	-1.07E-3	5.78E-4	3.10E-4
	CC8	-0.3606	-0.8383	0.0705	-1.19E-3	5.90E-4	3.54E-4
	CC9	0.1028	1.3217	-0.2486	1.90E-3	-1.80E-4	-2.47E-4
	CC10	0.0764	1.0257	-0.2193	1.51E-3	-1.38E-4	-1.01E-4
	CC11	-0.1160	1.0348	-0.1590	1.50E-3	1.68E-4	-6.77E-5
	CC12	-0.1423	0.7387	-0.1297	1.11E-3	2.10E-4	7.77E-5
	CC13	0.1454	-0.7484	-0.0857	-1.14E-3	-1.95E-4	-6.43E-5
	CC14	0.1191	-1.0444	-0.0564	-1.53E-3	-1.54E-4	8.12E-5
	CC15	-0.0733	-1.0353	0.0039	-1.54E-3	1.52E-4	1.15E-4
	CC16	-0.0997	-1.3314	0.0332	-1.93E-3	1.94E-4	2.60E-4
<b>151</b>	CC1	0.7856	-1.0674	-0.1971	-5.59E-4	-7.51E-4	-5.35E-4
	CC2	0.7150	-0.9062	-0.1849	-4.71E-4	-6.94E-4	-4.66E-4
	CC3	0.7361	-1.6976	-0.2807	-9.39E-4	-7.01E-4	-4.57E-4

	CC4	0.6655	-1.5363	-0.2685	-8.51E-4	-6.43E-4	-3.88E-4
	CC5	-0.6603	1.5088	0.0504	8.80E-4	5.62E-4	4.05E-4
	CC6	-0.7309	1.6701	0.0626	9.68E-4	6.20E-4	4.73E-4
	CC7	-0.7098	0.8787	-0.0332	5.00E-4	6.13E-4	4.82E-4
	CC8	-0.7804	1.0399	-0.0210	5.88E-4	6.71E-4	5.51E-4
	CC9	0.4188	0.3831	-0.0270	2.86E-4	-4.17E-4	-3.76E-4
	CC10	0.1852	0.9169	0.0134	5.78E-4	-2.26E-4	-1.48E-4
	CC11	-0.0150	1.1560	0.0472	7.17E-4	-2.33E-5	-9.45E-5
	CC12	-0.2486	1.6898	0.0876	1.01E-3	1.68E-4	1.33E-4
	CC13	0.2538	-1.7173	-0.3057	-9.80E-4	-2.49E-4	-1.17E-4
	CC14	0.0202	-1.1835	-0.2653	-6.88E-4	-5.75E-5	1.11E-4
	CC15	-0.1799	-0.9444	-0.2314	-5.48E-4	1.45E-4	1.65E-4
	CC16	-0.4135	-0.4106	-0.1911	-2.57E-4	3.37E-4	3.93E-4
152	CC1	0.6157	-1.0683	-0.2118	-8.47E-4	-6.35E-4	-5.41E-4
	CC2	0.5896	-0.9070	-0.1939	-7.21E-4	-6.14E-4	-4.72E-4
	CC3	0.6172	-1.6984	-0.2832	-1.37E-3	-6.17E-4	-4.63E-4
	CC4	0.5910	-1.5372	-0.2653	-1.24E-3	-5.96E-4	-3.94E-4
	CC5	-0.5735	1.5080	0.0744	1.16E-3	5.05E-4	3.99E-4
	CC6	-0.5997	1.6692	0.0923	1.28E-3	5.26E-4	4.68E-4
	CC7	-0.5721	0.8779	0.0029	6.34E-4	5.23E-4	4.77E-4
	CC8	-0.5982	1.0391	0.0208	7.60E-4	5.43E-4	5.45E-4
	CC9	0.2280	0.3823	-0.0489	3.16E-4	-2.81E-4	-3.82E-4
	CC10	0.1414	0.9161	0.0104	7.33E-4	-2.11E-4	-1.54E-4
	CC11	-0.1288	1.1552	0.0369	9.17E-4	6.13E-5	-1.00E-4
	CC12	-0.2154	1.6890	0.0962	1.33E-3	1.31E-4	1.28E-4
	CC13	0.2329	-1.7181	-0.2872	-1.42E-3	-2.22E-4	-1.23E-4
	CC14	0.1463	-1.1843	-0.2279	-1.00E-3	-1.53E-4	1.05E-4
	CC15	-0.1239	-0.9452	-0.2013	-8.20E-4	1.20E-4	1.59E-4
	CC16	-0.2105	-0.4115	-0.1421	-4.04E-4	1.89E-4	3.87E-4
153	CC1	0.5485	-1.0679	0.1044	-1.10E-3	-5.42E-4	-5.45E-4
	CC2	0.5422	-0.9067	0.0749	-9.33E-4	-5.34E-4	-4.76E-4
	CC3	0.5722	-1.6981	0.2203	-1.80E-3	-5.78E-4	-4.68E-4
	CC4	0.5659	-1.5368	0.1907	-1.63E-3	-5.70E-4	-3.99E-4
	CC5	-0.5523	1.5084	-0.3686	1.59E-3	5.16E-4	3.94E-4
	CC6	-0.5586	1.6696	-0.3981	1.76E-3	5.24E-4	4.63E-4
	CC7	-0.5286	0.8782	-0.2527	8.90E-4	4.80E-4	4.72E-4
	CC8	-0.5349	1.0395	-0.2823	1.06E-3	4.88E-4	5.41E-4
	CC9	0.1428	0.3826	-0.1621	4.58E-4	-1.39E-4	-3.87E-4
	CC10	0.1219	0.9164	-0.2600	1.02E-3	-1.13E-4	-1.59E-4
	CC11	-0.1874	1.1555	-0.3040	1.27E-3	1.78E-4	-1.05E-4
	CC12	-0.2083	1.6893	-0.4019	1.83E-3	2.05E-4	1.23E-4
	CC13	0.2219	-1.7178	0.2240	-1.87E-3	-2.59E-4	-1.28E-4
	CC14	0.2010	-1.1840	0.1261	-1.31E-3	-2.32E-4	1.00E-4
	CC15	-0.1083	-0.9449	0.0821	-1.07E-3	5.86E-5	1.54E-4
	CC16	-0.1292	-0.4111	-0.0158	-5.01E-4	8.51E-5	3.82E-4
154	CC1	0.7844	-0.8307	-0.1532	-5.35E-5	-2.26E-4	-5.37E-4
	CC2	0.7139	-0.6993	-0.1496	-1.81E-5	-2.18E-4	-4.68E-4
	CC3	0.7349	-1.4945	-0.1840	-2.50E-4	-1.29E-4	-4.59E-4
	CC4	0.6644	-1.3632	-0.1805	-2.15E-4	-1.21E-4	-3.90E-4
	CC5	-0.6615	1.3377	-0.0670	5.62E-4	1.26E-4	4.03E-4
	CC6	-0.7320	1.4691	-0.0635	5.97E-4	1.33E-4	4.72E-4
	CC7	-0.7110	0.6739	-0.0979	3.65E-4	2.23E-4	4.81E-4
	CC8	-0.7815	0.8052	-0.0944	4.00E-4	2.31E-4	5.50E-4
	CC9	0.4176	0.5511	-0.0910	3.50E-4	-2.26E-4	-3.78E-4
	CC10	0.1840	0.9859	-0.0794	4.67E-4	-2.00E-4	-1.50E-4
	CC11	-0.0162	1.2016	-0.0652	5.35E-4	-1.20E-4	-9.61E-5
	CC12	-0.2498	1.6364	-0.0535	6.52E-4	-9.45E-5	1.32E-4
	CC13	0.2527	-1.6618	-0.1940	-3.05E-4	9.92E-5	-1.19E-4
	CC14	0.0191	-1.2270	-0.1823	-1.88E-4	1.25E-4	1.09E-4
	CC15	-0.1811	-1.0113	-0.1682	-1.20E-4	2.05E-4	1.63E-4
	CC16	-0.4147	-0.5765	-0.1565	-3.15E-6	2.31E-4	3.91E-4
155	CC1	0.6135	-0.8311	-0.1633	-3.16E-4	-2.06E-4	-5.42E-4
	CC2	0.5873	-0.6997	-0.1595	-2.90E-4	-2.05E-4	-4.73E-4
	CC3	0.6149	-1.4950	-0.1841	-4.45E-4	-1.77E-4	-4.64E-4
	CC4	0.5888	-1.3636	-0.1803	-4.19E-4	-1.76E-4	-3.96E-4
	CC5	-0.5758	1.3373	-0.0788	1.83E-4	1.61E-4	3.97E-4
	CC6	-0.6020	1.4687	-0.0749	2.08E-4	1.62E-4	4.66E-4
	CC7	-0.5743	0.6735	-0.0996	5.30E-5	1.90E-4	4.75E-4
	CC8	-0.6005	0.8048	-0.0957	7.89E-5	1.91E-4	5.44E-4
	CC9	0.2257	0.5506	-0.1139	-1.99E-5	-1.12E-4	-3.84E-4
	CC10	0.1391	0.9855	-0.1012	6.57E-5	-1.09E-4	-1.56E-4
	CC11	-0.1311	1.2012	-0.0885	1.30E-4	-2.23E-6	-1.02E-4



	CC12	-0.2176	1.6360	-0.0758	2.15E-4	1.36E-6	1.26E-4
	CC13	0.2306	-1.6622	-0.1833	-4.52E-4	-1.62E-5	-1.24E-4
	CC14	0.1440	-1.2274	-0.1706	-3.66E-4	-1.26E-5	1.04E-4
	CC15	-0.1262	-1.0117	-0.1579	-3.02E-4	9.40E-5	1.57E-4
	CC16	-0.2128	-0.5769	-0.1452	-2.17E-4	9.75E-5	3.85E-4
156	CC1	0.5474	-0.8311	-0.0670	-4.51E-4	-2.07E-4	-5.46E-4
	CC2	0.5411	-0.6998	-0.0715	-4.00E-4	-1.85E-4	-4.78E-4
	CC3	0.5712	-1.4950	-0.0439	-6.89E-4	-2.86E-4	-4.69E-4
	CC4	0.5649	-1.3636	-0.0484	-6.38E-4	-2.64E-4	-4.00E-4
	CC5	-0.5532	1.3373	-0.1595	4.83E-4	2.50E-4	3.93E-4
	CC6	-0.5595	1.4686	-0.1640	5.34E-4	2.72E-4	4.62E-4
	CC7	-0.5294	0.6734	-0.1364	2.45E-4	1.71E-4	4.71E-4
	CC8	-0.5357	0.8047	-0.1408	2.96E-4	1.93E-4	5.40E-4
	CC9	0.1417	0.5506	-0.1212	9.38E-5	1.89E-5	-3.88E-4
	CC10	0.1209	0.9854	-0.1360	2.63E-4	9.29E-5	-1.60E-4
	CC11	-0.1885	1.2011	-0.1490	3.74E-4	1.56E-4	-1.06E-4
	CC12	-0.2093	1.6359	-0.1638	5.43E-4	2.30E-4	1.22E-4
	CC13	0.2210	-1.6623	-0.0441	-6.98E-4	-2.44E-4	-1.29E-4
	CC14	0.2002	-1.2275	-0.0589	-5.29E-4	-1.70E-4	9.93E-5
	CC15	-0.1092	-1.0118	-0.0719	-4.18E-4	-1.07E-4	1.53E-4
	CC16	-0.1300	-0.5770	-0.0866	-2.49E-4	-3.31E-5	3.81E-4
157	CC1	0.7836	-0.6334	-0.1206	-1.08E-6	-2.45E-4	-5.38E-4
	CC2	0.7130	-0.5271	-0.1193	3.09E-5	-2.25E-4	-4.70E-4
	CC3	0.7341	-1.3255	-0.0845	-2.25E-4	-2.19E-4	-4.61E-4
	CC4	0.6635	-1.2191	-0.0833	-1.93E-4	-1.99E-4	-3.92E-4
	CC5	-0.6623	1.1940	-0.1565	5.60E-4	2.04E-4	4.01E-4
	CC6	-0.7329	1.3004	-0.1553	5.92E-4	2.24E-4	4.70E-4
	CC7	-0.7118	0.5019	-0.1205	3.37E-4	2.30E-4	4.79E-4
	CC8	-0.7824	0.6083	-0.1193	3.69E-4	2.50E-4	5.48E-4
	CC9	0.4168	0.6907	-0.1766	4.20E-4	-1.41E-4	-3.80E-4
	CC10	0.1832	1.0428	-0.1725	5.25E-4	-7.46E-5	-1.52E-4
	CC11	-0.0170	1.2390	-0.1873	5.88E-4	-6.05E-6	-9.79E-5
	CC12	-0.2506	1.5911	-0.1833	6.94E-4	6.02E-5	1.30E-4
	CC13	0.2518	-1.6162	-0.0565	-3.26E-4	-5.54E-5	-1.21E-4
	CC14	0.0182	-1.2641	-0.0525	-2.21E-4	1.09E-5	1.07E-4
	CC15	-0.1819	-1.0680	-0.0673	-1.58E-4	7.94E-5	1.61E-4
	CC16	-0.4155	-0.7159	-0.0633	-5.21E-5	1.46E-4	3.89E-4
158	CC1	0.6116	-0.6338	-0.1150	-2.01E-4	-1.55E-4	-5.40E-4
	CC2	0.5855	-0.5275	-0.1145	-1.89E-4	-1.49E-4	-4.71E-4
	CC3	0.6131	-1.3259	-0.1224	-2.99E-4	-1.82E-4	-4.62E-4
	CC4	0.5869	-1.2196	-0.1220	-2.87E-4	-1.76E-4	-3.93E-4
	CC5	-0.5777	1.1936	-0.1359	5.20E-5	1.73E-4	4.00E-4
	CC6	-0.6038	1.3000	-0.1354	6.39E-5	1.79E-4	4.68E-4
	CC7	-0.5762	0.5015	-0.1434	-4.61E-5	1.46E-4	4.77E-4
	CC8	-0.6023	0.6079	-0.1429	-3.42E-5	1.51E-4	5.46E-4
	CC9	0.2239	0.6903	-0.1141	-1.18E-5	-1.48E-5	-3.81E-4
	CC10	0.1373	1.0424	-0.1126	2.77E-5	4.15E-6	-1.53E-4
	CC11	-0.1329	1.2386	-0.1204	6.42E-5	8.35E-5	-9.96E-5
	CC12	-0.2195	1.5906	-0.1188	1.04E-4	1.02E-4	1.28E-4
	CC13	0.2288	-1.6166	-0.1390	-3.39E-4	-1.06E-4	-1.22E-4
	CC14	0.1422	-1.2645	-0.1375	-2.99E-4	-8.67E-5	1.06E-4
	CC15	-0.1280	-1.0684	-0.1453	-2.63E-4	-7.34E-6	1.60E-4
	CC16	-0.2146	-0.7163	-0.1437	-2.24E-4	1.16E-5	3.88E-4
159	CC1	0.5468	-0.6339	-0.0825	-2.54E-4	-1.62E-4	-5.42E-4
	CC2	0.5404	-0.5275	-0.0845	-2.27E-4	-1.62E-4	-4.73E-4
	CC3	0.5705	-1.3260	-0.0679	-4.41E-4	-1.87E-4	-4.64E-4
	CC4	0.5642	-1.2196	-0.0699	-4.14E-4	-1.86E-4	-3.96E-4
	CC5	-0.5540	1.1935	-0.1376	2.61E-4	1.77E-4	3.97E-4
	CC6	-0.5603	1.2999	-0.1397	2.87E-4	1.77E-4	4.66E-4
	CC7	-0.5303	0.5015	-0.1230	7.35E-5	1.52E-4	4.75E-4
	CC8	-0.5366	0.6078	-0.1251	1.00E-4	1.53E-4	5.44E-4
	CC9	0.1411	0.6903	-0.1164	1.14E-4	-1.57E-5	-3.84E-4
	CC10	0.1202	1.0423	-0.1233	2.02E-4	-1.43E-5	-1.56E-4
	CC11	-0.1891	1.2385	-0.1330	2.68E-4	8.59E-5	-1.02E-4
	CC12	-0.2101	1.5906	-0.1398	3.56E-4	8.73E-5	1.26E-4
	CC13	0.2202	-1.6167	-0.0677	-5.10E-4	-9.70E-5	-1.24E-4
	CC14	0.1993	-1.2646	-0.0746	-4.22E-4	-9.56E-5	1.04E-4
	CC15	-0.1100	-1.0684	-0.0843	-3.55E-4	4.62E-6	1.57E-4
	CC16	-0.1309	-0.7163	-0.0911	-2.67E-4	6.03E-6	3.85E-4
160	CC1	0.7829	-0.4366	-0.0952	-4.68E-5	-2.13E-4	-5.41E-4
	CC2	0.7123	-0.3552	-0.0942	-1.00E-5	-1.91E-4	-4.72E-4
	CC3	0.7334	-1.1568	-0.1107	-3.58E-4	-2.83E-4	-4.63E-4

	CC4	0.6628	-1.0755	-0.1097	-3.21E-4	-2.61E-4	-3.94E-4
	CC5	-0.6630	1.0499	-0.1252	6.07E-4	2.58E-4	3.99E-4
	CC6	-0.7336	1.1313	-0.1243	6.44E-4	2.80E-4	4.68E-4
	CC7	-0.7125	0.3296	-0.1407	2.96E-4	1.88E-4	4.76E-4
	CC8	-0.7831	0.4110	-0.1398	3.33E-4	2.10E-4	5.45E-4
	CC9	0.4160	0.8300	-0.0887	5.02E-4	8.48E-6	-3.82E-4
	CC10	0.1824	1.0994	-0.0856	6.24E-4	7.97E-5	-1.54E-4
	CC11	-0.0177	1.2760	-0.0977	6.98E-4	1.50E-4	-1.00E-4
	CC12	-0.2513	1.5454	-0.0946	8.20E-4	2.21E-4	1.28E-4
	CC13	0.2511	-1.5709	-0.1403	-5.34E-4	-2.24E-4	-1.23E-4
	CC14	0.0175	-1.3015	-0.1372	-4.12E-4	-1.53E-4	1.05E-4
	CC15	-0.1827	-1.1250	-0.1494	-3.38E-4	-8.30E-5	1.59E-4
	CC16	-0.4163	-0.8556	-0.1462	-2.16E-4	-1.17E-5	3.87E-4
161	CC1	0.6101	-0.4374	-0.0912	-2.28E-4	-1.59E-4	-5.40E-4
	CC2	0.5839	-0.3561	-0.0898	-2.05E-4	-1.52E-4	-4.71E-4
	CC3	0.6115	-1.1577	-0.1156	-4.47E-4	-1.81E-4	-4.62E-4
	CC4	0.5854	-1.0764	-0.1142	-4.24E-4	-1.74E-4	-3.94E-4
	CC5	-0.5792	1.0491	-0.1425	2.29E-4	1.56E-4	3.99E-4
	CC6	-0.6054	1.1304	-0.1412	2.52E-4	1.63E-4	4.68E-4
	CC7	-0.5777	0.3288	-0.1669	9.53E-6	1.34E-4	4.77E-4
	CC8	-0.6039	0.4101	-0.1656	3.27E-5	1.41E-4	5.46E-4
	CC9	0.2223	0.8292	-0.0823	1.61E-4	-3.17E-5	-3.82E-4
	CC10	0.1357	1.0985	-0.0777	2.38E-4	-7.82E-6	-1.54E-4
	CC11	-0.1345	1.2751	-0.0977	2.98E-4	6.27E-5	-9.97E-5
	CC12	-0.2210	1.5445	-0.0931	3.75E-4	8.66E-5	1.28E-4
	CC13	0.2272	-1.5718	-0.1636	-5.70E-4	-1.04E-4	-1.22E-4
	CC14	0.1406	-1.3024	-0.1591	-4.93E-4	-8.05E-5	1.06E-4
	CC15	-0.1296	-1.1258	-0.1790	-4.33E-4	-9.96E-6	1.59E-4
	CC16	-0.2161	-0.8565	-0.1745	-3.56E-4	1.39E-5	3.87E-4
162	CC1	0.5460	-0.4376	-0.0814	-2.81E-4	-1.82E-4	-5.41E-4
	CC2	0.5397	-0.3562	-0.0847	-2.42E-4	-1.81E-4	-4.72E-4
	CC3	0.5698	-1.1579	-0.0483	-6.41E-4	-1.93E-4	-4.63E-4
	CC4	0.5635	-1.0765	-0.0516	-6.02E-4	-1.92E-4	-3.94E-4
	CC5	-0.5547	1.0489	-0.1608	4.76E-4	1.76E-4	3.99E-4
	CC6	-0.5610	1.1303	-0.1642	5.15E-4	1.77E-4	4.68E-4
	CC7	-0.5310	0.3286	-0.1277	1.16E-4	1.65E-4	4.77E-4
	CC8	-0.5373	0.4100	-0.1310	1.55E-4	1.66E-4	5.46E-4
	CC9	0.1404	0.8290	-0.1440	3.60E-4	-4.58E-5	-3.82E-4
	CC10	0.1195	1.0984	-0.1551	4.89E-4	-4.06E-5	-1.54E-4
	CC11	-0.1899	1.2750	-0.1678	5.87E-4	6.16E-5	-1.00E-4
	CC12	-0.2108	1.5443	-0.1789	7.16E-4	6.67E-5	1.28E-4
	CC13	0.2195	-1.5719	-0.0335	-8.41E-4	-8.28E-5	-1.23E-4
	CC14	0.1986	-1.3026	-0.0446	-7.13E-4	-7.76E-5	1.05E-4
	CC15	-0.1107	-1.1260	-0.0574	-6.14E-4	2.46E-5	1.59E-4
	CC16	-0.1316	-0.8566	-0.0684	-4.86E-4	2.97E-5	3.87E-4
163	CC1	0.7822	-0.2409	-0.1240	3.50E-5	-2.03E-4	-5.40E-4
	CC2	0.7116	-0.1845	-0.1236	5.67E-5	-1.84E-4	-4.71E-4
	CC3	0.7327	-0.9894	-0.0949	-1.51E-4	-2.40E-4	-4.62E-4
	CC4	0.6622	-0.9330	-0.0945	-1.30E-4	-2.20E-4	-3.93E-4
	CC5	-0.6637	0.9047	-0.1410	4.92E-4	2.15E-4	4.00E-4
	CC6	-0.7343	0.9611	-0.1407	5.14E-4	2.35E-4	4.69E-4
	CC7	-0.7132	0.1562	-0.1119	3.05E-4	1.79E-4	4.78E-4
	CC8	-0.7837	0.2126	-0.1116	3.27E-4	1.98E-4	5.46E-4
	CC9	0.4154	0.9682	-0.1643	3.87E-4	-3.73E-5	-3.81E-4
	CC10	0.1818	1.1548	-0.1631	4.59E-4	2.73E-5	-1.53E-4
	CC11	-0.0184	1.3119	-0.1694	5.24E-4	8.82E-5	-9.93E-5
	CC12	-0.2520	1.4985	-0.1683	5.96E-4	1.53E-4	1.29E-4
	CC13	0.2505	-1.5268	-0.0673	-2.34E-4	-1.58E-4	-1.22E-4
	CC14	0.0169	-1.3401	-0.0661	-1.62E-4	-9.33E-5	1.06E-4
	CC15	-0.1833	-1.1831	-0.0724	-9.72E-5	-3.23E-5	1.60E-4
	CC16	-0.4169	-0.9965	-0.0712	-2.51E-5	3.22E-5	3.88E-4
164	CC1	0.6083	-0.2413	-0.0302	6.57E-5	1.12E-4	-5.36E-4
	CC2	0.5822	-0.1849	-0.0323	7.25E-5	1.09E-4	-4.67E-4
	CC3	0.6098	-0.9898	-0.0467	-8.17E-5	1.36E-4	-4.58E-4
	CC4	0.5837	-0.9334	-0.0488	-7.50E-5	1.32E-4	-3.89E-4
	CC5	-0.5809	0.9043	-0.2118	-1.30E-4	-6.69E-5	4.04E-4
	CC6	-0.6071	0.9607	-0.2139	-1.23E-4	-7.06E-5	4.73E-4
	CC7	-0.5795	0.1558	-0.2283	-2.77E-4	-4.34E-5	4.81E-4
	CC8	-0.6056	0.2122	-0.2304	-2.70E-4	-4.72E-5	5.50E-4
	CC9	0.2206	0.9678	-0.0721	1.62E-4	2.67E-5	-3.77E-4
	CC10	0.1340	1.1544	-0.0791	1.84E-4	1.43E-5	-1.49E-4
	CC11	-0.1362	1.3114	-0.1266	1.03E-4	-2.71E-5	-9.54E-5

	CC12	-0.2228	1.4981	-0.1336	1.25E-4	-3.95E-5	1.33E-4
	CC13	0.2255	-1.5272	-0.1271	-3.30E-4	1.05E-4	-1.18E-4
	CC14	0.1389	-1.3406	-0.1340	-3.08E-4	9.23E-5	1.10E-4
	CC15	-0.1313	-1.1835	-0.1815	-3.89E-4	5.10E-5	1.64E-4
	CC16	-0.2179	-0.9969	-0.1885	-3.66E-4	3.85E-5	3.92E-4
165	CC1	0.5454	-0.2413	-0.0704	2.07E-4	-1.06E-4	-5.35E-4
	CC2	0.5390	-0.1850	-0.0722	2.15E-4	-1.04E-4	-4.66E-4
	CC3	0.5691	-0.9898	-0.0519	6.77E-6	-1.34E-4	-4.57E-4
	CC4	0.5628	-0.9335	-0.0538	1.52E-5	-1.32E-4	-3.89E-4
	CC5	-0.5554	0.9042	-0.1615	-1.55E-4	1.25E-4	4.04E-4
	CC6	-0.5617	0.9606	-0.1634	-1.47E-4	1.27E-4	4.73E-4
	CC7	-0.5317	0.1557	-0.1431	-3.55E-4	9.72E-5	4.82E-4
	CC8	-0.5380	0.2121	-0.1450	-3.47E-4	9.93E-5	5.51E-4
	CC9	0.1397	0.9677	-0.1216	3.03E-4	4.35E-6	-3.77E-4
	CC10	0.1188	1.1544	-0.1278	3.31E-4	1.13E-5	-1.49E-4
	CC11	-0.1905	1.3114	-0.1490	1.95E-4	7.37E-5	-9.47E-5
	CC12	-0.2114	1.4980	-0.1552	2.23E-4	8.07E-5	1.33E-4
	CC13	0.2188	-1.5273	-0.0601	-3.63E-4	-8.78E-5	-1.17E-4
	CC14	0.1979	-1.3406	-0.0663	-3.35E-4	-8.08E-5	1.11E-4
	CC15	-0.1114	-1.1836	-0.0875	-4.71E-4	-1.84E-5	1.64E-4
	CC16	-0.1323	-0.9970	-0.0937	-4.44E-4	-1.14E-5	3.92E-4
166	CC1	0.7816	-0.0416	-0.0959	-2.03E-5	-2.26E-4	-5.39E-4
	CC2	0.7110	-0.0109	-0.0959	-8.33E-6	-2.05E-4	-4.70E-4
	CC3	0.7321	-0.8191	-0.1238	-1.39E-4	-2.61E-4	-4.62E-4
	CC4	0.6616	-0.7884	-0.1238	-1.27E-4	-2.39E-4	-3.93E-4
	CC5	-0.6643	0.7535	-0.1134	4.05E-4	2.37E-4	4.00E-4
	CC6	-0.7349	0.7841	-0.1134	4.17E-4	2.58E-4	4.69E-4
	CC7	-0.7138	-0.0240	-0.1413	2.86E-4	2.02E-4	4.78E-4
	CC8	-0.7843	0.0067	-0.1413	2.98E-4	2.24E-4	5.47E-4
	CC9	0.4148	1.1083	-0.0695	2.53E-4	-4.85E-5	-3.81E-4
	CC10	0.1812	1.2099	-0.0694	2.92E-4	2.14E-5	-1.53E-4
	CC11	-0.0190	1.3468	-0.0747	3.80E-4	9.04E-5	-9.89E-5
	CC12	-0.2526	1.4484	-0.0746	4.20E-4	1.60E-4	1.29E-4
	CC13	0.2498	-1.4834	-0.1625	-1.42E-4	-1.63E-4	-1.22E-4
	CC14	0.0163	-1.3818	-0.1624	-1.02E-4	-9.30E-5	1.06E-4
	CC15	-0.1839	-1.2448	-0.1678	-1.43E-5	-2.40E-5	1.60E-4
	CC16	-0.4175	-1.1432	-0.1677	2.54E-5	4.59E-5	3.88E-4
167	CC1	0.6078	-0.0420	0.0226	-5.62E-5	-1.54E-4	-5.36E-4
	CC2	0.5817	-0.0113	0.0190	-3.93E-5	-1.46E-4	-4.67E-4
	CC3	0.6093	-0.8195	0.0086	-4.39E-4	-1.68E-4	-4.58E-4
	CC4	0.5831	-0.7888	0.0050	-4.22E-4	-1.60E-4	-3.90E-4
	CC5	-0.5815	0.7531	-0.2295	3.10E-4	2.18E-4	4.03E-4
	CC6	-0.6076	0.7838	-0.2331	3.27E-4	2.26E-4	4.72E-4
	CC7	-0.5800	-0.0244	-0.2435	-7.29E-5	2.03E-4	4.81E-4
	CC8	-0.6061	0.0063	-0.2471	-5.59E-5	2.11E-4	5.50E-4
	CC9	0.2201	1.1079	-0.0451	4.99E-4	-1.59E-5	-3.78E-4
	CC10	0.1335	1.2095	-0.0571	5.55E-4	1.04E-5	-1.50E-4
	CC11	-0.1367	1.3464	-0.1208	6.09E-4	9.55E-5	-9.57E-5
	CC12	-0.2233	1.4480	-0.1327	6.65E-4	1.22E-4	1.32E-4
	CC13	0.2250	-1.4837	-0.0918	-7.77E-4	-6.42E-5	-1.18E-4
	CC14	0.1384	-1.3821	-0.1037	-7.21E-4	-3.78E-5	1.10E-4
	CC15	-0.1318	-1.2452	-0.1674	-6.67E-4	4.72E-5	1.63E-4
	CC16	-0.2184	-1.1436	-0.1794	-6.11E-4	7.36E-5	3.91E-4
168	CC1	0.5447	-0.0420	-0.0024	1.34E-4	-6.01E-6	-5.36E-4
	CC2	0.5384	-0.0113	-0.0027	1.23E-4	6.86E-6	-4.67E-4
	CC3	0.5685	-0.8195	-0.0198	6.73E-5	-2.59E-4	-4.58E-4
	CC4	0.5622	-0.7888	-0.0201	5.66E-5	-2.46E-4	-3.89E-4
	CC5	-0.5560	0.7531	-0.1981	-8.60E-5	2.93E-4	4.04E-4
	CC6	-0.5624	0.7838	-0.1984	-9.67E-5	3.06E-4	4.73E-4
	CC7	-0.5323	-0.0244	-0.2155	-1.52E-4	4.01E-5	4.82E-4
	CC8	-0.5386	0.0063	-0.2158	-1.63E-4	5.30E-5	5.50E-4
	CC9	0.1391	1.1079	-0.0503	1.47E-4	3.79E-4	-3.77E-4
	CC10	0.1181	1.2095	-0.0512	1.11E-4	4.22E-4	-1.49E-4
	CC11	-0.1912	1.3464	-0.1091	8.08E-5	4.69E-4	-9.53E-5
	CC12	-0.2121	1.4480	-0.1099	4.54E-5	5.11E-4	1.33E-4
	CC13	0.2182	-1.4837	-0.1083	-7.49E-5	-4.64E-4	-1.18E-4
	CC14	0.1973	-1.3821	-0.1091	-1.10E-4	-4.22E-4	1.10E-4
	CC15	-0.1120	-1.2452	-0.1670	-1.41E-4	-3.75E-4	1.64E-4
	CC16	-0.1330	-1.1436	-0.1678	-1.76E-4	-3.32E-4	3.92E-4
169	CC1	0.7810	0.1589	-0.1038	1.14E-4	-2.58E-4	-5.39E-4
	CC2	0.7105	0.1639	-0.1040	1.18E-4	-2.35E-4	-4.70E-4
	CC3	0.7316	-0.6476	-0.1192	-2.38E-5	-3.07E-4	-4.61E-4

	CC4	0.6610	-0.6426	-0.1194	-1.90E-5	-2.84E-4	-3.92E-4
	CC5	-0.6649	0.6035	-0.1206	2.72E-4	2.77E-4	4.01E-4
	CC6	-0.7354	0.6085	-0.1208	2.77E-4	3.00E-4	4.70E-4
	CC7	-0.7143	-0.2030	-0.1360	1.34E-4	2.28E-4	4.79E-4
	CC8	-0.7849	-0.1980	-0.1362	1.39E-4	2.51E-4	5.47E-4
	CC9	0.4142	1.2497	-0.0914	3.24E-4	-3.89E-5	-3.80E-4
	CC10	0.1806	1.2662	-0.0923	3.40E-4	3.59E-5	-1.52E-4
	CC11	-0.0196	1.3830	-0.0965	3.71E-4	1.22E-4	-9.83E-5
	CC12	-0.2532	1.3996	-0.0973	3.87E-4	1.96E-4	1.30E-4
	CC13	0.2493	-1.4386	-0.1427	-1.34E-4	-2.03E-4	-1.21E-4
	CC14	0.0157	-1.4221	-0.1435	-1.18E-4	-1.29E-4	1.07E-4
	CC15	-0.1845	-1.3053	-0.1477	-8.67E-5	-4.28E-5	1.61E-4
	CC16	-0.4181	-1.2887	-0.1486	-7.09E-5	3.19E-5	3.89E-4
<b>170</b>	CC1	0.6083	0.1585	-0.0407	-9.05E-6	-5.51E-4	-5.39E-4
	CC2	0.5821	0.1635	-0.0415	-7.53E-6	-5.29E-4	-4.70E-4
	CC3	0.6098	-0.6480	-0.0576	-2.80E-4	-5.57E-4	-4.61E-4
	CC4	0.5836	-0.6429	-0.0584	-2.79E-4	-5.35E-4	-3.92E-4
	CC5	-0.5810	0.6031	-0.1570	1.66E-4	5.28E-4	4.01E-4
	CC6	-0.6071	0.6081	-0.1577	1.68E-4	5.50E-4	4.70E-4
	CC7	-0.5795	-0.2034	-0.1739	-1.05E-4	5.21E-4	4.79E-4
	CC8	-0.6057	-0.1984	-0.1746	-1.03E-4	5.43E-4	5.47E-4
	CC9	0.2205	1.2493	-0.0608	3.67E-4	-1.91E-4	-3.80E-4
	CC10	0.1340	1.2658	-0.0633	3.72E-4	-1.18E-4	-1.52E-4
	CC11	-0.1362	1.3827	-0.0957	4.19E-4	1.33E-4	-9.83E-5
	CC12	-0.2228	1.3992	-0.0982	4.24E-4	2.06E-4	1.30E-4
	CC13	0.2254	-1.4390	-0.1171	-5.37E-4	-2.13E-4	-1.21E-4
	CC14	0.1389	-1.4225	-0.1197	-5.32E-4	-1.40E-4	1.07E-4
	CC15	-0.1313	-1.3057	-0.1520	-4.84E-4	1.11E-4	1.61E-4
	CC16	-0.2179	-1.2891	-0.1546	-4.79E-4	1.83E-4	3.89E-4
<b>171</b>	CC1	0.5446	0.1586	0.0324	9.75E-5	-3.54E-4	-5.39E-4
	CC2	0.5383	0.1636	0.0369	1.00E-4	-3.50E-4	-4.70E-4
	CC3	0.5683	-0.6479	-0.0758	-3.94E-4	-3.58E-4	-4.61E-4
	CC4	0.5620	-0.6429	-0.0713	-3.91E-4	-3.54E-4	-3.92E-4
	CC5	-0.5562	0.6031	-0.1286	3.35E-4	3.26E-4	4.01E-4
	CC6	-0.5625	0.6081	-0.1241	3.37E-4	3.30E-4	4.70E-4
	CC7	-0.5324	-0.2034	-0.2368	-1.57E-4	3.21E-4	4.79E-4
	CC8	-0.5387	-0.1984	-0.2323	-1.54E-4	3.25E-4	5.48E-4
	CC9	0.1389	1.2493	0.0972	7.51E-4	-1.15E-4	-3.80E-4
	CC10	0.1180	1.2659	0.1120	7.60E-4	-1.02E-4	-1.52E-4
	CC11	-0.1913	1.3827	0.0489	8.22E-4	8.91E-5	-9.81E-5
	CC12	-0.2122	1.3992	0.0637	8.31E-4	1.02E-4	1.30E-4
	CC13	0.2181	-1.4390	-0.2636	-8.88E-4	-1.31E-4	-1.21E-4
	CC14	0.1972	-1.4225	-0.2488	-8.79E-4	-1.18E-4	1.07E-4
	CC15	-0.1122	-1.3056	-0.3119	-8.17E-4	7.31E-5	1.61E-4
	CC16	-0.1331	-1.2891	-0.2971	-8.07E-4	8.61E-5	3.89E-4
<b>172</b>	CC1	0.7805	0.3554	-0.0981	4.78E-4	-2.29E-4	-5.35E-4
	CC2	0.7099	0.3354	-0.0982	4.77E-4	-2.09E-4	-4.66E-4
	CC3	0.7310	-0.4793	-0.1324	3.07E-4	-2.14E-4	-4.57E-4
	CC4	0.6604	-0.4993	-0.1325	3.06E-4	-1.93E-4	-3.89E-4
	CC5	-0.6654	0.4593	-0.1187	-6.79E-5	1.34E-4	4.04E-4
	CC6	-0.7360	0.4393	-0.1189	-6.89E-5	1.55E-4	4.73E-4
	CC7	-0.7149	-0.3754	-0.1531	-2.39E-4	1.50E-4	4.82E-4
	CC8	-0.7855	-0.3954	-0.1532	-2.40E-4	1.71E-4	5.51E-4
	CC9	0.4136	1.3887	-0.0652	4.87E-4	-1.44E-4	-3.77E-4
	CC10	0.1801	1.3225	-0.0655	4.84E-4	-7.58E-5	-1.49E-4
	CC11	-0.0201	1.4199	-0.0714	3.23E-4	-3.50E-5	-9.48E-5
	CC12	-0.2537	1.3537	-0.0717	3.20E-4	3.34E-5	1.33E-4
	CC13	0.2487	-1.3937	-0.1796	-8.20E-5	-9.23E-5	-1.17E-4
	CC14	0.0151	-1.4598	-0.1799	-8.54E-5	-2.39E-5	1.11E-4
	CC15	-0.1851	-1.3625	-0.1858	-2.46E-4	1.68E-5	1.64E-4
	CC16	-0.4186	-1.4286	-0.1861	-2.49E-4	8.52E-5	3.92E-4
<b>173</b>	CC1	0.6085	0.3551	-0.2275	4.35E-5	-4.02E-4	-5.42E-4
	CC2	0.5825	0.3351	-0.2211	4.29E-5	-3.88E-4	-4.73E-4
	CC3	0.6101	-0.4796	-0.2414	-3.52E-4	-4.07E-4	-4.64E-4
	CC4	0.5842	-0.4996	-0.2351	-3.53E-4	-3.93E-4	-3.95E-4
	CC5	-0.5800	0.4590	0.0116	2.66E-4	3.07E-4	3.98E-4
	CC6	-0.6059	0.4390	0.0180	2.66E-4	3.22E-4	4.67E-4
	CC7	-0.5783	-0.3757	-0.0023	-1.30E-4	3.03E-4	4.75E-4
	CC8	-0.6043	-0.3957	0.0041	-1.30E-4	3.17E-4	5.44E-4
	CC9	0.2206	1.3883	-0.1349	5.84E-4	-1.65E-4	-3.83E-4
	CC10	0.1346	1.3222	-0.1138	5.82E-4	-1.17E-4	-1.55E-4
	CC11	-0.1359	1.4195	-0.0632	6.51E-4	4.76E-5	-1.01E-4

	CC12	-0.2219	1.3534	-0.0420	6.49E-4	9.62E-5	1.27E-4
	CC13	0.2261	-1.3940	-0.1814	-7.36E-4	-1.81E-4	-1.24E-4
	CC14	0.1401	-1.4602	-0.1602	-7.38E-4	-1.33E-4	1.04E-4
	CC15	-0.1304	-1.3628	-0.1096	-6.69E-4	3.16E-5	1.58E-4
	CC16	-0.2164	-1.4290	-0.0885	-6.71E-4	8.02E-5	3.86E-4
174	CC1	0.5445	0.3498	-0.1368	-2.76E-4	-3.94E-4	-5.41E-4
	CC2	0.5382	0.3305	-0.1344	-2.67E-4	-4.01E-4	-4.72E-4
	CC3	0.5682	-0.4841	-0.1575	-3.81E-4	-1.39E-4	-4.63E-4
	CC4	0.5619	-0.5035	-0.1552	-3.72E-4	-1.47E-4	-3.94E-4
	CC5	-0.5563	0.4627	-0.0801	3.80E-4	4.92E-5	3.98E-4
	CC6	-0.5626	0.4434	-0.0777	3.89E-4	4.19E-5	4.67E-4
	CC7	-0.5325	-0.3712	-0.1008	2.74E-4	3.04E-4	4.76E-4
	CC8	-0.5388	-0.3906	-0.0985	2.83E-4	2.97E-4	5.45E-4
	CC9	0.1388	1.3846	-0.0955	6.62E-5	-5.28E-4	-3.83E-4
	CC10	0.1179	1.3206	-0.0877	9.65E-5	-5.52E-4	-1.55E-4
	CC11	-0.1914	1.4185	-0.0785	2.63E-4	-3.95E-4	-1.01E-4
	CC12	-0.2123	1.3545	-0.0707	2.93E-4	-4.19E-4	1.27E-4
	CC13	0.2180	-1.3952	-0.1645	-2.86E-4	3.22E-4	-1.23E-4
	CC14	0.1971	-1.4592	-0.1567	-2.55E-4	2.97E-4	1.05E-4
	CC15	-0.1123	-1.3614	-0.1475	-8.92E-5	4.55E-4	1.59E-4
	CC16	-0.1332	-1.4253	-0.1397	-5.89E-5	4.30E-4	3.86E-4
175	CC1	0.7796	0.5529	-0.1102	1.55E-3	-5.71E-4	-5.39E-4
	CC2	0.7091	0.5079	-0.1097	1.70E-3	-5.38E-4	-4.70E-4
	CC3	0.7302	-0.3100	-0.1480	8.17E-4	-6.06E-4	-4.61E-4
	CC4	0.6596	-0.3550	-0.1475	9.64E-4	-5.73E-4	-3.93E-4
	CC5	-0.6663	0.3102	-0.1477	-7.52E-4	4.97E-4	4.00E-4
	CC6	-0.7368	0.2652	-0.1471	-6.05E-4	5.30E-4	4.69E-4
	CC7	-0.7157	-0.5527	-0.1855	-1.48E-3	4.62E-4	4.78E-4
	CC8	-0.7863	-0.5977	-0.1849	-1.34E-3	4.95E-4	5.47E-4
	CC9	0.4128	1.5267	-0.0798	1.43E-3	-1.94E-4	-3.81E-4
	CC10	0.1792	1.3778	-0.0780	1.92E-3	-8.59E-5	-1.53E-4
	CC11	-0.0210	1.4538	-0.0911	7.38E-4	1.26E-4	-9.88E-5
	CC12	-0.2545	1.3050	-0.0893	1.22E-3	2.35E-4	1.29E-4
	CC13	0.2479	-1.3497	-0.2059	-1.01E-3	-3.11E-4	-1.21E-4
	CC14	0.0143	-1.4986	-0.2041	-5.27E-4	-2.02E-4	1.06E-4
	CC15	-0.1859	-1.4225	-0.2171	-1.70E-3	9.77E-6	1.60E-4
	CC16	-0.4195	-1.5714	-0.2153	-1.22E-3	1.18E-4	3.88E-4
176	CC1	0.6079	0.5554	-0.1984	1.23E-4	-1.34E-4	-5.42E-4
	CC2	0.5818	0.5104	-0.1976	1.46E-4	-1.60E-4	-4.73E-4
	CC3	0.6094	-0.3075	-0.2184	1.19E-5	-1.63E-4	-4.64E-4
	CC4	0.5832	-0.3525	-0.2176	3.45E-5	-1.90E-4	-3.95E-4
	CC5	-0.5813	0.3127	-0.0746	-1.08E-4	1.05E-4	3.98E-4
	CC6	-0.6075	0.2677	-0.0737	-8.54E-5	7.85E-5	4.67E-4
	CC7	-0.5799	-0.5502	-0.0946	-2.19E-4	7.56E-5	4.76E-4
	CC8	-0.6060	-0.5952	-0.0938	-1.97E-4	4.91E-5	5.45E-4
	CC9	0.2202	1.5291	-0.1326	1.46E-4	1.47E-5	-3.83E-4
	CC10	0.1336	1.3802	-0.1299	2.21E-4	-7.30E-5	-1.55E-4
	CC11	-0.1366	1.4563	-0.0954	7.64E-5	8.63E-5	-1.01E-4
	CC12	-0.2232	1.3074	-0.0927	1.51E-4	-1.36E-6	1.27E-4
	CC13	0.2251	-1.3473	-0.1994	-2.25E-4	-8.32E-5	-1.24E-4
	CC14	0.1385	-1.4961	-0.1967	-1.50E-4	-1.71E-4	1.04E-4
	CC15	-0.1317	-1.4201	-0.1623	-2.94E-4	-1.16E-5	1.58E-4
	CC16	-0.2183	-1.5690	-0.1596	-2.19E-4	-9.93E-5	3.86E-4
177	CC1	0.5439	0.5554	-0.1382	2.03E-4	-3.33E-4	-5.39E-4
	CC2	0.5376	0.5104	-0.1400	1.88E-4	-3.34E-4	-4.71E-4
	CC3	0.5677	-0.3075	-0.1598	-2.14E-4	-3.17E-4	-4.62E-4
	CC4	0.5614	-0.3525	-0.1616	-2.28E-4	-3.18E-4	-3.93E-4
	CC5	-0.5568	0.3127	-0.0863	1.09E-4	2.94E-4	4.00E-4
	CC6	-0.5632	0.2677	-0.0881	9.45E-5	2.93E-4	4.69E-4
	CC7	-0.5331	-0.5502	-0.1079	-3.07E-4	3.09E-4	4.78E-4
	CC8	-0.5394	-0.5952	-0.1097	-3.22E-4	3.08E-4	5.47E-4
	CC9	0.1383	1.5291	-0.0928	6.73E-4	-1.31E-4	-3.81E-4
	CC10	0.1174	1.3802	-0.0988	6.24E-4	-1.34E-4	-1.53E-4
	CC11	-0.1920	1.4563	-0.0773	6.45E-4	5.73E-5	-9.90E-5
	CC12	-0.2129	1.3074	-0.0832	5.96E-4	5.37E-5	1.29E-4
	CC13	0.2174	-1.3473	-0.1647	-7.15E-4	-7.80E-5	-1.22E-4
	CC14	0.1965	-1.4961	-0.1707	-7.64E-4	-8.16E-5	1.06E-4
	CC15	-0.1128	-1.4201	-0.1491	-7.43E-4	1.10E-4	1.60E-4
	CC16	-0.1337	-1.5690	-0.1551	-7.92E-4	1.06E-4	3.88E-4
178	CC1	0.4843	0.5326	-0.2036	2.71E-4	-4.11E-4	-5.39E-4
	CC2	0.5015	0.4905	-0.2040	2.67E-4	-4.34E-4	-4.71E-4
	CC3	0.5346	-0.3270	-0.1506	-1.39E-5	-4.42E-4	-4.62E-4

	CC4	0.5519	-0.3691	-0.1510	-1.78E-5	-4.65E-4	-3.93E-4
	CC5	-0.5407	0.3292	-0.0467	-1.20E-4	4.36E-4	4.00E-4
	CC6	-0.5234	0.2871	-0.0471	-1.24E-4	4.13E-4	4.69E-4
	CC7	-0.4903	-0.5304	0.0063	-4.05E-4	4.05E-4	4.78E-4
	CC8	-0.4731	-0.5725	0.0059	-4.09E-4	3.82E-4	5.47E-4
	CC9	0.0468	1.5129	-0.2102	4.71E-4	-5.26E-5	-3.81E-4
	CC10	0.1040	1.3736	-0.2114	4.58E-4	-1.27E-4	-1.53E-4
	CC11	-0.2607	1.4519	-0.1631	3.54E-4	2.02E-4	-9.90E-5
	CC12	-0.2035	1.3126	-0.1644	3.41E-4	1.27E-4	1.29E-4
	CC13	0.2147	-1.3525	-0.0333	-4.79E-4	-1.56E-4	-1.22E-4
	CC14	0.2719	-1.4918	-0.0346	-4.92E-4	-2.30E-4	1.06E-4
	CC15	-0.0928	-1.4135	0.0137	-5.96E-4	9.81E-5	1.60E-4
	CC16	-0.0356	-1.5528	0.0125	-6.09E-4	2.37E-5	3.88E-4
179	CC1	0.7797	0.7583	-0.0845	7.28E-4	-4.83E-4	-5.49E-4
	CC2	0.7092	0.6876	-0.0868	7.59E-4	-4.54E-4	-4.80E-4
	CC3	0.7302	-0.1336	-0.1458	2.01E-4	-5.16E-4	-4.71E-4
	CC4	0.6597	-0.2043	-0.1481	2.32E-4	-4.87E-4	-4.02E-4
	CC5	-0.6662	0.1678	-0.1602	-7.96E-5	4.65E-4	3.91E-4
	CC6	-0.7367	0.0971	-0.1625	-4.84E-5	4.94E-4	4.59E-4
	CC7	-0.7157	-0.7241	-0.2215	-6.06E-4	4.33E-4	4.68E-4
	CC8	-0.7862	-0.7948	-0.2238	-5.75E-4	4.62E-4	5.37E-4
	CC9	0.4129	1.6738	-0.0368	1.02E-3	-1.47E-4	-3.90E-4
	CC10	0.1793	1.4399	-0.0444	1.13E-3	-5.13E-5	-1.62E-4
	CC11	-0.0209	1.4967	-0.0595	7.81E-4	1.37E-4	-1.09E-4
	CC12	-0.2545	1.2627	-0.0671	8.85E-4	2.33E-4	1.19E-4
	CC13	0.2480	-1.2992	-0.2412	-7.32E-4	-2.55E-4	-1.31E-4
	CC14	0.0144	-1.5332	-0.2488	-6.29E-4	-1.59E-4	9.67E-5
	CC15	-0.1858	-1.4764	-0.2639	-9.74E-4	2.97E-5	1.51E-4
	CC16	-0.4194	-1.7103	-0.2715	-8.71E-4	1.26E-4	3.79E-4
180	CC1	0.6069	0.7615	-0.1591	2.91E-6	-2.92E-4	-5.39E-4
	CC2	0.5808	0.6905	-0.1619	-4.98E-6	-2.99E-4	-4.70E-4
	CC3	0.6084	-0.1308	-0.1917	-3.58E-5	-3.11E-4	-4.61E-4
	CC4	0.5822	-0.2018	-0.1944	-4.36E-5	-3.19E-4	-3.92E-4
	CC5	-0.5824	0.1664	-0.0975	-6.18E-5	3.15E-4	4.01E-4
	CC6	-0.6085	0.0954	-0.1002	-6.97E-5	3.07E-4	4.70E-4
	CC7	-0.5809	-0.7259	-0.1300	-1.01E-4	2.95E-4	4.78E-4
	CC8	-0.6070	-0.7969	-0.1328	-1.08E-4	2.88E-4	5.47E-4
	CC9	0.2192	1.6762	-0.0964	3.45E-5	-4.85E-5	-3.80E-4
	CC10	0.1326	1.4412	-0.1055	8.37E-6	-7.32E-5	-1.52E-4
	CC11	-0.1376	1.4977	-0.0779	1.51E-5	1.33E-4	-9.84E-5
	CC12	-0.2242	1.2626	-0.0870	-1.11E-5	1.09E-4	1.30E-4
	CC13	0.2241	-1.2981	-0.2049	-9.44E-5	-1.13E-4	-1.21E-4
	CC14	0.1375	-1.5331	-0.2140	-1.21E-4	-1.37E-4	1.07E-4
	CC15	-0.1327	-1.4766	-0.1864	-1.14E-4	6.93E-5	1.61E-4
	CC16	-0.2193	-1.7117	-0.1955	-1.40E-4	4.46E-5	3.89E-4
181	CC1	0.5435	0.7588	-0.1691	2.16E-5	-3.21E-4	-5.41E-4
	CC2	0.5372	0.6881	-0.1681	-7.96E-6	-3.21E-4	-4.72E-4
	CC3	0.5672	-0.1331	-0.1570	-3.88E-4	-3.07E-4	-4.63E-4
	CC4	0.5609	-0.2038	-0.1561	-4.17E-4	-3.07E-4	-3.94E-4
	CC5	-0.5573	0.1683	-0.1127	3.39E-4	2.95E-4	3.99E-4
	CC6	-0.5636	0.0977	-0.1118	3.09E-4	2.96E-4	4.68E-4
	CC7	-0.5335	-0.7236	-0.1007	-7.06E-5	3.09E-4	4.77E-4
	CC8	-0.5398	-0.7942	-0.0997	-1.00E-4	3.10E-4	5.45E-4
	CC9	0.1378	1.6743	-0.1645	6.44E-4	-1.22E-4	-3.82E-4
	CC10	0.1169	1.4404	-0.1614	5.46E-4	-1.21E-4	-1.54E-4
	CC11	-0.1924	1.4972	-0.1475	7.40E-4	6.33E-5	-1.00E-4
	CC12	-0.2133	1.2633	-0.1444	6.42E-4	6.37E-5	1.28E-4
	CC13	0.2170	-1.2987	-0.1244	-7.20E-4	-7.48E-5	-1.23E-4
	CC14	0.1961	-1.5326	-0.1213	-8.18E-4	-7.43E-5	1.05E-4
	CC15	-0.1133	-1.4758	-0.1074	-6.25E-4	1.10E-4	1.59E-4
	CC16	-0.1342	-1.7098	-0.1043	-7.23E-4	1.10E-4	3.87E-4
182	CC1	0.4832	0.7588	-0.1050	-5.63E-5	-2.57E-4	-5.48E-4
	CC2	0.5004	0.6881	-0.0986	-7.81E-5	-2.65E-4	-4.79E-4
	CC3	0.5335	-0.1332	-0.0400	-3.25E-4	-2.82E-4	-4.70E-4
	CC4	0.5508	-0.2038	-0.0336	-3.47E-4	-2.90E-4	-4.01E-4
	CC5	-0.5418	0.1683	-0.1951	2.26E-4	2.83E-4	3.91E-4
	CC6	-0.5245	0.0976	-0.1887	2.04E-4	2.74E-4	4.60E-4
	CC7	-0.4914	-0.7236	-0.1301	-4.31E-5	2.58E-4	4.69E-4
	CC8	-0.4742	-0.7943	-0.1237	-6.48E-5	2.49E-4	5.38E-4
	CC9	0.0457	1.6743	-0.2197	3.81E-4	-2.85E-5	-3.89E-4
	CC10	0.1029	1.4404	-0.1986	3.09E-4	-5.70E-5	-1.62E-4
	CC11	-0.2618	1.4972	-0.2468	4.66E-4	1.33E-4	-1.08E-4

	CC12	-0.2046	1.2632	-0.2256	3.93E-4	1.05E-4	1.20E-4
	CC13	0.2136	-1.2987	-0.0031	-5.15E-4	-1.12E-4	-1.30E-4
	CC14	0.2708	-1.5327	0.0181	-5.87E-4	-1.41E-4	9.76E-5
	CC15	-0.0939	-1.4759	-0.0301	-4.30E-4	4.96E-5	1.52E-4
	CC16	-0.0367	-1.7098	-0.0090	-5.02E-4	2.11E-5	3.80E-4
183	CC1	0.7795	0.9563	-0.1692	9.86E-4	-4.94E-4	-5.45E-4
	CC2	0.7089	0.8610	-0.1730	9.51E-4	-4.63E-4	-4.76E-4
	CC3	0.7300	0.0365	-0.2323	2.78E-4	-5.27E-4	-4.67E-4
	CC4	0.6594	-0.0588	-0.2362	2.43E-4	-4.96E-4	-3.98E-4
	CC5	-0.6664	0.0313	-0.0864	4.29E-5	5.06E-4	3.95E-4
	CC6	-0.7370	-0.0640	-0.0902	8.36E-6	5.37E-4	4.64E-4
	CC7	-0.7159	-0.8884	-0.1496	-6.65E-4	4.74E-4	4.73E-4
	CC8	-0.7865	-0.9837	-0.1534	-6.99E-4	5.05E-4	5.41E-4
	CC9	0.4126	1.8157	-0.0621	1.52E-3	-1.41E-4	-3.86E-4
	CC10	0.1791	1.5002	-0.0748	1.41E-3	-3.93E-5	-1.58E-4
	CC11	-0.0211	1.5382	-0.0373	1.24E-3	1.59E-4	-1.04E-4
	CC12	-0.2547	1.2227	-0.0499	1.12E-3	2.61E-4	1.24E-4
	CC13	0.2477	-1.2501	-0.2726	-8.38E-4	-2.51E-4	-1.27E-4
	CC14	0.0141	-1.5657	-0.2853	-9.52E-4	-1.49E-4	1.01E-4
	CC15	-0.1861	-1.5276	-0.2478	-1.12E-3	4.95E-5	1.55E-4
	CC16	-0.4196	-1.8431	-0.2604	-1.24E-3	1.52E-4	3.83E-4
184	CC1	0.6059	0.9602	-0.1767	-4.50E-6	-3.03E-4	-5.40E-4
	CC2	0.5797	0.8645	-0.1810	-1.37E-5	-3.12E-4	-4.71E-4
	CC3	0.6073	0.0401	-0.2097	-9.29E-5	-3.30E-4	-4.63E-4
	CC4	0.5812	-0.0556	-0.2140	-1.02E-4	-3.38E-4	-3.94E-4
	CC5	-0.5834	0.0308	-0.1041	-1.17E-4	3.35E-4	3.99E-4
	CC6	-0.6095	-0.0649	-0.1084	-1.27E-4	3.26E-4	4.68E-4
	CC7	-0.5819	-0.8893	-0.1372	-2.06E-4	3.08E-4	4.77E-4
	CC8	-0.6081	-0.9850	-0.1415	-2.15E-4	2.99E-4	5.46E-4
	CC9	0.2181	1.8189	-0.1078	6.97E-5	-3.86E-5	-3.82E-4
	CC10	0.1316	1.5022	-0.1220	3.93E-5	-6.68E-5	-1.54E-4
	CC11	-0.1387	1.5400	-0.0860	3.58E-5	1.53E-4	-9.98E-5
	CC12	-0.2252	1.2234	-0.1003	5.41E-6	1.25E-4	1.28E-4
	CC13	0.2230	-1.2482	-0.2179	-2.25E-4	-1.28E-4	-1.23E-4
	CC14	0.1365	-1.5648	-0.2321	-2.55E-4	-1.56E-4	1.05E-4
	CC15	-0.1338	-1.5270	-0.1961	-2.59E-4	6.30E-5	1.59E-4
	CC16	-0.2203	-1.8437	-0.2103	-2.89E-4	3.48E-5	3.87E-4
185	CC1	0.5423	0.9353	-0.1459	2.81E-4	-4.08E-4	-5.35E-4
	CC2	0.5360	0.8429	-0.1475	2.62E-4	-4.26E-4	-4.66E-4
	CC3	0.5661	0.0189	-0.1551	3.09E-5	-4.40E-4	-4.57E-4
	CC4	0.5598	-0.0736	-0.1567	1.23E-5	-4.58E-4	-3.89E-4
	CC5	-0.5584	0.0497	-0.0982	-9.03E-5	4.66E-4	4.04E-4
	CC6	-0.5648	-0.0428	-0.0998	-1.09E-4	4.48E-4	4.73E-4
	CC7	-0.5347	-0.8668	-0.1074	-3.40E-4	4.33E-4	4.82E-4
	CC8	-0.5410	-0.9592	-0.1091	-3.59E-4	4.15E-4	5.51E-4
	CC9	0.1367	1.8014	-0.1165	4.64E-4	-4.33E-5	-3.77E-4
	CC10	0.1157	1.4954	-0.1218	4.02E-4	-1.03E-4	-1.49E-4
	CC11	-0.1936	1.5357	-0.1022	3.53E-4	2.19E-4	-9.48E-5
	CC12	-0.2145	1.2297	-0.1075	2.91E-4	1.59E-4	1.33E-4
	CC13	0.2158	-1.2536	-0.1474	-3.69E-4	-1.51E-4	-1.17E-4
	CC14	0.1949	-1.5596	-0.1527	-4.31E-4	-2.11E-4	1.10E-4
	CC15	-0.1144	-1.5193	-0.1331	-4.80E-4	1.11E-4	1.64E-4
	CC16	-0.1354	-1.8253	-0.1384	-5.42E-4	5.10E-5	3.92E-4
186	CC1	0.4833	0.9579	-0.2623	3.35E-4	-3.55E-4	-5.57E-4
	CC2	0.5005	0.8625	-0.2606	3.10E-4	-3.63E-4	-4.88E-4
	CC3	0.5336	0.0381	-0.2101	2.42E-5	-3.48E-4	-4.79E-4
	CC4	0.5509	-0.0573	-0.2084	-1.04E-6	-3.56E-4	-4.10E-4
	CC5	-0.5417	0.0325	-0.0245	-6.93E-5	3.23E-4	3.83E-4
	CC6	-0.5244	-0.0629	-0.0228	-9.45E-5	3.15E-4	4.52E-4
	CC7	-0.4913	-0.8873	0.0278	-3.80E-4	3.30E-4	4.61E-4
	CC8	-0.4741	-0.9827	0.0295	-4.06E-4	3.22E-4	5.30E-4
	CC9	0.0458	1.8172	-0.2420	5.86E-4	-1.16E-4	-3.98E-4
	CC10	0.1030	1.5015	-0.2363	5.02E-4	-1.43E-4	-1.70E-4
	CC11	-0.2617	1.5396	-0.1706	4.64E-4	8.70E-5	-1.16E-4
	CC12	-0.2045	1.2239	-0.1650	3.81E-4	6.02E-5	1.12E-4
	CC13	0.2137	-1.2487	-0.0679	-4.51E-4	-9.31E-5	-1.39E-4
	CC14	0.2709	-1.5644	-0.0622	-5.35E-4	-1.20E-4	8.92E-5
	CC15	-0.0938	-1.5263	0.0035	-5.73E-4	1.10E-4	1.43E-4
	CC16	-0.0366	-1.8420	0.0091	-6.56E-4	8.32E-5	3.71E-4
187	CC1	0.5410	1.1099	-0.1922	6.28E-4	-3.23E-4	-5.34E-4
	CC2	0.5346	0.9958	-0.1846	5.70E-4	-2.98E-4	-4.65E-4
	CC3	0.5647	0.1690	-0.1320	8.72E-5	-1.72E-4	-4.56E-4

	CC4	0.5584	0.0549	-0.1243	2.89E-5	-1.48E-4	-3.88E-4
	CC5	-0.5598	-0.0701	-0.1127	-9.15E-6	2.28E-4	4.05E-4
	CC6	-0.5661	-0.1842	-0.1051	-6.74E-5	2.52E-4	4.74E-4
	CC7	-0.5361	-1.0110	-0.0525	-5.50E-4	3.79E-4	4.83E-4
	CC8	-0.5424	-1.1251	-0.0449	-6.08E-4	4.03E-4	5.52E-4
	CC9	0.1353	1.9263	-0.2434	1.10E-3	-3.34E-4	-3.76E-4
	CC10	0.1144	1.5488	-0.2182	9.10E-4	-2.54E-4	-1.48E-4
	CC11	-0.1949	1.5723	-0.2195	9.12E-4	-1.68E-4	-9.38E-5
	CC12	-0.2158	1.1948	-0.1943	7.19E-4	-8.84E-5	1.34E-4
	CC13	0.2144	-1.2100	-0.0427	-6.99E-4	1.69E-4	-1.16E-4
	CC14	0.1935	-1.5875	-0.0175	-8.92E-4	2.49E-4	1.11E-4
	CC15	-0.1158	-1.5640	-0.0188	-8.90E-4	3.34E-4	1.65E-4
	CC16	-0.1367	-1.9415	0.0064	-1.08E-3	4.14E-4	3.93E-4
<b>188</b>	CC1	0.4830	1.1098	-0.2675	2.15E-4	1.88E-4	-5.47E-4
	CC2	0.5003	0.9957	-0.2584	2.20E-4	2.23E-4	-4.78E-4
	CC3	0.5334	0.1689	-0.1746	1.81E-4	3.72E-4	-4.69E-4
	CC4	0.5507	0.0548	-0.1656	1.86E-4	4.07E-4	-4.01E-4
	CC5	-0.5419	-0.0702	-0.0753	-2.12E-4	-3.93E-4	3.92E-4
	CC6	-0.5247	-0.1843	-0.0662	-2.08E-4	-3.58E-4	4.61E-4
	CC7	-0.4916	-1.0111	0.0175	-2.46E-4	-2.09E-4	4.70E-4
	CC8	-0.4743	-1.1252	0.0266	-2.41E-4	-1.74E-4	5.39E-4
	CC9	0.0456	1.9262	-0.3191	9.91E-5	-2.70E-4	-3.89E-4
	CC10	0.1028	1.5487	-0.2890	1.15E-4	-1.54E-4	-1.61E-4
	CC11	-0.2619	1.5722	-0.2614	-2.91E-5	-4.44E-4	-1.07E-4
	CC12	-0.2047	1.1947	-0.2313	-1.30E-5	-3.28E-4	1.21E-4
	CC13	0.2135	-1.2101	-0.0095	-1.35E-5	3.42E-4	-1.29E-4
	CC14	0.2706	-1.5876	0.0206	2.60E-6	4.58E-4	9.85E-5
	CC15	-0.0940	-1.5641	0.0481	-1.42E-4	1.68E-4	1.52E-4
	CC16	-0.0369	-1.9416	0.0782	-1.26E-4	2.84E-4	3.80E-4
<b>189</b>	CC1	0.7797	1.1968	-0.1618	-2.54E-4	-5.41E-4	-5.40E-4
	CC2	0.7092	1.0716	-0.1737	-3.77E-4	-5.02E-4	-4.71E-4
	CC3	0.7303	0.2433	-0.2823	-1.02E-3	-5.70E-4	-4.62E-4
	CC4	0.6597	0.1181	-0.2942	-1.14E-3	-5.31E-4	-3.93E-4
	CC5	-0.6662	-0.1354	0.0317	1.18E-3	6.21E-4	4.00E-4
	CC6	-0.7367	-0.2606	0.0198	1.05E-3	6.60E-4	4.69E-4
	CC7	-0.7156	-1.0889	-0.0888	4.15E-4	5.92E-4	4.78E-4
	CC8	-0.7862	-1.2141	-0.1007	2.91E-4	6.31E-4	5.47E-4
	CC9	0.4129	1.9876	0.0602	1.28E-3	-1.46E-4	-3.81E-4
	CC10	0.1793	1.5731	0.0209	8.69E-4	-1.67E-5	-1.53E-4
	CC11	-0.0209	1.5879	0.1183	1.71E-3	2.03E-4	-9.91E-5
	CC12	-0.2544	1.1734	0.0789	1.30E-3	3.32E-4	1.29E-4
	CC13	0.2480	-1.1907	-0.3414	-1.26E-3	-2.42E-4	-1.22E-4
	CC14	0.0144	-1.6052	-0.3808	-1.67E-3	-1.13E-4	1.06E-4
	CC15	-0.1858	-1.5904	-0.2833	-8.31E-4	1.07E-4	1.60E-4
	CC16	-0.4194	-2.0049	-0.3227	-1.24E-3	2.36E-4	3.88E-4
<b>190</b>	CC1	0.6040	1.1970	-0.1489	7.15E-4	-4.67E-4	-5.42E-4
	CC2	0.5781	1.0717	-0.1638	6.41E-4	-4.67E-4	-4.73E-4
	CC3	0.6058	0.2435	-0.2585	1.42E-4	-5.07E-4	-4.64E-4
	CC4	0.5799	0.1183	-0.2734	6.74E-5	-5.06E-4	-3.95E-4
	CC5	-0.5840	-0.1352	0.0439	-1.16E-4	5.35E-4	3.98E-4
	CC6	-0.6099	-0.2604	0.0290	-1.90E-4	5.36E-4	4.67E-4
	CC7	-0.5823	-1.0887	-0.0658	-6.90E-4	4.95E-4	4.75E-4
	CC8	-0.6082	-1.2139	-0.0807	-7.64E-4	4.96E-4	5.44E-4
	CC9	0.2161	1.9877	0.0637	1.18E-3	-7.10E-5	-3.83E-4
	CC10	0.1304	1.5732	0.0144	9.33E-4	-6.92E-5	-1.55E-4
	CC11	-0.1403	1.5881	0.1215	9.30E-4	2.30E-4	-1.01E-4
	CC12	-0.2260	1.1736	0.0723	6.84E-4	2.31E-4	1.27E-4
	CC13	0.2219	-1.1906	-0.3018	-7.32E-4	-2.03E-4	-1.24E-4
	CC14	0.1361	-1.6050	-0.3510	-9.79E-4	-2.01E-4	1.04E-4
	CC15	-0.1345	-1.5902	-0.2440	-9.82E-4	9.80E-5	1.58E-4
	CC16	-0.2203	-2.0047	-0.2932	-1.23E-3	9.98E-5	3.86E-4
<b>191</b>	CC1	0.5402	1.1970	-0.2312	7.31E-4	-4.35E-4	-5.38E-4
	CC2	0.5339	1.0718	-0.2199	6.57E-4	-4.34E-4	-4.69E-4
	CC3	0.5640	0.2435	-0.1452	1.49E-4	-3.89E-4	-4.60E-4
	CC4	0.5576	0.1183	-0.1339	7.56E-5	-3.88E-4	-3.91E-4
	CC5	-0.5606	-0.1352	-0.0889	-7.71E-5	4.24E-4	4.02E-4
	CC6	-0.5669	-0.2604	-0.0775	-1.50E-4	4.25E-4	4.71E-4
	CC7	-0.5368	-1.0886	-0.0029	-6.59E-4	4.70E-4	4.80E-4
	CC8	-0.5431	-1.2139	0.0085	-7.32E-4	4.71E-4	5.49E-4
	CC9	0.1346	1.9878	-0.2948	1.21E-3	-1.89E-4	-3.79E-4
	CC10	0.1136	1.5733	-0.2574	9.69E-4	-1.85E-4	-1.51E-4
	CC11	-0.1957	1.5881	-0.2521	9.69E-4	6.90E-5	-9.71E-5



	CC12	-0.2166	1.1736	-0.2146	7.26E-4	7.24E-5	1.31E-4
	CC13	0.2137	-1.1905	-0.0081	-7.28E-4	-3.62E-5	-1.20E-4
	CC14	0.1928	-1.6050	0.0294	-9.70E-4	-3.28E-5	1.08E-4
	CC15	-0.1165	-1.5901	0.0346	-9.70E-4	2.21E-4	1.62E-4
	CC16	-0.1375	-2.0046	0.0721	-1.21E-3	2.25E-4	3.90E-4
192	CC1	0.4828	1.1970	-0.2670	9.43E-5	-3.77E-4	-5.26E-4
	CC2	0.5001	1.0718	-0.2552	9.64E-5	-3.94E-4	-4.57E-4
	CC3	0.5332	0.2435	-0.1592	4.32E-5	-3.96E-4	-4.48E-4
	CC4	0.5504	0.1183	-0.1474	4.53E-5	-4.13E-4	-3.80E-4
	CC5	-0.5422	-0.1352	-0.0809	-5.55E-5	4.31E-4	4.13E-4
	CC6	-0.5249	-0.2604	-0.0691	-5.35E-5	4.14E-4	4.82E-4
	CC7	-0.4918	-1.0887	0.0269	-1.07E-4	4.12E-4	4.91E-4
	CC8	-0.4745	-1.2139	0.0387	-1.05E-4	3.94E-4	5.60E-4
	CC9	0.0454	1.9878	-0.3412	9.91E-5	-5.14E-5	-3.68E-4
	CC10	0.1025	1.5733	-0.3022	1.06E-4	-1.08E-4	-1.40E-4
	CC11	-0.2621	1.5881	-0.2854	5.42E-5	1.91E-4	-8.57E-5
	CC12	-0.2049	1.1736	-0.2463	6.10E-5	1.34E-4	1.42E-4
	CC13	0.2132	-1.1905	0.0180	-7.12E-5	-1.17E-4	-1.08E-4
	CC14	0.2704	-1.6050	0.0571	-6.44E-5	-1.73E-4	1.20E-4
	CC15	-0.0943	-1.5901	0.0739	-1.16E-4	1.26E-4	1.73E-4
	CC16	-0.0371	-2.0046	0.1129	-1.09E-4	6.91E-5	4.01E-4
193	CC1	0.4881	0.1429	-0.0298	1.40E-4	-6.22E-4	-5.32E-4
	CC2	0.5040	0.1500	-0.0269	1.53E-4	-6.44E-4	-4.63E-4
	CC3	0.5369	-0.6612	0.1119	-7.20E-4	-5.71E-4	-4.54E-4
	CC4	0.5528	-0.6542	0.1148	-7.06E-4	-5.93E-4	-3.85E-4
	CC5	-0.5403	0.6157	-0.2937	6.50E-4	5.60E-4	4.08E-4
	CC6	-0.5244	0.6228	-0.2908	6.64E-4	5.38E-4	4.77E-4
	CC7	-0.4915	-0.1885	-0.1520	-2.09E-4	6.11E-4	4.85E-4
	CC8	-0.4756	-0.1814	-0.1491	-1.96E-4	5.89E-4	5.54E-4
	CC9	0.0529	1.2384	-0.2908	1.31E-3	-2.43E-4	-3.73E-4
	CC10	0.1055	1.2618	-0.2813	1.35E-3	-3.16E-4	-1.45E-4
	CC11	-0.2556	1.3802	-0.3700	1.46E-3	1.12E-4	-9.14E-5
	CC12	-0.2030	1.4036	-0.3605	1.50E-3	3.90E-5	1.37E-4
	CC13	0.2156	-1.4421	0.1815	-1.56E-3	-7.18E-5	-1.14E-4
	CC14	0.2682	-1.4187	0.1910	-1.51E-3	-1.45E-4	1.14E-4
	CC15	-0.0929	-1.3003	0.1024	-1.41E-3	2.83E-4	1.68E-4
	CC16	-0.0403	-1.2769	0.1119	-1.36E-3	2.10E-4	3.96E-4
194	CC1	0.4875	0.3336	-0.0570	5.45E-6	-4.41E-4	-5.37E-4
	CC2	0.5034	0.3164	-0.0534	-4.16E-6	-4.50E-4	-4.69E-4
	CC3	0.5363	-0.4980	-0.0014	-4.89E-4	-1.39E-4	-4.60E-4
	CC4	0.5522	-0.5152	0.0022	-4.99E-4	-1.49E-4	-3.91E-4
	CC5	-0.5409	0.4747	-0.1895	3.02E-4	1.01E-6	4.02E-4
	CC6	-0.5250	0.4574	-0.1859	2.92E-4	-8.12E-6	4.71E-4
	CC7	-0.4921	-0.3569	-0.1339	-1.93E-4	3.02E-4	4.80E-4
	CC8	-0.4762	-0.3742	-0.1303	-2.03E-4	2.93E-4	5.49E-4
	CC9	0.0522	1.3732	-0.1724	6.98E-4	-6.27E-4	-3.79E-4
	CC10	0.1048	1.3160	-0.1605	6.66E-4	-6.57E-4	-1.51E-4
	CC11	-0.2563	1.4155	-0.2121	7.87E-4	-4.94E-4	-9.70E-5
	CC12	-0.2037	1.3583	-0.2002	7.55E-4	-5.24E-4	1.31E-4
	CC13	0.2149	-1.3989	0.0129	-9.52E-4	3.77E-4	-1.20E-4
	CC14	0.2675	-1.4560	0.0248	-9.84E-4	3.47E-4	1.08E-4
	CC15	-0.0936	-1.3566	-0.0268	-8.63E-4	5.09E-4	1.62E-4
	CC16	-0.0410	-1.4137	-0.0149	-8.95E-4	4.79E-4	3.90E-4
195	CC1	0.5524	-1.1378	0.0990	-1.18E-3	-5.57E-4	-5.40E-4
	CC2	0.5447	-0.9676	0.0708	-9.97E-4	-5.51E-4	-4.71E-4
	CC3	0.5746	-1.7579	0.2046	-1.89E-3	-5.78E-4	-4.62E-4
	CC4	0.5669	-1.5877	0.1765	-1.71E-3	-5.72E-4	-3.93E-4
	CC5	-0.5538	1.5606	-0.3505	1.67E-3	5.38E-4	4.00E-4
	CC6	-0.5615	1.7308	-0.3786	1.85E-3	5.43E-4	4.68E-4
	CC7	-0.5317	0.9406	-0.2449	9.61E-4	5.16E-4	4.77E-4
	CC8	-0.5393	1.1108	-0.2730	1.14E-3	5.22E-4	5.46E-4
	CC9	0.1482	0.3334	-0.1490	4.35E-4	-1.56E-4	-3.81E-4
	CC10	0.1227	0.8968	-0.2422	1.04E-3	-1.37E-4	-1.53E-4
	CC11	-0.1837	1.1429	-0.2839	1.29E-3	1.73E-4	-9.96E-5
	CC12	-0.2091	1.7063	-0.3771	1.89E-3	1.92E-4	1.28E-4
	CC13	0.2222	-1.7334	0.2030	-1.93E-3	-2.26E-4	-1.22E-4
	CC14	0.1967	-1.1700	0.1099	-1.33E-3	-2.07E-4	1.06E-4
	CC15	-0.1097	-0.9238	0.0682	-1.07E-3	1.02E-4	1.60E-4
	CC16	-0.1352	-0.3604	-0.0250	-4.71E-4	1.21E-4	3.88E-4
196	CC1	0.6196	-1.1379	0.1097	-1.16E-3	-6.44E-4	-5.42E-4
	CC2	0.5921	-0.9677	0.1294	-9.80E-4	-6.18E-4	-4.73E-4
	CC3	0.6207	-1.7579	0.0213	-1.85E-3	-6.58E-4	-4.64E-4

	CC4	0.5932	-1.5877	0.0410	-1.67E-3	-6.31E-4	-3.95E-4
	CC5	-0.5765	1.5605	-0.2255	1.63E-3	5.79E-4	3.98E-4
	CC6	-0.6040	1.7307	-0.2058	1.81E-3	6.06E-4	4.66E-4
	CC7	-0.5754	0.9405	-0.3138	9.40E-4	5.66E-4	4.75E-4
	CC8	-0.6030	1.1107	-0.2941	1.12E-3	5.92E-4	5.44E-4
	CC9	0.2315	0.3333	0.0727	4.22E-4	-2.31E-4	-3.83E-4
	CC10	0.1404	0.8967	0.1379	1.01E-3	-1.43E-4	-1.55E-4
	CC11	-0.1273	1.1428	-0.0279	1.26E-3	1.36E-4	-1.02E-4
	CC12	-0.2184	1.7062	0.0374	1.85E-3	2.25E-4	1.26E-4
	CC13	0.2351	-1.7334	-0.2218	-1.89E-3	-2.77E-4	-1.24E-4
	CC14	0.1440	-1.1700	-0.1566	-1.30E-3	-1.88E-4	1.04E-4
	CC15	-0.1237	-0.9239	-0.3224	-1.05E-3	9.04E-5	1.58E-4
	CC16	-0.2149	-0.3605	-0.2571	-4.62E-4	1.79E-4	3.86E-4
197	CC1	0.5442	1.3002	-0.3322	1.28E-3	-5.77E-4	-5.45E-4
	CC2	0.5365	1.1619	-0.3173	1.15E-3	-5.56E-4	-4.76E-4
	CC3	0.5664	0.3319	-0.2382	3.06E-4	-4.93E-4	-4.67E-4
	CC4	0.5587	0.1936	-0.2232	1.76E-4	-4.72E-4	-3.98E-4
	CC5	-0.5620	-0.2107	0.0072	-1.94E-4	5.00E-4	3.95E-4
	CC6	-0.5697	-0.3490	0.0221	-3.23E-4	5.22E-4	4.64E-4
	CC7	-0.5399	-1.1789	0.1012	-1.17E-3	5.84E-4	4.73E-4
	CC8	-0.5476	-1.3172	0.1162	-1.30E-3	6.05E-4	5.42E-4
	CC9	0.1400	2.0608	-0.3404	2.05E-3	-3.22E-4	-3.86E-4
	CC10	0.1145	1.6029	-0.2910	1.62E-3	-2.51E-4	-1.58E-4
	CC11	-0.1919	1.6075	-0.2386	1.61E-3	1.14E-6	-1.04E-4
	CC12	-0.2173	1.1497	-0.1891	1.18E-3	7.17E-5	1.24E-4
	CC13	0.2140	-1.1668	-0.0269	-1.20E-3	-4.35E-5	-1.27E-4
	CC14	0.1885	-1.6246	0.0225	-1.63E-3	2.70E-5	1.01E-4
	CC15	-0.1179	-1.6200	0.0749	-1.64E-3	2.80E-4	1.55E-4
	CC16	-0.1434	-2.0779	0.1243	-2.07E-3	3.50E-4	3.83E-4
198	CC1	0.6082	1.2891	-0.1614	1.30E-3	-5.21E-4	-5.40E-4
	CC2	0.5809	1.1521	-0.1791	1.17E-3	-5.13E-4	-4.71E-4
	CC3	0.6090	0.3223	-0.3182	3.12E-4	-6.14E-4	-4.62E-4
	CC4	0.5817	0.1854	-0.3358	1.81E-4	-6.05E-4	-3.93E-4
	CC5	-0.5867	-0.2030	0.1132	-2.06E-4	6.37E-4	4.00E-4
	CC6	-0.6140	-0.3399	0.0955	-3.38E-4	6.46E-4	4.69E-4
	CC7	-0.5859	-1.1697	-0.0436	-1.19E-3	5.45E-4	4.78E-4
	CC8	-0.6131	-1.3066	-0.0613	-1.32E-3	5.53E-4	5.47E-4
	CC9	0.2205	2.0528	0.1380	2.07E-3	-1.75E-5	-3.81E-4
	CC10	0.1302	1.5996	0.0795	1.64E-3	1.07E-5	-1.53E-4
	CC11	-0.1380	1.6052	0.2204	1.62E-3	3.30E-4	-9.91E-5
	CC12	-0.2283	1.1520	0.1619	1.19E-3	3.58E-4	1.29E-4
	CC13	0.2233	-1.1695	-0.3845	-1.21E-3	-3.26E-4	-1.22E-4
	CC14	0.1330	-1.6228	-0.4430	-1.65E-3	-2.98E-4	1.06E-4
	CC15	-0.1351	-1.6171	-0.3022	-1.66E-3	2.13E-5	1.60E-4
	CC16	-0.2255	-2.0704	-0.3606	-2.10E-3	4.95E-5	3.88E-4
199	CC1	0.5779	1.2906	-0.2229	1.16E-3	-5.29E-4	-5.38E-4
	CC2	0.5596	1.1535	-0.2255	1.04E-3	-5.12E-4	-4.70E-4
	CC3	0.5882	0.3237	-0.2652	2.50E-4	-5.44E-4	-4.61E-4
	CC4	0.5699	0.1866	-0.2678	1.35E-4	-5.27E-4	-3.92E-4
	CC5	-0.5737	-0.2039	0.0486	-1.36E-4	5.51E-4	4.01E-4
	CC6	-0.5919	-0.3411	0.0460	-2.51E-4	5.68E-4	4.70E-4
	CC7	-0.5634	-1.1709	0.0063	-1.04E-3	5.36E-4	4.79E-4
	CC8	-0.5816	-1.3080	0.0037	-1.16E-3	5.54E-4	5.48E-4
	CC9	0.1838	2.0540	-0.0755	1.89E-3	-1.54E-4	-3.80E-4
	CC10	0.1235	1.6001	-0.0840	1.51E-3	-9.62E-5	-1.52E-4
	CC11	-0.1616	1.6056	0.0060	1.51E-3	1.70E-4	-9.79E-5
	CC12	-0.2220	1.1517	-0.0026	1.13E-3	2.28E-4	1.30E-4
	CC13	0.2182	-1.1691	-0.2166	-1.13E-3	-2.04E-4	-1.21E-4
	CC14	0.1579	-1.6230	-0.2252	-1.51E-3	-1.46E-4	1.07E-4
	CC15	-0.1273	-1.6174	-0.1352	-1.51E-3	1.20E-4	1.61E-4
	CC16	-0.1876	-2.0713	-0.1437	-1.89E-3	1.79E-4	3.89E-4
200	CC1	0.5556	1.2907	-0.2898	1.01E-3	-5.26E-4	-5.43E-4
	CC2	0.5443	1.1536	-0.2813	9.14E-4	-5.14E-4	-4.74E-4
	CC3	0.5737	0.3238	-0.2422	1.79E-4	-5.07E-4	-4.65E-4
	CC4	0.5623	0.1867	-0.2337	7.84E-5	-4.95E-4	-3.96E-4
	CC5	-0.5657	-0.2039	0.0165	-1.03E-4	5.23E-4	3.96E-4
	CC6	-0.5770	-0.3410	0.0251	-2.04E-4	5.35E-4	4.65E-4
	CC7	-0.5476	-1.1708	0.0642	-9.39E-4	5.41E-4	4.74E-4
	CC8	-0.5589	-1.3079	0.0727	-1.04E-3	5.53E-4	5.43E-4
	CC9	0.1552	2.0541	-0.2480	1.71E-3	-1.94E-4	-3.84E-4
	CC10	0.1176	1.6002	-0.2198	1.38E-3	-1.55E-4	-1.57E-4
	CC11	-0.1812	1.6057	-0.1561	1.38E-3	1.20E-4	-1.03E-4

	CC12	-0.2187	1.1518	-0.1278	1.04E-3	1.60E-4	1.25E-4
	CC13	0.2154	-1.1690	-0.0893	-1.07E-3	-1.32E-4	-1.25E-4
	CC14	0.1779	-1.6229	-0.0610	-1.40E-3	-9.27E-5	1.03E-4
	CC15	-0.1210	-1.6174	0.0026	-1.40E-3	1.82E-4	1.57E-4
	CC16	-0.1585	-2.0713	0.0309	-1.74E-3	2.22E-4	3.85E-4
201	CC1	0.8093	0.5887	-0.1105	1.71E-3	-5.87E-4	-5.98E-4
	CC2	0.7371	0.5529	-0.1100	1.88E-3	-5.56E-4	-5.14E-4
	CC3	0.7602	-0.3145	-0.1484	9.64E-4	-6.26E-4	-5.10E-4
	CC4	0.6880	-0.3502	-0.1479	1.14E-3	-5.94E-4	-4.26E-4
	CC5	-0.6906	0.3161	-0.1481	-8.91E-4	5.05E-4	4.29E-4
	CC6	-0.7628	0.2804	-0.1475	-7.19E-4	5.37E-4	5.13E-4
	CC7	-0.7397	-0.5871	-0.1860	-1.64E-3	4.67E-4	5.17E-4
	CC8	-0.8119	-0.6228	-0.1854	-1.46E-3	4.99E-4	6.01E-4
	CC9	0.4251	1.5882	-0.0801	1.47E-3	-1.97E-4	-4.38E-4
	CC10	0.1860	1.4700	-0.0782	2.04E-3	-9.12E-5	-1.60E-4
	CC11	-0.0249	1.5064	-0.0913	6.89E-4	1.31E-4	-1.30E-4
	CC12	-0.2640	1.3882	-0.0895	1.26E-3	2.37E-4	1.48E-4
	CC13	0.2614	-1.4223	-0.2064	-1.01E-3	-3.26E-4	-1.45E-4
	CC14	0.0223	-1.5405	-0.2046	-4.44E-4	-2.20E-4	1.33E-4
	CC15	-0.1886	-1.5041	-0.2177	-1.79E-3	2.34E-6	1.63E-4
	CC16	-0.4277	-1.6223	-0.2158	-1.22E-3	1.08E-4	4.41E-4
202	CC1	0.6779	0.5853	-0.1968	1.83E-4	-3.63E-4	-6.08E-4
	CC2	0.6598	0.5496	-0.1961	2.07E-4	-3.95E-4	-5.24E-4
	CC3	0.6890	-0.3178	-0.2168	8.13E-5	-4.03E-4	-5.20E-4
	CC4	0.6709	-0.3535	-0.2161	1.06E-4	-4.35E-4	-4.36E-4
	CC5	-0.6648	0.3128	-0.0787	-1.65E-4	4.17E-4	4.19E-4
	CC6	-0.6829	0.2770	-0.0780	-1.40E-4	3.85E-4	5.03E-4
	CC7	-0.6536	-0.5904	-0.0987	-2.66E-4	3.77E-4	5.07E-4
	CC8	-0.6718	-0.6261	-0.0980	-2.42E-4	3.45E-4	5.91E-4
	CC9	0.2159	1.5849	-0.1330	1.51E-4	-6.11E-6	-4.48E-4
	CC10	0.1560	1.4666	-0.1307	2.33E-4	-1.12E-4	-1.71E-4
	CC11	-0.1869	1.5031	-0.0976	4.71E-5	2.28E-4	-1.40E-4
	CC12	-0.2468	1.3849	-0.0952	1.28E-4	1.22E-4	1.38E-4
	CC13	0.2530	-1.4256	-0.1996	-1.87E-4	-1.40E-4	-1.55E-4
	CC14	0.1930	-1.5439	-0.1973	-1.06E-4	-2.46E-4	1.23E-4
	CC15	-0.1498	-1.5074	-0.1642	-2.91E-4	9.38E-5	1.53E-4
	CC16	-0.2098	-1.6256	-0.1618	-2.10E-4	-1.22E-5	4.31E-4
203	CC1	0.6337	0.5800	-0.1627	3.93E-5	-1.53E-4	-6.04E-4
	CC2	0.6398	0.5443	-0.1638	3.99E-5	-1.75E-4	-5.20E-4
	CC3	0.6692	-0.3231	-0.1722	-6.77E-5	-1.68E-4	-5.16E-4
	CC4	0.6753	-0.3589	-0.1733	-6.71E-5	-1.90E-4	-4.32E-4
	CC5	-0.6720	0.3074	-0.0841	-6.67E-5	9.26E-5	4.23E-4
	CC6	-0.6659	0.2717	-0.0853	-6.61E-5	7.06E-5	5.07E-4
	CC7	-0.6365	-0.5957	-0.0936	-1.74E-4	7.73E-5	5.11E-4
	CC8	-0.6305	-0.6314	-0.0948	-1.73E-4	5.52E-5	5.95E-4
	CC9	0.1283	1.5796	-0.1228	1.26E-4	-2.36E-5	-4.44E-4
	CC10	0.1484	1.4613	-0.1266	1.28E-4	-9.65E-5	-1.66E-4
	CC11	-0.2634	1.4978	-0.0992	9.45E-5	5.01E-5	-1.36E-4
	CC12	-0.2433	1.3795	-0.1030	9.65E-5	-2.28E-5	1.42E-4
	CC13	0.2466	-1.4310	-0.1544	-2.30E-4	-7.49E-5	-1.51E-4
	CC14	0.2667	-1.5492	-0.1582	-2.28E-4	-1.48E-4	1.27E-4
	CC15	-0.1451	-1.5127	-0.1308	-2.62E-4	-1.20E-6	1.57E-4
	CC16	-0.1250	-1.6310	-0.1346	-2.60E-4	-7.41E-5	4.35E-4
204	CC1	0.6053	0.5498	-0.1976	1.32E-4	-1.62E-4	-5.96E-4
	CC2	0.6401	0.5176	-0.1977	1.38E-4	-1.98E-4	-5.12E-4
	CC3	0.6708	-0.3500	-0.1499	-1.37E-5	-1.92E-4	-5.08E-4
	CC4	0.7056	-0.3822	-0.1501	-8.04E-6	-2.29E-4	-4.24E-4
	CC5	-0.6849	0.3164	-0.0529	-1.49E-4	1.68E-4	4.31E-4
	CC6	-0.6501	0.2842	-0.0531	-1.44E-4	1.32E-4	5.15E-4
	CC7	-0.6194	-0.5834	-0.0053	-2.95E-4	1.38E-4	5.19E-4
	CC8	-0.5846	-0.6156	-0.0054	-2.89E-4	1.02E-4	6.03E-4
	CC9	0.0372	1.5550	-0.2024	1.97E-4	3.13E-5	-4.36E-4
	CC10	0.1525	1.4485	-0.2029	2.16E-4	-8.80E-5	-1.58E-4
	CC11	-0.3499	1.4850	-0.1590	1.13E-4	1.30E-4	-1.28E-4
	CC12	-0.2346	1.3785	-0.1595	1.32E-4	1.10E-5	1.50E-4
	CC13	0.2553	-1.4443	-0.0435	-2.89E-4	-7.12E-5	-1.43E-4
	CC14	0.3706	-1.5508	-0.0440	-2.70E-4	-1.91E-4	1.35E-4
	CC15	-0.1318	-1.5143	-0.0001	-3.73E-4	2.78E-5	1.66E-4
	CC16	-0.0165	-1.6208	-0.0006	-3.55E-4	-9.15E-5	4.43E-4
205	CC1	0.8080	0.8025	-0.0853	1.32E-3	-4.34E-4	-6.12E-4
	CC2	0.7358	0.7355	-0.0876	1.40E-3	-4.11E-4	-5.28E-4
	CC3	0.7589	-0.1303	-0.1467	4.88E-4	-4.75E-4	-5.24E-4

	CC4	0.6867	-0.1973	-0.1490	5.68E-4	-4.52E-4	-4.40E-4
	CC5	-0.6919	0.1704	-0.1610	-3.18E-4	4.23E-4	4.15E-4
	CC6	-0.7641	0.1034	-0.1633	-2.38E-4	4.46E-4	4.99E-4
	CC7	-0.7410	-0.7624	-0.2224	-1.15E-3	3.83E-4	5.03E-4
	CC8	-0.8132	-0.8294	-0.2247	-1.07E-3	4.06E-4	5.87E-4
	CC9	0.4238	1.7469	-0.0376	1.63E-3	-1.14E-4	-4.52E-4
	CC10	0.1846	1.5250	-0.0451	1.89E-3	-3.79E-5	-1.74E-4
	CC11	-0.0262	1.5573	-0.0603	1.13E-3	1.44E-4	-1.44E-4
	CC12	-0.2653	1.3354	-0.0678	1.40E-3	2.19E-4	1.34E-4
	CC13	0.2601	-1.3623	-0.2421	-1.15E-3	-2.48E-4	-1.59E-4
	CC14	0.0210	-1.5842	-0.2497	-8.84E-4	-1.72E-4	1.19E-4
	CC15	-0.1899	-1.5520	-0.2648	-1.64E-3	9.75E-6	1.50E-4
	CC16	-0.4290	-1.7738	-0.2724	-1.38E-3	8.56E-5	4.27E-4
206	CC1	0.6758	0.8017	-0.1648	3.41E-6	-1.04E-4	-6.11E-4
	CC2	0.6576	0.7343	-0.1674	-5.04E-7	-1.28E-4	-5.27E-4
	CC3	0.6869	-0.1315	-0.1960	-6.22E-5	-1.29E-4	-5.23E-4
	CC4	0.6688	-0.1989	-0.1986	-6.61E-5	-1.53E-4	-4.39E-4
	CC5	-0.6669	0.1647	-0.1018	-5.87E-5	1.25E-4	4.16E-4
	CC6	-0.6850	0.0973	-0.1044	-6.26E-5	1.01E-4	5.00E-4
	CC7	-0.6558	-0.7685	-0.1329	-1.24E-4	1.00E-4	5.04E-4
	CC8	-0.6739	-0.8359	-0.1355	-1.28E-4	7.58E-5	5.88E-4
	CC9	0.2138	1.7454	-0.1034	6.27E-5	3.41E-5	-4.51E-4
	CC10	0.1538	1.5221	-0.1120	4.97E-5	-4.61E-5	-1.73E-4
	CC11	-0.1890	1.5543	-0.0845	4.41E-5	1.03E-4	-1.43E-4
	CC12	-0.2490	1.3310	-0.0931	3.11E-5	2.26E-5	1.35E-4
	CC13	0.2508	-1.3652	-0.2073	-1.56E-4	-5.03E-5	-1.58E-4
	CC14	0.1909	-1.5885	-0.2159	-1.69E-4	-1.31E-4	1.20E-4
	CC15	-0.1520	-1.5563	-0.1883	-1.75E-4	1.83E-5	1.50E-4
	CC16	-0.2119	-1.7796	-0.1970	-1.87E-4	-6.19E-5	4.28E-4
207	CC1	0.6326	0.7952	-0.1716	-4.52E-5	-2.36E-5	-5.99E-4
	CC2	0.6387	0.7282	-0.1706	-5.13E-5	-3.39E-5	-5.15E-4
	CC3	0.6681	-0.1375	-0.1597	-1.60E-4	-3.98E-5	-5.11E-4
	CC4	0.6742	-0.2046	-0.1587	-1.66E-4	-5.01E-5	-4.27E-4
	CC5	-0.6731	0.1631	-0.1188	1.07E-4	8.14E-5	4.29E-4
	CC6	-0.6670	0.0961	-0.1179	1.01E-4	7.11E-5	5.12E-4
	CC7	-0.6376	-0.7696	-0.1069	-7.49E-6	6.51E-5	5.17E-4
	CC8	-0.6315	-0.8367	-0.1059	-1.36E-5	5.48E-5	6.00E-4
	CC9	0.1272	1.7397	-0.1681	1.49E-4	4.40E-5	-4.39E-4
	CC10	0.1473	1.5178	-0.1650	1.29E-4	9.95E-6	-1.61E-4
	CC11	-0.2645	1.5500	-0.1523	1.95E-4	7.55E-5	-1.31E-4
	CC12	-0.2444	1.3282	-0.1491	1.75E-4	4.14E-5	1.47E-4
	CC13	0.2455	-1.3696	-0.1284	-2.34E-4	-1.02E-5	-1.46E-4
	CC14	0.2656	-1.5915	-0.1252	-2.54E-4	-4.43E-5	1.32E-4
	CC15	-0.1462	-1.5592	-0.1126	-1.88E-4	2.13E-5	1.63E-4
	CC16	-0.1261	-1.7811	-0.1094	-2.08E-4	-1.28E-5	4.40E-4
208	CC1	0.6047	0.7893	-0.1157	4.04E-5	1.07E-4	-6.15E-4
	CC2	0.6395	0.7223	-0.1107	4.01E-5	1.22E-4	-5.31E-4
	CC3	0.6701	-0.1434	-0.0557	-8.11E-5	1.31E-4	-5.27E-4
	CC4	0.7049	-0.2105	-0.0508	-8.14E-5	1.47E-4	-4.43E-4
	CC5	-0.6855	0.1572	-0.1875	-6.65E-5	-2.01E-4	4.13E-4
	CC6	-0.6507	0.0902	-0.1825	-6.68E-5	-1.86E-4	4.97E-4
	CC7	-0.6201	-0.7756	-0.1275	-1.88E-4	-1.77E-4	5.01E-4
	CC8	-0.5853	-0.8426	-0.1226	-1.88E-4	-1.62E-4	5.85E-4
	CC9	0.0365	1.7338	-0.2165	1.45E-4	-4.62E-5	-4.55E-4
	CC10	0.1518	1.5119	-0.2000	1.44E-4	3.67E-6	-1.77E-4
	CC11	-0.3505	1.5441	-0.2380	1.13E-4	-1.39E-4	-1.46E-4
	CC12	-0.2353	1.3222	-0.2216	1.12E-4	-8.88E-5	1.31E-4
	CC13	0.2547	-1.3755	-0.0166	-2.60E-4	3.44E-5	-1.61E-4
	CC14	0.3699	-1.5974	-0.0002	-2.61E-4	8.42E-5	1.16E-4
	CC15	-0.1324	-1.5651	-0.0382	-2.92E-4	-5.81E-5	1.47E-4
	CC16	-0.0171	-1.7870	-0.0218	-2.93E-4	-8.26E-6	4.25E-4
209	CC1	0.8069	1.0144	-0.1702	1.04E-3	-3.98E-4	-6.00E-4
	CC2	0.7346	0.9173	-0.1740	1.01E-3	-3.78E-4	-5.16E-4
	CC3	0.7578	0.0531	-0.2336	3.40E-4	-4.43E-4	-5.12E-4
	CC4	0.6855	-0.0439	-0.2374	3.14E-4	-4.22E-4	-4.28E-4
	CC5	-0.6930	0.0319	-0.0871	5.03E-5	4.26E-4	4.27E-4
	CC6	-0.7652	-0.0652	-0.0910	2.41E-5	4.46E-4	5.11E-4
	CC7	-0.7421	-0.9293	-0.1505	-6.45E-4	3.81E-4	5.15E-4
	CC8	-0.8143	-1.0264	-0.1543	-6.71E-4	4.02E-4	5.99E-4
	CC9	0.4226	1.9041	-0.0628	1.53E-3	-8.14E-5	-4.40E-4
	CC10	0.1835	1.5827	-0.0755	1.45E-3	-1.33E-5	-1.62E-4
	CC11	-0.0273	1.6093	-0.0379	1.24E-3	1.66E-4	-1.32E-4

	CC12	-0.2664	1.2879	-0.0505	1.15E-3	2.34E-4	1.46E-4
	CC13	0.2590	-1.3000	-0.2740	-7.85E-4	-2.30E-4	-1.47E-4
	CC14	0.0199	-1.6214	-0.2867	-8.72E-4	-1.62E-4	1.31E-4
	CC15	-0.1910	-1.5947	-0.2491	-1.08E-3	1.69E-5	1.61E-4
	CC16	-0.4301	-1.9161	-0.2617	-1.17E-3	8.49E-5	4.39E-4
210	CC1	0.6735	1.0157	-0.1813	-9.42E-5	-7.89E-5	-5.97E-4
	CC2	0.6554	0.9182	-0.1854	-9.47E-5	-9.71E-5	-5.13E-4
	CC3	0.6846	0.0541	-0.2137	-1.16E-4	-1.35E-4	-5.09E-4
	CC4	0.6665	-0.0434	-0.2178	-1.17E-4	-1.53E-4	-4.25E-4
	CC5	-0.6692	0.0286	-0.1102	-1.45E-4	1.60E-4	4.30E-4
	CC6	-0.6873	-0.0689	-0.1142	-1.45E-4	1.42E-4	5.14E-4
	CC7	-0.6581	-0.9330	-0.1426	-1.67E-4	1.04E-4	5.18E-4
	CC8	-0.6762	-1.0305	-0.1466	-1.67E-4	8.58E-5	6.02E-4
	CC9	0.2115	1.9047	-0.1140	-8.56E-5	9.07E-5	-4.37E-4
	CC10	0.1516	1.5820	-0.1273	-8.72E-5	3.05E-5	-1.59E-4
	CC11	-0.1913	1.6085	-0.0926	-1.01E-4	1.62E-4	-1.29E-4
	CC12	-0.2512	1.2858	-0.1060	-1.02E-4	1.02E-4	1.49E-4
	CC13	0.2486	-1.3006	-0.2220	-1.59E-4	-9.52E-5	-1.44E-4
	CC14	0.1886	-1.6233	-0.2353	-1.61E-4	-1.55E-4	1.34E-4
	CC15	-0.1543	-1.5968	-0.2006	-1.74E-4	-2.36E-5	1.64E-4
	CC16	-0.2142	-1.9195	-0.2140	-1.76E-4	-8.39E-5	4.42E-4
211	CC1	0.6316	0.9796	-0.1507	9.98E-5	-2.14E-4	-5.98E-4
	CC2	0.6377	0.8860	-0.1522	9.48E-5	-2.55E-4	-5.14E-4
	CC3	0.6671	0.0217	-0.1590	-6.76E-6	-2.46E-4	-5.10E-4
	CC4	0.6732	-0.0718	-0.1605	-1.18E-5	-2.88E-4	-4.26E-4
	CC5	-0.6741	0.0383	-0.0994	-8.82E-5	2.98E-4	4.30E-4
	CC6	-0.6680	-0.0552	-0.1010	-9.32E-5	2.56E-4	5.13E-4
	CC7	-0.6386	-0.9196	-0.1077	-1.95E-4	2.65E-4	5.17E-4
	CC8	-0.6325	-1.0131	-0.1093	-2.00E-4	2.24E-4	6.01E-4
	CC9	0.1262	1.8758	-0.1212	1.64E-4	5.00E-5	-4.38E-4
	CC10	0.1463	1.5660	-0.1264	1.47E-4	-8.62E-5	-1.60E-4
	CC11	-0.2655	1.5934	-0.1059	1.08E-4	2.04E-4	-1.30E-4
	CC12	-0.2454	1.2837	-0.1111	9.11E-5	6.73E-5	1.48E-4
	CC13	0.2445	-1.3172	-0.1489	-1.91E-4	-5.73E-5	-1.45E-4
	CC14	0.2646	-1.6269	-0.1541	-2.08E-4	-1.94E-4	1.33E-4
	CC15	-0.1472	-1.5996	-0.1335	-2.47E-4	9.62E-5	1.64E-4
	CC16	-0.1271	-1.9093	-0.1387	-2.64E-4	-4.00E-5	4.41E-4
212	CC1	0.6039	1.0002	-0.2516	1.71E-4	-2.52E-4	-6.11E-4
	CC2	0.6387	0.9031	-0.2497	1.63E-4	-2.64E-4	-5.27E-4
	CC3	0.6694	0.0389	-0.2026	5.02E-5	-2.07E-4	-5.23E-4
	CC4	0.7042	-0.0582	-0.2008	4.14E-5	-2.19E-4	-4.39E-4
	CC5	-0.6863	0.0173	-0.0411	-1.49E-4	2.30E-4	4.16E-4
	CC6	-0.6515	-0.0799	-0.0392	-1.58E-4	2.18E-4	5.00E-4
	CC7	-0.6208	-0.9440	0.0079	-2.70E-4	2.75E-4	5.04E-4
	CC8	-0.5860	-1.0411	0.0097	-2.79E-4	2.63E-4	5.88E-4
	CC9	0.0358	1.8898	-0.2371	2.11E-4	-1.21E-4	-4.51E-4
	CC10	0.1510	1.5683	-0.2310	1.82E-4	-1.61E-4	-1.73E-4
	CC11	-0.3513	1.5950	-0.1740	1.14E-4	2.36E-5	-1.43E-4
	CC12	-0.2360	1.2734	-0.1679	8.54E-5	-1.64E-5	1.35E-4
	CC13	0.2539	-1.3143	-0.0740	-1.93E-4	2.77E-5	-1.58E-4
	CC14	0.3692	-1.6359	-0.0679	-2.22E-4	-1.24E-5	1.20E-4
	CC15	-0.1332	-1.6092	-0.0108	-2.89E-4	1.72E-4	1.50E-4
	CC16	-0.0179	-1.9307	-0.0047	-3.18E-4	1.32E-4	4.28E-4
213	CC1	0.6307	1.1671	-0.1965	1.79E-4	-1.88E-4	-5.91E-4
	CC2	0.6368	1.0471	-0.1886	1.71E-4	-1.55E-4	-5.07E-4
	CC3	0.6662	0.1842	-0.1356	8.78E-5	-3.24E-5	-5.03E-4
	CC4	0.6723	0.0643	-0.1277	7.92E-5	6.47E-7	-4.19E-4
	CC5	-0.6750	-0.0884	-0.1158	-2.81E-6	1.20E-4	4.36E-4
	CC6	-0.6690	-0.2083	-0.1079	-1.14E-5	1.53E-4	5.20E-4
	CC7	-0.6395	-1.0712	-0.0549	-9.41E-5	2.75E-4	5.24E-4
	CC8	-0.6335	-1.1911	-0.0470	-1.03E-4	3.08E-4	6.08E-4
	CC9	0.1253	2.0128	-0.2484	2.32E-4	-2.99E-4	-4.31E-4
	CC10	0.1454	1.6158	-0.2222	2.04E-4	-1.90E-4	-1.53E-4
	CC11	-0.2664	1.6362	-0.2242	1.77E-4	-2.07E-4	-1.23E-4
	CC12	-0.2463	1.2392	-0.1980	1.49E-4	-9.77E-5	1.55E-4
	CC13	0.2436	-1.2633	-0.0454	-7.26E-5	2.18E-4	-1.38E-4
	CC14	0.2637	-1.6603	-0.0192	-1.01E-4	3.27E-4	1.40E-4
	CC15	-0.1481	-1.6399	-0.0212	-1.27E-4	3.10E-4	1.70E-4
	CC16	-0.1280	-2.0369	0.0050	-1.56E-4	4.19E-4	4.48E-4
214	CC1	0.6035	1.1673	-0.2631	1.10E-4	1.13E-4	-6.02E-4
	CC2	0.6383	1.0474	-0.2541	1.06E-4	1.38E-4	-5.18E-4
	CC3	0.6689	0.1844	-0.1743	2.48E-5	2.49E-4	-5.14E-4

	CC4	0.7038	0.0645	-0.1653	2.03E-5	2.74E-4	-4.30E-4
	CC5	-0.6867	-0.0882	-0.0808	-1.17E-4	-2.37E-4	4.25E-4
	CC6	-0.6519	-0.2081	-0.0718	-1.22E-4	-2.12E-4	5.09E-4
	CC7	-0.6213	-1.0710	0.0080	-2.03E-4	-1.01E-4	5.13E-4
	CC8	-0.5865	-1.1909	0.0170	-2.07E-4	-7.58E-5	5.97E-4
	CC9	0.0354	2.0130	-0.3133	1.36E-4	-1.97E-4	-4.42E-4
	CC10	0.1506	1.6161	-0.2835	1.21E-4	-1.14E-4	-1.64E-4
	CC11	-0.3517	1.6364	-0.2586	6.76E-5	-3.02E-4	-1.34E-4
	CC12	-0.2364	1.2394	-0.2288	5.27E-5	-2.18E-4	1.44E-4
	CC13	0.2535	-1.2631	-0.0172	-1.50E-4	2.56E-4	-1.49E-4
	CC14	0.3687	-1.6600	0.0126	-1.64E-4	3.39E-4	1.29E-4
	CC15	-0.1336	-1.6397	0.0374	-2.18E-4	1.51E-4	1.59E-4
	CC16	-0.0183	-2.0367	0.0673	-2.33E-4	2.34E-4	4.37E-4
<b>215</b>	CC1	0.8048	1.2673	-0.1624	-3.52E-4	-4.58E-4	-5.91E-4
	CC2	0.7325	1.1338	-0.1744	-4.76E-4	-4.29E-4	-5.07E-4
	CC3	0.7557	0.2716	-0.2832	-9.55E-4	-5.01E-4	-5.03E-4
	CC4	0.6834	0.1381	-0.2951	-1.08E-3	-4.72E-4	-4.19E-4
	CC5	-0.6951	-0.1522	0.0318	1.18E-3	5.94E-4	4.36E-4
	CC6	-0.7673	-0.2857	0.0199	1.05E-3	6.22E-4	5.20E-4
	CC7	-0.7442	-1.1479	-0.0889	5.73E-4	5.50E-4	5.24E-4
	CC8	-0.8164	-1.2814	-0.1009	4.50E-4	5.79E-4	6.08E-4
	CC9	0.4205	2.0863	0.0603	1.03E-3	-7.25E-5	-4.31E-4
	CC10	0.1814	1.6444	0.0207	6.19E-4	2.19E-5	-1.53E-4
	CC11	-0.0294	1.6605	0.1185	1.49E-3	2.43E-4	-1.23E-4
	CC12	-0.2685	1.2185	0.0790	1.08E-3	3.37E-4	1.55E-4
	CC13	0.2569	-1.2327	-0.3422	-9.80E-4	-2.16E-4	-1.38E-4
	CC14	0.0178	-1.6746	-0.3818	-1.39E-3	-1.22E-4	1.40E-4
	CC15	-0.1931	-1.6585	-0.2840	-5.22E-4	9.92E-5	1.70E-4
	CC16	-0.4322	-2.1005	-0.3235	-9.32E-4	1.94E-4	4.48E-4
<b>216</b>	CC1	0.6702	1.2623	-0.1488	2.57E-4	-1.83E-4	-5.87E-4
	CC2	0.6524	1.1288	-0.1618	2.28E-4	-2.30E-4	-5.03E-4
	CC3	0.6816	0.2666	-0.2456	4.56E-5	-2.34E-4	-4.99E-4
	CC4	0.6638	0.1331	-0.2586	1.58E-5	-2.80E-4	-4.15E-4
	CC5	-0.6719	-0.1572	0.0250	-8.41E-5	3.49E-4	4.40E-4
	CC6	-0.6897	-0.2907	0.0120	-1.14E-4	3.02E-4	5.24E-4
	CC7	-0.6605	-1.1529	-0.0718	-2.96E-4	2.98E-4	5.28E-4
	CC8	-0.6783	-1.2864	-0.0848	-3.26E-4	2.52E-4	6.12E-4
	CC9	0.2078	2.0814	0.0401	4.20E-4	1.15E-4	-4.27E-4
	CC10	0.1488	1.6394	-0.0030	3.21E-4	-3.73E-5	-1.49E-4
	CC11	-0.1949	1.6555	0.0922	3.17E-4	2.75E-4	-1.19E-4
	CC12	-0.2538	1.2136	0.0491	2.18E-4	1.22E-4	1.59E-4
	CC13	0.2457	-1.2376	-0.2827	-2.87E-4	-5.41E-5	-1.34E-4
	CC14	0.1868	-1.6796	-0.3258	-3.85E-4	-2.07E-4	1.44E-4
	CC15	-0.1569	-1.6635	-0.2306	-3.89E-4	1.06E-4	1.74E-4
	CC16	-0.2159	-2.1054	-0.2737	-4.88E-4	-4.72E-5	4.52E-4
<b>217</b>	CC1	0.6303	1.2613	-0.2173	4.67E-4	-2.15E-4	-5.86E-4
	CC2	0.6363	1.1278	-0.2084	4.17E-4	-2.60E-4	-5.02E-4
	CC3	0.6657	0.2656	-0.1468	1.27E-4	-2.67E-4	-4.98E-4
	CC4	0.6718	0.1321	-0.1379	7.69E-5	-3.12E-4	-4.14E-4
	CC5	-0.6755	-0.1582	-0.0877	-9.42E-5	3.33E-4	4.41E-4
	CC6	-0.6694	-0.2917	-0.0788	-1.44E-4	2.88E-4	5.25E-4
	CC7	-0.6400	-1.1539	-0.0173	-4.34E-4	2.81E-4	5.29E-4
	CC8	-0.6339	-1.2874	-0.0083	-4.84E-4	2.36E-4	6.13E-4
	CC9	0.1248	2.0803	-0.2645	7.24E-4	8.97E-5	-4.26E-4
	CC10	0.1449	1.6384	-0.2349	5.59E-4	-5.91E-5	-1.48E-4
	CC11	-0.2669	1.6545	-0.2257	5.56E-4	2.54E-4	-1.18E-4
	CC12	-0.2468	1.2125	-0.1960	3.90E-4	1.05E-4	1.60E-4
	CC13	0.2431	-1.2387	-0.0296	-4.08E-4	-8.41E-5	-1.33E-4
	CC14	0.2632	-1.6806	0.0000	-5.73E-4	-2.33E-4	1.45E-4
	CC15	-0.1486	-1.6645	0.0093	-5.76E-4	8.04E-5	1.75E-4
	CC16	-0.1285	-2.1065	0.0389	-7.42E-4	-6.84E-5	4.53E-4
<b>218</b>	CC1	0.6034	1.2622	-0.2675	4.52E-5	-1.03E-4	-5.83E-4
	CC2	0.6382	1.1287	-0.2561	4.64E-5	-1.13E-4	-4.99E-4
	CC3	0.6688	0.2665	-0.1620	1.30E-5	-4.24E-5	-4.95E-4
	CC4	0.7036	0.1330	-0.1506	1.42E-5	-5.22E-5	-4.11E-4
	CC5	-0.6869	-0.1573	-0.0831	-4.61E-5	1.15E-4	4.45E-4
	CC6	-0.6520	-0.2908	-0.0717	-4.49E-5	1.06E-4	5.28E-4
	CC7	-0.6214	-1.1530	0.0224	-7.83E-5	1.76E-4	5.32E-4
	CC8	-0.5866	-1.2865	0.0338	-7.72E-5	1.66E-4	6.16E-4
	CC9	0.0352	2.0813	-0.3392	4.95E-5	-8.62E-5	-4.23E-4
	CC10	0.1505	1.6393	-0.3015	5.34E-5	-1.19E-4	-1.45E-4
	CC11	-0.3519	1.6554	-0.2839	2.21E-5	-2.06E-5	-1.15E-4

	CC12	-0.2366	1.2134	-0.2461	2.59E-5	-5.31E-5	1.63E-4
	CC13	0.2533	-1.2377	0.0125	-5.79E-5	1.16E-4	-1.30E-4
	CC14	0.3686	-1.6797	0.0502	-5.40E-5	8.38E-5	1.48E-4
	CC15	-0.1337	-1.6636	0.0678	-8.53E-5	1.82E-4	1.79E-4
219	CC16	-0.0185	-2.1056	0.1055	-8.14E-5	1.49E-4	4.56E-4
	CC1	0.1684	-0.0236	-0.0123	-2.94E-5	9.11E-5	-1.37E-4
	CC2	0.1616	-0.0159	-0.0142	-4.29E-6	8.71E-5	-1.19E-4
	CC3	0.1660	-0.2022	-0.0236	-8.22E-4	8.75E-5	-1.22E-4
	CC4	0.1591	-0.1946	-0.0255	-7.96E-4	8.35E-5	-1.05E-4
	CC5	-0.1610	0.1898	-0.1783	7.59E-4	-7.05E-5	1.08E-4
	CC6	-0.1678	0.1975	-0.1803	7.84E-4	-7.46E-5	1.26E-4
	CC7	-0.1635	0.0112	-0.1896	-3.32E-5	-7.41E-5	1.22E-4
	CC8	-0.1703	0.0189	-0.1916	-8.10E-6	-7.82E-5	1.40E-4
	CC9	0.0639	0.2507	-0.0549	1.14E-3	4.35E-5	-8.83E-5
	CC10	0.0413	0.2761	-0.0615	1.22E-3	3.00E-5	-2.96E-5
	CC11	-0.0349	0.3147	-0.1048	1.38E-3	-5.04E-6	-1.49E-5
	CC12	-0.0575	0.3401	-0.1113	1.46E-3	-1.85E-5	4.38E-5
	CC13	0.0557	-0.3449	-0.0926	-1.50E-3	3.14E-5	-4.06E-5
	CC14	0.0331	-0.3194	-0.0991	-1.42E-3	1.80E-5	1.80E-5
	CC15	-0.0431	-0.2808	-0.1424	-1.26E-3	-1.71E-5	3.28E-5
	CC16	-0.0658	-0.2554	-0.1489	-1.18E-3	-3.05E-5	9.14E-5
220	CC1	0.0000	0.0000	-0.0410	0.00E+0	0.00E+0	5.51E-8
	CC2	0.0000	0.0000	-0.0415	0.00E+0	0.00E+0	4.84E-8
	CC3	0.0000	0.0000	-0.0506	0.00E+0	0.00E+0	3.04E-8
	CC4	0.0000	0.0000	-0.0512	0.00E+0	0.00E+0	2.37E-8
	CC5	0.0000	0.0000	-0.1372	0.00E+0	0.00E+0	-2.56E-8
	CC6	0.0000	0.0000	-0.1378	0.00E+0	0.00E+0	-3.23E-8
	CC7	0.0000	0.0000	-0.1469	0.00E+0	0.00E+0	-5.03E-8
	CC8	0.0000	0.0000	-0.1474	0.00E+0	0.00E+0	-5.70E-8
	CC9	0.0000	0.0000	-0.0628	0.00E+0	0.00E+0	6.34E-8
	CC10	0.0000	0.0000	-0.0645	0.00E+0	0.00E+0	4.13E-8
	CC11	0.0000	0.0000	-0.0917	0.00E+0	0.00E+0	3.92E-8
	CC12	0.0000	0.0000	-0.0934	0.00E+0	0.00E+0	1.71E-8
	CC13	0.0000	0.0000	-0.0950	0.00E+0	0.00E+0	-1.90E-8
	CC14	0.0000	0.0000	-0.0968	0.00E+0	0.00E+0	-4.11E-8
	CC15	0.0000	0.0000	-0.1239	0.00E+0	0.00E+0	-4.32E-8
	CC16	0.0000	0.0000	-0.1256	0.00E+0	0.00E+0	-6.54E-8
221	CC1	0.1685	-0.0072	0.0129	3.71E-5	4.24E-5	-1.37E-4
	CC2	0.1616	-0.0017	0.0098	5.40E-5	4.05E-5	-1.19E-4
	CC3	0.1660	-0.1876	0.0013	-7.69E-4	3.99E-5	-1.23E-4
	CC4	0.1592	-0.1820	-0.0018	-7.53E-4	3.80E-5	-1.05E-4
	CC5	-0.1610	0.1769	-0.2006	7.18E-4	-2.70E-5	1.08E-4
	CC6	-0.1678	0.1825	-0.2037	7.35E-4	-2.88E-5	1.25E-4
	CC7	-0.1634	-0.0034	-0.2122	-8.88E-5	-2.95E-5	1.22E-4
	CC8	-0.1703	0.0021	-0.2153	-7.20E-5	-3.13E-5	1.40E-4
	CC9	0.0639	0.2612	-0.0446	1.20E-3	2.32E-5	-8.85E-5
	CC10	0.0413	0.2797	-0.0549	1.25E-3	1.70E-5	-2.98E-5
	CC11	-0.0349	0.3165	-0.1087	1.40E-3	2.37E-6	-1.51E-5
	CC12	-0.0575	0.3349	-0.1190	1.46E-3	-3.77E-6	4.36E-5
	CC13	0.0557	-0.3400	-0.0834	-1.49E-3	1.48E-5	-4.08E-5
	CC14	0.0331	-0.3216	-0.0937	-1.44E-3	8.66E-6	1.78E-5
	CC15	-0.0431	-0.2847	-0.1475	-1.29E-3	-5.99E-6	3.26E-5
	CC16	-0.0657	-0.2663	-0.1578	-1.23E-3	-1.21E-5	9.12E-5
222	CC1	0.0000	0.0000	-0.0430	0.00E+0	0.00E+0	-3.30E-9
	CC2	0.0000	0.0000	-0.0434	0.00E+0	0.00E+0	-3.22E-9
	CC3	0.0000	0.0000	-0.0527	0.00E+0	0.00E+0	1.18E-8
	CC4	0.0000	0.0000	-0.0531	0.00E+0	0.00E+0	1.18E-8
	CC5	0.0000	0.0000	-0.1355	0.00E+0	0.00E+0	-1.17E-8
	CC6	0.0000	0.0000	-0.1359	0.00E+0	0.00E+0	-1.16E-8
	CC7	0.0000	0.0000	-0.1452	0.00E+0	0.00E+0	3.36E-9
	CC8	0.0000	0.0000	-0.1456	0.00E+0	0.00E+0	3.43E-9
	CC9	0.0000	0.0000	-0.0635	0.00E+0	0.00E+0	-2.39E-8
	CC10	0.0000	0.0000	-0.0650	0.00E+0	0.00E+0	-2.36E-8
	CC11	0.0000	0.0000	-0.0913	0.00E+0	0.00E+0	-2.64E-8
	CC12	0.0000	0.0000	-0.0927	0.00E+0	0.00E+0	-2.62E-8
	CC13	0.0000	0.0000	-0.0959	0.00E+0	0.00E+0	2.63E-8
	CC14	0.0000	0.0000	-0.0973	0.00E+0	0.00E+0	2.65E-8
	CC15	0.0000	0.0000	-0.1236	0.00E+0	0.00E+0	2.38E-8
	CC16	0.0000	0.0000	-0.1251	0.00E+0	0.00E+0	2.40E-8
223	CC1	0.1378	0.2053	-0.1840	5.50E-4	-2.40E-4	-1.39E-4
	CC2	0.1421	0.1840	-0.1805	4.96E-4	-2.48E-4	-1.21E-4
	CC3	0.1456	0.0033	-0.1336	-3.47E-5	-2.71E-4	-1.25E-4

	CC4	0.1499	-0.0180	-0.1300	-8.87E-5	-2.79E-4	-1.07E-4
	CC5	-0.1485	0.0150	-0.0843	4.53E-5	2.85E-4	1.05E-4
	CC6	-0.1441	-0.0063	-0.0808	-8.76E-6	2.78E-4	1.23E-4
	CC7	-0.1407	-0.1871	-0.0338	-5.39E-4	2.54E-4	1.20E-4
	CC8	-0.1363	-0.2083	-0.0303	-5.93E-4	2.46E-4	1.37E-4
	CC9	0.0235	0.3990	-0.2121	1.12E-3	-1.10E-5	-9.07E-5
	CC10	0.0379	0.3285	-0.2004	9.38E-4	-3.65E-5	-3.21E-5
	CC11	-0.0624	0.3419	-0.1822	9.66E-4	1.47E-4	-1.73E-5
	CC12	-0.0480	0.2714	-0.1705	7.87E-4	1.21E-4	4.13E-5
	CC13	0.0495	-0.2744	-0.0438	-8.30E-4	-1.15E-4	-4.30E-5
	CC14	0.0638	-0.3449	-0.0322	-1.01E-3	-1.40E-4	1.56E-5
	CC15	-0.0364	-0.3315	-0.0139	-9.82E-4	4.28E-5	3.04E-5
	CC16	-0.0220	-0.4020	-0.0023	-1.16E-3	1.73E-5	8.90E-5
224	CC1	0.0000	0.0000	-0.1592	0.00E+0	0.00E+0	-3.51E-8
	CC2	0.0000	0.0000	-0.1561	0.00E+0	0.00E+0	-3.13E-8
	CC3	0.0000	0.0000	-0.1171	0.00E+0	0.00E+0	-7.48E-9
	CC4	0.0000	0.0000	-0.1140	0.00E+0	0.00E+0	-3.71E-9
	CC5	0.0000	0.0000	-0.0815	0.00E+0	0.00E+0	2.95E-9
	CC6	0.0000	0.0000	-0.0783	0.00E+0	0.00E+0	6.71E-9
	CC7	0.0000	0.0000	-0.0393	0.00E+0	0.00E+0	3.05E-8
	CC8	0.0000	0.0000	-0.0362	0.00E+0	0.00E+0	3.43E-8
	CC9	0.0000	0.0000	-0.1847	0.00E+0	0.00E+0	-5.83E-8
	CC10	0.0000	0.0000	-0.1744	0.00E+0	0.00E+0	-4.58E-8
	CC11	0.0000	0.0000	-0.1614	0.00E+0	0.00E+0	-4.69E-8
	CC12	0.0000	0.0000	-0.1511	0.00E+0	0.00E+0	-3.44E-8
	CC13	0.0000	0.0000	-0.0444	0.00E+0	0.00E+0	3.37E-8
	CC14	0.0000	0.0000	-0.0341	0.00E+0	0.00E+0	4.61E-8
	CC15	0.0000	0.0000	-0.0210	0.00E+0	0.00E+0	4.51E-8
	CC16	0.0000	0.0000	-0.0107	0.00E+0	0.00E+0	5.75E-8
225	CC1	0.1377	0.1918	-0.1647	5.48E-4	-2.50E-4	-1.40E-4
	CC2	0.1420	0.1722	-0.1605	4.94E-4	-2.57E-4	-1.22E-4
	CC3	0.1455	-0.0088	-0.1115	-4.82E-5	-2.77E-4	-1.25E-4
	CC4	0.1498	-0.0283	-0.1073	-1.02E-4	-2.84E-4	-1.08E-4
	CC5	-0.1486	0.0251	-0.1065	5.69E-5	2.66E-4	1.05E-4
	CC6	-0.1443	0.0056	-0.1023	3.61E-6	2.59E-4	1.23E-4
	CC7	-0.1408	-0.1755	-0.0533	-5.39E-4	2.40E-4	1.19E-4
	CC8	-0.1365	-0.1950	-0.0491	-5.92E-4	2.33E-4	1.37E-4
	CC9	0.0234	0.3900	-0.2114	1.13E-3	-2.99E-5	-9.13E-5
	CC10	0.0377	0.3254	-0.1975	9.56E-4	-5.42E-5	-3.26E-5
	CC11	-0.0625	0.3400	-0.1939	9.86E-4	1.25E-4	-1.79E-5
	CC12	-0.0482	0.2754	-0.1800	8.09E-4	1.01E-4	4.08E-5
	CC13	0.0493	-0.2787	-0.0338	-8.54E-4	-1.18E-4	-4.36E-5
	CC14	0.0637	-0.3432	-0.0199	-1.03E-3	-1.43E-4	1.50E-5
	CC15	-0.0365	-0.3286	-0.0163	-1.00E-3	3.66E-5	2.98E-5
	CC16	-0.0222	-0.3932	-0.0024	-1.18E-3	1.24E-5	8.84E-5
226	CC1	0.0000	0.0000	-0.1540	0.00E+0	0.00E+0	1.63E-8
	CC2	0.0000	0.0000	-0.1508	0.00E+0	0.00E+0	1.52E-8
	CC3	0.0000	0.0000	-0.1115	0.00E+0	0.00E+0	-7.31E-9
	CC4	0.0000	0.0000	-0.1083	0.00E+0	0.00E+0	-8.50E-9
	CC5	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	9.22E-9
	CC6	0.0000	0.0000	-0.0836	0.00E+0	0.00E+0	8.03E-9
	CC7	0.0000	0.0000	-0.0444	0.00E+0	0.00E+0	-1.44E-8
	CC8	0.0000	0.0000	-0.0412	0.00E+0	0.00E+0	-1.56E-8
	CC9	0.0000	0.0000	-0.1838	0.00E+0	0.00E+0	4.28E-8
	CC10	0.0000	0.0000	-0.1731	0.00E+0	0.00E+0	3.89E-8
	CC11	0.0000	0.0000	-0.1636	0.00E+0	0.00E+0	4.07E-8
	CC12	0.0000	0.0000	-0.1530	0.00E+0	0.00E+0	3.67E-8
	CC13	0.0000	0.0000	-0.0422	0.00E+0	0.00E+0	-3.60E-8
	CC14	0.0000	0.0000	-0.0315	0.00E+0	0.00E+0	-4.00E-8
	CC15	0.0000	0.0000	-0.0221	0.00E+0	0.00E+0	-3.82E-8
	CC16	0.0000	0.0000	-0.0114	0.00E+0	0.00E+0	-4.21E-8
227	CC1	0.3965	-0.0045	0.0108	3.36E-5	4.82E-5	-3.44E-4
	CC2	0.3791	0.0110	0.0077	6.32E-5	4.65E-5	-3.00E-4
	CC3	0.3941	-0.4950	-0.0022	-9.76E-4	4.12E-5	-2.90E-4
	CC4	0.3767	-0.4796	-0.0053	-9.47E-4	3.95E-5	-2.46E-4
	CC5	-0.3764	0.4629	-0.2112	9.02E-4	-1.18E-5	2.52E-4
	CC6	-0.3938	0.4784	-0.2143	9.32E-4	-1.35E-5	2.96E-4
	CC7	-0.3789	-0.0276	-0.2242	-1.08E-4	-1.88E-5	3.06E-4
	CC8	-0.3963	-0.0122	-0.2273	-7.83E-5	-2.05E-5	3.50E-4
	CC9	0.1489	0.7136	-0.0482	1.48E-3	3.73E-5	-2.50E-4
	CC10	0.0913	0.7647	-0.0584	1.58E-3	3.17E-5	-1.05E-4
	CC11	-0.0830	0.8538	-0.1148	1.74E-3	1.93E-5	-7.13E-5



	CC12	-0.1406	0.9049	-0.1250	1.84E-3	1.37E-5	7.41E-5
	CC13	0.1409	-0.9216	-0.0915	-1.88E-3	1.40E-5	-6.79E-5
	CC14	0.0832	-0.8705	-0.1017	-1.79E-3	8.38E-6	7.75E-5
	CC15	-0.0910	-0.7814	-0.1581	-1.62E-3	-3.96E-6	1.11E-4
	CC16	-0.1487	-0.7303	-0.1683	-1.53E-3	-9.62E-6	2.56E-4
228	CC1	0.1684	-0.0250	-0.0128	-3.44E-5	1.79E-5	-1.37E-4
	CC2	0.1616	-0.0171	-0.0147	-8.65E-6	1.71E-5	-1.19E-4
	CC3	0.1660	-0.2035	-0.0241	-8.25E-4	1.41E-5	-1.22E-4
	CC4	0.1591	-0.1956	-0.0260	-8.00E-4	1.33E-5	-1.05E-4
	CC5	-0.1610	0.1909	-0.1780	7.62E-4	4.03E-7	1.08E-4
	CC6	-0.1678	0.1988	-0.1799	7.88E-4	-3.99E-7	1.26E-4
	CC7	-0.1635	0.0124	-0.1893	-2.90E-5	-3.34E-6	1.22E-4
	CC8	-0.1703	0.0203	-0.1912	-3.34E-6	-4.14E-6	1.40E-4
	CC9	0.0639	0.2498	-0.0552	1.14E-3	1.70E-5	-8.83E-5
	CC10	0.0413	0.2758	-0.0617	1.22E-3	1.44E-5	-2.96E-5
	CC11	-0.0349	0.3145	-0.1048	1.38E-3	1.18E-5	-1.49E-5
	CC12	-0.0576	0.3406	-0.1112	1.46E-3	9.15E-6	4.38E-5
	CC13	0.0557	-0.3453	-0.0928	-1.50E-3	4.58E-6	-4.06E-5
	CC14	0.0331	-0.3192	-0.0992	-1.41E-3	1.93E-6	1.80E-5
	CC15	-0.0431	-0.2805	-0.1424	-1.26E-3	-6.58E-7	3.28E-5
	CC16	-0.0658	-0.2545	-0.1488	-1.18E-3	-3.31E-6	9.14E-5
229	CC1	0.3964	0.0366	0.0320	1.14E-4	4.32E-5	-3.44E-4
	CC2	0.3790	0.0468	0.0280	1.35E-4	4.15E-5	-3.00E-4
	CC3	0.3940	-0.4605	0.0183	-9.26E-4	3.78E-5	-2.89E-4
	CC4	0.3766	-0.4503	0.0143	-9.06E-4	3.61E-5	-2.45E-4
	CC5	-0.3766	0.4328	-0.2269	8.61E-4	-9.13E-6	2.52E-4
	CC6	-0.3940	0.4430	-0.2309	8.82E-4	-1.08E-5	2.96E-4
	CC7	-0.3790	-0.0643	-0.2406	-1.79E-4	-1.46E-5	3.07E-4
	CC8	-0.3964	-0.0541	-0.2446	-1.59E-4	-1.63E-5	3.51E-4
	CC9	0.1488	0.7435	-0.0380	1.57E-3	3.32E-5	-2.50E-4
	CC10	0.0912	0.7772	-0.0512	1.63E-3	2.76E-5	-1.04E-4
	CC11	-0.0831	0.8624	-0.1157	1.79E-3	1.75E-5	-7.09E-5
	CC12	-0.1407	0.8961	-0.1289	1.86E-3	1.19E-5	7.45E-5
	CC13	0.1407	-0.9135	-0.0837	-1.90E-3	1.50E-5	-6.75E-5
	CC14	0.0831	-0.8799	-0.0970	-1.83E-3	9.49E-6	7.80E-5
	CC15	-0.0911	-0.7947	-0.1614	-1.68E-3	-6.68E-7	1.11E-4
	CC16	-0.1488	-0.7610	-0.1746	-1.61E-3	-6.21E-6	2.57E-4
230	CC1	0.1685	-0.0086	0.0122	3.17E-5	1.13E-4	-1.37E-4
	CC2	0.1616	-0.0028	0.0091	4.92E-5	1.08E-4	-1.19E-4
	CC3	0.1660	-0.1888	0.0006	-7.74E-4	1.10E-4	-1.23E-4
	CC4	0.1592	-0.1831	-0.0025	-7.56E-4	1.05E-4	-1.05E-4
	CC5	-0.1610	0.1780	-0.2000	7.21E-4	-9.33E-5	1.08E-4
	CC6	-0.1678	0.1838	-0.2031	7.39E-4	-9.83E-5	1.25E-4
	CC7	-0.1634	-0.0022	-0.2116	-8.43E-5	-9.63E-5	1.22E-4
	CC8	-0.1703	0.0035	-0.2147	-6.68E-5	-1.01E-4	1.40E-4
	CC9	0.0639	0.2604	-0.0450	1.19E-3	5.03E-5	-8.84E-5
	CC10	0.0413	0.2794	-0.0552	1.25E-3	3.38E-5	-2.98E-5
	CC11	-0.0349	0.3163	-0.1086	1.40E-3	-1.17E-5	-1.50E-5
	CC12	-0.0575	0.3353	-0.1188	1.46E-3	-2.82E-5	4.36E-5
	CC13	0.0557	-0.3404	-0.0837	-1.49E-3	4.02E-5	-4.08E-5
	CC14	0.0331	-0.3214	-0.0939	-1.43E-3	2.37E-5	1.78E-5
	CC15	-0.0431	-0.2844	-0.1473	-1.29E-3	-2.18E-5	3.26E-5
	CC16	-0.0657	-0.2654	-0.1575	-1.23E-3	-3.83E-5	9.12E-5
231	CC1	0.3810	0.7665	-0.1368	8.54E-4	-5.60E-4	-3.44E-4
	CC2	0.3677	0.6849	-0.1426	7.64E-4	-5.41E-4	-3.00E-4
	CC3	0.3876	0.1552	-0.1748	2.35E-4	-5.83E-4	-2.90E-4
	CC4	0.3743	0.0736	-0.1806	1.45E-4	-5.64E-4	-2.46E-4
	CC5	-0.3720	-0.0840	-0.0403	-1.67E-4	6.00E-4	2.52E-4
	CC6	-0.3853	-0.1656	-0.0461	-2.57E-4	6.20E-4	2.96E-4
	CC7	-0.3654	-0.6953	-0.0783	-7.86E-4	5.77E-4	3.06E-4
	CC8	-0.3787	-0.7769	-0.0841	-8.76E-4	5.97E-4	3.50E-4
	CC9	0.1251	1.2763	-0.0519	1.32E-3	-1.50E-4	-2.50E-4
	CC10	0.0811	1.0061	-0.0712	1.02E-3	-8.53E-5	-1.05E-4
	CC11	-0.1008	1.0212	-0.0229	1.02E-3	1.98E-4	-7.14E-5
	CC12	-0.1448	0.7510	-0.0423	7.18E-4	2.63E-4	7.40E-5
	CC13	0.1471	-0.7614	-0.1786	-7.40E-4	-2.27E-4	-6.80E-5
	CC14	0.1031	-1.0316	-0.1979	-1.04E-3	-1.62E-4	7.74E-5
	CC15	-0.0788	-1.0165	-0.1497	-1.05E-3	1.22E-4	1.11E-4
	CC16	-0.1228	-1.2867	-0.1690	-1.35E-3	1.86E-4	2.56E-4
232	CC1	0.1665	0.2817	-0.1291	6.75E-4	-5.27E-4	-1.38E-4
	CC2	0.1613	0.2505	-0.1340	6.02E-4	-5.09E-4	-1.20E-4
	CC3	0.1648	0.0717	-0.1625	1.80E-4	-5.36E-4	-1.23E-4

	CC4	0.1596	0.0404	-0.1674	1.07E-4	-5.17E-4	-1.06E-4
	CC5	-0.1550	-0.0439	-0.0428	-1.27E-4	5.34E-4	1.07E-4
	CC6	-0.1602	-0.0752	-0.0478	-2.00E-4	5.53E-4	1.25E-4
	CC7	-0.1566	-0.2540	-0.0762	-6.23E-4	5.25E-4	1.21E-4
	CC8	-0.1618	-0.2853	-0.0812	-6.95E-4	5.44E-4	1.39E-4
	CC9	0.0619	0.4489	-0.0542	1.06E-3	-1.67E-4	-8.93E-5
	CC10	0.0448	0.3455	-0.0706	8.15E-4	-1.05E-4	-3.06E-5
	CC11	-0.0345	0.3512	-0.0284	8.15E-4	1.51E-4	-1.59E-5
	CC12	-0.0517	0.2478	-0.0447	5.74E-4	2.13E-4	4.28E-5
	CC13	0.0563	-0.2513	-0.1656	-5.94E-4	-1.97E-4	-4.16E-5
	CC14	0.0392	-0.3548	-0.1819	-8.36E-4	-1.34E-4	1.70E-5
	CC15	-0.0401	-0.3490	-0.1397	-8.35E-4	1.22E-4	3.18E-5
	CC16	-0.0572	-0.4525	-0.1560	-1.08E-3	1.84E-4	9.04E-5
233	CC1	0.3667	0.7665	-0.1623	8.50E-4	-5.61E-4	-3.44E-4
	CC2	0.3578	0.6849	-0.1603	7.60E-4	-5.45E-4	-3.00E-4
	CC3	0.3784	0.1552	-0.1455	2.36E-4	-5.54E-4	-2.90E-4
	CC4	0.3695	0.0735	-0.1436	1.46E-4	-5.37E-4	-2.46E-4
	CC5	-0.3665	-0.0840	-0.0754	-1.62E-4	5.69E-4	2.52E-4
	CC6	-0.3754	-0.1656	-0.0734	-2.52E-4	5.85E-4	2.96E-4
	CC7	-0.3548	-0.6953	-0.0587	-7.76E-4	5.76E-4	3.06E-4
	CC8	-0.3637	-0.7769	-0.0567	-8.66E-4	5.93E-4	3.50E-4
	CC9	0.1067	1.2763	-0.1536	1.32E-3	-1.94E-4	-2.50E-4
	CC10	0.0772	1.0061	-0.1471	1.02E-3	-1.39E-4	-1.05E-4
	CC11	-0.1132	1.0212	-0.1276	1.01E-3	1.45E-4	-7.14E-5
	CC12	-0.1427	0.7510	-0.1211	7.16E-4	2.00E-4	7.41E-5
	CC13	0.1457	-0.7614	-0.0979	-7.32E-4	-1.69E-4	-6.79E-5
	CC14	0.1162	-1.0316	-0.0914	-1.03E-3	-1.14E-4	7.75E-5
	CC15	-0.0743	-1.0165	-0.0719	-1.04E-3	1.71E-4	1.11E-4
	CC16	-0.1037	-1.2867	-0.0654	-1.33E-3	2.25E-4	2.56E-4
234	CC1	0.1595	0.2819	-0.1565	6.72E-4	-5.17E-4	-1.39E-4
	CC2	0.1561	0.2506	-0.1547	6.00E-4	-5.02E-4	-1.21E-4
	CC3	0.1621	0.0718	-0.1397	1.83E-4	-5.13E-4	-1.24E-4
	CC4	0.1587	0.0405	-0.1379	1.11E-4	-4.98E-4	-1.07E-4
	CC5	-0.1540	-0.0438	-0.0711	-1.18E-4	5.09E-4	1.06E-4
	CC6	-0.1574	-0.0751	-0.0693	-1.90E-4	5.23E-4	1.24E-4
	CC7	-0.1514	-0.2539	-0.0543	-6.08E-4	5.13E-4	1.20E-4
	CC8	-0.1548	-0.2852	-0.0525	-6.79E-4	5.28E-4	1.38E-4
	CC9	0.0508	0.4490	-0.1483	1.05E-3	-1.80E-4	-9.01E-5
	CC10	0.0395	0.3456	-0.1423	8.11E-4	-1.31E-4	-3.15E-5
	CC11	-0.0433	0.3513	-0.1227	8.12E-4	1.27E-4	-1.67E-5
	CC12	-0.0546	0.2479	-0.1167	5.74E-4	1.77E-4	4.19E-5
	CC13	0.0593	-0.2512	-0.0923	-5.82E-4	-1.67E-4	-4.24E-5
	CC14	0.0480	-0.3546	-0.0862	-8.20E-4	-1.17E-4	1.62E-5
	CC15	-0.0348	-0.3489	-0.0666	-8.19E-4	1.41E-4	3.10E-5
	CC16	-0.0461	-0.4523	-0.0606	-1.06E-3	1.91E-4	8.96E-5
235	CC1	0.6078	-0.0152	0.0200	-4.29E-5	4.87E-5	-5.37E-4
	CC2	0.5817	0.0121	0.0166	-2.70E-5	4.76E-5	-4.68E-4
	CC3	0.6093	-0.7966	0.0055	-4.31E-4	5.92E-5	-4.59E-4
	CC4	0.5832	-0.7693	0.0021	-4.15E-4	5.82E-5	-3.90E-4
	CC5	-0.5814	0.7329	-0.2240	3.06E-4	-1.13E-5	4.03E-4
	CC6	-0.6076	0.7602	-0.2274	3.22E-4	-1.23E-5	4.72E-4
	CC7	-0.5800	-0.0485	-0.2385	-8.26E-5	-7.34E-7	4.81E-4
	CC8	-0.6061	-0.0212	-0.2420	-6.66E-5	-1.76E-6	5.50E-4
	CC9	0.2201	1.1268	-0.0445	5.14E-4	1.66E-5	-3.78E-4
	CC10	0.1335	1.2170	-0.0558	5.67E-4	1.32E-5	-1.50E-4
	CC11	-0.1367	1.3512	-0.1177	6.19E-4	-1.38E-6	-9.60E-5
	CC12	-0.2233	1.4414	-0.1290	6.71E-4	-4.79E-6	1.32E-4
	CC13	0.2250	-1.4778	-0.0929	-7.81E-4	5.17E-5	-1.19E-4
	CC14	0.1384	-1.3876	-0.1043	-7.28E-4	4.83E-5	1.09E-4
	CC15	-0.1318	-1.2534	-0.1661	-6.76E-4	3.37E-5	1.63E-4
	CC16	-0.2184	-1.1632	-0.1775	-6.24E-4	3.03E-5	3.91E-4
236	CC1	0.6079	0.0492	0.0326	-1.26E-5	-2.31E-5	-5.37E-4
	CC2	0.5818	0.0682	0.0287	-5.57E-8	-2.18E-5	-4.69E-4
	CC3	0.6094	-0.7415	0.0171	-3.96E-4	-2.99E-5	-4.60E-4
	CC4	0.5832	-0.7225	0.0133	-3.83E-4	-2.86E-5	-3.91E-4
	CC5	-0.5813	0.6846	-0.2302	2.78E-4	6.02E-5	4.02E-4
	CC6	-0.6075	0.7036	-0.2341	2.90E-4	6.15E-5	4.71E-4
	CC7	-0.5799	-0.1061	-0.2456	-1.05E-4	5.34E-5	4.80E-4
	CC8	-0.6060	-0.0871	-0.2495	-9.28E-5	5.47E-5	5.49E-4
	CC9	0.2202	1.1722	-0.0369	5.22E-4	1.25E-5	-3.79E-4
	CC10	0.1336	1.2350	-0.0498	5.63E-4	1.67E-5	-1.51E-4
	CC11	-0.1366	1.3628	-0.1157	6.09E-4	3.75E-5	-9.70E-5

	CC12	-0.2232	1.4256	-0.1286	6.50E-4	4.17E-5	1.31E-4
	CC13	0.2251	-1.4635	-0.0883	-7.56E-4	-1.01E-5	-1.20E-4
	CC14	0.1385	-1.4007	-0.1012	-7.14E-4	-5.93E-6	1.08E-4
	CC15	-0.1317	-1.2729	-0.1672	-6.69E-4	1.49E-5	1.62E-4
	CC16	-0.2183	-1.2101	-0.1800	-6.27E-4	1.91E-5	3.90E-4
237	CC1	0.5827	1.1970	-0.1389	9.27E-4	-4.78E-4	-5.42E-4
	CC2	0.5630	1.0718	-0.1458	8.31E-4	-4.75E-4	-4.73E-4
	CC3	0.5914	0.2435	-0.1885	2.31E-4	-5.06E-4	-4.64E-4
	CC4	0.5717	0.1183	-0.1954	1.35E-4	-5.03E-4	-3.96E-4
	CC5	-0.5756	-0.1352	-0.0305	-1.68E-4	5.29E-4	3.97E-4
	CC6	-0.5953	-0.2604	-0.0374	-2.64E-4	5.32E-4	4.66E-4
	CC7	-0.5670	-1.0887	-0.0801	-8.64E-4	5.02E-4	4.75E-4
	CC8	-0.5867	-1.2139	-0.0870	-9.60E-4	5.05E-4	5.44E-4
	CC9	0.1900	1.9877	-0.0353	1.47E-3	-9.72E-5	-3.84E-4
	CC10	0.1247	1.5733	-0.0579	1.15E-3	-8.69E-5	-1.56E-4
	CC11	-0.1575	1.5881	-0.0027	1.14E-3	2.05E-4	-1.02E-4
	CC12	-0.2228	1.1736	-0.0254	8.20E-4	2.15E-4	1.26E-4
	CC13	0.2188	-1.1905	-0.2005	-8.53E-4	-1.89E-4	-1.24E-4
	CC14	0.1535	-1.6050	-0.2231	-1.17E-3	-1.79E-4	1.04E-4
	CC15	-0.1287	-1.5902	-0.1680	-1.18E-3	1.13E-4	1.58E-4
	CC16	-0.1940	-2.0047	-0.1906	-1.50E-3	1.23E-4	3.85E-4
238	CC1	0.5602	1.1970	-0.1742	9.49E-4	-4.60E-4	-5.40E-4
	CC2	0.5473	1.0718	-0.1714	8.51E-4	-4.57E-4	-4.72E-4
	CC3	0.5766	0.2435	-0.1503	2.44E-4	-4.74E-4	-4.63E-4
	CC4	0.5637	0.1183	-0.1476	1.47E-4	-4.71E-4	-3.94E-4
	CC5	-0.5674	-0.1352	-0.0759	-1.62E-4	5.01E-4	3.99E-4
	CC6	-0.5802	-0.2604	-0.0731	-2.60E-4	5.04E-4	4.68E-4
	CC7	-0.5510	-1.0887	-0.0521	-8.66E-4	4.86E-4	4.77E-4
	CC8	-0.5638	-1.2139	-0.0493	-9.64E-4	4.89E-4	5.46E-4
	CC9	0.1612	1.9878	-0.1708	1.49E-3	-1.10E-4	-3.82E-4
	CC10	0.1187	1.5733	-0.1616	1.17E-3	-1.00E-4	-1.54E-4
	CC11	-0.1771	1.5881	-0.1413	1.16E-3	1.78E-4	-1.00E-4
	CC12	-0.2195	1.1736	-0.1321	8.38E-4	1.88E-4	1.28E-4
	CC13	0.2159	-1.1905	-0.0914	-8.53E-4	-1.59E-4	-1.23E-4
	CC14	0.1734	-1.6050	-0.0822	-1.18E-3	-1.49E-4	1.05E-4
	CC15	-0.1224	-1.5902	-0.0619	-1.19E-3	1.30E-4	1.59E-4
	CC16	-0.1648	-2.0047	-0.0527	-1.51E-3	1.39E-4	3.87E-4
239	CC1	0.4881	0.2042	-0.0927	1.86E-4	1.32E-28	-5.34E-4
	CC2	0.5040	0.2034	-0.0920	1.92E-4	1.32E-28	-4.66E-4
	CC3	0.5369	-0.6089	0.0488	-6.32E-4	8.52E-29	-4.57E-4
	CC4	0.5528	-0.6097	0.0495	-6.26E-4	8.52E-29	-3.88E-4
	CC5	-0.5402	0.5690	-0.2323	5.66E-4	-8.52E-29	4.05E-4
	CC6	-0.5243	0.5681	-0.2316	5.73E-4	-8.52E-29	4.74E-4
	CC7	-0.4914	-0.2441	-0.0907	-2.52E-4	-1.32E-28	4.83E-4
	CC8	-0.4755	-0.2450	-0.0901	-2.45E-4	-1.32E-28	5.52E-4
	CC9	0.0529	1.2815	-0.3075	1.27E-3	1.10E-28	-3.76E-4
	CC10	0.1055	1.2787	-0.3052	1.29E-3	1.10E-28	-1.48E-4
	CC11	-0.2556	1.3909	-0.3493	1.38E-3	4.53E-29	-9.39E-5
	CC12	-0.2030	1.3881	-0.3471	1.40E-3	4.53E-29	1.34E-4
	CC13	0.2156	-1.4288	0.1643	-1.46E-3	-4.53E-29	-1.17E-4
	CC14	0.2682	-1.4316	0.1666	-1.44E-3	-4.53E-29	1.11E-4
	CC15	-0.0929	-1.3194	0.1224	-1.35E-3	-1.10E-28	1.65E-4
	CC16	-0.0403	-1.3222	0.1247	-1.33E-3	-1.10E-28	3.93E-4
240	CC1	0.3143	0.1354	-0.0525	2.64E-4	3.20E-3	-3.47E-4
	CC2	0.3237	0.1329	-0.0497	2.60E-4	3.20E-3	-3.03E-4
	CC3	0.3477	-0.3775	0.0555	-7.03E-4	2.08E-3	-2.93E-4
	CC4	0.3571	-0.3800	0.0583	-7.07E-4	2.08E-3	-2.49E-4
	CC5	-0.3539	0.3607	-0.2384	6.53E-4	-2.08E-3	2.49E-4
	CC6	-0.3444	0.3582	-0.2356	6.49E-4	-2.08E-3	2.93E-4
	CC7	-0.3205	-0.1522	-0.1304	-3.14E-4	-3.20E-3	3.03E-4
	CC8	-0.3111	-0.1547	-0.1277	-3.18E-4	-3.20E-3	3.47E-4
	CC9	0.0306	0.8155	-0.2467	1.53E-3	2.67E-3	-2.53E-4
	CC10	0.0618	0.8072	-0.2375	1.52E-3	2.67E-3	-1.08E-4
	CC11	-0.1698	0.8831	-0.3025	1.65E-3	1.08E-3	-7.44E-5
	CC12	-0.1387	0.8748	-0.2933	1.64E-3	1.08E-3	7.10E-5
	CC13	0.1419	-0.8941	0.1132	-1.69E-3	-1.08E-3	-7.10E-5
	CC14	0.1731	-0.9023	0.1224	-1.70E-3	-1.08E-3	7.45E-5
	CC15	-0.0585	-0.8265	0.0574	-1.57E-3	-2.67E-3	1.08E-4
	CC16	-0.0274	-0.8347	0.0666	-1.59E-3	-2.67E-3	2.53E-4
241	CC1	0.4874	0.2706	0.0018	1.63E-4	9.89E-29	-5.37E-4
	CC2	0.5033	0.2614	0.0074	1.60E-4	9.89E-29	-4.68E-4
	CC3	0.5362	-0.5519	0.0621	-5.37E-4	6.44E-29	-4.59E-4

	CC4	0.5521	-0.5610	0.0677	-5.39E-4	6.44E-29	-3.90E-4
	CC5	-0.5410	0.5226	-0.2519	4.47E-4	-6.44E-29	4.03E-4
	CC6	-0.5251	0.5135	-0.2463	4.45E-4	-6.44E-29	4.72E-4
	CC7	-0.4922	-0.2998	-0.1916	-2.52E-4	-9.89E-29	4.81E-4
	CC8	-0.4763	-0.3089	-0.1860	-2.55E-4	-9.89E-29	5.50E-4
	CC9	0.0522	1.3288	-0.1639	1.08E-3	8.19E-29	-3.78E-4
	CC10	0.1048	1.2986	-0.1453	1.07E-3	8.19E-29	-1.50E-4
	CC11	-0.2563	1.4044	-0.2400	1.17E-3	3.29E-29	-9.61E-5
	CC12	-0.2037	1.3743	-0.2214	1.16E-3	3.29E-29	1.32E-4
	CC13	0.2149	-1.4126	0.0371	-1.25E-3	-3.29E-29	-1.19E-4
	CC14	0.2675	-1.4428	0.0558	-1.26E-3	-3.29E-29	1.09E-4
	CC15	-0.0936	-1.3370	-0.0390	-1.17E-3	-8.19E-29	1.63E-4
	CC16	-0.0410	-1.3672	-0.0204	-1.17E-3	-8.19E-29	3.91E-4
242	CC1	0.3145	0.1773	-0.0428	3.14E-4	5.69E-29	-3.51E-4
	CC2	0.3239	0.1695	-0.0392	3.02E-4	5.69E-29	-3.07E-4
	CC3	0.3479	-0.3422	0.0271	-6.16E-4	3.69E-29	-2.97E-4
	CC4	0.3573	-0.3499	0.0307	-6.27E-4	3.69E-29	-2.53E-4
	CC5	-0.3537	0.3314	-0.2127	5.70E-4	-3.69E-29	2.45E-4
	CC6	-0.3443	0.3236	-0.2091	5.58E-4	-3.69E-29	2.89E-4
	CC7	-0.3203	-0.1880	-0.1427	-3.60E-4	-5.69E-29	3.00E-4
	CC8	-0.3109	-0.1958	-0.1392	-3.71E-4	-5.69E-29	3.43E-4
	CC9	0.0308	0.8462	-0.1880	1.50E-3	4.74E-29	-2.57E-4
	CC10	0.0619	0.8205	-0.1762	1.46E-3	4.74E-29	-1.12E-4
	CC11	-0.1697	0.8924	-0.2389	1.58E-3	1.92E-29	-7.83E-5
	CC12	-0.1385	0.8667	-0.2271	1.54E-3	1.92E-29	6.71E-5
	CC13	0.1421	-0.8853	0.0451	-1.60E-3	-1.92E-29	-7.49E-5
	CC14	0.1733	-0.9110	0.0569	-1.64E-3	-1.92E-29	7.06E-5
	CC15	-0.0584	-0.8390	-0.0058	-1.52E-3	-4.74E-29	1.04E-4
	CC16	-0.0272	-0.8647	0.0060	-1.56E-3	-4.74E-29	2.49E-4
243	CC1	0.1616	-0.2935	-0.0794	-7.29E-4	-5.65E-4	-1.35E-4
	CC2	0.1565	-0.2512	-0.0790	-6.20E-4	-5.48E-4	-1.17E-4
	CC3	0.1599	-0.4443	-0.0812	-1.13E-3	-5.59E-4	-1.20E-4
	CC4	0.1548	-0.4019	-0.0808	-1.02E-3	-5.42E-4	-1.03E-4
	CC5	-0.1596	0.3980	-0.0952	1.00E-3	5.24E-4	1.10E-4
	CC6	-0.1648	0.4403	-0.0948	1.11E-3	5.41E-4	1.28E-4
	CC7	-0.1613	0.2473	-0.0970	6.01E-4	5.29E-4	1.24E-4
	CC8	-0.1665	0.2896	-0.0966	7.10E-4	5.46E-4	1.42E-4
	CC9	0.0571	0.0755	-0.0832	2.22E-4	-2.10E-4	-8.62E-5
	CC10	0.0401	0.2156	-0.0820	5.80E-4	-1.53E-4	-2.76E-5
	CC11	-0.0393	0.2829	-0.0880	7.41E-4	1.17E-4	-1.28E-5
	CC12	-0.0563	0.4230	-0.0867	1.10E-3	1.73E-4	4.58E-5
	CC13	0.0515	-0.4270	-0.0892	-1.12E-3	-1.91E-4	-3.86E-5
	CC14	0.0345	-0.2868	-0.0880	-7.60E-4	-1.35E-4	2.00E-5
	CC15	-0.0449	-0.2195	-0.0939	-5.99E-4	1.35E-4	3.48E-5
	CC16	-0.0619	-0.0794	-0.0927	-2.41E-4	1.91E-4	9.34E-5
244	CC1	0.1553	-0.2934	-0.0190	-7.43E-4	-5.61E-4	-1.34E-4
	CC2	0.1518	-0.2511	-0.0291	-6.33E-4	-5.48E-4	-1.16E-4
	CC3	0.1578	-0.4442	0.0186	-1.15E-3	-5.75E-4	-1.19E-4
	CC4	0.1544	-0.4018	0.0085	-1.04E-3	-5.62E-4	-1.02E-4
	CC5	-0.1583	0.3981	-0.1825	1.02E-3	5.50E-4	1.11E-4
	CC6	-0.1618	0.4404	-0.1926	1.13E-3	5.62E-4	1.29E-4
	CC7	-0.1558	0.2474	-0.1449	6.09E-4	5.36E-4	1.25E-4
	CC8	-0.1593	0.2897	-0.1550	7.19E-4	5.48E-4	1.43E-4
	CC9	0.0465	0.0755	-0.1084	2.22E-4	-1.70E-4	-8.52E-5
	CC10	0.0351	0.2157	-0.1418	5.86E-4	-1.28E-4	-2.65E-5
	CC11	-0.0476	0.2830	-0.1575	7.50E-4	1.63E-4	-1.18E-5
	CC12	-0.0589	0.4231	-0.1909	1.11E-3	2.05E-4	4.69E-5
	CC13	0.0549	-0.4269	0.0169	-1.14E-3	-2.17E-4	-3.75E-5
	CC14	0.0436	-0.2867	-0.0165	-7.73E-4	-1.75E-4	2.11E-5
	CC15	-0.0391	-0.2194	-0.0321	-6.09E-4	1.16E-4	3.59E-5
	CC16	-0.0505	-0.0793	-0.0655	-2.45E-4	1.58E-4	9.45E-5
245	CC1	0.0000	0.0000	-0.0549	0.00E+0	0.00E+0	2.91E-7
	CC2	0.0000	0.0000	-0.0587	0.00E+0	0.00E+0	2.52E-7
	CC3	0.0000	0.0000	-0.0412	0.00E+0	0.00E+0	3.90E-7
	CC4	0.0000	0.0000	-0.0450	0.00E+0	0.00E+0	3.52E-7
	CC5	0.0000	0.0000	-0.1191	0.00E+0	0.00E+0	-3.52E-7
	CC6	0.0000	0.0000	-0.1229	0.00E+0	0.00E+0	-3.91E-7
	CC7	0.0000	0.0000	-0.1054	0.00E+0	0.00E+0	-2.53E-7
	CC8	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-2.91E-7
	CC9	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	-5.16E-9
	CC10	0.0000	0.0000	-0.1016	0.00E+0	0.00E+0	-1.34E-7
	CC11	0.0000	0.0000	-0.1082	0.00E+0	0.00E+0	-1.98E-7

	CC12	0.0000	0.0000	-0.1208	0.00E+0	0.00E+0	-3.26E-7
	CC13	0.0000	0.0000	-0.0433	0.00E+0	0.00E+0	3.26E-7
	CC14	0.0000	0.0000	-0.0559	0.00E+0	0.00E+0	1.98E-7
	CC15	0.0000	0.0000	-0.0625	0.00E+0	0.00E+0	1.33E-7
	CC16	0.0000	0.0000	-0.0751	0.00E+0	0.00E+0	4.85E-9
246	CC1	0.0000	0.0000	-0.0462	0.00E+0	0.00E+0	2.85E-7
	CC2	0.0000	0.0000	-0.0513	0.00E+0	0.00E+0	2.46E-7
	CC3	0.0000	0.0000	-0.0277	0.00E+0	0.00E+0	3.80E-7
	CC4	0.0000	0.0000	-0.0328	0.00E+0	0.00E+0	3.42E-7
	CC5	0.0000	0.0000	-0.1312	0.00E+0	0.00E+0	-3.44E-7
	CC6	0.0000	0.0000	-0.1363	0.00E+0	0.00E+0	-3.82E-7
	CC7	0.0000	0.0000	-0.1127	0.00E+0	0.00E+0	-2.48E-7
	CC8	0.0000	0.0000	-0.1178	0.00E+0	0.00E+0	-2.87E-7
	CC9	0.0000	0.0000	-0.0916	0.00E+0	0.00E+0	-2.56E-9
	CC10	0.0000	0.0000	-0.1086	0.00E+0	0.00E+0	-1.29E-7
	CC11	0.0000	0.0000	-0.1171	0.00E+0	0.00E+0	-1.91E-7
	CC12	0.0000	0.0000	-0.1341	0.00E+0	0.00E+0	-3.18E-7
	CC13	0.0000	0.0000	-0.0299	0.00E+0	0.00E+0	3.16E-7
	CC14	0.0000	0.0000	-0.0469	0.00E+0	0.00E+0	1.89E-7
	CC15	0.0000	0.0000	-0.0554	0.00E+0	0.00E+0	1.27E-7
	CC16	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	5.30E-1
247	CC1	0.1151	-0.2091	-0.1459	-1.08E-3	-6.18E-4	-1.34E-4
	CC2	0.1104	-0.1790	-0.1374	-9.19E-4	-5.91E-4	-1.17E-4
	CC3	0.1131	-0.3150	-0.1771	-1.63E-3	-6.11E-4	-1.36E-4
	CC4	0.1084	-0.2850	-0.1686	-1.48E-3	-5.84E-4	-1.19E-4
	CC5	-0.1144	0.2830	-0.0064	1.46E-3	5.96E-4	1.20E-4
	CC6	-0.1191	0.3130	0.0021	1.62E-3	6.22E-4	1.37E-4
	CC7	-0.1163	0.1771	-0.0376	9.06E-4	6.03E-4	1.18E-4
	CC8	-0.1210	0.2071	-0.0291	1.06E-3	6.30E-4	1.36E-4
	CC9	0.0424	0.0520	-0.0705	2.85E-4	-2.33E-4	-6.38E-5
	CC10	0.0269	0.1514	-0.0423	8.02E-4	-1.44E-4	-5.76E-6
	CC11	-0.0264	0.1997	-0.0287	1.05E-3	1.32E-4	1.25E-5
	CC12	-0.0420	0.2991	-0.0005	1.56E-3	2.20E-4	7.05E-5
	CC13	0.0360	-0.3010	-0.1745	-1.58E-3	-2.08E-4	-6.92E-5
	CC14	0.0204	-0.2016	-0.1463	-1.06E-3	-1.20E-4	-1.12E-5
	CC15	-0.0328	-0.1534	-0.1327	-8.15E-4	1.56E-4	7.08E-6
	CC16	-0.0484	-0.0540	-0.1045	-2.98E-4	2.44E-4	6.51E-5
248	CC1	0.0630	-0.1170	-0.1245	-1.02E-3	-5.67E-4	-1.27E-4
	CC2	0.0606	-0.1003	-0.1190	-8.69E-4	-5.43E-4	-1.10E-4
	CC3	0.0612	-0.1758	-0.1443	-1.53E-3	-5.60E-4	-1.44E-4
	CC4	0.0588	-0.1591	-0.1388	-1.38E-3	-5.36E-4	-1.27E-4
	CC5	-0.0629	0.1579	-0.0326	1.38E-3	5.66E-4	1.28E-4
	CC6	-0.0653	0.1746	-0.0271	1.52E-3	5.89E-4	1.45E-4
	CC7	-0.0648	0.0992	-0.0524	8.62E-4	5.73E-4	1.11E-4
	CC8	-0.0672	0.1159	-0.0469	1.01E-3	5.96E-4	1.28E-4
	CC9	0.0239	0.0285	-0.0756	2.55E-4	-2.06E-4	-3.77E-5
	CC10	0.0159	0.0838	-0.0575	7.39E-4	-1.27E-4	1.83E-5
	CC11	-0.0139	0.1110	-0.0481	9.72E-4	1.34E-4	3.90E-5
	CC12	-0.0219	0.1663	-0.0299	1.46E-3	2.12E-4	9.49E-5
	CC13	0.0177	-0.1674	-0.1415	-1.46E-3	-1.83E-4	-9.38E-5
	CC14	0.0098	-0.1121	-0.1234	-9.80E-4	-1.04E-4	-3.78E-5
	CC15	-0.0200	-0.0849	-0.1139	-7.46E-4	1.57E-4	-1.71E-5
	CC16	-0.0280	-0.0296	-0.0958	-2.62E-4	2.36E-4	3.89E-5
249	CC1	0.0199	-0.0383	-0.0639	-7.59E-4	-4.01E-4	-8.73E-5
	CC2	0.0192	-0.0329	-0.0621	-6.51E-4	-3.87E-4	-7.56E-5
	CC3	0.0190	-0.0575	-0.0703	-1.14E-3	-3.84E-4	-1.06E-4
	CC4	0.0183	-0.0520	-0.0685	-1.03E-3	-3.70E-4	-9.40E-5
	CC5	-0.0198	0.0516	-0.0993	1.02E-3	3.99E-4	9.47E-5
	CC6	-0.0205	0.0570	-0.0976	1.13E-3	4.13E-4	1.06E-4
	CC7	-0.0207	0.0324	-0.1058	6.42E-4	4.17E-4	7.63E-5
	CC8	-0.0214	0.0379	-0.1040	7.50E-4	4.30E-4	8.80E-5
	CC9	0.0079	0.0092	-0.0708	1.83E-4	-1.58E-4	-1.57E-5
	CC10	0.0056	0.0272	-0.0650	5.40E-4	-1.12E-4	2.32E-5
	CC11	-0.0040	0.0361	-0.0815	7.17E-4	8.24E-5	3.89E-5
	CC12	-0.0063	0.0541	-0.0756	1.07E-3	1.28E-4	7.78E-5
	CC13	0.0048	-0.0546	-0.0922	-1.08E-3	-9.89E-5	-7.71E-5
	CC14	0.0026	-0.0366	-0.0864	-7.26E-4	-5.32E-5	-3.82E-5
	CC15	-0.0071	-0.0276	-0.1029	-5.49E-4	1.41E-4	-2.25E-5
	CC16	-0.0094	-0.0096	-0.0970	-1.91E-4	1.87E-4	1.64E-5
250	CC1	0.1018	-0.2045	0.0406	-1.07E-3	-5.59E-4	-1.47E-4
	CC2	0.1006	-0.1752	0.0219	-9.11E-4	-5.53E-4	-1.27E-4
	CC3	0.1042	-0.3080	0.1093	-1.62E-3	-5.70E-4	-1.54E-4

	CC4	0.1030	-0.2787	0.0906	-1.46E-3	-5.64E-4	-1.35E-4
	CC5	-0.1065	0.2770	-0.2604	1.44E-3	5.72E-4	1.34E-4
	CC6	-0.1077	0.3064	-0.2791	1.60E-3	5.78E-4	1.53E-4
	CC7	-0.1041	0.1735	-0.1917	8.92E-4	5.60E-4	1.27E-4
	CC8	-0.1053	0.2029	-0.2104	1.05E-3	5.66E-4	1.46E-4
	CC9	0.0275	0.0509	-0.1233	2.79E-4	-1.57E-4	-6.19E-5
	CC10	0.0235	0.1481	-0.1852	7.90E-4	-1.37E-4	1.54E-6
	CC11	-0.0350	0.1954	-0.2136	1.03E-3	1.83E-4	2.23E-5
	CC12	-0.0390	0.2925	-0.2755	1.54E-3	2.02E-4	8.57E-5
	CC13	0.0355	-0.2942	0.1057	-1.56E-3	-1.95E-4	-8.64E-5
	CC14	0.0316	-0.1970	0.0438	-1.05E-3	-1.75E-4	-2.29E-5
	CC15	-0.0270	-0.1497	0.0154	-8.09E-4	1.44E-4	-2.16E-6
	CC16	-0.0309	-0.0526	-0.0465	-2.98E-4	1.64E-4	6.13E-5
251	CC1	0.0555	-0.1145	0.0188	-9.87E-4	-5.02E-4	-1.44E-4
	CC2	0.0548	-0.0981	0.0035	-8.45E-4	-4.95E-4	-1.25E-4
	CC3	0.0570	-0.1720	0.0743	-1.49E-3	-5.16E-4	-1.70E-4
	CC4	0.0563	-0.1556	0.0590	-1.35E-3	-5.09E-4	-1.50E-4
	CC5	-0.0587	0.1552	-0.2270	1.34E-3	5.26E-4	1.48E-4
	CC6	-0.0594	0.1716	-0.2423	1.48E-3	5.32E-4	1.68E-4
	CC7	-0.0571	0.0977	-0.1715	8.36E-4	5.12E-4	1.23E-4
	CC8	-0.0578	0.1141	-0.1867	9.77E-4	5.19E-4	1.42E-4
	CC9	0.0145	0.0281	-0.1144	2.46E-4	-1.34E-4	-3.49E-5
	CC10	0.0122	0.0823	-0.1649	7.15E-4	-1.11E-4	2.86E-5
	CC11	-0.0198	0.1090	-0.1881	9.43E-4	1.74E-4	5.30E-5
	CC12	-0.0221	0.1632	-0.2386	1.41E-3	1.97E-4	1.16E-4
	CC13	0.0197	-0.1636	0.0707	-1.42E-3	-1.80E-4	-1.19E-4
	CC14	0.0174	-0.1094	0.0202	-9.52E-4	-1.58E-4	-5.51E-5
	CC15	-0.0145	-0.0827	-0.0031	-7.25E-4	1.28E-4	-3.07E-5
	CC16	-0.0168	-0.0285	-0.0536	-2.55E-4	1.51E-4	3.28E-5
252	CC1	0.0174	-0.0377	-0.0077	-7.43E-4	-3.55E-4	-9.94E-5
	CC2	0.0172	-0.0324	-0.0188	-6.37E-4	-3.49E-4	-8.61E-5
	CC3	0.0179	-0.0566	0.0326	-1.12E-3	-3.69E-4	-1.24E-4
	CC4	0.0177	-0.0512	0.0214	-1.01E-3	-3.63E-4	-1.11E-4
	CC5	-0.0185	0.0513	-0.1875	1.01E-3	3.80E-4	1.09E-4
	CC6	-0.0187	0.0567	-0.1986	1.12E-3	3.85E-4	1.22E-4
	CC7	-0.0181	0.0324	-0.1473	6.36E-4	3.66E-4	8.46E-5
	CC8	-0.0183	0.0378	-0.1584	7.43E-4	3.71E-4	9.79E-5
	CC9	0.0045	0.0092	-0.1047	1.82E-4	-8.75E-5	-1.32E-5
	CC10	0.0039	0.0270	-0.1416	5.34E-4	-6.95E-5	3.09E-5
	CC11	-0.0063	0.0359	-0.1586	7.08E-4	1.33E-4	4.93E-5
	CC12	-0.0069	0.0537	-0.1955	1.06E-3	1.51E-4	9.35E-5
	CC13	0.0060	-0.0537	0.0294	-1.06E-3	-1.34E-4	-9.50E-5
	CC14	0.0054	-0.0359	-0.0075	-7.09E-4	-1.16E-4	-5.08E-5
	CC15	-0.0048	-0.0270	-0.0245	-5.35E-4	8.60E-5	-3.24E-5
	CC16	-0.0054	-0.0092	-0.0614	-1.83E-4	1.04E-4	1.17E-5
253	CC1	0.1672	-0.3028	0.0291	-9.97E-4	-1.96E-4	-1.42E-4
	CC2	0.1602	-0.2593	0.0408	-8.51E-4	-1.67E-4	-1.25E-4
	CC3	0.1646	-0.4526	-0.0183	-1.52E-3	-3.11E-4	-1.28E-4
	CC4	0.1576	-0.4091	-0.0066	-1.37E-3	-2.82E-4	-1.10E-4
	CC5	-0.1631	0.4046	-0.1708	1.35E-3	2.78E-4	1.02E-4
	CC6	-0.1701	0.4481	-0.1591	1.49E-3	3.07E-4	1.20E-4
	CC7	-0.1657	0.2548	-0.2182	8.25E-4	1.62E-4	1.17E-4
	CC8	-0.1727	0.2983	-0.2065	9.72E-4	1.91E-4	1.34E-4
	CC9	0.0627	0.0694	0.0010	2.62E-4	7.20E-5	-9.40E-5
	CC10	0.0395	0.2133	0.0396	7.47E-4	1.68E-4	-3.53E-5
	CC11	-0.0364	0.2816	-0.0590	9.65E-4	2.14E-4	-2.06E-5
	CC12	-0.0596	0.4255	-0.0203	1.45E-3	3.10E-4	3.81E-5
	CC13	0.0541	-0.4300	-0.1571	-1.48E-3	-3.14E-4	-4.63E-5
	CC14	0.0309	-0.2860	-0.1184	-9.91E-4	-2.18E-4	1.23E-5
	CC15	-0.0450	-0.2177	-0.2170	-7.73E-4	-1.72E-4	2.71E-5
	CC16	-0.0682	-0.0738	-0.1784	-2.88E-4	-7.62E-5	8.57E-5
254	CC1	0.0037	-0.0116	-0.0565	-1.96E-4	-4.71E-4	-2.87E-4
	CC2	0.0032	-0.0100	-0.0570	-1.67E-4	-5.16E-4	-2.49E-4
	CC3	0.0050	-0.0155	-0.0554	-2.96E-4	-2.81E-4	-3.86E-4
	CC4	0.0045	-0.0140	-0.0559	-2.67E-4	-3.26E-4	-3.48E-4
	CC5	-0.0046	0.0140	-0.1099	2.63E-4	3.63E-4	3.48E-4
	CC6	-0.0051	0.0156	-0.1104	2.91E-4	3.18E-4	3.87E-4
	CC7	-0.0032	0.0101	-0.1087	1.62E-4	5.52E-4	2.50E-4
	CC8	-0.0037	0.0116	-0.1093	1.91E-4	5.07E-4	2.88E-4
	CC9	-0.0003	0.0002	-0.0759	4.89E-5	-3.48E-4	6.09E-6
	CC10	-0.0019	0.0053	-0.0776	1.43E-4	-4.97E-4	1.33E-4
	CC11	-0.0027	0.0079	-0.0919	1.86E-4	-9.79E-5	1.97E-4

	CC12	-0.0044	0.0130	-0.0936	2.80E-4	-2.47E-4	3.23E-4
	CC13	0.0044	-0.0130	-0.0722	-2.85E-4	2.83E-4	-3.23E-4
	CC14	0.0027	-0.0079	-0.0739	-1.91E-4	1.34E-4	-1.96E-4
	CC15	0.0019	-0.0053	-0.0882	-1.48E-4	5.33E-4	-1.32E-4
	CC16	0.0002	-0.0002	-0.0899	-5.35E-5	3.84E-4	-5.31E-6
255	CC1	0.1138	-0.2273	0.0308	-9.48E-4	-6.03E-4	-1.14E-4
	CC2	0.1093	-0.1951	0.0415	-8.11E-4	-5.71E-4	-1.00E-4
	CC3	0.1098	-0.3330	-0.0155	-1.42E-3	-6.34E-4	-1.04E-4
	CC4	0.1054	-0.3008	-0.0048	-1.28E-3	-6.02E-4	-9.01E-5
	CC5	-0.1113	0.2975	-0.1705	1.27E-3	6.08E-4	8.78E-5
	CC6	-0.1157	0.3298	-0.1598	1.40E-3	6.40E-4	1.02E-4
	CC7	-0.1152	0.1918	-0.2168	7.94E-4	5.76E-4	9.78E-5
	CC8	-0.1196	0.2241	-0.2061	9.31E-4	6.08E-4	1.12E-4
	CC9	0.0447	0.0424	0.0020	2.19E-4	-1.79E-4	-7.16E-5
	CC10	0.0300	0.1492	0.0373	6.74E-4	-7.28E-5	-2.45E-5
	CC11	-0.0228	0.1998	-0.0584	8.84E-4	1.84E-4	-1.10E-5
	CC12	-0.0375	0.3067	-0.0231	1.34E-3	2.90E-4	3.62E-5
	CC13	0.0316	-0.3099	-0.1523	-1.36E-3	-2.85E-4	-3.85E-5
	CC14	0.0169	-0.2031	-0.1170	-9.01E-4	-1.79E-4	8.65E-6
	CC15	-0.0359	-0.1525	-0.2127	-6.91E-4	7.80E-5	2.21E-5
	CC16	-0.0506	-0.0456	-0.1774	-2.37E-4	1.85E-4	6.93E-5
256	CC1	0.0647	-0.1512	0.0081	-8.08E-4	-5.19E-4	-1.87E-4
	CC2	0.0624	-0.1299	0.0163	-6.91E-4	-5.01E-4	-1.63E-4
	CC3	0.0608	-0.2190	-0.0276	-1.21E-3	-5.01E-4	-2.27E-4
	CC4	0.0586	-0.1977	-0.0195	-1.09E-3	-4.83E-4	-2.02E-4
	CC5	-0.0634	0.1958	-0.1539	1.08E-3	5.02E-4	2.00E-4
	CC6	-0.0656	0.2171	-0.1458	1.20E-3	5.20E-4	2.24E-4
	CC7	-0.0672	0.1280	-0.1897	6.79E-4	5.20E-4	1.60E-4
	CC8	-0.0695	0.1493	-0.1815	7.96E-4	5.39E-4	1.85E-4
	CC9	0.0270	0.0248	-0.0163	1.90E-4	-2.05E-4	-3.47E-5
	CC10	0.0195	0.0952	0.0107	5.76E-4	-1.45E-4	4.65E-5
	CC11	-0.0114	0.1289	-0.0649	7.57E-4	1.02E-4	8.14E-5
	CC12	-0.0189	0.1993	-0.0379	1.14E-3	1.62E-4	1.63E-4
	CC13	0.0141	-0.2012	-0.1355	-1.16E-3	-1.43E-4	-1.65E-4
	CC14	0.0067	-0.1308	-0.1085	-7.69E-4	-8.26E-5	-8.40E-5
	CC15	-0.0243	-0.0971	-0.1841	-5.88E-4	1.64E-4	-4.90E-5
	CC16	-0.0318	-0.0267	-0.1571	-2.02E-4	2.24E-4	3.21E-5
257	CC1	0.0264	-0.0840	-0.0158	-8.07E-4	-3.56E-4	-2.79E-4
	CC2	0.0259	-0.0724	-0.0102	-6.93E-4	-3.32E-4	-2.42E-4
	CC3	0.0230	-0.1195	-0.0407	-1.18E-3	-3.80E-4	-3.72E-4
	CC4	0.0224	-0.1078	-0.0351	-1.06E-3	-3.56E-4	-3.35E-4
	CC5	-0.0253	0.1070	-0.1360	1.05E-3	3.80E-4	3.34E-4
	CC6	-0.0259	0.1187	-0.1304	1.17E-3	4.04E-4	3.71E-4
	CC7	-0.0288	0.0715	-0.1608	6.80E-4	3.56E-4	2.41E-4
	CC8	-0.0293	0.0832	-0.1553	7.93E-4	3.80E-4	2.78E-4
	CC9	0.0130	0.0107	-0.0353	1.46E-4	-9.84E-5	3.87E-7
	CC10	0.0112	0.0494	-0.0168	5.22E-4	-1.94E-5	1.24E-4
	CC11	-0.0025	0.0680	-0.0713	7.03E-4	1.22E-4	1.84E-4
	CC12	-0.0044	0.1067	-0.0529	1.08E-3	2.02E-4	3.08E-4
	CC13	0.0015	-0.1075	-0.1182	-1.09E-3	-1.78E-4	-3.09E-4
	CC14	-0.0004	-0.0689	-0.0998	-7.17E-4	-9.85E-5	-1.86E-4
	CC15	-0.0140	-0.0502	-0.1542	-5.35E-4	4.33E-5	-1.25E-4
	CC16	-0.0159	-0.0116	-0.1358	-1.59E-4	1.22E-4	-1.64E-6
258	CC1	0.1511	-0.3025	0.0564	-1.00E-3	-2.00E-4	-1.42E-4
	CC2	0.1492	-0.2590	0.0351	-8.53E-4	-1.70E-4	-1.24E-4
	CC3	0.1546	-0.4523	0.1336	-1.54E-3	-3.21E-4	-1.28E-4
	CC4	0.1527	-0.4088	0.1123	-1.39E-3	-2.91E-4	-1.10E-4
	CC5	-0.1561	0.4050	-0.2835	1.37E-3	2.86E-4	1.03E-4
	CC6	-0.1580	0.4484	-0.3049	1.52E-3	3.16E-4	1.20E-4
	CC7	-0.1526	0.2552	-0.2063	8.30E-4	1.65E-4	1.17E-4
	CC8	-0.1545	0.2986	-0.2276	9.78E-4	1.95E-4	1.35E-4
	CC9	0.0417	0.0697	-0.1280	2.89E-4	7.66E-5	-9.36E-5
	CC10	0.0354	0.2136	-0.1987	7.79E-4	1.75E-4	-3.50E-5
	CC11	-0.0504	0.2819	-0.2300	1.00E-3	2.22E-4	-2.02E-5
	CC12	-0.0568	0.4258	-0.3007	1.49E-3	3.21E-4	3.84E-5
	CC13	0.0533	-0.4297	0.1294	-1.51E-3	-3.26E-4	-4.60E-5
	CC14	0.0470	-0.2857	0.0588	-1.02E-3	-2.27E-4	1.26E-5
	CC15	-0.0388	-0.2174	0.0275	-8.02E-4	-1.80E-4	2.74E-5
	CC16	-0.0452	-0.0735	-0.0432	-3.12E-4	-8.15E-5	8.61E-5
259	CC1	-0.0009	-0.0117	-0.0259	1.84E-4	-3.29E-4	-2.74E-4
	CC2	-0.0008	-0.0101	-0.0342	2.03E-4	-2.83E-4	-2.38E-4
	CC3	-0.0013	-0.0157	0.0029	1.12E-4	-4.76E-4	-3.68E-4

	CC4	-0.0012	-0.0141	-0.0053	1.31E-4	-4.29E-4	-3.31E-4
	CC5	0.0012	0.0142	-0.1595	-1.37E-4	4.48E-4	3.33E-4
	CC6	0.0013	0.0158	-0.1678	-1.18E-4	4.94E-4	3.70E-4
	CC7	0.0008	0.0102	-0.1307	-2.09E-4	3.01E-4	2.40E-4
	CC8	0.0009	0.0118	-0.1390	-1.90E-4	3.48E-4	2.76E-4
	CC9	0.0001	0.0002	-0.0967	1.34E-4	5.99E-5	5.38E-6
	CC10	0.0006	0.0054	-0.1241	1.97E-4	2.15E-4	1.27E-4
	CC11	0.0008	0.0080	-0.1368	3.78E-5	2.93E-4	1.88E-4
	CC12	0.0012	0.0132	-0.1642	1.00E-4	4.48E-4	3.09E-4
	CC13	-0.0012	-0.0131	-0.0007	-1.06E-4	-4.29E-4	-3.07E-4
	CC14	-0.0008	-0.0079	-0.0281	-4.32E-5	-2.75E-4	-1.86E-4
	CC15	-0.0006	-0.0054	-0.0407	-2.02E-4	-1.96E-4	-1.25E-4
	CC16	-0.0001	-0.0002	-0.0682	-1.39E-4	-4.16E-5	-3.26E-6
260	CC1	0.1035	-0.2264	0.0444	-9.56E-4	-5.44E-4	-1.34E-4
	CC2	0.1011	-0.1942	0.0252	-8.18E-4	-5.51E-4	-1.17E-4
	CC3	0.1087	-0.3317	0.1106	-1.43E-3	-4.99E-4	-1.33E-4
	CC4	0.1064	-0.2995	0.0914	-1.29E-3	-5.06E-4	-1.15E-4
	CC5	-0.1098	0.2970	-0.2617	1.28E-3	5.11E-4	1.13E-4
	CC6	-0.1121	0.3292	-0.2809	1.42E-3	5.04E-4	1.31E-4
	CC7	-0.1046	0.1917	-0.1955	8.01E-4	5.56E-4	1.14E-4
	CC8	-0.1069	0.2239	-0.2147	9.39E-4	5.49E-4	1.32E-4
	CC9	0.0254	0.0424	-0.1178	2.22E-4	-2.20E-4	-6.85E-5
	CC10	0.0177	0.1490	-0.1814	6.81E-4	-2.42E-4	-1.13E-5
	CC11	-0.0386	0.1994	-0.2096	8.93E-4	9.65E-5	5.60E-6
	CC12	-0.0462	0.3060	-0.2732	1.35E-3	7.50E-5	6.28E-5
	CC13	0.0428	-0.3085	0.1029	-1.37E-3	-7.02E-5	-6.50E-5
	CC14	0.0351	-0.2019	0.0393	-9.09E-4	-9.16E-5	-7.76E-6
	CC15	-0.0212	-0.1515	0.0110	-6.97E-4	2.46E-4	9.16E-6
	CC16	-0.0289	-0.0449	-0.0525	-2.39E-4	2.25E-4	6.64E-5
261	CC1	0.0600	-0.1504	0.0279	-7.95E-4	-4.70E-4	-1.92E-4
	CC2	0.0576	-0.1292	0.0113	-6.81E-4	-4.65E-4	-1.66E-4
	CC3	0.0662	-0.2179	0.0842	-1.19E-3	-4.78E-4	-2.35E-4
	CC4	0.0639	-0.1967	0.0676	-1.08E-3	-4.73E-4	-2.09E-4
	CC5	-0.0666	0.1955	-0.2369	1.06E-3	4.84E-4	2.08E-4
	CC6	-0.0689	0.2167	-0.2535	1.18E-3	4.90E-4	2.34E-4
	CC7	-0.0603	0.1280	-0.1805	6.67E-4	4.76E-4	1.65E-4
	CC8	-0.0627	0.1492	-0.1972	7.82E-4	4.82E-4	1.92E-4
	CC9	0.0110	0.0249	-0.1114	1.86E-4	-1.34E-4	-3.19E-5
	CC10	0.0033	0.0951	-0.1663	5.65E-4	-1.16E-4	5.42E-5
	CC11	-0.0270	0.1287	-0.1908	7.43E-4	1.52E-4	8.81E-5
	CC12	-0.0347	0.1989	-0.2458	1.12E-3	1.71E-4	1.74E-4
	CC13	0.0319	-0.2001	0.0765	-1.14E-3	-1.59E-4	-1.74E-4
	CC14	0.0243	-0.1299	0.0215	-7.57E-4	-1.41E-4	-8.83E-5
	CC15	-0.0060	-0.0963	-0.0029	-5.79E-4	1.27E-4	-5.44E-5
	CC16	-0.0137	-0.0261	-0.0579	-1.99E-4	1.45E-4	3.17E-5
262	CC1	0.0265	-0.0834	0.0111	-8.15E-4	-3.03E-4	-2.67E-4
	CC2	0.0246	-0.0718	-0.0029	-6.99E-4	-3.01E-4	-2.31E-4
	CC3	0.0323	-0.1187	0.0580	-1.19E-3	-2.99E-4	-3.56E-4
	CC4	0.0304	-0.1071	0.0440	-1.07E-3	-2.97E-4	-3.19E-4
	CC5	-0.0320	0.1068	-0.2120	1.07E-3	3.11E-4	3.22E-4
	CC6	-0.0339	0.1184	-0.2259	1.18E-3	3.13E-4	3.58E-4
	CC7	-0.0262	0.0715	-0.1651	6.94E-4	3.15E-4	2.33E-4
	CC8	-0.0281	0.0831	-0.1791	8.10E-4	3.17E-4	2.70E-4
	CC9	0.0015	0.0110	-0.1055	1.47E-4	-9.55E-5	-4.23E-7
	CC10	-0.0049	0.0494	-0.1517	5.31E-4	-8.91E-5	1.21E-4
	CC11	-0.0160	0.0680	-0.1724	7.12E-4	8.87E-5	1.76E-4
	CC12	-0.0225	0.1065	-0.2187	1.10E-3	9.51E-5	2.98E-4
	CC13	0.0209	-0.1068	0.0507	-1.10E-3	-8.14E-5	-2.95E-4
	CC14	0.0144	-0.0683	0.0045	-7.17E-4	-7.50E-5	-1.74E-4
	CC15	0.0033	-0.0497	-0.0162	-5.36E-4	1.03E-4	-1.18E-4
	CC16	-0.0031	-0.0112	-0.0625	-1.52E-4	1.09E-4	3.16E-6
263	CC1	0.1685	-0.0161	-0.0003	1.18E-6	2.92E-4	-1.37E-4
	CC2	0.1616	-0.0094	-0.0028	2.25E-5	2.79E-4	-1.19E-4
	CC3	0.1660	-0.1955	-0.0118	-7.98E-4	2.88E-4	-1.23E-4
	CC4	0.1592	-0.1888	-0.0143	-7.76E-4	2.75E-4	-1.05E-4
	CC5	-0.1610	0.1839	-0.1889	7.40E-4	-2.62E-4	1.08E-4
	CC6	-0.1678	0.1906	-0.1914	7.61E-4	-2.75E-4	1.26E-4
	CC7	-0.1634	0.0045	-0.2004	-5.87E-5	-2.67E-4	1.22E-4
	CC8	-0.1703	0.0112	-0.2029	-3.75E-5	-2.79E-4	1.40E-4
	CC9	0.0639	0.2555	-0.0500	1.17E-3	1.18E-4	-8.83E-5
	CC10	0.0413	0.2777	-0.0584	1.24E-3	7.50E-5	-2.97E-5
	CC11	-0.0349	0.3155	-0.1066	1.39E-3	-4.86E-5	-1.49E-5



	CC12	-0.0575	0.3377	-0.1149	1.46E-3	-9.13E-5	4.37E-5
	CC13	0.0557	-0.3426	-0.0883	-1.50E-3	1.04E-4	-4.07E-5
	CC14	0.0331	-0.3204	-0.0966	-1.43E-3	6.11E-5	1.80E-5
	CC15	-0.0431	-0.2826	-0.1448	-1.27E-3	-6.25E-5	3.27E-5
	CC16	-0.0657	-0.2604	-0.1532	-1.20E-3	-1.05E-4	9.14E-5
264	CC1	0.1686	0.0060	-0.0078	8.81E-5	-3.70E-4	-1.37E-4
	CC2	0.1617	0.0098	-0.0100	9.84E-5	-3.54E-4	-1.20E-4
	CC3	0.1661	-0.1758	-0.0196	-7.25E-4	-3.73E-4	-1.23E-4
	CC4	0.1593	-0.1719	-0.0218	-7.14E-4	-3.57E-4	-1.05E-4
	CC5	-0.1609	0.1666	-0.1799	6.79E-4	3.60E-4	1.07E-4
	CC6	-0.1677	0.1705	-0.1821	6.90E-4	3.76E-4	1.25E-4
	CC7	-0.1633	-0.0151	-0.1916	-1.33E-4	3.58E-4	1.22E-4
	CC8	-0.1702	-0.0113	-0.1938	-1.23E-4	3.74E-4	1.39E-4
	CC9	0.0640	0.2698	-0.0517	1.23E-3	-1.31E-4	-8.89E-5
	CC10	0.0414	0.2825	-0.0590	1.27E-3	-7.71E-5	-3.03E-5
	CC11	-0.0348	0.3180	-0.1033	1.41E-3	8.86E-5	-1.55E-5
	CC12	-0.0574	0.3307	-0.1106	1.44E-3	1.42E-4	4.31E-5
	CC13	0.0558	-0.3360	-0.0910	-1.48E-3	-1.39E-4	-4.12E-5
	CC14	0.0332	-0.3233	-0.0983	-1.44E-3	-8.51E-5	1.74E-5
	CC15	-0.0430	-0.2879	-0.1426	-1.30E-3	8.06E-5	3.22E-5
	CC16	-0.0656	-0.2751	-0.1499	-1.27E-3	1.34E-4	9.08E-5
265	CC1	0.0000	0.0000	-0.0420	0.00E+0	0.00E+0	-1.05E-8
	CC2	0.0000	0.0000	-0.0424	0.00E+0	0.00E+0	-8.84E-9
	CC3	0.0000	0.0000	-0.0516	0.00E+0	0.00E+0	-1.29E-8
	CC4	0.0000	0.0000	-0.0521	0.00E+0	0.00E+0	-1.13E-8
	CC5	0.0000	0.0000	-0.1363	0.00E+0	0.00E+0	1.17E-8
	CC6	0.0000	0.0000	-0.1368	0.00E+0	0.00E+0	1.34E-8
	CC7	0.0000	0.0000	-0.1460	0.00E+0	0.00E+0	9.28E-9
	CC8	0.0000	0.0000	-0.1465	0.00E+0	0.00E+0	1.09E-8
	CC9	0.0000	0.0000	-0.0631	0.00E+0	0.00E+0	-1.81E-9
	CC10	0.0000	0.0000	-0.0647	0.00E+0	0.00E+0	3.66E-9
	CC11	0.0000	0.0000	-0.0914	0.00E+0	0.00E+0	4.85E-9
	CC12	0.0000	0.0000	-0.0931	0.00E+0	0.00E+0	1.03E-8
	CC13	0.0000	0.0000	-0.0954	0.00E+0	0.00E+0	-9.88E-9
	CC14	0.0000	0.0000	-0.0970	0.00E+0	0.00E+0	-4.40E-9
	CC15	0.0000	0.0000	-0.1237	0.00E+0	0.00E+0	-3.22E-9
	CC16	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	2.25E-9
266	CC1	0.0000	0.0000	-0.0510	0.00E+0	0.00E+0	2.52E-8
	CC2	0.0000	0.0000	-0.0511	0.00E+0	0.00E+0	2.16E-8
	CC3	0.0000	0.0000	-0.0607	0.00E+0	0.00E+0	3.56E-8
	CC4	0.0000	0.0000	-0.0608	0.00E+0	0.00E+0	3.20E-8
	CC5	0.0000	0.0000	-0.1282	0.00E+0	0.00E+0	-3.18E-8
	CC6	0.0000	0.0000	-0.1283	0.00E+0	0.00E+0	-3.54E-8
	CC7	0.0000	0.0000	-0.1379	0.00E+0	0.00E+0	-2.13E-8
	CC8	0.0000	0.0000	-0.1380	0.00E+0	0.00E+0	-2.49E-8
	CC9	0.0000	0.0000	-0.0666	0.00E+0	0.00E+0	-2.82E-9
	CC10	0.0000	0.0000	-0.0669	0.00E+0	0.00E+0	-1.47E-8
	CC11	0.0000	0.0000	-0.0897	0.00E+0	0.00E+0	-1.99E-8
	CC12	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	-3.18E-8
	CC13	0.0000	0.0000	-0.0990	0.00E+0	0.00E+0	3.20E-8
	CC14	0.0000	0.0000	-0.0993	0.00E+0	0.00E+0	2.02E-8
	CC15	0.0000	0.0000	-0.1221	0.00E+0	0.00E+0	1.49E-8
	CC16	0.0000	0.0000	-0.1225	0.00E+0	0.00E+0	3.08E-9
267	CC1	0.1281	-0.0240	-0.0110	-1.11E-4	-5.84E-4	-1.03E-4
	CC2	0.1230	-0.0180	-0.0130	-7.74E-5	-5.60E-4	-8.96E-5
	CC3	0.1261	-0.1358	-0.0217	-8.34E-4	-5.76E-4	-9.31E-5
	CC4	0.1209	-0.1298	-0.0237	-8.00E-4	-5.52E-4	-7.97E-5
	CC5	-0.1217	0.1279	-0.1772	7.78E-4	5.63E-4	8.25E-5
	CC6	-0.1269	0.1339	-0.1792	8.12E-4	5.87E-4	9.59E-5
	CC7	-0.1238	0.0161	-0.1879	5.53E-5	5.71E-4	9.25E-5
	CC8	-0.1289	0.0221	-0.1899	8.88E-5	5.95E-4	1.06E-4
	CC9	0.0490	0.1527	-0.0543	1.01E-3	-2.20E-4	-6.51E-5
	CC10	0.0320	0.1725	-0.0609	1.12E-3	-1.41E-4	-2.08E-5
	CC11	-0.0260	0.1983	-0.1041	1.27E-3	1.24E-4	-9.46E-6
	CC12	-0.0430	0.2181	-0.1107	1.38E-3	2.03E-4	3.48E-5
	CC13	0.0422	-0.2200	-0.0902	-1.40E-3	-1.93E-4	-3.20E-5
	CC14	0.0252	-0.2002	-0.0968	-1.29E-3	-1.14E-4	1.23E-5
	CC15	-0.0328	-0.1744	-0.1400	-1.14E-3	1.51E-4	2.37E-5
	CC16	-0.0498	-0.1546	-0.1466	-1.03E-3	2.30E-4	6.80E-5
268	CC1	0.0729	-0.0135	-0.0193	-1.21E-4	-6.52E-4	-6.88E-5
	CC2	0.0699	-0.0103	-0.0209	-9.06E-5	-6.26E-4	-5.98E-5
	CC3	0.0716	-0.0685	-0.0297	-6.94E-4	-6.42E-4	-6.24E-5

	CC4	0.0687	-0.0653	-0.0313	-6.64E-4	-6.16E-4	-5.34E-5
	CC5	-0.0690	0.0648	-0.1656	6.54E-4	6.20E-4	5.54E-5
	CC6	-0.0719	0.0679	-0.1671	6.84E-4	6.47E-4	6.44E-5
	CC7	-0.0702	0.0098	-0.1760	8.08E-5	6.31E-4	6.18E-5
	CC8	-0.0731	0.0129	-0.1775	1.11E-4	6.57E-4	7.07E-5
	CC9	0.0280	0.0744	-0.0565	7.83E-4	-2.49E-4	-4.31E-5
	CC10	0.0184	0.0848	-0.0617	8.84E-4	-1.62E-4	-1.35E-5
	CC11	-0.0146	0.0979	-0.1004	1.02E-3	1.33E-4	-5.82E-6
	CC12	-0.0242	0.1083	-0.1056	1.12E-3	2.19E-4	2.38E-5
	CC13	0.0240	-0.1089	-0.0913	-1.13E-3	-2.14E-4	-2.18E-5
	CC14	0.0143	-0.0985	-0.0964	-1.03E-3	-1.28E-4	7.80E-6
	CC15	-0.0186	-0.0854	-0.1351	-8.94E-4	1.67E-4	1.55E-5
	CC16	-0.0282	-0.0750	-0.1403	-7.93E-4	2.54E-4	4.50E-5
269	CC1	0.0224	-0.0041	-0.0293	-8.49E-5	-4.69E-4	-3.41E-5
	CC2	0.0216	-0.0032	-0.0304	-6.55E-5	-4.51E-4	-2.97E-5
	CC3	0.0221	-0.0192	-0.0393	-4.17E-4	-4.61E-4	-3.00E-5
	CC4	0.0212	-0.0183	-0.0404	-3.98E-4	-4.43E-4	-2.56E-5
	CC5	-0.0212	0.0182	-0.1522	3.96E-4	4.44E-4	2.66E-5
	CC6	-0.0221	0.0191	-0.1533	4.15E-4	4.63E-4	3.10E-5
	CC7	-0.0216	0.0031	-0.1623	6.31E-5	4.52E-4	3.07E-5
	CC8	-0.0225	0.0040	-0.1634	8.25E-5	4.71E-4	3.51E-5
	CC9	0.0086	0.0203	-0.0593	4.49E-4	-1.80E-4	-2.27E-5
	CC10	0.0057	0.0233	-0.0629	5.13E-4	-1.18E-4	-8.07E-6
	CC11	-0.0044	0.0270	-0.0962	5.93E-4	9.38E-5	-4.45E-6
	CC12	-0.0074	0.0300	-0.0998	6.57E-4	1.56E-4	1.01E-5
	CC13	0.0074	-0.0300	-0.0928	-6.60E-4	-1.54E-4	-9.13E-6
	CC14	0.0044	-0.0270	-0.0964	-5.96E-4	-9.20E-5	5.46E-6
	CC15	-0.0057	-0.0233	-0.1297	-5.15E-4	1.20E-4	9.09E-6
	CC16	-0.0087	-0.0203	-0.1333	-4.51E-4	1.82E-4	2.37E-5
270	CC1	0.1186	0.0094	-0.0533	8.91E-5	-5.92E-4	-9.63E-5
	CC2	0.1138	0.0110	-0.0534	9.68E-5	-5.68E-4	-8.38E-5
	CC3	0.1166	-0.1054	-0.0647	-6.57E-4	-5.84E-4	-9.11E-5
	CC4	0.1119	-0.1038	-0.0648	-6.49E-4	-5.60E-4	-7.86E-5
	CC5	-0.1131	0.1010	-0.1339	6.25E-4	5.64E-4	7.89E-5
	CC6	-0.1178	0.1027	-0.1340	6.32E-4	5.88E-4	9.14E-5
	CC7	-0.1151	-0.0137	-0.1453	-1.21E-4	5.72E-4	8.40E-5
	CC8	-0.1198	-0.0121	-0.1454	-1.14E-4	5.96E-4	9.65E-5
	CC9	0.0453	0.1735	-0.0680	1.14E-3	-2.24E-4	-5.54E-5
	CC10	0.0296	0.1788	-0.0685	1.16E-3	-1.44E-4	-1.40E-5
	CC11	-0.0242	0.2010	-0.0922	1.30E-3	1.23E-4	-2.83E-6
	CC12	-0.0399	0.2063	-0.0927	1.32E-3	2.03E-4	3.86E-5
	CC13	0.0387	-0.2091	-0.1060	-1.35E-3	-1.99E-4	-3.83E-5
	CC14	0.0230	-0.2037	-0.1065	-1.32E-3	-1.19E-4	3.10E-6
	CC15	-0.0308	-0.1816	-0.1302	-1.19E-3	1.48E-4	1.43E-5
	CC16	-0.0465	-0.1762	-0.1307	-1.16E-3	2.28E-4	5.57E-5
271	CC1	0.0686	0.0036	-0.0568	4.81E-5	-5.58E-4	-5.81E-5
	CC2	0.0659	0.0045	-0.0567	5.64E-5	-5.36E-4	-5.04E-5
	CC3	0.0673	-0.0527	-0.0676	-5.40E-4	-5.49E-4	-5.96E-5
	CC4	0.0646	-0.0518	-0.0675	-5.32E-4	-5.27E-4	-5.19E-5
	CC5	-0.0654	0.0507	-0.1281	5.18E-4	5.33E-4	5.20E-5
	CC6	-0.0681	0.0516	-0.1280	5.26E-4	5.55E-4	5.97E-5
	CC7	-0.0667	-0.0056	-0.1389	-7.03E-5	5.42E-4	5.05E-5
	CC8	-0.0694	-0.0047	-0.1389	-6.20E-5	5.64E-4	5.82E-5
	CC9	0.0263	0.0847	-0.0691	8.89E-4	-2.13E-4	-2.67E-5
	CC10	0.0173	0.0877	-0.0690	9.17E-4	-1.39E-4	-1.22E-6
	CC11	-0.0139	0.0989	-0.0905	1.03E-3	1.14E-4	6.35E-6
	CC12	-0.0229	0.1018	-0.0904	1.06E-3	1.88E-4	3.18E-5
	CC13	0.0221	-0.1029	-0.1052	-1.07E-3	-1.82E-4	-3.17E-5
	CC14	0.0131	-0.1000	-0.1051	-1.04E-3	-1.08E-4	-6.28E-6
	CC15	-0.0181	-0.0888	-0.1266	-9.31E-4	1.45E-4	1.29E-6
	CC16	-0.0271	-0.0858	-0.1265	-9.03E-4	2.19E-4	2.68E-5
272	CC1	0.0239	0.0008	-0.0596	1.92E-5	-4.54E-4	-2.60E-5
	CC2	0.0229	0.0010	-0.0594	2.48E-5	-4.36E-4	-2.25E-5
	CC3	0.0234	-0.0146	-0.0698	-3.21E-4	-4.45E-4	-2.90E-5
	CC4	0.0225	-0.0143	-0.0696	-3.16E-4	-4.27E-4	-2.55E-5
	CC5	-0.0228	0.0141	-0.1228	3.10E-4	4.34E-4	2.55E-5
	CC6	-0.0237	0.0144	-0.1226	3.15E-4	4.52E-4	2.90E-5
	CC7	-0.0232	-0.0013	-0.1330	-3.08E-5	4.42E-4	2.25E-5
	CC8	-0.0242	-0.0010	-0.1328	-2.51E-5	4.60E-4	2.60E-5
	CC9	0.0092	0.0231	-0.0700	5.11E-4	-1.74E-4	-8.48E-6
	CC10	0.0061	0.0239	-0.0693	5.30E-4	-1.15E-4	3.08E-6
	CC11	-0.0048	0.0271	-0.0890	5.99E-4	9.18E-5	6.97E-6

	CC12	-0.0079	0.0279	-0.0883	6.17E-4	1.51E-4	1.85E-5
	CC13	0.0076	-0.0282	-0.1041	-6.23E-4	-1.45E-4	-1.85E-5
	CC14	0.0045	-0.0273	-0.1034	-6.04E-4	-8.54E-5	-6.97E-6
	CC15	-0.0064	-0.0242	-0.1231	-5.36E-4	1.21E-4	-3.07E-6
	CC16	-0.0095	-0.0233	-0.1224	-5.17E-4	1.81E-4	8.49E-6
273	CC1	0.1688	0.0317	-0.0783	2.05E-4	-2.68E-4	-1.40E-4
	CC2	0.1620	0.0322	-0.0773	2.02E-4	-2.57E-4	-1.22E-4
	CC3	0.1663	-0.1527	-0.0900	-6.35E-4	-2.71E-4	-1.26E-4
	CC4	0.1595	-0.1522	-0.0890	-6.38E-4	-2.60E-4	-1.08E-4
	CC5	-0.1606	0.1469	-0.1134	6.05E-4	2.49E-4	1.05E-4
	CC6	-0.1674	0.1474	-0.1125	6.01E-4	2.60E-4	1.22E-4
	CC7	-0.1631	-0.0375	-0.1251	-2.35E-4	2.45E-4	1.19E-4
	CC8	-0.1699	-0.0370	-0.1242	-2.39E-4	2.56E-4	1.37E-4
	CC9	0.0643	0.2866	-0.0780	1.33E-3	-9.50E-5	-9.16E-5
	CC10	0.0417	0.2883	-0.0749	1.32E-3	-5.87E-5	-3.30E-5
	CC11	-0.0346	0.3211	-0.0885	1.45E-3	6.01E-5	-1.82E-5
	CC12	-0.0572	0.3229	-0.0854	1.44E-3	9.63E-5	4.04E-5
	CC13	0.0561	-0.3282	-0.1170	-1.47E-3	-1.08E-4	-4.40E-5
	CC14	0.0335	-0.3264	-0.1139	-1.48E-3	-7.13E-5	1.47E-5
	CC15	-0.0428	-0.2936	-0.1276	-1.35E-3	4.75E-5	2.94E-5
	CC16	-0.0653	-0.2919	-0.1244	-1.36E-3	8.37E-5	8.81E-5
274	CC1	0.1689	0.0443	-0.1183	2.64E-4	-3.32E-4	-1.41E-4
	CC2	0.1621	0.0433	-0.1162	2.54E-4	-3.17E-4	-1.23E-4
	CC3	0.1665	-0.1414	-0.1298	-5.89E-4	-3.34E-4	-1.27E-4
	CC4	0.1596	-0.1425	-0.1276	-5.99E-4	-3.20E-4	-1.09E-4
	CC5	-0.1604	0.1376	-0.0754	5.68E-4	3.15E-4	1.04E-4
	CC6	-0.1672	0.1365	-0.0733	5.57E-4	3.29E-4	1.21E-4
	CC7	-0.1629	-0.0481	-0.0869	-2.85E-4	3.12E-4	1.18E-4
	CC8	-0.1697	-0.0492	-0.0848	-2.96E-4	3.26E-4	1.36E-4
	CC9	0.0644	0.2949	-0.0924	1.38E-3	-1.18E-4	-9.24E-5
	CC10	0.0418	0.2913	-0.0854	1.34E-3	-7.18E-5	-3.38E-5
	CC11	-0.0344	0.3228	-0.0795	1.47E-3	7.56E-5	-1.90E-5
	CC12	-0.0570	0.3193	-0.0725	1.43E-3	1.22E-4	3.96E-5
	CC13	0.0562	-0.3242	-0.1306	-1.46E-3	-1.27E-4	-4.48E-5
	CC14	0.0336	-0.3277	-0.1236	-1.50E-3	-8.08E-5	1.39E-5
	CC15	-0.0426	-0.2962	-0.1177	-1.37E-3	6.66E-5	2.86E-5
	CC16	-0.0652	-0.2998	-0.1107	-1.41E-3	1.13E-4	8.73E-5
275	CC1	0.1690	0.1284	-0.1452	3.18E-4	-3.19E-4	-1.41E-4
	CC2	0.1622	0.1257	-0.1418	3.00E-4	-3.06E-4	-1.23E-4
	CC3	0.1666	-0.0586	-0.1564	-5.42E-4	-3.22E-4	-1.26E-4
	CC4	0.1598	-0.0613	-0.1530	-5.59E-4	-3.08E-4	-1.09E-4
	CC5	-0.1603	0.0569	-0.0504	5.27E-4	3.07E-4	1.04E-4
	CC6	-0.1671	0.0542	-0.0470	5.09E-4	3.20E-4	1.22E-4
	CC7	-0.1627	-0.1301	-0.0616	-3.33E-4	3.04E-4	1.18E-4
	CC8	-0.1695	-0.1328	-0.0582	-3.50E-4	3.17E-4	1.36E-4
	CC9	0.0645	0.3246	-0.1029	1.41E-3	-1.12E-4	-9.22E-5
	CC10	0.0420	0.3158	-0.0917	1.36E-3	-6.74E-5	-3.36E-5
	CC11	-0.0343	0.3032	-0.0745	1.48E-3	7.55E-5	-1.88E-5
	CC12	-0.0568	0.2943	-0.0632	1.42E-3	1.20E-4	3.98E-5
	CC13	0.0563	-0.2987	-0.1402	-1.45E-3	-1.22E-4	-4.46E-5
	CC14	0.0338	-0.3076	-0.1290	-1.51E-3	-7.72E-5	1.41E-5
	CC15	-0.0424	-0.3202	-0.1118	-1.39E-3	6.58E-5	2.88E-5
	CC16	-0.0650	-0.3291	-0.1005	-1.45E-3	1.11E-4	8.75E-5
276	CC1	0.0000	0.0000	-0.0712	0.00E+0	0.00E+0	4.38E-8
	CC2	0.0000	0.0000	-0.0704	0.00E+0	0.00E+0	3.78E-8
	CC3	0.0000	0.0000	-0.0808	0.00E+0	0.00E+0	5.48E-8
	CC4	0.0000	0.0000	-0.0800	0.00E+0	0.00E+0	4.88E-8
	CC5	0.0000	0.0000	-0.1092	0.00E+0	0.00E+0	-4.86E-8
	CC6	0.0000	0.0000	-0.1084	0.00E+0	0.00E+0	-5.45E-8
	CC7	0.0000	0.0000	-0.1188	0.00E+0	0.00E+0	-3.76E-8
	CC8	0.0000	0.0000	-0.1180	0.00E+0	0.00E+0	-4.36E-8
	CC9	0.0000	0.0000	-0.0742	0.00E+0	0.00E+0	5.57E-9
	CC10	0.0000	0.0000	-0.0716	0.00E+0	0.00E+0	-1.43E-8
	CC11	0.0000	0.0000	-0.0856	0.00E+0	0.00E+0	-2.21E-8
	CC12	0.0000	0.0000	-0.0830	0.00E+0	0.00E+0	-4.20E-8
	CC13	0.0000	0.0000	-0.1062	0.00E+0	0.00E+0	4.22E-8
	CC14	0.0000	0.0000	-0.1036	0.00E+0	0.00E+0	2.23E-8
	CC15	0.0000	0.0000	-0.1176	0.00E+0	0.00E+0	1.45E-8
	CC16	0.0000	0.0000	-0.1150	0.00E+0	0.00E+0	-5.36E-9
277	CC1	0.0000	0.0000	-0.0745	0.00E+0	0.00E+0	-3.29E-8
	CC2	0.0000	0.0000	-0.0733	0.00E+0	0.00E+0	-2.85E-8
	CC3	0.0000	0.0000	-0.0840	0.00E+0	0.00E+0	-3.84E-8

	CC4	0.0000	0.0000	-0.0829	0.00E+0	0.00E+0	-3.40E-8
	CC5	0.0000	0.0000	-0.1063	0.00E+0	0.00E+0	3.32E-8
	CC6	0.0000	0.0000	-0.1051	0.00E+0	0.00E+0	3.76E-8
	CC7	0.0000	0.0000	-0.1158	0.00E+0	0.00E+0	2.77E-8
	CC8	0.0000	0.0000	-0.1146	0.00E+0	0.00E+0	3.21E-8
	CC9	0.0000	0.0000	-0.0759	0.00E+0	0.00E+0	-8.39E-9
	CC10	0.0000	0.0000	-0.0720	0.00E+0	0.00E+0	6.12E-9
	CC11	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	1.14E-8
	CC12	0.0000	0.0000	-0.0815	0.00E+0	0.00E+0	2.59E-8
	CC13	0.0000	0.0000	-0.1076	0.00E+0	0.00E+0	-2.68E-8
	CC14	0.0000	0.0000	-0.1037	0.00E+0	0.00E+0	-1.23E-8
	CC15	0.0000	0.0000	-0.1172	0.00E+0	0.00E+0	-6.95E-9
	CC16	0.0000	0.0000	-0.1133	0.00E+0	0.00E+0	7.55E-9
278	CC1	0.0000	0.0000	-0.1072	0.00E+0	0.00E+0	7.99E-8
	CC2	0.0000	0.0000	-0.1056	0.00E+0	0.00E+0	6.93E-8
	CC3	0.0000	0.0000	-0.1166	0.00E+0	0.00E+0	9.20E-8
	CC4	0.0000	0.0000	-0.1151	0.00E+0	0.00E+0	8.15E-8
	CC5	0.0000	0.0000	-0.0739	0.00E+0	0.00E+0	-7.91E-8
	CC6	0.0000	0.0000	-0.0724	0.00E+0	0.00E+0	-8.96E-8
	CC7	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	-6.69E-8
	CC8	0.0000	0.0000	-0.0818	0.00E+0	0.00E+0	-7.75E-8
	CC9	0.0000	0.0000	-0.0864	0.00E+0	0.00E+0	2.22E-8
	CC10	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	-1.27E-8
	CC11	0.0000	0.0000	-0.0764	0.00E+0	0.00E+0	-2.55E-8
	CC12	0.0000	0.0000	-0.0713	0.00E+0	0.00E+0	-6.04E-8
	CC13	0.0000	0.0000	-0.1177	0.00E+0	0.00E+0	6.28E-8
	CC14	0.0000	0.0000	-0.1126	0.00E+0	0.00E+0	2.78E-8
	CC15	0.0000	0.0000	-0.1077	0.00E+0	0.00E+0	1.51E-8
	CC16	0.0000	0.0000	-0.1026	0.00E+0	0.00E+0	-1.98E-8
279	CC1	0.1185	0.0772	-0.1654	4.77E-4	-5.89E-4	-1.01E-4
	CC2	0.1138	0.0748	-0.1610	4.59E-4	-5.66E-4	-8.80E-5
	CC3	0.1166	-0.0400	-0.1758	-2.94E-4	-5.81E-4	-9.43E-5
	CC4	0.1119	-0.0424	-0.1715	-3.12E-4	-5.57E-4	-8.14E-5
	CC5	-0.1122	0.0408	-0.0286	2.92E-4	5.61E-4	7.89E-5
	CC6	-0.1169	0.0383	-0.0243	2.74E-4	5.85E-4	9.18E-5
	CC7	-0.1141	-0.0764	-0.0391	-4.79E-4	5.70E-4	8.55E-5
	CC8	-0.1188	-0.0788	-0.0347	-4.97E-4	5.93E-4	9.83E-5
	CC9	0.0454	0.2040	-0.1104	1.33E-3	-2.24E-4	-6.04E-5
	CC10	0.0298	0.1959	-0.0960	1.27E-3	-1.45E-4	-1.79E-5
	CC11	-0.0238	0.1931	-0.0693	1.28E-3	1.22E-4	-6.45E-6
	CC12	-0.0394	0.1849	-0.0550	1.22E-3	2.00E-4	3.60E-5
	CC13	0.0391	-0.1866	-0.1451	-1.24E-3	-1.96E-4	-3.86E-5
	CC14	0.0235	-0.1947	-0.1308	-1.30E-3	-1.18E-4	3.92E-6
	CC15	-0.0301	-0.1975	-0.1041	-1.29E-3	1.49E-4	1.54E-5
	CC16	-0.0457	-0.2057	-0.0898	-1.35E-3	2.28E-4	5.78E-5
280	CC1	0.0678	0.0388	-0.1479	3.96E-4	-5.65E-4	-6.39E-5
	CC2	0.0651	0.0376	-0.1443	3.83E-4	-5.42E-4	-5.57E-5
	CC3	0.0667	-0.0183	-0.1579	-2.05E-4	-5.56E-4	-6.29E-5
	CC4	0.0640	-0.0195	-0.1543	-2.17E-4	-5.33E-4	-5.47E-5
	CC5	-0.0640	0.0191	-0.0421	2.09E-4	5.37E-4	5.28E-5
	CC6	-0.0667	0.0179	-0.0384	1.97E-4	5.60E-4	6.10E-5
	CC7	-0.0651	-0.0381	-0.0521	-3.91E-4	5.46E-4	5.38E-5
	CC8	-0.0678	-0.0392	-0.0485	-4.04E-4	5.69E-4	6.20E-5
	CC9	0.0261	0.0998	-0.1034	1.05E-3	-2.16E-4	-3.37E-5
	CC10	0.0172	0.0960	-0.0914	1.00E-3	-1.41E-4	-6.59E-6
	CC11	-0.0134	0.0939	-0.0716	9.90E-4	1.15E-4	1.32E-6
	CC12	-0.0223	0.0901	-0.0596	9.48E-4	1.89E-4	2.84E-5
	CC13	0.0223	-0.0906	-0.1367	-9.56E-4	-1.85E-4	-3.03E-5
	CC14	0.0135	-0.0943	-0.1248	-9.98E-4	-1.11E-4	-3.18E-6
	CC15	-0.0172	-0.0965	-0.1050	-1.01E-3	1.45E-4	4.73E-6
	CC16	-0.0261	-0.1002	-0.0930	-1.05E-3	2.20E-4	3.18E-5
281	CC1	0.0228	0.0108	-0.1278	2.36E-4	-4.39E-4	-3.01E-5
	CC2	0.0219	0.0105	-0.1250	2.29E-4	-4.22E-4	-2.62E-5
	CC3	0.0224	-0.0048	-0.1374	-1.08E-4	-4.32E-4	-3.15E-5
	CC4	0.0215	-0.0051	-0.1346	-1.15E-4	-4.15E-4	-2.76E-5
	CC5	-0.0214	0.0050	-0.0580	1.13E-4	4.14E-4	2.67E-5
	CC6	-0.0223	0.0047	-0.0552	1.06E-4	4.32E-4	3.06E-5
	CC7	-0.0218	-0.0105	-0.0676	-2.31E-4	4.22E-4	2.53E-5
	CC8	-0.0227	-0.0108	-0.0648	-2.38E-4	4.39E-4	2.92E-5
	CC9	0.0088	0.0272	-0.0953	6.02E-4	-1.69E-4	-1.30E-5
	CC10	0.0059	0.0262	-0.0861	5.80E-4	-1.12E-4	-1.09E-7
	CC11	-0.0044	0.0255	-0.0744	5.65E-4	8.68E-5	4.03E-6

	CC12	-0.0074	0.0245	-0.0652	5.43E-4	1.44E-4	1.69E-5
	CC13	0.0075	-0.0245	-0.1274	-5.44E-4	-1.44E-4	-1.79E-5
	CC14	0.0046	-0.0255	-0.1182	-5.67E-4	-8.69E-5	-4.96E-6
	CC15	-0.0057	-0.0263	-0.1065	-5.81E-4	1.12E-4	-8.23E-7
	CC16	-0.0087	-0.0273	-0.0973	-6.04E-4	1.69E-4	1.21E-5
282	CC1	0.1474	0.0182	-0.0086	8.47E-5	-5.74E-4	-1.37E-4
	CC2	0.1471	0.0205	-0.0054	8.25E-5	-5.72E-4	-1.19E-4
	CC3	0.1520	-0.1648	-0.0382	-3.82E-4	-5.67E-4	-1.23E-4
	CC4	0.1517	-0.1625	-0.0350	-3.84E-4	-5.66E-4	-1.05E-4
	CC5	-0.1536	0.1572	-0.1486	3.56E-4	5.71E-4	1.08E-4
	CC6	-0.1539	0.1595	-0.1454	3.54E-4	5.73E-4	1.25E-4
	CC7	-0.1490	-0.0258	-0.1782	-1.10E-4	5.78E-4	1.22E-4
	CC8	-0.1493	-0.0235	-0.1750	-1.13E-4	5.79E-4	1.40E-4
	CC9	0.0371	0.2778	-0.0268	7.26E-4	-1.83E-4	-8.86E-5
	CC10	0.0361	0.2853	-0.0163	7.19E-4	-1.77E-4	-3.00E-5
	CC11	-0.0532	0.3195	-0.0688	8.08E-4	1.61E-4	-1.52E-5
	CC12	-0.0542	0.3270	-0.0583	8.01E-4	1.66E-4	4.34E-5
	CC13	0.0523	-0.3323	-0.1253	-8.28E-4	-1.61E-4	-4.10E-5
	CC14	0.0513	-0.3247	-0.1148	-8.36E-4	-1.55E-4	1.76E-5
	CC15	-0.0380	-0.2906	-0.1673	-7.47E-4	1.83E-4	3.24E-5
	CC16	-0.0390	-0.2830	-0.1568	-7.54E-4	1.88E-4	9.10E-5
283	CC1	0.1439	0.0174	-0.0169	1.09E-4	-5.83E-4	-1.35E-4
	CC2	0.1450	0.0198	-0.0136	1.08E-4	-5.88E-4	-1.18E-4
	CC3	0.1494	-0.1656	-0.0028	-4.30E-4	-5.97E-4	-1.21E-4
	CC4	0.1505	-0.1631	0.0005	-4.32E-4	-6.02E-4	-1.03E-4
	CC5	-0.1521	0.1582	-0.1817	4.01E-4	6.05E-4	1.09E-4
	CC6	-0.1509	0.1606	-0.1784	3.99E-4	6.01E-4	1.27E-4
	CC7	-0.1465	-0.0247	-0.1676	-1.39E-4	5.91E-4	1.24E-4
	CC8	-0.1454	-0.0223	-0.1643	-1.40E-4	5.87E-4	1.41E-4
	CC9	0.0325	0.2773	-0.0948	8.42E-4	-1.46E-4	-8.68E-5
	CC10	0.0362	0.2852	-0.0838	8.38E-4	-1.60E-4	-2.82E-5
	CC11	-0.0563	0.3195	-0.1442	9.30E-4	2.10E-4	-1.34E-5
	CC12	-0.0525	0.3275	-0.1333	9.25E-4	1.96E-4	4.52E-5
	CC13	0.0510	-0.3324	-0.0480	-9.56E-4	-1.93E-4	-3.91E-5
	CC14	0.0547	-0.3245	-0.0370	-9.61E-4	-2.07E-4	1.95E-5
	CC15	-0.0378	-0.2902	-0.0974	-8.69E-4	1.63E-4	3.43E-5
	CC16	-0.0341	-0.2822	-0.0864	-8.73E-4	1.49E-4	9.29E-5
284	CC1	0.1406	0.0164	-0.0213	4.14E-5	-5.60E-4	-1.36E-4
	CC2	0.1431	0.0190	-0.0178	3.84E-5	-5.70E-4	-1.18E-4
	CC3	0.1471	-0.1664	0.0350	-4.58E-4	-5.84E-4	-1.21E-4
	CC4	0.1497	-0.1638	0.0385	-4.61E-4	-5.94E-4	-1.04E-4
	CC5	-0.1508	0.1591	-0.2172	4.30E-4	5.92E-4	1.09E-4
	CC6	-0.1482	0.1616	-0.2137	4.27E-4	5.82E-4	1.27E-4
	CC7	-0.1442	-0.0237	-0.1609	-6.96E-5	5.69E-4	1.23E-4
	CC8	-0.1417	-0.0212	-0.1574	-7.25E-5	5.59E-4	1.41E-4
	CC9	0.0280	0.2767	-0.1597	7.63E-4	-1.18E-4	-8.72E-5
	CC10	0.0365	0.2851	-0.1480	7.53E-4	-1.52E-4	-2.86E-5
	CC11	-0.0594	0.3195	-0.2185	8.79E-4	2.28E-4	-1.38E-5
	CC12	-0.0509	0.3279	-0.2068	8.70E-4	1.94E-4	4.48E-5
	CC13	0.0498	-0.3326	0.0281	-9.01E-4	-1.96E-4	-3.96E-5
	CC14	0.0583	-0.3242	0.0397	-9.10E-4	-2.29E-4	1.91E-5
	CC15	-0.0376	-0.2898	-0.0307	-7.84E-4	1.50E-4	3.38E-5
	CC16	-0.0291	-0.2814	-0.0190	-7.94E-4	1.16E-4	9.25E-5
285	CC1	0.0000	0.0000	-0.0513	0.00E+0	0.00E+0	6.64E-8
	CC2	0.0000	0.0000	-0.0493	0.00E+0	0.00E+0	5.76E-8
	CC3	0.0000	0.0000	-0.0446	0.00E+0	0.00E+0	7.29E-8
	CC4	0.0000	0.0000	-0.0426	0.00E+0	0.00E+0	6.41E-8
	CC5	0.0000	0.0000	-0.1282	0.00E+0	0.00E+0	-6.60E-8
	CC6	0.0000	0.0000	-0.1262	0.00E+0	0.00E+0	-7.49E-8
	CC7	0.0000	0.0000	-0.1216	0.00E+0	0.00E+0	-5.95E-8
	CC8	0.0000	0.0000	-0.1196	0.00E+0	0.00E+0	-6.84E-8
	CC9	0.0000	0.0000	-0.0883	0.00E+0	0.00E+0	2.27E-8
	CC10	0.0000	0.0000	-0.0817	0.00E+0	0.00E+0	-6.65E-9
	CC11	0.0000	0.0000	-0.1114	0.00E+0	0.00E+0	-1.70E-8
	CC12	0.0000	0.0000	-0.1048	0.00E+0	0.00E+0	-4.64E-8
	CC13	0.0000	0.0000	-0.0660	0.00E+0	0.00E+0	4.44E-8
	CC14	0.0000	0.0000	-0.0595	0.00E+0	0.00E+0	1.51E-8
	CC15	0.0000	0.0000	-0.0891	0.00E+0	0.00E+0	4.69E-9
	CC16	0.0000	0.0000	-0.0825	0.00E+0	0.00E+0	-2.47E-8
286	CC1	0.0000	0.0000	-0.0535	0.00E+0	0.00E+0	-1.83E-8
	CC2	0.0000	0.0000	-0.0515	0.00E+0	0.00E+0	-1.59E-8
	CC3	0.0000	0.0000	-0.0434	0.00E+0	0.00E+0	-1.93E-8

	CC4	0.0000	0.0000	-0.0414	0.00E+0	0.00E+0	-1.69E-8
	CC5	0.0000	0.0000	-0.1292	0.00E+0	0.00E+0	1.75E-8
	CC6	0.0000	0.0000	-0.1272	0.00E+0	0.00E+0	1.99E-8
	CC7	0.0000	0.0000	-0.1191	0.00E+0	0.00E+0	1.65E-8
	CC8	0.0000	0.0000	-0.1171	0.00E+0	0.00E+0	1.89E-8
	CC9	0.0000	0.0000	-0.0940	0.00E+0	0.00E+0	-7.48E-9
	CC10	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	5.52E-1
	CC11	0.0000	0.0000	-0.1167	0.00E+0	0.00E+0	3.25E-9
	CC12	0.0000	0.0000	-0.1102	0.00E+0	0.00E+0	1.13E-8
	CC13	0.0000	0.0000	-0.0604	0.00E+0	0.00E+0	-1.07E-8
	CC14	0.0000	0.0000	-0.0539	0.00E+0	0.00E+0	-2.65E-9
	CC15	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	4.98E-11
	CC16	0.0000	0.0000	-0.0766	0.00E+0	0.00E+0	8.09E-9
287	CC1	0.0000	0.0000	-0.0559	0.00E+0	0.00E+0	7.96E-9
	CC2	0.0000	0.0000	-0.0540	0.00E+0	0.00E+0	7.56E-9
	CC3	0.0000	0.0000	-0.0425	0.00E+0	0.00E+0	7.83E-9
	CC4	0.0000	0.0000	-0.0406	0.00E+0	0.00E+0	7.44E-9
	CC5	0.0000	0.0000	-0.1298	0.00E+0	0.00E+0	-8.01E-9
	CC6	0.0000	0.0000	-0.1279	0.00E+0	0.00E+0	-8.41E-9
	CC7	0.0000	0.0000	-0.1164	0.00E+0	0.00E+0	-8.14E-9
	CC8	0.0000	0.0000	-0.1144	0.00E+0	0.00E+0	-8.54E-9
	CC9	0.0000	0.0000	-0.0997	0.00E+0	0.00E+0	2.98E-9
	CC10	0.0000	0.0000	-0.0934	0.00E+0	0.00E+0	1.66E-9
	CC11	0.0000	0.0000	-0.1219	0.00E+0	0.00E+0	-1.81E-9
	CC12	0.0000	0.0000	-0.1155	0.00E+0	0.00E+0	-3.13E-9
	CC13	0.0000	0.0000	-0.0549	0.00E+0	0.00E+0	2.55E-9
	CC14	0.0000	0.0000	-0.0485	0.00E+0	0.00E+0	1.24E-9
	CC15	0.0000	0.0000	-0.0770	0.00E+0	0.00E+0	-2.24E-9
	CC16	0.0000	0.0000	-0.0707	0.00E+0	0.00E+0	-3.56E-9
288	CC1	0.1042	0.0082	-0.0093	9.35E-5	-5.85E-4	-1.02E-4
	CC2	0.1031	0.0100	-0.0064	9.95E-5	-5.78E-4	-8.85E-5
	CC3	0.1058	-0.1133	-0.0656	-5.80E-4	-5.97E-4	-9.16E-5
	CC4	0.1047	-0.1115	-0.0627	-5.74E-4	-5.90E-4	-7.85E-5
	CC5	-0.1061	0.1081	-0.1195	5.54E-4	5.99E-4	8.10E-5
	CC6	-0.1072	0.1098	-0.1166	5.60E-4	6.05E-4	9.41E-5
	CC7	-0.1045	-0.0135	-0.1758	-1.20E-4	5.87E-4	9.10E-5
	CC8	-0.1056	-0.0117	-0.1729	-1.14E-4	5.94E-4	1.04E-4
	CC9	0.0300	0.1829	0.0144	1.03E-3	-1.65E-4	-6.46E-5
	CC10	0.0263	0.1888	0.0241	1.05E-3	-1.42E-4	-2.11E-5
	CC11	-0.0331	0.2128	-0.0186	1.17E-3	1.90E-4	-9.85E-6
	CC12	-0.0368	0.2188	-0.0090	1.19E-3	2.13E-4	3.37E-5
	CC13	0.0354	-0.2222	-0.1732	-1.21E-3	-2.04E-4	-3.12E-5
	CC14	0.0317	-0.2163	-0.1636	-1.19E-3	-1.81E-4	1.24E-5
	CC15	-0.0277	-0.1923	-0.2063	-1.07E-3	1.51E-4	2.36E-5
	CC16	-0.0314	-0.1863	-0.1967	-1.05E-3	1.74E-4	6.72E-5
289	CC1	0.0546	0.0615	-0.0215	4.66E-5	-5.42E-4	-6.69E-5
	CC2	0.0541	0.0627	-0.0188	5.47E-5	-5.36E-4	-5.82E-5
	CC3	0.0554	-0.0052	-0.0601	-5.40E-4	-5.36E-4	-6.19E-5
	CC4	0.0548	-0.0040	-0.0574	-5.32E-4	-5.31E-4	-5.32E-5
	CC5	-0.0555	0.0021	-0.1212	5.16E-4	5.39E-4	5.54E-5
	CC6	-0.0561	0.0033	-0.1185	5.24E-4	5.44E-4	6.41E-5
	CC7	-0.0547	-0.0646	-0.1598	-7.09E-5	5.44E-4	6.04E-5
	CC8	-0.0553	-0.0634	-0.1571	-6.28E-5	5.49E-4	6.91E-5
	CC9	0.0158	0.1172	-0.0145	8.86E-4	-1.76E-4	-4.00E-5
	CC10	0.0140	0.1211	-0.0056	9.13E-4	-1.57E-4	-1.12E-5
	CC11	-0.0172	0.0994	-0.0444	1.03E-3	1.48E-4	-3.32E-6
	CC12	-0.0191	0.1032	-0.0355	1.05E-3	1.67E-4	2.55E-5
	CC13	0.0184	-0.1052	-0.1431	-1.07E-3	-1.59E-4	-2.33E-5
	CC14	0.0166	-0.1013	-0.1343	-1.04E-3	-1.41E-4	5.49E-6
	CC15	-0.0146	-0.1230	-0.1730	-9.29E-4	1.65E-4	1.34E-5
	CC16	-0.0165	-0.1191	-0.1642	-9.02E-4	1.84E-4	4.22E-5
290	CC1	0.0156	0.0208	-0.0348	4.03E-4	-3.44E-4	-3.32E-5
	CC2	0.0155	0.0212	-0.0324	4.11E-4	-3.40E-4	-2.89E-5
	CC3	0.0160	-0.0010	-0.0538	-2.75E-5	-3.39E-4	-3.26E-5
	CC4	0.0158	-0.0006	-0.0514	-1.96E-5	-3.36E-4	-2.83E-5
	CC5	-0.0160	-0.0001	-0.1235	7.06E-6	3.41E-4	2.93E-5
	CC6	-0.0161	0.0003	-0.1211	1.50E-5	3.44E-4	3.37E-5
	CC7	-0.0156	-0.0219	-0.1425	-4.23E-4	3.45E-4	3.00E-5
	CC8	-0.0158	-0.0214	-0.1402	-4.15E-4	3.48E-4	3.43E-5
	CC9	0.0043	0.0383	-0.0464	7.57E-4	-1.13E-4	-1.70E-5
	CC10	0.0038	0.0398	-0.0386	7.83E-4	-1.02E-4	-2.68E-6
	CC11	-0.0051	0.0321	-0.0730	6.38E-4	9.23E-5	1.73E-6

	CC12	-0.0057	0.0335	-0.0652	6.64E-4	1.03E-4	1.61E-5
	CC13	0.0055	-0.0342	-0.1098	-6.77E-4	-9.85E-5	-1.50E-5
	CC14	0.0050	-0.0327	-0.1019	-6.51E-4	-8.75E-5	-6.47E-7
	CC15	-0.0040	-0.0404	-0.1364	-7.96E-4	1.07E-4	3.76E-6
	CC16	-0.0045	-0.0390	-0.1286	-7.69E-4	1.18E-4	1.81E-5
291	CC1	0.1003	0.0079	-0.0276	4.88E-5	-4.16E-4	-8.08E-5
	CC2	0.1032	0.0099	-0.0243	5.99E-5	-4.28E-4	-6.95E-5
	CC3	0.1039	-0.1149	0.0537	-6.64E-4	-4.63E-4	-1.09E-4
	CC4	0.1068	-0.1129	0.0571	-6.53E-4	-4.76E-4	-9.75E-5
	CC5	-0.1079	0.1107	-0.2321	6.31E-4	4.75E-4	9.80E-5
	CC6	-0.1050	0.1127	-0.2287	6.42E-4	4.63E-4	1.09E-4
	CC7	-0.1043	-0.0121	-0.1508	-8.24E-5	4.28E-4	7.00E-5
	CC8	-0.1014	-0.0101	-0.1474	-7.13E-5	4.15E-4	8.12E-5
	CC9	0.0198	0.1848	-0.1979	1.07E-3	-3.39E-5	1.49E-6
	CC10	0.0294	0.1915	-0.1867	1.11E-3	-7.50E-5	3.86E-5
	CC11	-0.0427	0.2156	-0.2593	1.25E-3	2.33E-4	5.51E-5
	CC12	-0.0331	0.2224	-0.2481	1.28E-3	1.92E-4	9.23E-5
	CC13	0.0319	-0.2246	0.0731	-1.31E-3	-1.93E-4	-9.19E-5
	CC14	0.0415	-0.2178	0.0843	-1.27E-3	-2.34E-4	-5.47E-5
	CC15	-0.0305	-0.1937	0.0117	-1.13E-3	7.47E-5	-3.82E-5
	CC16	-0.0209	-0.1870	0.0229	-1.09E-3	3.36E-5	-1.07E-6
292	CC1	0.0648	0.0030	-0.0341	5.56E-5	-3.41E-4	1.10E-4
	CC2	0.0667	0.0043	-0.0312	6.13E-5	-3.50E-4	1.17E-4
	CC3	0.0655	-0.0679	0.0284	-4.35E-4	-3.63E-4	4.35E-5
	CC4	0.0674	-0.0666	0.0313	-4.29E-4	-3.72E-4	5.10E-5
	CC5	-0.0686	0.0659	-0.2050	4.14E-4	3.70E-4	-5.14E-5
	CC6	-0.0667	0.0673	-0.2021	4.20E-4	3.61E-4	-4.39E-5
	CC7	-0.0679	-0.0049	-0.1425	-7.57E-5	3.48E-4	-1.18E-4
	CC8	-0.0660	-0.0036	-0.1396	-6.99E-5	3.39E-4	-1.10E-4
	CC9	0.0150	0.1062	-0.1703	7.46E-4	-5.73E-5	1.22E-4
	CC10	0.0213	0.1105	-0.1605	7.65E-4	-8.64E-5	1.47E-4
	CC11	-0.0250	0.1251	-0.2215	8.54E-4	1.56E-4	7.38E-5
	CC12	-0.0187	0.1294	-0.2118	8.73E-4	1.27E-4	9.87E-5
	CC13	0.0175	-0.1301	0.0381	-8.87E-4	-1.29E-4	-9.91E-5
	CC14	0.0238	-0.1257	0.0478	-8.68E-4	-1.58E-4	-7.43E-5
	CC15	-0.0225	-0.1112	-0.0132	-7.80E-4	8.41E-5	-1.48E-4
	CC16	-0.0162	-0.1068	-0.0035	-7.61E-4	5.51E-5	-1.23E-4
293	CC1	0.0297	0.0274	-0.0440	5.10E-4	-5.58E-4	1.38E-4
	CC2	0.0306	0.0280	-0.0415	5.21E-4	-5.74E-4	1.44E-4
	CC3	0.0291	-0.0008	-0.0025	-2.21E-5	-5.47E-4	3.89E-5
	CC4	0.0300	-0.0002	0.0000	-1.13E-5	-5.63E-4	4.46E-5
	CC5	-0.0308	0.0003	-0.1722	1.05E-5	5.77E-4	-4.45E-5
	CC6	-0.0299	0.0009	-0.1697	2.13E-5	5.60E-4	-3.88E-5
	CC7	-0.0314	-0.0279	-0.1307	-5.22E-4	5.88E-4	-1.44E-4
	CC8	-0.0305	-0.0273	-0.1282	-5.11E-4	5.71E-4	-1.38E-4
	CC9	0.0081	0.0501	-0.1401	9.43E-4	-1.54E-4	1.83E-4
	CC10	0.0111	0.0521	-0.1319	9.79E-4	-2.09E-4	2.02E-4
	CC11	-0.0100	0.0419	-0.1786	7.93E-4	1.86E-4	1.29E-4
	CC12	-0.0071	0.0439	-0.1704	8.29E-4	1.31E-4	1.47E-4
	CC13	0.0063	-0.0438	-0.0018	-8.30E-4	-1.18E-4	-1.47E-4
	CC14	0.0092	-0.0418	0.0064	-7.94E-4	-1.73E-4	-1.28E-4
	CC15	-0.0119	-0.0520	-0.0403	-9.80E-4	2.23E-4	-2.02E-4
	CC16	-0.0089	-0.0500	-0.0321	-9.44E-4	1.68E-4	-1.83E-4
294	CC1	0.1407	0.1231	-0.1357	3.58E-4	-4.97E-4	-1.35E-4
	CC2	0.1436	0.1130	-0.1356	3.55E-4	-5.04E-4	-1.17E-4
	CC3	0.1475	-0.0699	-0.1095	1.69E-4	-5.06E-4	-1.21E-4
	CC4	0.1503	-0.0801	-0.1094	1.66E-4	-5.14E-4	-1.03E-4
	CC5	-0.1498	0.0776	-0.0692	-1.47E-4	5.12E-4	1.10E-4
	CC6	-0.1470	0.0674	-0.0691	-1.50E-4	5.04E-4	1.27E-4
	CC7	-0.1430	-0.1155	-0.0430	-3.36E-4	5.02E-4	1.24E-4
	CC8	-0.1402	-0.1256	-0.0430	-3.39E-4	4.95E-4	1.42E-4
	CC9	0.0280	0.3441	-0.1430	4.05E-4	-1.24E-4	-8.65E-5
	CC10	0.0373	0.3105	-0.1428	3.95E-4	-1.49E-4	-2.79E-5
	CC11	-0.0592	0.3305	-0.1231	2.53E-4	1.78E-4	-1.31E-5
	CC12	-0.0499	0.2969	-0.1229	2.43E-4	1.53E-4	4.55E-5
	CC13	0.0504	-0.2993	-0.0558	-2.24E-4	-1.55E-4	-3.88E-5
	CC14	0.0597	-0.3329	-0.0555	-2.34E-4	-1.81E-4	1.98E-5
	CC15	-0.0368	-0.3130	-0.0358	-3.76E-4	1.47E-4	3.46E-5
	CC16	-0.0274	-0.3466	-0.0356	-3.86E-4	1.22E-4	9.32E-5
295	CC1	0.1442	0.1236	-0.1158	2.45E-4	-5.26E-4	-1.35E-4
	CC2	0.1455	0.1133	-0.1161	2.41E-4	-5.29E-4	-1.17E-4
	CC3	0.1498	-0.0696	-0.1029	9.50E-5	-5.15E-4	-1.20E-4

	CC4	0.1511	-0.0799	-0.1031	9.10E-5	-5.17E-4	-1.03E-4
	CC5	-0.1512	0.0768	-0.0753	-1.06E-4	5.17E-4	1.10E-4
	CC6	-0.1499	0.0664	-0.0755	-1.10E-4	5.14E-4	1.28E-4
	CC7	-0.1455	-0.1164	-0.0623	-2.57E-4	5.28E-4	1.24E-4
	CC8	-0.1442	-0.1268	-0.0626	-2.61E-4	5.26E-4	1.42E-4
	CC9	0.0327	0.3446	-0.1165	3.02E-4	-1.72E-4	-8.62E-5
	CC10	0.0370	0.3103	-0.1172	2.89E-4	-1.80E-4	-2.76E-5
	CC11	-0.0559	0.3305	-0.1043	1.97E-4	1.41E-4	-1.28E-5
	CC12	-0.0516	0.2963	-0.1051	1.84E-4	1.33E-4	4.58E-5
	CC13	0.0516	-0.2994	-0.0733	-1.99E-4	-1.33E-4	-3.86E-5
	CC14	0.0559	-0.3336	-0.0741	-2.12E-4	-1.41E-4	2.01E-5
	CC15	-0.0370	-0.3135	-0.0612	-3.04E-4	1.80E-4	3.48E-5
	CC16	-0.0327	-0.3477	-0.0619	-3.17E-4	1.71E-4	9.35E-5
296	CC1	0.1479	0.1242	-0.1021	2.06E-4	-5.47E-4	-1.35E-4
	CC2	0.1476	0.1136	-0.1029	1.96E-4	-5.45E-4	-1.18E-4
	CC3	0.1525	-0.0692	-0.1059	-8.56E-6	-5.29E-4	-1.21E-4
	CC4	0.1523	-0.0797	-0.1067	-1.84E-5	-5.27E-4	-1.03E-4
	CC5	-0.1528	0.0760	-0.0747	-3.54E-5	5.25E-4	1.09E-4
	CC6	-0.1530	0.0654	-0.0755	-4.52E-5	5.27E-4	1.27E-4
	CC7	-0.1482	-0.1174	-0.0785	-2.50E-4	5.43E-4	1.24E-4
	CC8	-0.1484	-0.1279	-0.0793	-2.60E-4	5.45E-4	1.41E-4
	CC9	0.0375	0.3450	-0.0871	3.83E-4	-1.96E-4	-8.69E-5
	CC10	0.0368	0.3102	-0.0897	3.50E-4	-1.88E-4	-2.83E-5
	CC11	-0.0527	0.3306	-0.0789	3.11E-4	1.26E-4	-1.35E-5
	CC12	-0.0534	0.2957	-0.0815	2.78E-4	1.33E-4	4.51E-5
	CC13	0.0529	-0.2995	-0.0999	-3.32E-4	-1.35E-4	-3.92E-5
	CC14	0.0522	-0.3343	-0.1025	-3.64E-4	-1.28E-4	1.94E-5
	CC15	-0.0373	-0.3139	-0.0917	-4.04E-4	1.87E-4	3.42E-5
	CC16	-0.0380	-0.3488	-0.0943	-4.37E-4	1.94E-4	9.28E-5
297	CC1	0.0000	0.0000	-0.1028	0.00E+0	0.00E+0	7.43E-9
	CC2	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	6.61E-9
	CC3	0.0000	0.0000	-0.0837	0.00E+0	0.00E+0	2.34E-9
	CC4	0.0000	0.0000	-0.0831	0.00E+0	0.00E+0	1.52E-9
	CC5	0.0000	0.0000	-0.0875	0.00E+0	0.00E+0	-1.52E-9
	CC6	0.0000	0.0000	-0.0869	0.00E+0	0.00E+0	-2.33E-9
	CC7	0.0000	0.0000	-0.0683	0.00E+0	0.00E+0	-6.61E-9
	CC8	0.0000	0.0000	-0.0677	0.00E+0	0.00E+0	-7.42E-9
	CC9	0.0000	0.0000	-0.1205	0.00E+0	0.00E+0	1.12E-8
	CC10	0.0000	0.0000	-0.1186	0.00E+0	0.00E+0	8.48E-9
	CC11	0.0000	0.0000	-0.1159	0.00E+0	0.00E+0	8.50E-9
	CC12	0.0000	0.0000	-0.1140	0.00E+0	0.00E+0	5.80E-9
	CC13	0.0000	0.0000	-0.0566	0.00E+0	0.00E+0	-5.79E-9
	CC14	0.0000	0.0000	-0.0547	0.00E+0	0.00E+0	-8.49E-9
	CC15	0.0000	0.0000	-0.0520	0.00E+0	0.00E+0	-8.47E-9
	CC16	0.0000	0.0000	-0.0501	0.00E+0	0.00E+0	-1.12E-8
298	CC1	0.0000	0.0000	-0.1019	0.00E+0	0.00E+0	3.15E-9
	CC2	0.0000	0.0000	-0.1015	0.00E+0	0.00E+0	3.60E-9
	CC3	0.0000	0.0000	-0.0857	0.00E+0	0.00E+0	3.05E-9
	CC4	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	3.50E-9
	CC5	0.0000	0.0000	-0.0853	0.00E+0	0.00E+0	-3.36E-9
	CC6	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	-2.91E-9
	CC7	0.0000	0.0000	-0.0692	0.00E+0	0.00E+0	-3.46E-9
	CC8	0.0000	0.0000	-0.0688	0.00E+0	0.00E+0	-3.01E-9
	CC9	0.0000	0.0000	-0.1154	0.00E+0	0.00E+0	4.60E-1
	CC10	0.0000	0.0000	-0.1141	0.00E+0	0.00E+0	1.96E-9
	CC11	0.0000	0.0000	-0.1104	0.00E+0	0.00E+0	-1.49E-9
	CC12	0.0000	0.0000	-0.1091	0.00E+0	0.00E+0	5.74E-12
	CC13	0.0000	0.0000	-0.0616	0.00E+0	0.00E+0	1.28E-1
	CC14	0.0000	0.0000	-0.0602	0.00E+0	0.00E+0	1.63E-9
	CC15	0.0000	0.0000	-0.0566	0.00E+0	0.00E+0	-1.82E-9
	CC16	0.0000	0.0000	-0.0553	0.00E+0	0.00E+0	-3.26E-1
299	CC1	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	5.06E-9
	CC2	0.0000	0.0000	-0.1006	0.00E+0	0.00E+0	4.23E-9
	CC3	0.0000	0.0000	-0.0876	0.00E+0	0.00E+0	1.01E-8
	CC4	0.0000	0.0000	-0.0873	0.00E+0	0.00E+0	9.29E-9
	CC5	0.0000	0.0000	-0.0835	0.00E+0	0.00E+0	-9.81E-9
	CC6	0.0000	0.0000	-0.0833	0.00E+0	0.00E+0	-1.06E-8
	CC7	0.0000	0.0000	-0.0702	0.00E+0	0.00E+0	-4.75E-9
	CC8	0.0000	0.0000	-0.0700	0.00E+0	0.00E+0	-5.58E-9
	CC9	0.0000	0.0000	-0.1106	0.00E+0	0.00E+0	-5.09E-9
	CC10	0.0000	0.0000	-0.1098	0.00E+0	0.00E+0	-7.84E-9
	CC11	0.0000	0.0000	-0.1054	0.00E+0	0.00E+0	-9.55E-9



	CC12	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	-1.23E-8
	CC13	0.0000	0.0000	-0.0662	0.00E+0	0.00E+0	1.18E-8
	CC14	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	9.03E-9
	CC15	0.0000	0.0000	-0.0610	0.00E+0	0.00E+0	7.31E-9
	CC16	0.0000	0.0000	-0.0603	0.00E+0	0.00E+0	4.57E-9
300	CC1	0.0938	0.0895	-0.1544	4.11E-4	-5.03E-4	-1.19E-4
	CC2	0.0968	0.0820	-0.1534	3.78E-4	-5.19E-4	-1.05E-4
	CC3	0.0983	-0.0527	-0.1066	-2.38E-4	-5.36E-4	-7.81E-5
	CC4	0.1013	-0.0602	-0.1056	-2.71E-4	-5.52E-4	-6.36E-5
	CC5	-0.1009	0.0583	-0.0725	2.58E-4	5.48E-4	6.60E-5
	CC6	-0.0979	0.0508	-0.0714	2.24E-4	5.32E-4	8.05E-5
	CC7	-0.0964	-0.0839	-0.0247	-3.91E-4	5.15E-4	1.07E-4
	CC8	-0.0934	-0.0914	-0.0237	-4.25E-4	4.99E-4	1.22E-4
	CC9	0.0171	0.2532	-0.1826	1.15E-3	-7.91E-5	-1.20E-4
	CC10	0.0270	0.2284	-0.1792	1.04E-3	-1.31E-4	-7.17E-5
	CC11	-0.0414	0.2439	-0.1580	1.11E-3	2.36E-4	-6.39E-5
	CC12	-0.0315	0.2190	-0.1547	9.96E-4	1.84E-4	-1.61E-5
	CC13	0.0318	-0.2209	-0.0234	-1.01E-3	-1.88E-4	1.85E-5
	CC14	0.0417	-0.2458	-0.0200	-1.12E-3	-2.40E-4	6.63E-5
	CC15	-0.0266	-0.2303	0.0012	-1.06E-3	1.27E-4	7.41E-5
	CC16	-0.0167	-0.2551	0.0046	-1.17E-3	7.53E-5	1.22E-4
301	CC1	0.0507	0.0553	-0.1405	3.83E-4	-4.62E-4	-8.89E-5
	CC2	0.0523	0.0506	-0.1395	3.51E-4	-4.76E-4	-7.87E-5
	CC3	0.0527	-0.0313	-0.0980	-2.33E-4	-4.83E-4	-4.13E-5
	CC4	0.0544	-0.0360	-0.0969	-2.65E-4	-4.98E-4	-3.11E-5
	CC5	-0.0542	0.0353	-0.0787	2.53E-4	4.96E-4	3.17E-5
	CC6	-0.0526	0.0306	-0.0776	2.21E-4	4.82E-4	4.18E-5
	CC7	-0.0521	-0.0513	-0.0361	-3.63E-4	4.75E-4	7.93E-5
	CC8	-0.0505	-0.0560	-0.0350	-3.95E-4	4.60E-4	8.94E-5
	CC9	0.0097	0.1546	-0.1698	1.09E-3	-8.42E-5	-1.14E-4
	CC10	0.0151	0.1393	-0.1662	9.88E-4	-1.33E-4	-8.03E-5
	CC11	-0.0218	0.1486	-0.1512	1.06E-3	2.03E-4	-7.78E-5
	CC12	-0.0164	0.1333	-0.1477	9.49E-4	1.55E-4	-4.42E-5
	CC13	0.0165	-0.1340	-0.0279	-9.61E-4	-1.56E-4	4.47E-5
	CC14	0.0219	-0.1494	-0.0244	-1.07E-3	-2.05E-4	7.83E-5
	CC15	-0.0149	-0.1400	-0.0093	-1.00E-3	1.31E-4	8.09E-5
	CC16	-0.0095	-0.1554	-0.0058	-1.11E-3	8.26E-5	1.14E-4
302	CC1	0.0154	0.0217	-0.1234	3.78E-4	-3.15E-4	-4.79E-5
	CC2	0.0159	0.0199	-0.1224	3.47E-4	-3.26E-4	-4.27E-5
	CC3	0.0160	-0.0116	-0.0894	-2.10E-4	-3.27E-4	-1.45E-5
	CC4	0.0165	-0.0134	-0.0884	-2.42E-4	-3.38E-4	-9.30E-6
	CC5	-0.0164	0.0134	-0.0847	2.39E-4	3.36E-4	9.13E-6
	CC6	-0.0159	0.0116	-0.0837	2.07E-4	3.26E-4	1.43E-5
	CC7	-0.0159	-0.0199	-0.0507	-3.50E-4	3.25E-4	4.25E-5
	CC8	-0.0154	-0.0217	-0.0498	-3.81E-4	3.14E-4	4.77E-5
	CC9	0.0030	0.0597	-0.1505	1.05E-3	-6.15E-5	-7.29E-5
	CC10	0.0047	0.0537	-0.1473	9.48E-4	-9.53E-5	-5.57E-5
	CC11	-0.0065	0.0572	-0.1389	1.01E-3	1.34E-4	-5.58E-5
	CC12	-0.0049	0.0512	-0.1357	9.06E-4	1.00E-4	-3.85E-5
	CC13	0.0049	-0.0513	-0.0374	-9.09E-4	-1.01E-4	3.84E-5
	CC14	0.0066	-0.0572	-0.0342	-1.01E-3	-1.35E-4	5.56E-5
	CC15	-0.0046	-0.0538	-0.0258	-9.51E-4	9.42E-5	5.55E-5
	CC16	-0.0030	-0.0597	-0.0226	-1.06E-3	6.04E-5	7.28E-5
303	CC1	0.1018	0.0936	-0.0879	4.57E-4	-5.92E-4	-9.13E-5
	CC2	0.1006	0.0856	-0.0898	4.21E-4	-5.85E-4	-7.90E-5
	CC3	0.1047	-0.0493	-0.1143	-2.10E-4	-6.03E-4	-9.42E-5
	CC4	0.1035	-0.0573	-0.1162	-2.46E-4	-5.96E-4	-8.18E-5
	CC5	-0.1043	0.0558	-0.0663	2.31E-4	6.01E-4	8.64E-5
	CC6	-0.1055	0.0478	-0.0682	1.95E-4	6.07E-4	9.87E-5
	CC7	-0.1014	-0.0871	-0.0928	-4.35E-4	5.89E-4	8.36E-5
	CC8	-0.1026	-0.0951	-0.0947	-4.72E-4	5.96E-4	9.59E-5
	CC9	0.0276	0.2563	-0.0472	1.20E-3	-1.69E-4	-4.01E-5
	CC10	0.0237	0.2298	-0.0536	1.08E-3	-1.47E-4	7.21E-7
	CC11	-0.0342	0.2450	-0.0408	1.13E-3	1.89E-4	1.32E-5
	CC12	-0.0381	0.2185	-0.0471	1.01E-3	2.11E-4	5.40E-5
	CC13	0.0373	-0.2200	-0.1354	-1.02E-3	-2.07E-4	-4.95E-5
	CC14	0.0334	-0.2465	-0.1418	-1.14E-3	-1.84E-4	-8.67E-6
	CC15	-0.0245	-0.2313	-0.1290	-1.09E-3	1.51E-4	3.83E-6
	CC16	-0.0284	-0.2578	-0.1353	-1.21E-3	1.73E-4	4.46E-5
304	CC1	0.0526	0.0560	-0.0898	4.39E-4	-5.23E-4	-5.19E-5
	CC2	0.0520	0.0512	-0.0913	4.01E-4	-5.16E-4	-4.45E-5
	CC3	0.0545	-0.0284	-0.1090	-2.30E-4	-5.33E-4	-6.43E-5

	CC4	0.0539	-0.0332	-0.1105	-2.68E-4	-5.27E-4	-5.69E-5
	CC5	-0.0542	0.0325	-0.0682	2.62E-4	5.32E-4	6.07E-5
	CC6	-0.0548	0.0277	-0.0697	2.25E-4	5.38E-4	6.81E-5
	CC7	-0.0523	-0.0520	-0.0874	-4.07E-4	5.21E-4	4.84E-5
	CC8	-0.0530	-0.0568	-0.0889	-4.44E-4	5.28E-4	5.57E-5
	CC9	0.0137	0.1519	-0.0581	1.20E-3	-1.49E-4	-6.52E-6
	CC10	0.0117	0.1360	-0.0631	1.08E-3	-1.28E-4	1.78E-5
	CC11	-0.0184	0.1448	-0.0516	1.15E-3	1.67E-4	2.73E-5
	CC12	-0.0204	0.1289	-0.0566	1.02E-3	1.88E-4	5.16E-5
	CC13	0.0200	-0.1297	-0.1221	-1.03E-3	-1.83E-4	-4.78E-5
	CC14	0.0180	-0.1456	-0.1270	-1.15E-3	-1.62E-4	-2.34E-5
	CC15	-0.0121	-0.1368	-0.1156	-1.08E-3	1.33E-4	-1.40E-5
	CC16	-0.0141	-0.1527	-0.1206	-1.21E-3	1.54E-4	1.04E-5
305	CC1	0.0149	0.0112	-0.0936	3.76E-4	-3.25E-4	-2.07E-5
	CC2	0.0147	0.0094	-0.0945	3.44E-4	-3.21E-4	-1.75E-5
	CC3	0.0158	-0.0188	-0.1009	-1.87E-4	-3.36E-4	-3.29E-5
	CC4	0.0156	-0.0205	-0.1017	-2.19E-4	-3.32E-4	-2.98E-5
	CC5	-0.0157	0.0202	-0.0732	2.13E-4	3.35E-4	3.18E-5
	CC6	-0.0158	0.0185	-0.0740	1.81E-4	3.39E-4	3.50E-5
	CC7	-0.0148	-0.0098	-0.0804	-3.49E-4	3.24E-4	1.95E-5
	CC8	-0.0150	-0.0115	-0.0813	-3.82E-4	3.28E-4	2.27E-5
	CC9	0.0034	0.0512	-0.0771	1.01E-3	-8.65E-5	8.40E-6
	CC10	0.0028	0.0455	-0.0798	9.07E-4	-7.36E-5	1.89E-5
	CC11	-0.0058	0.0540	-0.0710	9.64E-4	1.12E-4	2.41E-5
	CC12	-0.0063	0.0482	-0.0737	8.58E-4	1.24E-4	3.46E-5
	CC13	0.0063	-0.0486	-0.1012	-8.63E-4	-1.21E-4	-3.26E-5
	CC14	0.0057	-0.0543	-0.1039	-9.70E-4	-1.08E-4	-2.21E-5
	CC15	-0.0029	-0.0459	-0.0951	-9.12E-4	7.67E-5	-1.68E-5
	CC16	-0.0034	-0.0516	-0.0978	-1.02E-3	8.95E-5	-6.39E-6
306	CC1	0.1377	0.1149	-0.0976	3.96E-4	2.20E-5	-1.44E-4
	CC2	0.1418	0.1097	-0.0960	3.69E-4	2.05E-5	-1.27E-4
	CC3	0.1453	-0.0741	-0.0546	-4.44E-4	-2.46E-5	-1.30E-4
	CC4	0.1494	-0.0793	-0.0531	-4.71E-4	-2.61E-5	-1.12E-4
	CC5	-0.1493	0.0762	-0.1262	4.47E-4	2.48E-5	1.00E-4
	CC6	-0.1452	0.0710	-0.1246	4.20E-4	2.33E-5	1.18E-4
	CC7	-0.1417	-0.1128	-0.0833	-3.92E-4	-2.18E-5	1.15E-4
	CC8	-0.1376	-0.1180	-0.0817	-4.20E-4	-2.33E-5	1.32E-4
	CC9	0.0237	0.3279	-0.1595	1.43E-3	7.91E-5	-9.59E-5
	CC10	0.0372	0.3107	-0.1542	1.33E-3	7.41E-5	-3.73E-5
	CC11	-0.0624	0.3163	-0.1681	1.44E-3	8.00E-5	-2.25E-5
	CC12	-0.0489	0.2991	-0.1628	1.35E-3	7.49E-5	3.61E-5
	CC13	0.0490	-0.3022	-0.0164	-1.37E-3	-7.63E-5	-4.83E-5
	CC14	0.0625	-0.3194	-0.0112	-1.46E-3	-8.13E-5	1.04E-5
	CC15	-0.0371	-0.3138	-0.0250	-1.36E-3	-7.54E-5	2.51E-5
	CC16	-0.0236	-0.3310	-0.0198	-1.45E-3	-8.04E-5	8.38E-5
307	CC1	0.1376	0.1116	-0.1195	4.32E-4	2.40E-5	-1.43E-4
	CC2	0.1418	0.1048	-0.1182	4.01E-4	2.23E-5	-1.25E-4
	CC3	0.1453	-0.0787	-0.0767	-3.76E-4	-2.08E-5	-1.28E-4
	CC4	0.1494	-0.0855	-0.0754	-4.07E-4	-2.26E-5	-1.11E-4
	CC5	-0.1491	0.0833	-0.1045	3.94E-4	2.19E-5	1.02E-4
	CC6	-0.1450	0.0765	-0.1032	3.63E-4	2.01E-5	1.20E-4
	CC7	-0.1415	-0.1070	-0.0616	-4.14E-4	-2.30E-5	1.16E-4
	CC8	-0.1373	-0.1138	-0.0604	-4.45E-4	-2.47E-5	1.34E-4
	CC9	0.0235	0.3316	-0.1657	1.40E-3	7.76E-5	-9.42E-5
	CC10	0.0373	0.3091	-0.1614	1.29E-3	7.18E-5	-3.56E-5
	CC11	-0.0625	0.3231	-0.1612	1.39E-3	7.69E-5	-2.08E-5
	CC12	-0.0487	0.3007	-0.1569	1.28E-3	7.12E-5	3.78E-5
	CC13	0.0491	-0.3028	-0.0230	-1.30E-3	-7.19E-5	-4.66E-5
	CC14	0.0628	-0.3253	-0.0187	-1.40E-3	-7.76E-5	1.21E-5
	CC15	-0.0370	-0.3113	-0.0184	-1.31E-3	-7.26E-5	2.68E-5
	CC16	-0.0232	-0.3337	-0.0141	-1.41E-3	-7.83E-5	8.55E-5
308	CC1	0.1376	0.1163	-0.1407	4.51E-4	2.51E-5	-1.38E-4
	CC2	0.1418	0.1079	-0.1397	4.18E-4	2.32E-5	-1.20E-4
	CC3	0.1453	-0.0753	-0.0958	-3.08E-4	-1.71E-5	-1.24E-4
	CC4	0.1495	-0.0837	-0.0948	-3.41E-4	-1.89E-5	-1.06E-4
	CC5	-0.1489	0.0819	-0.0856	3.41E-4	1.89E-5	1.07E-4
	CC6	-0.1447	0.0735	-0.0846	3.07E-4	1.71E-5	1.24E-4
	CC7	-0.1412	-0.1097	-0.0407	-4.18E-4	-2.32E-5	1.21E-4
	CC8	-0.1370	-0.1181	-0.0397	-4.52E-4	-2.51E-5	1.39E-4
	CC9	0.0234	0.3375	-0.1751	1.34E-3	7.42E-5	-8.95E-5
	CC10	0.0374	0.3098	-0.1717	1.23E-3	6.81E-5	-3.09E-5
	CC11	-0.0626	0.3271	-0.1585	1.30E-3	7.24E-5	-1.61E-5

	CC12	-0.0485	0.2994	-0.1552	1.19E-3	6.62E-5	4.25E-5
	CC13	0.0491	-0.3012	-0.0252	-1.19E-3	-6.63E-5	-4.19E-5
	CC14	0.0632	-0.3289	-0.0219	-1.30E-3	-7.24E-5	1.68E-5
	CC15	-0.0368	-0.3115	-0.0087	-1.23E-3	-6.81E-5	3.15E-5
	CC16	-0.0228	-0.3392	-0.0053	-1.34E-3	-7.43E-5	9.02E-5
309	CC1	0.0000	0.0000	-0.0847	0.00E+0	0.00E+0	2.50E-9
	CC2	0.0000	0.0000	-0.0834	0.00E+0	0.00E+0	2.78E-9
	CC3	0.0000	0.0000	-0.0615	0.00E+0	0.00E+0	9.78E-1
	CC4	0.0000	0.0000	-0.0603	0.00E+0	0.00E+0	1.25E-9
	CC5	0.0000	0.0000	-0.1097	0.00E+0	0.00E+0	-1.05E-9
	CC6	0.0000	0.0000	-0.1085	0.00E+0	0.00E+0	-7.74E-1
	CC7	0.0000	0.0000	-0.0866	0.00E+0	0.00E+0	-2.57E-9
	CC8	0.0000	0.0000	-0.0854	0.00E+0	0.00E+0	-2.29E-9
	CC9	0.0000	0.0000	-0.1218	0.00E+0	0.00E+0	2.71E-9
	CC10	0.0000	0.0000	-0.1178	0.00E+0	0.00E+0	3.63E-9
	CC11	0.0000	0.0000	-0.1293	0.00E+0	0.00E+0	1.65E-9
	CC12	0.0000	0.0000	-0.1253	0.00E+0	0.00E+0	2.56E-9
	CC13	0.0000	0.0000	-0.0448	0.00E+0	0.00E+0	-2.36E-9
	CC14	0.0000	0.0000	-0.0407	0.00E+0	0.00E+0	-1.44E-9
	CC15	0.0000	0.0000	-0.0523	0.00E+0	0.00E+0	-3.42E-9
	CC16	0.0000	0.0000	-0.0482	0.00E+0	0.00E+0	-2.51E-9
310	CC1	0.0000	0.0000	-0.0901	0.00E+0	0.00E+0	-1.20E-9
	CC2	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	-4.96E-1
	CC3	0.0000	0.0000	-0.0669	0.00E+0	0.00E+0	6.69E-9
	CC4	0.0000	0.0000	-0.0659	0.00E+0	0.00E+0	7.39E-9
	CC5	0.0000	0.0000	-0.1043	0.00E+0	0.00E+0	-7.48E-9
	CC6	0.0000	0.0000	-0.1033	0.00E+0	0.00E+0	-6.78E-9
	CC7	0.0000	0.0000	-0.0812	0.00E+0	0.00E+0	4.08E-1
	CC8	0.0000	0.0000	-0.0801	0.00E+0	0.00E+0	1.11E-9
	CC9	0.0000	0.0000	-0.1233	0.00E+0	0.00E+0	-1.34E-8
	CC10	0.0000	0.0000	-0.1198	0.00E+0	0.00E+0	-1.11E-8
	CC11	0.0000	0.0000	-0.1276	0.00E+0	0.00E+0	-1.53E-8
	CC12	0.0000	0.0000	-0.1241	0.00E+0	0.00E+0	-1.30E-8
	CC13	0.0000	0.0000	-0.0461	0.00E+0	0.00E+0	1.29E-8
	CC14	0.0000	0.0000	-0.0426	0.00E+0	0.00E+0	1.52E-8
	CC15	0.0000	0.0000	-0.0504	0.00E+0	0.00E+0	1.10E-8
	CC16	0.0000	0.0000	-0.0469	0.00E+0	0.00E+0	1.33E-8
311	CC1	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-5.43E-9
	CC2	0.0000	0.0000	-0.1008	0.00E+0	0.00E+0	-4.74E-9
	CC3	0.0000	0.0000	-0.0789	0.00E+0	0.00E+0	9.19E-9
	CC4	0.0000	0.0000	-0.0780	0.00E+0	0.00E+0	9.88E-9
	CC5	0.0000	0.0000	-0.0924	0.00E+0	0.00E+0	-9.91E-9
	CC6	0.0000	0.0000	-0.0915	0.00E+0	0.00E+0	-9.22E-9
	CC7	0.0000	0.0000	-0.0696	0.00E+0	0.00E+0	4.71E-9
	CC8	0.0000	0.0000	-0.0687	0.00E+0	0.00E+0	5.40E-9
	CC9	0.0000	0.0000	-0.1261	0.00E+0	0.00E+0	-2.48E-8
	CC10	0.0000	0.0000	-0.1232	0.00E+0	0.00E+0	-2.26E-8
	CC11	0.0000	0.0000	-0.1233	0.00E+0	0.00E+0	-2.62E-8
	CC12	0.0000	0.0000	-0.1204	0.00E+0	0.00E+0	-2.39E-8
	CC13	0.0000	0.0000	-0.0500	0.00E+0	0.00E+0	2.39E-8
	CC14	0.0000	0.0000	-0.0471	0.00E+0	0.00E+0	2.62E-8
	CC15	0.0000	0.0000	-0.0472	0.00E+0	0.00E+0	2.25E-8
	CC16	0.0000	0.0000	-0.0443	0.00E+0	0.00E+0	2.48E-8
312	CC1	0.0976	0.0851	-0.0811	5.62E-4	-1.76E-4	-8.97E-5
	CC2	0.1004	0.0829	-0.0793	5.44E-4	-1.96E-4	-7.83E-5
	CC3	0.1001	-0.0395	-0.0411	-3.09E-4	-2.70E-4	-8.42E-5
	CC4	0.1029	-0.0417	-0.0394	-3.27E-4	-2.91E-4	-7.28E-5
	CC5	-0.1033	0.0411	-0.1373	3.23E-4	3.01E-4	6.96E-5
	CC6	-0.1005	0.0388	-0.1355	3.05E-4	2.81E-4	8.10E-5
	CC7	-0.1008	-0.0835	-0.0973	-5.48E-4	2.07E-4	7.51E-5
	CC8	-0.0980	-0.0857	-0.0956	-5.66E-4	1.87E-4	8.65E-5
	CC9	0.0211	0.2176	-0.1494	1.52E-3	1.24E-4	-5.35E-5
	CC10	0.0305	0.2102	-0.1436	1.46E-3	5.80E-5	-1.58E-5
	CC11	-0.0392	0.2044	-0.1662	1.44E-3	2.68E-4	-5.69E-6
	CC12	-0.0298	0.1969	-0.1604	1.38E-3	2.01E-4	3.20E-5
	CC13	0.0294	-0.1976	-0.0162	-1.39E-3	-1.90E-4	-3.52E-5
	CC14	0.0388	-0.2050	-0.0104	-1.45E-3	-2.57E-4	2.48E-6
	CC15	-0.0309	-0.2108	-0.0331	-1.46E-3	-4.72E-5	1.26E-5
	CC16	-0.0215	-0.2182	-0.0273	-1.52E-3	-1.14E-4	5.03E-5
313	CC1	0.0615	0.0420	-0.0806	4.30E-4	-2.07E-4	-4.66E-5
	CC2	0.0632	0.0410	-0.0790	4.19E-4	-2.20E-4	-4.08E-5
	CC3	0.0602	-0.0176	-0.0462	-1.99E-4	-2.21E-4	-4.10E-5

	CC4	0.0620	-0.0186	-0.0446	-2.10E-4	-2.35E-4	-3.51E-5
	CC5	-0.0624	0.0183	-0.1299	2.05E-4	2.36E-4	3.42E-5
	CC6	-0.0606	0.0174	-0.1283	1.94E-4	2.22E-4	4.00E-5
	CC7	-0.0637	-0.0413	-0.0955	-4.24E-4	2.21E-4	3.99E-5
	CC8	-0.0619	-0.0423	-0.0939	-4.35E-4	2.08E-4	4.57E-5
	CC9	0.0175	0.1044	-0.1399	1.10E-3	-1.97E-5	-3.17E-5
	CC10	0.0234	0.1012	-0.1345	1.06E-3	-6.33E-5	-1.23E-5
	CC11	-0.0197	0.0973	-0.1546	1.03E-3	1.13E-4	-7.46E-6
	CC12	-0.0137	0.0940	-0.1493	9.94E-4	6.94E-5	1.19E-5
	CC13	0.0133	-0.0943	-0.0252	-9.99E-4	-6.83E-5	-1.29E-5
	CC14	0.0192	-0.0976	-0.0199	-1.04E-3	-1.12E-4	6.52E-6
	CC15	-0.0239	-0.1014	-0.0400	-1.07E-3	6.44E-5	1.14E-5
	CC16	-0.0180	-0.1047	-0.0346	-1.10E-3	2.08E-5	3.08E-5
<b>314</b>	CC1	0.0288	0.0116	-0.0800	2.61E-4	-2.09E-4	-1.29E-5
	CC2	0.0297	0.0114	-0.0785	2.55E-4	-2.20E-4	-1.13E-5
	CC3	0.0269	-0.0043	-0.0513	-1.05E-4	-2.13E-4	-1.04E-5
	CC4	0.0277	-0.0046	-0.0498	-1.11E-4	-2.24E-4	-8.82E-6
	CC5	-0.0281	0.0045	-0.1224	1.11E-4	2.27E-4	8.66E-6
	CC6	-0.0272	0.0043	-0.1209	1.05E-4	2.15E-4	1.02E-5
	CC7	-0.0300	-0.0114	-0.0937	-2.55E-4	2.23E-4	1.11E-5
	CC8	-0.0292	-0.0117	-0.0922	-2.61E-4	2.11E-4	1.27E-5
	CC9	0.0102	0.0281	-0.1301	6.43E-4	-3.85E-5	-1.01E-5
	CC10	0.0130	0.0272	-0.1251	6.23E-4	-7.57E-5	-4.85E-6
	CC11	-0.0068	0.0259	-0.1428	5.98E-4	9.20E-5	-3.59E-6
	CC12	-0.0041	0.0251	-0.1379	5.78E-4	5.49E-5	1.62E-6
	CC13	0.0037	-0.0251	-0.0344	-5.78E-4	-5.22E-5	-1.78E-6
	CC14	0.0065	-0.0260	-0.0294	-5.98E-4	-8.94E-5	3.43E-6
	CC15	-0.0133	-0.0273	-0.0471	-6.23E-4	7.83E-5	4.69E-6
	CC16	-0.0105	-0.0281	-0.0422	-6.43E-4	4.12E-5	9.90E-6
<b>315</b>	CC1	0.1379	0.2141	-0.2018	4.89E-4	-3.34E-4	-1.39E-4
	CC2	0.1422	0.1917	-0.1989	4.40E-4	-3.44E-4	-1.21E-4
	CC3	0.1457	0.0112	-0.1535	-2.54E-5	-3.68E-4	-1.25E-4
	CC4	0.1500	-0.0113	-0.1506	-7.39E-5	-3.78E-4	-1.07E-4
	CC5	-0.1484	0.0083	-0.0632	2.78E-5	3.86E-4	1.06E-4
	CC6	-0.1440	-0.0141	-0.0602	-2.07E-5	3.76E-4	1.24E-4
	CC7	-0.1406	-0.1946	-0.0148	-4.86E-4	3.52E-4	1.20E-4
	CC8	-0.1362	-0.2170	-0.0119	-5.35E-4	3.42E-4	1.38E-4
	CC9	0.0236	0.4048	-0.2131	9.83E-4	-3.00E-5	-9.03E-5
	CC10	0.0380	0.3305	-0.2034	8.23E-4	-6.47E-5	-3.17E-5
	CC11	-0.0623	0.3430	-0.1715	8.45E-4	1.86E-4	-1.69E-5
	CC12	-0.0479	0.2688	-0.1618	6.85E-4	1.51E-4	4.17E-5
	CC13	0.0496	-0.2717	-0.0519	-7.31E-4	-1.43E-4	-4.27E-5
	CC14	0.0639	-0.3460	-0.0423	-8.91E-4	-1.78E-4	1.60E-5
	CC15	-0.0363	-0.3334	-0.0103	-8.69E-4	7.28E-5	3.08E-5
	CC16	-0.0219	-0.4077	-0.0007	-1.03E-3	3.81E-5	8.94E-5
<b>316</b>	CC1	0.1376	0.1834	-0.1603	4.93E-4	-3.19E-4	-1.40E-4
	CC2	0.1419	0.1650	-0.1556	4.45E-4	-3.28E-4	-1.22E-4
	CC3	0.1453	-0.0163	-0.1054	-5.31E-5	-3.48E-4	-1.25E-4
	CC4	0.1497	-0.0347	-0.1007	-1.01E-4	-3.57E-4	-1.08E-4
	CC5	-0.1487	0.0313	-0.1118	5.21E-5	3.37E-4	1.05E-4
	CC6	-0.1444	0.0129	-0.1071	4.19E-6	3.27E-4	1.23E-4
	CC7	-0.1409	-0.1684	-0.0569	-4.94E-4	3.07E-4	1.19E-4
	CC8	-0.1366	-0.1868	-0.0522	-5.42E-4	2.98E-4	1.37E-4
	CC9	0.0233	0.3844	-0.2129	1.03E-3	-4.44E-5	-9.10E-5
	CC10	0.0376	0.3235	-0.1973	8.73E-4	-7.57E-5	-3.24E-5
	CC11	-0.0626	0.3388	-0.1983	9.00E-4	1.52E-4	-1.76E-5
	CC12	-0.0483	0.2779	-0.1827	7.41E-4	1.21E-4	4.10E-5
	CC13	0.0492	-0.2813	-0.0298	-7.90E-4	-1.42E-4	-4.34E-5
	CC14	0.0636	-0.3422	-0.0142	-9.48E-4	-1.73E-4	1.52E-5
	CC15	-0.0366	-0.3269	-0.0152	-9.22E-4	5.48E-5	3.00E-5
	CC16	-0.0223	-0.3878	0.0004	-1.08E-3	2.34E-5	8.86E-5
<b>317</b>	CC1	0.0000	0.0000	-0.1609	0.00E+0	0.00E+0	1.57E-8
	CC2	0.0000	0.0000	-0.1578	0.00E+0	0.00E+0	1.41E-8
	CC3	0.0000	0.0000	-0.1189	0.00E+0	0.00E+0	1.22E-8
	CC4	0.0000	0.0000	-0.1158	0.00E+0	0.00E+0	1.06E-8
	CC5	0.0000	0.0000	-0.0798	0.00E+0	0.00E+0	-9.85E-9
	CC6	0.0000	0.0000	-0.0767	0.00E+0	0.00E+0	-1.14E-8
	CC7	0.0000	0.0000	-0.0377	0.00E+0	0.00E+0	-1.34E-8
	CC8	0.0000	0.0000	-0.0347	0.00E+0	0.00E+0	-1.50E-8
	CC9	0.0000	0.0000	-0.1851	0.00E+0	0.00E+0	1.27E-8
	CC10	0.0000	0.0000	-0.1749	0.00E+0	0.00E+0	7.51E-9
	CC11	0.0000	0.0000	-0.1607	0.00E+0	0.00E+0	5.04E-9

	CC12	0.0000	0.0000	-0.1505	0.00E+0	0.00E+0	-1.54E-1
	CC13	0.0000	0.0000	-0.0450	0.00E+0	0.00E+0	9.19E-1
	CC14	0.0000	0.0000	-0.0349	0.00E+0	0.00E+0	-4.28E-9
	CC15	0.0000	0.0000	-0.0207	0.00E+0	0.00E+0	-6.75E-9
<b>318</b>	CC16	0.0000	0.0000	-0.0105	0.00E+0	0.00E+0	-1.19E-8
	CC1	0.0000	0.0000	-0.1528	0.00E+0	0.00E+0	2.79E-8
	CC2	0.0000	0.0000	-0.1495	0.00E+0	0.00E+0	2.44E-8
	CC3	0.0000	0.0000	-0.1102	0.00E+0	0.00E+0	2.19E-8
	CC4	0.0000	0.0000	-0.1070	0.00E+0	0.00E+0	1.84E-8
	CC5	0.0000	0.0000	-0.0881	0.00E+0	0.00E+0	-1.92E-8
	CC6	0.0000	0.0000	-0.0849	0.00E+0	0.00E+0	-2.27E-8
	CC7	0.0000	0.0000	-0.0456	0.00E+0	0.00E+0	-2.52E-8
	CC8	0.0000	0.0000	-0.0424	0.00E+0	0.00E+0	-2.87E-8
	CC9	0.0000	0.0000	-0.1835	0.00E+0	0.00E+0	2.26E-8
	CC10	0.0000	0.0000	-0.1728	0.00E+0	0.00E+0	1.08E-8
	CC11	0.0000	0.0000	-0.1641	0.00E+0	0.00E+0	8.44E-9
	CC12	0.0000	0.0000	-0.1534	0.00E+0	0.00E+0	-3.36E-9
	CC13	0.0000	0.0000	-0.0418	0.00E+0	0.00E+0	2.56E-9
	CC14	0.0000	0.0000	-0.0310	0.00E+0	0.00E+0	-9.24E-9
	CC15	0.0000	0.0000	-0.0224	0.00E+0	0.00E+0	-1.16E-8
	CC16	0.0000	0.0000	-0.0116	0.00E+0	0.00E+0	-2.34E-8
<b>319</b>	CC1	0.0964	0.1707	-0.2138	8.00E-4	-5.06E-4	-1.30E-4
	CC2	0.0994	0.1526	-0.2116	7.15E-4	-5.22E-4	-1.14E-4
	CC3	0.1007	0.0175	-0.1690	5.61E-5	-5.39E-4	-9.66E-5
	CC4	0.1038	-0.0006	-0.1668	-2.87E-5	-5.55E-4	-8.08E-5
	CC5	-0.1021	0.0007	-0.0426	1.02E-5	5.51E-4	7.85E-5
	CC6	-0.0991	-0.0174	-0.0404	-7.45E-5	5.35E-4	9.43E-5
	CC7	-0.0978	-0.1525	0.0022	-7.33E-4	5.18E-4	1.12E-4
	CC8	-0.0948	-0.1706	0.0044	-8.18E-4	5.02E-4	1.28E-4
	CC9	0.0184	0.3109	-0.2088	1.49E-3	-7.95E-5	-1.14E-4
	CC10	0.0284	0.2510	-0.2014	1.21E-3	-1.33E-4	-6.20E-5
	CC11	-0.0412	0.2599	-0.1575	1.25E-3	2.38E-4	-5.18E-5
	CC12	-0.0312	0.2000	-0.1500	9.72E-4	1.84E-4	5.20E-7
	CC13	0.0328	-0.1999	-0.0594	-9.90E-4	-1.88E-4	-2.79E-6
	CC14	0.0428	-0.2597	-0.0519	-1.27E-3	-2.41E-4	4.95E-5
	CC15	-0.0267	-0.2509	-0.0080	-1.23E-3	1.29E-4	5.98E-5
	CC16	-0.0167	-0.3107	-0.0006	-1.51E-3	7.58E-5	1.12E-4
<b>320</b>	CC1	0.0529	0.0959	-0.1991	8.76E-4	-4.79E-4	-8.47E-5
	CC2	0.0546	0.0858	-0.1967	7.83E-4	-4.95E-4	-7.45E-5
	CC3	0.0549	0.0110	-0.1553	8.79E-5	-5.01E-4	-6.27E-5
	CC4	0.0566	0.0009	-0.1529	-4.98E-6	-5.17E-4	-5.24E-5
	CC5	-0.0554	-0.0001	-0.0521	5.77E-6	5.10E-4	5.06E-5
	CC6	-0.0537	-0.0102	-0.0497	-8.71E-5	4.94E-4	6.08E-5
	CC7	-0.0534	-0.0850	-0.0083	-7.82E-4	4.88E-4	7.26E-5
	CC8	-0.0518	-0.0951	-0.0059	-8.75E-4	4.72E-4	8.28E-5
	CC9	0.0108	0.1731	-0.2016	1.60E-3	-9.02E-5	-7.48E-5
	CC10	0.0162	0.1396	-0.1936	1.29E-3	-1.40E-4	-4.10E-5
	CC11	-0.0217	0.1444	-0.1575	1.34E-3	2.06E-4	-3.43E-5
	CC12	-0.0163	0.1108	-0.1495	1.03E-3	1.57E-4	-4.21E-7
	CC13	0.0174	-0.1100	-0.0555	-1.03E-3	-1.64E-4	-1.46E-6
	CC14	0.0229	-0.1436	-0.0475	-1.34E-3	-2.14E-4	3.24E-5
	CC15	-0.0151	-0.1388	-0.0114	-1.29E-3	1.33E-4	3.91E-5
	CC16	-0.0096	-0.1724	-0.0034	-1.60E-3	8.32E-5	7.30E-5
<b>321</b>	CC1	0.0165	0.0290	-0.1817	6.15E-4	-3.38E-4	-3.38E-5
	CC2	0.0170	0.0259	-0.1790	5.50E-4	-3.48E-4	-2.96E-5
	CC3	0.0171	0.0036	-0.1388	7.32E-5	-3.49E-4	-2.86E-5
	CC4	0.0176	0.0006	-0.1361	8.26E-6	-3.60E-4	-2.45E-5
	CC5	-0.0171	-0.0002	-0.0642	-1.37E-6	3.52E-4	2.36E-5
	CC6	-0.0166	-0.0033	-0.0615	-6.63E-5	3.41E-4	2.77E-5
	CC7	-0.0166	-0.0256	-0.0214	-5.43E-4	3.40E-4	2.88E-5
	CC8	-0.0161	-0.0286	-0.0187	-6.08E-4	3.29E-4	3.29E-5
	CC9	0.0036	0.0519	-0.1937	1.11E-3	-7.08E-5	-2.46E-5
	CC10	0.0053	0.0418	-0.1848	8.92E-4	-1.05E-4	-1.08E-5
	CC11	-0.0065	0.0432	-0.1585	9.22E-4	1.36E-4	-7.35E-6
	CC12	-0.0048	0.0330	-0.1495	7.07E-4	1.01E-4	6.41E-6
	CC13	0.0053	-0.0326	-0.0509	-7.00E-4	-1.10E-4	-7.29E-6
	CC14	0.0070	-0.0428	-0.0419	-9.15E-4	-1.44E-4	6.47E-6
	CC15	-0.0048	-0.0414	-0.0156	-8.85E-4	9.70E-5	9.93E-6
	CC16	-0.0031	-0.0515	-0.0067	-1.10E-3	6.25E-5	2.37E-5
<b>322</b>	CC1	0.0999	0.1291	-0.1055	6.48E-4	-5.01E-4	-8.55E-5
	CC2	0.1031	0.1163	-0.1005	5.83E-4	-5.16E-4	-7.39E-5
	CC3	0.1050	-0.0170	-0.0521	-8.67E-5	-5.31E-4	-9.54E-5

	CC4	0.1082	-0.0298	-0.0471	-1.51E-4	-5.46E-4	-8.38E-5
	CC5	-0.1084	0.0296	-0.1606	1.30E-4	5.40E-4	8.54E-5
	CC6	-0.1052	0.0169	-0.1556	6.54E-5	5.24E-4	9.71E-5
	CC7	-0.1033	-0.1165	-0.1072	-6.05E-4	5.10E-4	7.55E-5
	CC8	-0.1001	-0.1293	-0.1022	-6.69E-4	4.94E-4	8.72E-5
	CC9	0.0173	0.2794	-0.1927	1.40E-3	-8.32E-5	-2.76E-5
	CC10	0.0279	0.2372	-0.1764	1.18E-3	-1.35E-4	1.09E-5
	CC11	-0.0452	0.2496	-0.2093	1.24E-3	2.29E-4	2.37E-5
	CC12	-0.0346	0.2074	-0.1929	1.03E-3	1.77E-4	6.22E-5
	CC13	0.0344	-0.2076	-0.0148	-1.05E-3	-1.83E-4	-6.06E-5
	CC14	0.0450	-0.2498	0.0016	-1.26E-3	-2.35E-4	-2.21E-5
	CC15	-0.0281	-0.2374	-0.0313	-1.21E-3	1.29E-4	-9.28E-6
	CC16	-0.0175	-0.2796	-0.0150	-1.42E-3	7.69E-5	2.92E-5
323	CC1	0.0555	0.0708	-0.1521	6.67E-4	-5.02E-4	-5.40E-5
	CC2	0.0573	0.0639	-0.1476	6.01E-4	-5.18E-4	-4.65E-5
	CC3	0.0582	-0.0092	-0.1022	-8.44E-5	-5.28E-4	-6.21E-5
	CC4	0.0600	-0.0162	-0.0977	-1.50E-4	-5.44E-4	-5.46E-5
	CC5	-0.0605	0.0169	-0.1060	1.50E-4	5.45E-4	5.62E-5
	CC6	-0.0587	0.0099	-0.1015	8.36E-5	5.28E-4	6.36E-5
	CC7	-0.0578	-0.0632	-0.0561	-6.01E-4	5.18E-4	4.81E-5
	CC8	-0.0560	-0.0701	-0.0516	-6.67E-4	5.02E-4	5.55E-5
	CC9	0.0097	0.1534	-0.1993	1.44E-3	-8.62E-5	-1.46E-5
	CC10	0.0156	0.1303	-0.1844	1.22E-3	-1.40E-4	1.00E-5
	CC11	-0.0251	0.1372	-0.1854	1.28E-3	2.28E-4	1.85E-5
	CC12	-0.0191	0.1141	-0.1706	1.06E-3	1.74E-4	4.31E-5
	CC13	0.0187	-0.1134	-0.0331	-1.07E-3	-1.73E-4	-4.15E-5
	CC14	0.0247	-0.1365	-0.0183	-1.28E-3	-2.27E-4	-1.69E-5
	CC15	-0.0161	-0.1296	-0.0193	-1.22E-3	1.40E-4	-8.45E-6
	CC16	-0.0101	-0.1527	-0.0044	-1.44E-3	8.69E-5	1.61E-5
324	CC1	0.0173	0.0209	-0.1446	4.51E-4	-3.57E-4	-2.83E-5
	CC2	0.0178	0.0189	-0.1407	4.07E-4	-3.68E-4	-2.45E-5
	CC3	0.0181	-0.0028	-0.0984	-5.73E-5	-3.74E-4	-2.88E-5
	CC4	0.0187	-0.0048	-0.0944	-1.01E-4	-3.86E-4	-2.50E-5
	CC5	-0.0189	0.0052	-0.1050	1.08E-4	3.91E-4	2.58E-5
	CC6	-0.0183	0.0031	-0.1011	6.36E-5	3.79E-4	2.96E-5
	CC7	-0.0181	-0.0185	-0.0588	-4.01E-4	3.73E-4	2.53E-5
	CC8	-0.0175	-0.0206	-0.0549	-4.45E-4	3.61E-4	2.91E-5
	CC9	0.0030	0.0455	-0.1892	9.75E-4	-6.08E-5	-1.31E-5
	CC10	0.0049	0.0387	-0.1762	8.29E-4	-9.95E-5	-5.21E-7
	CC11	-0.0079	0.0407	-0.1773	8.72E-4	1.64E-4	3.15E-6
	CC12	-0.0060	0.0340	-0.1644	7.26E-4	1.25E-4	1.57E-5
	CC13	0.0057	-0.0336	-0.0351	-7.20E-4	-1.20E-4	-1.49E-5
	CC14	0.0076	-0.0404	-0.0222	-8.66E-4	-1.59E-4	-2.34E-6
	CC15	-0.0051	-0.0383	-0.0232	-8.23E-4	1.04E-4	1.33E-6
	CC16	-0.0032	-0.0451	-0.0103	-9.69E-4	6.55E-5	1.39E-5
325	CC1	0.0000	0.0000	-0.1329	0.00E+0	0.00E+0	2.18E-7
	CC2	0.0000	0.0000	-0.1342	0.00E+0	0.00E+0	1.91E-7
	CC3	0.0000	0.0000	-0.1443	0.00E+0	0.00E+0	1.06E-7
	CC4	0.0000	0.0000	-0.1456	0.00E+0	0.00E+0	7.92E-8
	CC5	0.0000	0.0000	-0.0502	0.00E+0	0.00E+0	-8.07E-8
	CC6	0.0000	0.0000	-0.0516	0.00E+0	0.00E+0	-1.07E-7
	CC7	0.0000	0.0000	-0.0616	0.00E+0	0.00E+0	-1.93E-7
	CC8	0.0000	0.0000	-0.0630	0.00E+0	0.00E+0	-2.19E-7
	CC9	0.0000	0.0000	-0.0890	0.00E+0	0.00E+0	2.74E-7
	CC10	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	1.87E-7
	CC11	0.0000	0.0000	-0.0642	0.00E+0	0.00E+0	1.85E-7
	CC12	0.0000	0.0000	-0.0688	0.00E+0	0.00E+0	9.74E-8
	CC13	0.0000	0.0000	-0.1271	0.00E+0	0.00E+0	-9.88E-8
	CC14	0.0000	0.0000	-0.1316	0.00E+0	0.00E+0	-1.86E-7
	CC15	0.0000	0.0000	-0.1023	0.00E+0	0.00E+0	-1.88E-7
	CC16	0.0000	0.0000	-0.1068	0.00E+0	0.00E+0	-2.76E-7
326	CC1	0.0000	0.0000	-0.1429	0.00E+0	0.00E+0	1.63E-7
	CC2	0.0000	0.0000	-0.1433	0.00E+0	0.00E+0	1.43E-7
	CC3	0.0000	0.0000	-0.1375	0.00E+0	0.00E+0	8.23E-8
	CC4	0.0000	0.0000	-0.1378	0.00E+0	0.00E+0	6.24E-8
	CC5	0.0000	0.0000	-0.0579	0.00E+0	0.00E+0	-6.27E-8
	CC6	0.0000	0.0000	-0.0582	0.00E+0	0.00E+0	-8.26E-8
	CC7	0.0000	0.0000	-0.0524	0.00E+0	0.00E+0	-1.44E-7
	CC8	0.0000	0.0000	-0.0528	0.00E+0	0.00E+0	-1.64E-7
	CC9	0.0000	0.0000	-0.1191	0.00E+0	0.00E+0	2.02E-7
	CC10	0.0000	0.0000	-0.1203	0.00E+0	0.00E+0	1.36E-7
	CC11	0.0000	0.0000	-0.0936	0.00E+0	0.00E+0	1.34E-7

	CC12	0.0000	0.0000	-0.0948	0.00E+0	0.00E+0	6.80E-8
	CC13	0.0000	0.0000	-0.1009	0.00E+0	0.00E+0	-6.83E-8
	CC14	0.0000	0.0000	-0.1021	0.00E+0	0.00E+0	-1.34E-7
	CC15	0.0000	0.0000	-0.0754	0.00E+0	0.00E+0	-1.36E-7
	CC16	0.0000	0.0000	-0.0766	0.00E+0	0.00E+0	-2.02E-7
327	CC1	0.1211	0.1978	-0.1331	1.03E-3	-6.20E-4	-1.13E-4
	CC2	0.1164	0.1758	-0.1439	9.15E-4	-5.94E-4	-9.82E-5
	CC3	0.1190	0.0516	-0.2071	2.64E-4	-6.05E-4	-9.84E-5
	CC4	0.1143	0.0296	-0.2179	1.50E-4	-5.79E-4	-8.39E-5
	CC5	-0.1092	-0.0315	0.0091	-1.58E-4	5.70E-4	8.55E-5
	CC6	-0.1139	-0.0536	-0.0017	-2.72E-4	5.96E-4	1.00E-4
	CC7	-0.1113	-0.1778	-0.0650	-9.23E-4	5.85E-4	9.98E-5
	CC8	-0.1160	-0.1998	-0.0757	-1.04E-3	6.11E-4	1.14E-4
	CC9	0.0484	0.3136	0.0155	1.64E-3	-2.50E-4	-7.68E-5
	CC10	0.0328	0.2406	-0.0202	1.26E-3	-1.65E-4	-2.87E-5
	CC11	-0.0207	0.2448	0.0581	1.28E-3	1.07E-4	-1.74E-5
	CC12	-0.0362	0.1718	0.0225	9.04E-4	1.92E-4	3.08E-5
	CC13	0.0413	-0.1738	-0.2313	-9.12E-4	-2.01E-4	-2.92E-5
	CC14	0.0258	-0.2468	-0.2669	-1.29E-3	-1.16E-4	1.90E-5
	CC15	-0.0277	-0.2426	-0.1887	-1.27E-3	1.56E-4	3.03E-5
	CC16	-0.0433	-0.3156	-0.2243	-1.64E-3	2.41E-4	7.85E-5
328	CC1	0.0677	0.1115	-0.1285	9.46E-4	-5.96E-4	-9.31E-5
	CC2	0.0652	0.0990	-0.1370	8.41E-4	-5.72E-4	-8.14E-5
	CC3	0.0669	0.0290	-0.1871	2.50E-4	-5.80E-4	-7.33E-5
	CC4	0.0644	0.0165	-0.1957	1.44E-4	-5.57E-4	-6.16E-5
	CC5	-0.0609	-0.0180	-0.0090	-1.51E-4	5.32E-4	6.19E-5
	CC6	-0.0634	-0.0305	-0.0175	-2.56E-4	5.56E-4	7.36E-5
	CC7	-0.0616	-0.1005	-0.0676	-8.47E-4	5.48E-4	8.17E-5
	CC8	-0.0641	-0.1130	-0.0762	-9.53E-4	5.72E-4	9.35E-5
	CC9	0.0264	0.1769	-0.0083	1.50E-3	-2.47E-4	-7.56E-5
	CC10	0.0182	0.1355	-0.0366	1.15E-3	-1.68E-4	-3.67E-5
	CC11	-0.0121	0.1380	0.0275	1.17E-3	9.16E-5	-2.91E-5
	CC12	-0.0204	0.0967	-0.0008	8.19E-4	1.70E-4	9.85E-6
	CC13	0.0239	-0.0981	-0.2038	-8.25E-4	-1.95E-4	-9.54E-6
	CC14	0.0157	-0.1395	-0.2322	-1.17E-3	-1.16E-4	2.94E-5
	CC15	-0.0146	-0.1370	-0.1680	-1.15E-3	1.44E-4	3.70E-5
	CC16	-0.0229	-0.1783	-0.1963	-1.50E-3	2.22E-4	7.59E-5
329	CC1	0.0214	0.0376	-0.1237	7.30E-4	-4.32E-4	-5.81E-5
	CC2	0.0207	0.0334	-0.1294	6.48E-4	-4.16E-4	-5.09E-5
	CC3	0.0220	0.0097	-0.1633	1.89E-4	-4.39E-4	-4.14E-5
	CC4	0.0212	0.0054	-0.1690	1.08E-4	-4.23E-4	-3.42E-5
	CC5	-0.0199	-0.0061	-0.0314	-1.18E-4	3.99E-4	3.40E-5
	CC6	-0.0207	-0.0104	-0.0371	-2.00E-4	4.14E-4	4.12E-5
	CC7	-0.0194	-0.0341	-0.0710	-6.59E-4	3.92E-4	5.07E-5
	CC8	-0.0202	-0.0383	-0.0767	-7.41E-4	4.08E-4	5.79E-5
	CC9	0.0072	0.0598	-0.0386	1.16E-3	-1.52E-4	-5.37E-5
	CC10	0.0047	0.0458	-0.0575	8.88E-4	-9.97E-5	-2.99E-5
	CC11	-0.0052	0.0467	-0.0109	9.04E-4	9.77E-5	-2.61E-5
	CC12	-0.0077	0.0327	-0.0298	6.33E-4	1.50E-4	-2.23E-6
	CC13	0.0090	-0.0333	-0.1706	-6.44E-4	-1.74E-4	1.98E-6
	CC14	0.0065	-0.0473	-0.1895	-9.15E-4	-1.22E-4	2.58E-5
	CC15	-0.0034	-0.0465	-0.1429	-8.99E-4	7.51E-5	2.96E-5
	CC16	-0.0059	-0.0605	-0.1618	-1.17E-3	1.27E-4	5.35E-5
330	CC1	0.1095	0.1987	-0.1946	1.03E-3	-5.43E-4	-1.10E-4
	CC2	0.1085	0.1766	-0.1865	9.19E-4	-5.37E-4	-9.62E-5
	CC3	0.1128	0.0517	-0.1343	2.63E-4	-5.58E-4	-9.66E-5
	CC4	0.1118	0.0296	-0.1262	1.48E-4	-5.52E-4	-8.26E-5
	CC5	-0.1074	-0.0315	-0.0791	-1.67E-4	5.41E-4	8.25E-5
	CC6	-0.1084	-0.0536	-0.0710	-2.81E-4	5.47E-4	9.65E-5
	CC7	-0.1041	-0.1784	-0.0188	-9.38E-4	5.26E-4	9.61E-5
	CC8	-0.1051	-0.2006	-0.0107	-1.05E-3	5.32E-4	1.10E-4
	CC9	0.0309	0.3152	-0.2339	1.65E-3	-1.53E-4	-7.48E-5
	CC10	0.0276	0.2419	-0.2071	1.27E-3	-1.33E-4	-2.84E-5
	CC11	-0.0342	0.2462	-0.1992	1.29E-3	1.72E-4	-1.70E-5
	CC12	-0.0375	0.1728	-0.1724	9.06E-4	1.92E-4	2.94E-5
	CC13	0.0419	-0.1747	-0.0329	-9.24E-4	-2.04E-4	-2.95E-5
	CC14	0.0386	-0.2480	-0.0061	-1.30E-3	-1.83E-4	1.69E-5
	CC15	-0.0232	-0.2438	0.0017	-1.28E-3	1.21E-4	2.83E-5
	CC16	-0.0265	-0.3171	0.0286	-1.66E-3	1.42E-4	7.47E-5
331	CC1	0.0625	0.1119	-0.1807	9.51E-4	-5.32E-4	-8.80E-5
	CC2	0.0620	0.0994	-0.1745	8.45E-4	-5.28E-4	-7.70E-5
	CC3	0.0642	0.0293	-0.1344	2.48E-4	-5.50E-4	-6.88E-5

	CC4	0.0637	0.0168	-0.1282	1.42E-4	-5.45E-4	-5.78E-5
	CC5	-0.0607	-0.0174	-0.0739	-1.54E-4	5.24E-4	5.88E-5
	CC6	-0.0613	-0.0298	-0.0677	-2.60E-4	5.29E-4	6.98E-5
	CC7	-0.0590	-0.0999	-0.0276	-8.56E-4	5.07E-4	7.80E-5
	CC8	-0.0595	-0.1124	-0.0214	-9.62E-4	5.11E-4	8.90E-5
	CC9	0.0179	0.1774	-0.2046	1.51E-3	-1.48E-4	-7.17E-5
	CC10	0.0162	0.1361	-0.1840	1.16E-3	-1.32E-4	-3.54E-5
	CC11	-0.0190	0.1386	-0.1725	1.18E-3	1.69E-4	-2.77E-5
	CC12	-0.0208	0.0973	-0.1519	8.24E-4	1.85E-4	8.65E-6
	CC13	0.0238	-0.0978	-0.0502	-8.36E-4	-2.06E-4	-7.66E-6
	CC14	0.0220	-0.1391	-0.0296	-1.19E-3	-1.90E-4	2.87E-5
	CC15	-0.0132	-0.1366	-0.0182	-1.17E-3	1.11E-4	3.64E-5
	CC16	-0.0150	-0.1779	0.0024	-1.52E-3	1.27E-4	7.27E-5
332	CC1	0.0205	0.0377	-0.1640	7.32E-4	-4.08E-4	-5.39E-5
	CC2	0.0203	0.0335	-0.1604	6.51E-4	-4.05E-4	-4.72E-5
	CC3	0.0210	0.0099	-0.1356	1.92E-4	-4.19E-4	-3.73E-5
	CC4	0.0209	0.0057	-0.1319	1.10E-4	-4.15E-4	-3.07E-5
	CC5	-0.0198	-0.0057	-0.0670	-1.12E-4	3.95E-4	3.17E-5
	CC6	-0.0200	-0.0099	-0.0634	-1.94E-4	3.98E-4	3.83E-5
	CC7	-0.0193	-0.0335	-0.0386	-6.52E-4	3.84E-4	4.83E-5
	CC8	-0.0194	-0.0377	-0.0349	-7.34E-4	3.88E-4	5.49E-5
	CC9	0.0059	0.0598	-0.1675	1.16E-3	-1.18E-4	-5.09E-5
	CC10	0.0054	0.0459	-0.1553	8.91E-4	-1.07E-4	-2.90E-5
	CC11	-0.0062	0.0468	-0.1384	9.08E-4	1.22E-4	-2.52E-5
	CC12	-0.0067	0.0329	-0.1262	6.38E-4	1.34E-4	-3.33E-6
	CC13	0.0078	-0.0329	-0.0727	-6.39E-4	-1.54E-4	4.39E-6
	CC14	0.0073	-0.0468	-0.0605	-9.09E-4	-1.43E-4	2.63E-5
	CC15	-0.0043	-0.0459	-0.0436	-8.93E-4	8.68E-5	3.01E-5
	CC16	-0.0048	-0.0598	-0.0314	-1.16E-3	9.80E-5	5.19E-5
333	CC1	0.1722	0.2935	-0.1393	1.13E-3	-4.47E-4	-1.37E-4
	CC2	0.1653	0.2607	-0.1518	1.01E-3	-4.42E-4	-1.19E-4
	CC3	0.1697	0.0822	-0.2398	2.60E-4	-5.55E-4	-1.22E-4
	CC4	0.1627	0.0494	-0.2523	1.39E-4	-5.49E-4	-1.05E-4
	CC5	-0.1578	-0.0535	0.0402	-1.59E-4	5.52E-4	1.08E-4
	CC6	-0.1647	-0.0863	0.0276	-2.80E-4	5.58E-4	1.26E-4
	CC7	-0.1603	-0.2649	-0.0603	-1.03E-3	4.45E-4	1.22E-4
	CC8	-0.1673	-0.2977	-0.0728	-1.15E-3	4.51E-4	1.40E-4
	CC9	0.0677	0.4565	0.0552	1.83E-3	2.08E-5	-8.82E-5
	CC10	0.0447	0.3479	0.0137	1.43E-3	4.01E-5	-2.96E-5
	CC11	-0.0313	0.3524	0.1090	1.45E-3	3.21E-4	-1.48E-5
	CC12	-0.0543	0.2438	0.0676	1.04E-3	3.40E-4	4.38E-5
	CC13	0.0592	-0.2479	-0.2797	-1.06E-3	-3.36E-4	-4.06E-5
	CC14	0.0362	-0.3565	-0.3212	-1.47E-3	-3.17E-4	1.81E-5
	CC15	-0.0398	-0.3520	-0.2259	-1.45E-3	-3.64E-5	3.28E-5
	CC16	-0.0628	-0.4606	-0.2673	-1.85E-3	-1.70E-5	9.15E-5
334	CC1	0.0045	0.0140	-0.1346	2.40E-4	-1.51E-4	-2.66E-4
	CC2	0.0040	0.0123	-0.1389	2.13E-4	-1.83E-4	-2.34E-4
	CC3	0.0017	0.0068	-0.1693	6.01E-5	-4.50E-4	-1.28E-4
	CC4	0.0012	0.0051	-0.1736	3.37E-5	-4.82E-4	-9.58E-5
	CC5	-0.0013	-0.0052	-0.0248	-4.11E-5	4.41E-4	9.75E-5
	CC6	-0.0018	-0.0069	-0.0290	-6.76E-5	4.09E-4	1.30E-4
	CC7	-0.0040	-0.0124	-0.0595	-2.21E-4	1.43E-4	2.36E-4
	CC8	-0.0045	-0.0141	-0.0637	-2.47E-4	1.11E-4	2.68E-4
	CC9	0.0063	0.0177	-0.0507	3.82E-4	4.41E-4	-3.38E-4
	CC10	0.0046	0.0120	-0.0649	2.94E-4	3.35E-4	-2.30E-4
	CC11	0.0046	0.0119	-0.0178	2.97E-4	6.18E-4	-2.29E-4
	CC12	0.0029	0.0063	-0.0319	2.10E-4	5.13E-4	-1.21E-4
	CC13	-0.0029	-0.0064	-0.1664	-2.17E-4	-5.53E-4	1.23E-4
	CC14	-0.0046	-0.0120	-0.1806	-3.05E-4	-6.59E-4	2.30E-4
	CC15	-0.0047	-0.0121	-0.1335	-3.02E-4	-3.76E-4	2.32E-4
	CC16	-0.0063	-0.0178	-0.1476	-3.89E-4	-4.81E-4	3.39E-4
335	CC1	0.1180	0.2247	-0.1556	7.92E-4	-6.79E-4	-2.28E-4
	CC2	0.1135	0.1992	-0.1667	7.03E-4	-6.39E-4	-2.01E-4
	CC3	0.1212	0.0717	-0.2546	2.25E-4	-5.59E-4	-1.29E-4
	CC4	0.1166	0.0463	-0.2657	1.36E-4	-5.18E-4	-1.02E-4
	CC5	-0.1112	-0.0494	0.0560	-1.47E-4	5.20E-4	1.07E-4
	CC6	-0.1158	-0.0749	0.0448	-2.36E-4	5.60E-4	1.34E-4
	CC7	-0.1081	-0.2024	-0.0431	-7.14E-4	6.40E-4	2.06E-4
	CC8	-0.1126	-0.2279	-0.0542	-8.03E-4	6.81E-4	2.33E-4
	CC9	0.0393	0.3366	0.0468	1.23E-3	-4.48E-4	-2.57E-4
	CC10	0.0244	0.2522	0.0100	9.34E-4	-3.13E-4	-1.68E-4
	CC11	-0.0294	0.2543	0.1103	9.45E-4	-8.79E-5	-1.56E-4



	CC12	-0.0444	0.1700	0.0734	6.52E-4	4.71E-5	-6.73E-5
	CC13	0.0498	-0.1732	-0.2832	-6.63E-4	-4.54E-5	7.28E-5
	CC14	0.0348	-0.2575	-0.3201	-9.56E-4	8.96E-5	1.62E-4
	CC15	-0.0190	-0.2554	-0.2197	-9.45E-4	3.14E-4	1.73E-4
	CC16	-0.0339	-0.3398	-0.2566	-1.24E-3	4.49E-4	2.62E-4
336	CC1	0.0693	0.1551	-0.1557	7.91E-4	-4.72E-4	-2.64E-4
	CC2	0.0670	0.1373	-0.1653	7.03E-4	-4.61E-4	-2.32E-4
	CC3	0.0743	0.0525	-0.2394	2.16E-4	-5.23E-4	-1.31E-4
	CC4	0.0719	0.0347	-0.2490	1.29E-4	-5.12E-4	-9.90E-5
	CC5	-0.0673	-0.0370	0.0416	-1.38E-4	4.96E-4	1.12E-4
	CC6	-0.0696	-0.0547	0.0321	-2.25E-4	5.07E-4	1.44E-4
	CC7	-0.0623	-0.1396	-0.0421	-7.12E-4	4.45E-4	2.45E-4
	CC8	-0.0647	-0.1573	-0.0516	-8.00E-4	4.57E-4	2.77E-4
	CC9	0.0185	0.2281	0.0220	1.24E-3	-8.76E-5	-3.25E-4
	CC10	0.0107	0.1693	-0.0096	9.47E-4	-4.94E-5	-2.19E-4
	CC11	-0.0225	0.1704	0.0812	9.58E-4	2.03E-4	-2.12E-4
	CC12	-0.0303	0.1117	0.0496	6.69E-4	2.41E-4	-1.06E-4
	CC13	0.0349	-0.1140	-0.2570	-6.78E-4	-2.57E-4	1.19E-4
	CC14	0.0271	-0.1727	-0.2886	-9.67E-4	-2.18E-4	2.25E-4
	CC15	-0.0060	-0.1716	-0.1978	-9.56E-4	3.37E-5	2.32E-4
	CC16	-0.0138	-0.2303	-0.2294	-1.25E-3	7.20E-5	3.38E-4
337	CC1	0.0306	0.0905	-0.1533	7.52E-4	-4.08E-4	-3.47E-4
	CC2	0.0297	0.0800	-0.1616	6.67E-4	-3.86E-4	-3.06E-4
	CC3	0.0355	0.0337	-0.2246	2.33E-4	-3.52E-4	-1.52E-4
	CC4	0.0347	0.0232	-0.2329	1.48E-4	-3.30E-4	-1.10E-4
	CC5	-0.0317	-0.0246	0.0280	-1.61E-4	3.06E-4	1.21E-4
	CC6	-0.0325	-0.0351	0.0198	-2.46E-4	3.28E-4	1.62E-4
	CC7	-0.0267	-0.0814	-0.0433	-6.80E-4	3.62E-4	3.16E-4
	CC8	-0.0275	-0.0919	-0.0515	-7.65E-4	3.84E-4	3.58E-4
	CC9	0.0040	0.1286	0.0029	1.14E-3	-2.49E-4	-4.60E-4
	CC10	0.0012	0.0938	-0.0244	8.55E-4	-1.76E-4	-3.22E-4
	CC11	-0.0147	0.0941	0.0573	8.62E-4	-3.52E-5	-3.19E-4
	CC12	-0.0175	0.0593	0.0300	5.81E-4	3.86E-5	-1.82E-4
	CC13	0.0205	-0.0607	-0.2348	-5.94E-4	-6.23E-5	1.92E-4
	CC14	0.0177	-0.0955	-0.2622	-8.75E-4	1.14E-5	3.29E-4
	CC15	0.0019	-0.0952	-0.1804	-8.68E-4	1.52E-4	3.33E-4
	CC16	-0.0010	-0.1300	-0.2078	-1.15E-3	2.26E-4	4.70E-4
338	CC1	0.1553	0.2955	-0.2491	1.08E-3	-5.76E-4	-1.39E-4
	CC2	0.1534	0.2625	-0.2387	9.66E-4	-5.50E-4	-1.21E-4
	CC3	0.1588	0.0840	-0.1799	2.51E-4	-4.82E-4	-1.25E-4
	CC4	0.1569	0.0511	-0.1695	1.35E-4	-4.55E-4	-1.07E-4
	CC5	-0.1519	-0.0540	-0.0388	-1.49E-4	4.54E-4	1.06E-4
	CC6	-0.1538	-0.0870	-0.0285	-2.65E-4	4.80E-4	1.23E-4
	CC7	-0.1484	-0.2655	0.0304	-9.80E-4	5.48E-4	1.20E-4
	CC8	-0.1503	-0.2985	0.0407	-1.10E-3	5.74E-4	1.38E-4
	CC9	0.0459	0.4580	-0.2682	1.75E-3	-3.56E-4	-9.05E-5
	CC10	0.0396	0.3488	-0.2339	1.37E-3	-2.69E-4	-3.19E-5
	CC11	-0.0462	0.3531	-0.2051	1.38E-3	-4.71E-5	-1.71E-5
	CC12	-0.0525	0.2439	-0.1708	1.00E-3	3.95E-5	4.15E-5
	CC13	0.0575	-0.2469	-0.0375	-1.02E-3	-4.13E-5	-4.29E-5
	CC14	0.0512	-0.3561	-0.0033	-1.40E-3	4.52E-5	1.57E-5
	CC15	-0.0346	-0.3518	0.0255	-1.38E-3	2.67E-4	3.05E-5
	CC16	-0.0409	-0.4609	0.0598	-1.77E-3	3.54E-4	8.91E-5
339	CC1	-0.0023	0.0154	-0.1788	1.89E-4	-5.80E-4	-2.50E-4
	CC2	-0.0021	0.0136	-0.1758	1.69E-4	-5.40E-4	-2.19E-4
	CC3	-0.0012	0.0075	-0.1590	4.27E-5	-3.73E-4	-1.22E-4
	CC4	-0.0009	0.0057	-0.1559	2.28E-5	-3.33E-4	-9.18E-5
	CC5	0.0009	-0.0057	-0.0416	-2.56E-5	3.03E-4	9.24E-5
	CC6	0.0011	-0.0076	-0.0386	-4.55E-5	3.42E-4	1.23E-4
	CC7	0.0020	-0.0136	-0.0218	-1.72E-4	5.09E-4	2.20E-4
	CC8	0.0023	-0.0155	-0.0187	-1.92E-4	5.49E-4	2.50E-4
	CC9	-0.0028	0.0194	-0.1574	3.08E-4	-5.59E-4	-3.14E-4
	CC10	-0.0020	0.0132	-0.1475	2.42E-4	-4.27E-4	-2.13E-4
	CC11	-0.0018	0.0131	-0.1163	2.43E-4	-2.94E-4	-2.11E-4
	CC12	-0.0011	0.0069	-0.1063	1.77E-4	-1.62E-4	-1.11E-4
	CC13	0.0010	-0.0069	-0.0912	-1.80E-4	1.31E-4	1.11E-4
	CC14	0.0018	-0.0131	-0.0813	-2.46E-4	2.63E-4	2.12E-4
	CC15	0.0020	-0.0132	-0.0501	-2.44E-4	3.96E-4	2.14E-4
	CC16	0.0028	-0.0195	-0.0401	-3.10E-4	5.28E-4	3.15E-4
340	CC1	0.1158	0.2254	-0.2804	8.33E-4	-3.82E-4	-1.66E-4
	CC2	0.1138	0.1999	-0.2705	7.40E-4	-3.99E-4	-1.46E-4
	CC3	0.1127	0.0736	-0.2232	2.43E-4	-5.32E-4	-1.14E-4

	CC4	0.1106	0.0480	-0.2133	1.50E-4	-5.49E-4	-9.40E-5
	CC5	-0.1057	-0.0502	0.0065	-1.61E-4	5.51E-4	9.34E-5
	CC6	-0.1078	-0.0757	0.0164	-2.54E-4	5.34E-4	1.13E-4
	CC7	-0.1088	-0.2020	0.0637	-7.51E-4	4.01E-4	1.45E-4
	CC8	-0.1109	-0.2276	0.0736	-8.44E-4	3.84E-4	1.65E-4
	CC9	0.0443	0.3356	-0.2581	1.28E-3	1.39E-4	-1.58E-4
	CC10	0.0375	0.2511	-0.2254	9.72E-4	8.30E-5	-9.21E-5
	CC11	-0.0221	0.2530	-0.1720	9.83E-4	4.19E-4	-8.05E-5
	CC12	-0.0290	0.1684	-0.1393	6.74E-4	3.63E-4	-1.44E-5
	CC13	0.0340	-0.1706	-0.0675	-6.85E-4	-3.61E-4	1.37E-5
	CC14	0.0271	-0.2551	-0.0348	-9.94E-4	-4.17E-4	7.98E-5
	CC15	-0.0325	-0.2532	0.0186	-9.83E-4	-8.13E-5	9.14E-5
	CC16	-0.0394	-0.3378	0.0513	-1.29E-3	-1.37E-4	1.58E-4
341	CC1	0.0758	0.1555	-0.2641	7.66E-4	-5.10E-4	-2.61E-4
	CC2	0.0739	0.1377	-0.2556	6.82E-4	-4.95E-4	-2.30E-4
	CC3	0.0695	0.0541	-0.2165	2.04E-4	-4.74E-4	-1.54E-4
	CC4	0.0675	0.0363	-0.2081	1.19E-4	-4.59E-4	-1.23E-4
	CC5	-0.0633	-0.0374	0.0032	-1.31E-4	4.46E-4	1.09E-4
	CC6	-0.0653	-0.0552	0.0116	-2.16E-4	4.61E-4	1.40E-4
	CC7	-0.0697	-0.1388	0.0507	-6.94E-4	4.83E-4	2.15E-4
	CC8	-0.0716	-0.1566	0.0591	-7.78E-4	4.97E-4	2.46E-4
	CC9	0.0368	0.2269	-0.2357	1.21E-3	-2.35E-4	-2.91E-4
	CC10	0.0304	0.1681	-0.2078	9.26E-4	-1.86E-4	-1.89E-4
	CC11	-0.0050	0.1691	-0.1555	9.36E-4	5.23E-5	-1.80E-4
	CC12	-0.0114	0.1102	-0.1277	6.57E-4	1.01E-4	-7.83E-5
	CC13	0.0156	-0.1113	-0.0773	-6.69E-4	-1.14E-4	6.38E-5
	CC14	0.0092	-0.1702	-0.0494	-9.48E-4	-6.50E-5	1.65E-4
	CC15	-0.0262	-0.1692	0.0029	-9.38E-4	1.73E-4	1.75E-4
	CC16	-0.0326	-0.2280	0.0307	-1.22E-3	2.22E-4	2.76E-4
342	CC1	0.0387	0.0913	-0.2495	7.63E-4	-3.60E-4	-3.45E-4
	CC2	0.0373	0.0807	-0.2423	6.76E-4	-3.61E-4	-3.04E-4
	CC3	0.0324	0.0352	-0.2091	2.53E-4	-3.81E-4	-1.75E-4
	CC4	0.0309	0.0245	-0.2019	1.66E-4	-3.82E-4	-1.34E-4
	CC5	-0.0283	-0.0249	-0.0012	-1.72E-4	3.54E-4	1.24E-4
	CC6	-0.0297	-0.0355	0.0060	-2.58E-4	3.53E-4	1.65E-4
	CC7	-0.0346	-0.0810	0.0392	-6.82E-4	3.33E-4	2.94E-4
	CC8	-0.0360	-0.0916	0.0464	-7.68E-4	3.32E-4	3.35E-4
	CC9	0.0243	0.1284	-0.2182	1.13E-3	-8.42E-5	-4.27E-4
	CC10	0.0196	0.0933	-0.1941	8.44E-4	-8.76E-5	-2.91E-4
	CC11	0.0042	0.0935	-0.1437	8.51E-4	1.30E-4	-2.86E-4
	CC12	-0.0005	0.0584	-0.1196	5.64E-4	1.27E-4	-1.50E-4
	CC13	0.0031	-0.0587	-0.0835	-5.69E-4	-1.54E-4	1.40E-4
	CC14	-0.0015	-0.0939	-0.0594	-8.56E-4	-1.58E-4	2.76E-4
	CC15	-0.0169	-0.0936	-0.0090	-8.50E-4	5.99E-5	2.80E-4
	CC16	-0.0216	-0.1287	0.0151	-1.14E-3	5.64E-5	4.17E-4
343	CC1	0.1375	0.0276	-0.0414	2.01E-4	1.95E-28	-1.39E-4
	CC2	0.1415	0.0287	-0.0382	1.99E-4	1.95E-28	-1.21E-4
	CC3	0.1451	-0.1564	0.0377	-6.27E-4	1.27E-28	-1.24E-4
	CC4	0.1490	-0.1553	0.0408	-6.30E-4	1.27E-28	-1.07E-4
	CC5	-0.1497	0.1506	-0.2174	5.99E-4	-1.27E-28	1.06E-4
	CC6	-0.1457	0.1517	-0.2142	5.97E-4	-1.27E-28	1.24E-4
	CC7	-0.1421	-0.0333	-0.1384	-2.29E-4	-1.95E-28	1.20E-4
	CC8	-0.1382	-0.0322	-0.1352	-2.32E-4	-1.95E-28	1.38E-4
	CC9	0.0236	0.2840	-0.1987	1.31E-3	1.61E-28	-9.02E-5
	CC10	0.0368	0.2877	-0.1884	1.30E-3	1.61E-28	-3.16E-5
	CC11	-0.0626	0.3209	-0.2515	1.43E-3	6.51E-29	-1.68E-5
	CC12	-0.0494	0.3246	-0.2412	1.42E-3	6.51E-29	4.18E-5
	CC13	0.0487	-0.3292	0.0646	-1.45E-3	-6.51E-29	-4.26E-5
	CC14	0.0619	-0.3255	0.0750	-1.46E-3	-6.51E-29	1.60E-5
	CC15	-0.0374	-0.2923	0.0118	-1.33E-3	-1.61E-28	3.08E-5
	CC16	-0.0242	-0.2886	0.0222	-1.34E-3	-1.61E-28	8.94E-5
344	CC1	0.1376	0.0398	-0.0557	2.44E-4	2.09E-28	-1.39E-4
	CC2	0.1416	0.0393	-0.0531	2.36E-4	2.09E-28	-1.22E-4
	CC3	0.1452	-0.1455	0.0086	-5.72E-4	1.35E-28	-1.25E-4
	CC4	0.1491	-0.1459	0.0113	-5.81E-4	1.35E-28	-1.07E-4
	CC5	-0.1496	0.1414	-0.1884	5.47E-4	-1.35E-28	1.05E-4
	CC6	-0.1456	0.1410	-0.1858	5.39E-4	-1.35E-28	1.23E-4
	CC7	-0.1421	-0.0438	-0.1241	-2.69E-4	-2.09E-28	1.20E-4
	CC8	-0.1381	-0.0443	-0.1215	-2.78E-4	-2.09E-28	1.37E-4
	CC9	0.0237	0.2920	-0.1802	1.31E-3	1.74E-28	-9.09E-5
	CC10	0.0369	0.2905	-0.1715	1.28E-3	1.74E-28	-3.23E-5
	CC11	-0.0625	0.3224	-0.2200	1.40E-3	7.11E-29	-1.75E-5

	CC12	-0.0493	0.3210	-0.2114	1.38E-3	7.11E-29	4.11E-5
	CC13	0.0488	-0.3254	0.0342	-1.41E-3	-7.11E-29	-4.33E-5
	CC14	0.0620	-0.3269	0.0429	-1.44E-3	-7.11E-29	1.53E-5
	CC15	-0.0373	-0.2950	-0.0056	-1.32E-3	-1.74E-28	3.01E-5
	CC16	-0.0242	-0.2965	0.0031	-1.35E-3	-1.74E-28	8.87E-5
345	CC1	0.1377	0.1324	-0.0685	2.88E-4	7.96E-29	-1.41E-4
	CC2	0.1417	0.1303	-0.0662	2.74E-4	7.96E-29	-1.23E-4
	CC3	0.1452	-0.0541	-0.0152	-5.41E-4	5.17E-29	-1.26E-4
	CC4	0.1492	-0.0561	-0.0130	-5.55E-4	5.17E-29	-1.09E-4
	CC5	-0.1495	0.0520	-0.1649	5.21E-4	-5.17E-29	1.04E-4
	CC6	-0.1455	0.0499	-0.1627	5.07E-4	-5.17E-29	1.22E-4
	CC7	-0.1420	-0.1345	-0.1116	-3.08E-4	-7.96E-29	1.18E-4
	CC8	-0.1380	-0.1365	-0.1094	-3.22E-4	-7.96E-29	1.36E-4
	CC9	0.0238	0.3241	-0.1669	1.35E-3	6.61E-29	-9.23E-5
	CC10	0.0370	0.3174	-0.1595	1.31E-3	6.61E-29	-3.36E-5
	CC11	-0.0624	0.3000	-0.1959	1.42E-3	2.67E-29	-1.89E-5
	CC12	-0.0492	0.2933	-0.1885	1.38E-3	2.67E-29	3.98E-5
	CC13	0.0489	-0.2975	0.0106	-1.41E-3	-2.67E-29	-4.46E-5
	CC14	0.0621	-0.3042	0.0180	-1.46E-3	-2.67E-29	1.40E-5
	CC15	-0.0372	-0.3216	-0.0183	-1.34E-3	-6.61E-29	2.88E-5
	CC16	-0.0241	-0.3283	-0.0109	-1.39E-3	-6.61E-29	8.74E-5
346	CC1	0.0000	0.0000	-0.0632	0.00E+0	0.00E+0	2.09E-8
	CC2	0.0000	0.0000	-0.0615	0.00E+0	0.00E+0	2.16E-8
	CC3	0.0000	0.0000	-0.0439	0.00E+0	0.00E+0	1.71E-9
	CC4	0.0000	0.0000	-0.0422	0.00E+0	0.00E+0	2.41E-9
	CC5	0.0000	0.0000	-0.1279	0.00E+0	0.00E+0	-2.14E-9
	CC6	0.0000	0.0000	-0.1261	0.00E+0	0.00E+0	-1.45E-9
	CC7	0.0000	0.0000	-0.1086	0.00E+0	0.00E+0	-2.13E-8
	CC8	0.0000	0.0000	-0.1068	0.00E+0	0.00E+0	-2.06E-8
	CC9	0.0000	0.0000	-0.1104	0.00E+0	0.00E+0	3.44E-8
	CC10	0.0000	0.0000	-0.1046	0.00E+0	0.00E+0	3.67E-8
	CC11	0.0000	0.0000	-0.1298	0.00E+0	0.00E+0	2.75E-8
	CC12	0.0000	0.0000	-0.1240	0.00E+0	0.00E+0	2.97E-8
	CC13	0.0000	0.0000	-0.0461	0.00E+0	0.00E+0	-2.95E-8
	CC14	0.0000	0.0000	-0.0402	0.00E+0	0.00E+0	-2.72E-8
	CC15	0.0000	0.0000	-0.0655	0.00E+0	0.00E+0	-3.64E-8
	CC16	0.0000	0.0000	-0.0596	0.00E+0	0.00E+0	-3.41E-8
347	CC1	0.0000	0.0000	-0.0682	0.00E+0	0.00E+0	2.20E-9
	CC2	0.0000	0.0000	-0.0666	0.00E+0	0.00E+0	2.32E-9
	CC3	0.0000	0.0000	-0.0472	0.00E+0	0.00E+0	1.84E-9
	CC4	0.0000	0.0000	-0.0455	0.00E+0	0.00E+0	1.97E-9
	CC5	0.0000	0.0000	-0.1244	0.00E+0	0.00E+0	-1.88E-9
	CC6	0.0000	0.0000	-0.1228	0.00E+0	0.00E+0	-1.75E-9
	CC7	0.0000	0.0000	-0.1034	0.00E+0	0.00E+0	-2.23E-9
	CC8	0.0000	0.0000	-0.1017	0.00E+0	0.00E+0	-2.10E-9
	CC9	0.0000	0.0000	-0.1144	0.00E+0	0.00E+0	1.04E-9
	CC10	0.0000	0.0000	-0.1090	0.00E+0	0.00E+0	1.47E-9
	CC11	0.0000	0.0000	-0.1313	0.00E+0	0.00E+0	-1.82E-1
	CC12	0.0000	0.0000	-0.1258	0.00E+0	0.00E+0	2.44E-1
	CC13	0.0000	0.0000	-0.0441	0.00E+0	0.00E+0	-1.53E-1
	CC14	0.0000	0.0000	-0.0387	0.00E+0	0.00E+0	2.73E-1
	CC15	0.0000	0.0000	-0.0610	0.00E+0	0.00E+0	-1.37E-9
	CC16	0.0000	0.0000	-0.0555	0.00E+0	0.00E+0	-9.48E-1
348	CC1	0.0000	0.0000	-0.0735	0.00E+0	0.00E+0	2.33E-9
	CC2	0.0000	0.0000	-0.0720	0.00E+0	0.00E+0	2.61E-9
	CC3	0.0000	0.0000	-0.0514	0.00E+0	0.00E+0	1.63E-9
	CC4	0.0000	0.0000	-0.0498	0.00E+0	0.00E+0	1.91E-9
	CC5	0.0000	0.0000	-0.1201	0.00E+0	0.00E+0	-2.04E-9
	CC6	0.0000	0.0000	-0.1185	0.00E+0	0.00E+0	-1.76E-9
	CC7	0.0000	0.0000	-0.0979	0.00E+0	0.00E+0	-2.75E-9
	CC8	0.0000	0.0000	-0.0964	0.00E+0	0.00E+0	-2.47E-9
	CC9	0.0000	0.0000	-0.1174	0.00E+0	0.00E+0	1.29E-9
	CC10	0.0000	0.0000	-0.1124	0.00E+0	0.00E+0	2.22E-9
	CC11	0.0000	0.0000	-0.1314	0.00E+0	0.00E+0	-1.90E-11
	CC12	0.0000	0.0000	-0.1263	0.00E+0	0.00E+0	9.07E-1
	CC13	0.0000	0.0000	-0.0436	0.00E+0	0.00E+0	-1.04E-9
	CC14	0.0000	0.0000	-0.0385	0.00E+0	0.00E+0	-1.16E-1
	CC15	0.0000	0.0000	-0.0575	0.00E+0	0.00E+0	-2.35E-9
	CC16	0.0000	0.0000	-0.0525	0.00E+0	0.00E+0	-1.43E-9
349	CC1	0.1625	-0.3118	-0.0180	1.22E-29	-6.11E-4	-1.32E-4
	CC2	0.1570	-0.2672	-0.0166	1.22E-29	-5.90E-4	-1.15E-4
	CC3	0.1608	-0.4607	-0.0299	7.93E-3	-6.19E-4	-1.18E-4

	CC4	0.1553	-0.4161	-0.0285	7.93E-3	-5.98E-4	-1.00E-4
	CC5	-0.1605	0.4115	-0.1466	-7.93E-3	5.92E-4	1.12E-4
	CC6	-0.1660	0.4561	-0.1452	-7.93E-3	6.14E-4	1.30E-4
	CC7	-0.1621	0.2626	-0.1585	-1.22E-29	5.84E-4	1.27E-4
	CC8	-0.1676	0.3072	-0.1570	-1.22E-29	6.05E-4	1.44E-4
	CC9	0.0577	0.0635	-0.0508	1.01E-29	-2.05E-4	-8.39E-5
	CC10	0.0395	0.2112	-0.0461	1.01E-29	-1.34E-4	-2.52E-5
	CC11	-0.0392	0.2804	-0.0893	4.06E-3	1.56E-4	-1.05E-5
	CC12	-0.0574	0.4282	-0.0847	4.06E-3	2.27E-4	4.82E-5
	CC13	0.0522	-0.4328	-0.0904	-4.06E-3	-2.33E-4	-3.62E-5
	CC14	0.0340	-0.2850	-0.0857	-4.06E-3	-1.62E-4	2.24E-5
	CC15	-0.0447	-0.2158	-0.1290	-1.01E-29	1.28E-4	3.72E-5
	CC16	-0.0628	-0.0680	-0.1243	-1.01E-29	1.99E-4	9.58E-5
350	CC1	0.1563	-0.3117	0.0017	1.39E-28	-5.96E-4	-1.33E-4
	CC2	0.1525	-0.2671	-0.0083	1.39E-28	-5.85E-4	-1.15E-4
	CC3	0.1586	-0.4606	0.0337	9.00E-29	-5.89E-4	-1.18E-4
	CC4	0.1549	-0.4160	0.0237	9.00E-29	-5.78E-4	-1.01E-4
	CC5	-0.1588	0.4116	-0.1967	-9.00E-29	5.75E-4	1.12E-4
	CC6	-0.1626	0.4562	-0.2067	-9.00E-29	5.86E-4	1.30E-4
	CC7	-0.1565	0.2627	-0.1647	-1.39E-28	5.82E-4	1.26E-4
	CC8	-0.1603	0.3074	-0.1747	-1.39E-28	5.93E-4	1.44E-4
	CC9	0.0477	0.0636	-0.0936	1.16E-28	-2.08E-4	-8.40E-5
	CC10	0.0351	0.2113	-0.1266	1.16E-28	-1.69E-4	-2.54E-5
	CC11	-0.0469	0.2806	-0.1531	4.75E-29	1.43E-4	-1.06E-5
	CC12	-0.0594	0.4283	-0.1861	4.75E-29	1.82E-4	4.80E-5
	CC13	0.0554	-0.4327	0.0131	-4.75E-29	-1.85E-4	-3.64E-5
	CC14	0.0429	-0.2849	-0.0199	-4.75E-29	-1.47E-4	2.23E-5
	CC15	-0.0391	-0.2157	-0.0464	-1.16E-28	1.66E-4	3.70E-5
	CC16	-0.0517	-0.0679	-0.0795	-1.16E-28	2.05E-4	9.57E-5
351	CC1	-0.0013	-0.0319	-0.0310	-3.64E-4	-3.07E-4	3.36E-5
	CC2	-0.0014	-0.0276	-0.0327	-3.10E-4	-3.20E-4	2.92E-5
	CC3	-0.0009	-0.0427	-0.0280	-5.54E-4	-2.29E-4	4.43E-5
	CC4	-0.0010	-0.0385	-0.0297	-5.01E-4	-2.42E-4	3.99E-5
	CC5	0.0010	0.0386	-0.1385	4.96E-4	2.79E-4	-4.03E-5
	CC6	0.0008	0.0429	-0.1402	5.49E-4	2.66E-4	-4.47E-5
	CC7	0.0014	0.0278	-0.1355	3.05E-4	3.57E-4	-2.96E-5
	CC8	0.0013	0.0320	-0.1372	3.58E-4	3.44E-4	-3.40E-5
	CC9	-0.0008	0.0006	-0.0702	9.78E-5	-1.79E-4	3.30E-7
	CC10	-0.0013	0.0146	-0.0758	2.75E-4	-2.20E-4	-1.42E-5
	CC11	-0.0002	0.0217	-0.1025	3.56E-4	-3.03E-6	-2.18E-5
	CC12	-0.0006	0.0358	-0.1081	5.33E-4	-4.43E-5	-3.64E-5
	CC13	0.0006	-0.0356	-0.0601	-5.38E-4	8.11E-5	3.60E-5
	CC14	0.0001	-0.0216	-0.0658	-3.61E-4	3.98E-5	2.15E-5
	CC15	0.0012	-0.0145	-0.0924	-2.80E-4	2.57E-4	1.38E-5
	CC16	0.0008	-0.0004	-0.0980	-1.03E-4	2.16E-4	-7.01E-7
352	CC1	0.0061	-0.0318	-0.0203	-3.62E-4	-3.24E-4	3.56E-5
	CC2	0.0053	-0.0275	-0.0273	-3.10E-4	-3.05E-4	3.09E-5
	CC3	0.0081	-0.0426	0.0012	-5.56E-4	-3.62E-4	4.67E-5
	CC4	0.0073	-0.0383	-0.0057	-5.04E-4	-3.44E-4	4.21E-5
	CC5	-0.0074	0.0385	-0.1618	4.94E-4	3.74E-4	-4.22E-5
	CC6	-0.0082	0.0428	-0.1687	5.46E-4	3.93E-4	-4.69E-5
	CC7	-0.0053	0.0277	-0.1402	2.99E-4	3.35E-4	-3.11E-5
	CC8	-0.0061	0.0320	-0.1471	3.52E-4	3.54E-4	-3.57E-5
	CC9	-0.0001	0.0006	-0.0870	1.04E-4	-5.57E-5	6.79E-7
	CC10	-0.0028	0.0146	-0.1099	2.77E-4	5.83E-6	-1.47E-5
	CC11	-0.0042	0.0216	-0.1294	3.60E-4	1.54E-4	-2.27E-5
	CC12	-0.0068	0.0357	-0.1524	5.34E-4	2.15E-4	-3.80E-5
	CC13	0.0068	-0.0355	-0.0151	-5.44E-4	-1.85E-4	3.79E-5
	CC14	0.0041	-0.0214	-0.0380	-3.71E-4	-1.23E-4	2.25E-5
	CC15	0.0027	-0.0144	-0.0575	-2.87E-4	2.46E-5	1.45E-5
	CC16	0.0001	-0.0003	-0.0805	-1.14E-4	8.61E-5	-8.14E-7
353	CC1	0.1687	0.3059	-0.1780	5.06E-4	-7.40E-4	-1.49E-4
	CC2	0.1627	0.2715	-0.1854	4.56E-4	-6.93E-4	-1.32E-4
	CC3	0.1668	0.0933	-0.2529	1.63E-4	-5.80E-4	-1.35E-4
	CC4	0.1608	0.0590	-0.2603	1.13E-4	-5.33E-4	-1.17E-4
	CC5	-0.1565	-0.0629	0.0489	-6.08E-5	5.35E-4	9.54E-5
	CC6	-0.1624	-0.0973	0.0416	-1.10E-4	5.82E-4	1.13E-4
	CC7	-0.1584	-0.2755	-0.0260	-4.04E-4	6.94E-4	1.10E-4
	CC8	-0.1643	-0.3099	-0.0333	-4.53E-4	7.41E-4	1.27E-4
	CC9	0.0640	0.4646	-0.0027	7.65E-4	-5.34E-4	-1.01E-4
	CC10	0.0443	0.3508	-0.0270	6.00E-4	-3.78E-4	-4.21E-5
	CC11	-0.0336	0.3539	0.0654	5.95E-4	-1.52E-4	-2.74E-5

	CC12	-0.0533	0.2401	0.0411	4.30E-4	3.87E-6	3.13E-5
	CC13	0.0577	-0.2441	-0.2524	-3.78E-4	-2.30E-6	-5.31E-5
	CC14	0.0379	-0.3579	-0.2768	-5.43E-4	1.53E-4	5.52E-6
	CC15	-0.0399	-0.3547	-0.1843	-5.48E-4	3.80E-4	2.03E-5
	CC16	-0.0596	-0.4685	-0.2087	-7.13E-4	5.36E-4	7.89E-5
354	CC1	-0.0005	0.0368	-0.1680	4.40E-4	-3.32E-4	-3.35E-5
	CC2	-0.0007	0.0323	-0.1723	3.92E-4	-3.45E-4	-2.97E-5
	CC3	-0.0019	0.0178	-0.2114	1.12E-4	-5.11E-4	-1.36E-5
	CC4	-0.0021	0.0133	-0.2157	6.38E-5	-5.23E-4	-9.79E-6
	CC5	0.0020	-0.0135	0.0139	-7.36E-5	4.76E-4	9.20E-6
	CC6	0.0019	-0.0180	0.0096	-1.22E-4	4.64E-4	1.30E-5
	CC7	0.0006	-0.0325	-0.0295	-4.01E-4	2.98E-4	2.91E-5
	CC8	0.0004	-0.0369	-0.0338	-4.50E-4	2.85E-4	3.29E-5
	CC9	0.0023	0.0464	-0.0487	6.98E-4	1.72E-4	-4.62E-5
	CC10	0.0017	0.0316	-0.0629	5.39E-4	1.32E-4	-3.35E-5
	CC11	0.0030	0.0314	0.0059	5.44E-4	4.15E-4	-3.34E-5
	CC12	0.0024	0.0165	-0.0084	3.85E-4	3.74E-4	-2.07E-5
	CC13	-0.0025	-0.0167	-0.1934	-3.95E-4	-4.21E-4	2.01E-5
	CC14	-0.0031	-0.0315	-0.2077	-5.54E-4	-4.62E-4	3.28E-5
	CC15	-0.0017	-0.0318	-0.1389	-5.49E-4	-1.79E-4	3.29E-5
	CC16	-0.0023	-0.0466	-0.1531	-7.08E-4	-2.19E-4	4.56E-5
355	CC1	0.3804	-0.6786	-0.1057	-1.07E-3	-6.10E-4	-3.46E-4
	CC2	0.3672	-0.5777	-0.1036	-9.08E-4	-5.93E-4	-3.02E-4
	CC3	0.3872	-1.0628	-0.1147	-1.68E-3	-6.15E-4	-2.92E-4
	CC4	0.3740	-0.9619	-0.1126	-1.52E-3	-5.98E-4	-2.48E-4
	CC5	-0.3721	0.9474	-0.0703	1.48E-3	5.52E-4	2.50E-4
	CC6	-0.3853	1.0483	-0.0682	1.64E-3	5.69E-4	2.94E-4
	CC7	-0.3654	0.5632	-0.0793	8.71E-4	5.47E-4	3.04E-4
	CC8	-0.3786	0.6641	-0.0772	1.03E-3	5.64E-4	3.48E-4
	CC9	0.1244	0.2222	-0.0853	3.55E-4	-2.17E-4	-2.52E-4
	CC10	0.0808	0.5563	-0.0782	8.82E-4	-1.61E-4	-1.07E-4
	CC11	-0.1013	0.7100	-0.0747	1.12E-3	1.32E-4	-7.34E-5
	CC12	-0.1450	1.0441	-0.0676	1.65E-3	1.88E-4	7.20E-5
	CC13	0.1468	-1.0586	-0.1153	-1.68E-3	-2.34E-4	-7.00E-5
	CC14	0.1032	-0.7244	-0.1082	-1.16E-3	-1.78E-4	7.54E-5
	CC15	-0.0789	-0.5708	-0.1047	-9.20E-4	1.15E-4	1.09E-4
	CC16	-0.1226	-0.2366	-0.0976	-3.92E-4	1.71E-4	2.54E-4
356	CC1	0.3664	-0.6785	-0.0046	-1.03E-3	-6.04E-4	-3.47E-4
	CC2	0.3574	-0.5776	-0.0174	-8.74E-4	-5.91E-4	-3.03E-4
	CC3	0.3780	-1.0627	0.0445	-1.62E-3	-6.28E-4	-2.92E-4
	CC4	0.3690	-0.9618	0.0316	-1.46E-3	-6.15E-4	-2.48E-4
	CC5	-0.3671	0.9475	-0.2111	1.43E-3	5.79E-4	2.49E-4
	CC6	-0.3760	1.0484	-0.2239	1.58E-3	5.92E-4	2.93E-4
	CC7	-0.3555	0.5633	-0.1620	8.40E-4	5.55E-4	3.04E-4
	CC8	-0.3644	0.6642	-0.1749	9.93E-4	5.68E-4	3.48E-4
	CC9	0.1065	0.2222	-0.1192	3.41E-4	-1.78E-4	-2.53E-4
	CC10	0.0768	0.5564	-0.1617	8.49E-4	-1.34E-4	-1.07E-4
	CC11	-0.1135	0.7100	-0.1812	1.08E-3	1.77E-4	-7.40E-5
	CC12	-0.1432	1.0442	-0.2237	1.59E-3	2.21E-4	7.14E-5
	CC13	0.1452	-1.0585	0.0442	-1.62E-3	-2.58E-4	-7.06E-5
	CC14	0.1155	-0.7243	0.0018	-1.11E-3	-2.13E-4	7.49E-5
	CC15	-0.0748	-0.5707	-0.0177	-8.83E-4	9.74E-5	1.08E-4
	CC16	-0.1045	-0.2365	-0.0602	-3.75E-4	1.42E-4	2.54E-4
357	CC1	0.3433	-0.5830	-0.1981	-1.21E-3	-6.82E-4	-2.93E-4
	CC2	0.3281	-0.4967	-0.1820	-1.03E-3	-6.51E-4	-2.56E-4
	CC3	0.3401	-0.9086	-0.2607	-1.96E-3	-6.87E-4	-2.48E-4
	CC4	0.3249	-0.8223	-0.2446	-1.78E-3	-6.56E-4	-2.11E-4
	CC5	-0.3273	0.8115	0.0593	1.75E-3	6.34E-4	2.13E-4
	CC6	-0.3425	0.8978	0.0754	1.93E-3	6.65E-4	2.50E-4
	CC7	-0.3305	0.4859	-0.0032	1.00E-3	6.28E-4	2.58E-4
	CC8	-0.3457	0.5722	0.0129	1.19E-3	6.60E-4	2.95E-4
	CC9	0.1299	0.1853	-0.0536	4.81E-4	-2.52E-4	-2.12E-4
	CC10	0.0795	0.4708	-0.0003	1.09E-3	-1.48E-4	-8.90E-5
	CC11	-0.0713	0.6036	0.0237	1.37E-3	1.43E-4	-5.99E-5
	CC12	-0.1216	0.8892	0.0770	1.98E-3	2.47E-4	6.27E-5
	CC13	0.1192	-0.9000	-0.2622	-2.01E-3	-2.69E-4	-6.05E-5
	CC14	0.0689	-0.6145	-0.2089	-1.40E-3	-1.66E-4	6.22E-5
	CC15	-0.0819	-0.4817	-0.1850	-1.12E-3	1.26E-4	9.13E-5
	CC16	-0.1323	-0.1961	-0.1316	-5.09E-4	2.29E-4	2.14E-4
358	CC1	0.2819	-0.4780	-0.1896	-1.19E-3	-6.97E-4	-2.45E-4
	CC2	0.2697	-0.4079	-0.1747	-1.01E-3	-6.62E-4	-2.14E-4
	CC3	0.2794	-0.7392	-0.2470	-1.92E-3	-7.12E-4	-2.12E-4

	CC4	0.2671	-0.6691	-0.2320	-1.74E-3	-6.77E-4	-1.81E-4
	CC5	-0.2706	0.6603	0.0491	1.72E-3	6.72E-4	1.83E-4
	CC6	-0.2828	0.7304	0.0640	1.90E-3	7.07E-4	2.14E-4
	CC7	-0.2732	0.3991	-0.0082	9.91E-4	6.57E-4	2.15E-4
	CC8	-0.2854	0.4692	0.0067	1.17E-3	6.92E-4	2.46E-4
	CC9	0.1057	0.1442	-0.0565	4.68E-4	-2.41E-4	-1.69E-4
	CC10	0.0652	0.3763	-0.0070	1.06E-3	-1.26E-4	-6.61E-5
	CC11	-0.0601	0.4857	0.0152	1.34E-3	1.70E-4	-4.06E-5
	CC12	-0.1006	0.7178	0.0646	1.93E-3	2.85E-4	6.22E-5
	CC13	0.0971	-0.7265	-0.2475	-1.96E-3	-2.90E-4	-6.04E-5
	CC14	0.0566	-0.4944	-0.1981	-1.36E-3	-1.75E-4	4.23E-5
	CC15	-0.0687	-0.3850	-0.1759	-1.08E-3	1.20E-4	6.78E-5
	CC16	-0.1092	-0.1529	-0.1265	-4.89E-4	2.36E-4	1.71E-4
359	CC1	0.2213	-0.3783	-0.1781	-1.09E-3	-6.62E-4	-1.95E-4
	CC2	0.2121	-0.3233	-0.1649	-9.26E-4	-6.30E-4	-1.70E-4
	CC3	0.2185	-0.5788	-0.2282	-1.75E-3	-6.75E-4	-1.74E-4
	CC4	0.2093	-0.5238	-0.2150	-1.58E-3	-6.43E-4	-1.50E-4
	CC5	-0.2131	0.5170	0.0342	1.56E-3	6.37E-4	1.51E-4
	CC6	-0.2224	0.5719	0.0474	1.72E-3	6.69E-4	1.76E-4
	CC7	-0.2159	0.3165	-0.0158	9.04E-4	6.24E-4	1.72E-4
	CC8	-0.2251	0.3714	-0.0026	1.07E-3	6.56E-4	1.97E-4
	CC9	0.0831	0.1055	-0.0606	4.16E-4	-2.29E-4	-1.27E-4
	CC10	0.0525	0.2874	-0.0170	9.55E-4	-1.22E-4	-4.43E-5
	CC11	-0.0472	0.3741	0.0031	1.21E-3	1.61E-4	-2.31E-5
	CC12	-0.0778	0.5560	0.0467	1.75E-3	2.67E-4	5.96E-5
	CC13	0.0739	-0.5628	-0.2275	-1.77E-3	-2.73E-4	-5.79E-5
	CC14	0.0434	-0.3810	-0.1838	-1.23E-3	-1.67E-4	2.47E-5
	CC15	-0.0564	-0.2943	-0.1638	-9.78E-4	1.17E-4	4.59E-5
	CC16	-0.0870	-0.1124	-0.1201	-4.39E-4	2.23E-4	1.29E-4
360	CC1	0.3027	-0.5778	0.0918	-1.18E-3	-5.94E-4	-2.99E-4
	CC2	0.2987	-0.4924	0.0647	-9.98E-4	-5.84E-4	-2.61E-4
	CC3	0.3156	-0.9003	0.1959	-1.90E-3	-6.36E-4	-2.56E-4
	CC4	0.3117	-0.8149	0.1688	-1.72E-3	-6.27E-4	-2.18E-4
	CC5	-0.3122	0.8039	-0.3439	1.68E-3	6.07E-4	2.18E-4
	CC6	-0.3161	0.8893	-0.3710	1.86E-3	6.16E-4	2.56E-4
	CC7	-0.2992	0.4814	-0.2398	9.64E-4	5.65E-4	2.60E-4
	CC8	-0.3031	0.5668	-0.2669	1.14E-3	5.74E-4	2.98E-4
	CC9	0.0769	0.1833	-0.1508	4.62E-4	-1.34E-4	-2.11E-4
	CC10	0.0638	0.4660	-0.2405	1.05E-3	-1.04E-4	-8.60E-5
	CC11	-0.1075	0.5978	-0.2815	1.32E-3	2.26E-4	-5.63E-5
	CC12	-0.1206	0.8805	-0.3712	1.91E-3	2.56E-4	6.89E-5
	CC13	0.1201	-0.8916	0.1961	-1.94E-3	-2.76E-4	-6.96E-5
	CC14	0.1071	-0.6088	0.1064	-1.35E-3	-2.45E-4	5.57E-5
	CC15	-0.0643	-0.4771	0.0654	-1.08E-3	8.46E-5	8.54E-5
	CC16	-0.0774	-0.1943	-0.0243	-4.96E-4	1.15E-4	2.11E-4
361	CC1	0.2513	-0.4775	0.0836	-1.13E-3	-5.86E-4	-2.47E-4
	CC2	0.2481	-0.4074	0.0579	-9.63E-4	-5.77E-4	-2.16E-4
	CC3	0.2605	-0.7385	0.1813	-1.82E-3	-6.27E-4	-2.16E-4
	CC4	0.2574	-0.6684	0.1557	-1.65E-3	-6.18E-4	-1.85E-4
	CC5	-0.2592	0.6602	-0.3297	1.63E-3	6.07E-4	1.85E-4
	CC6	-0.2623	0.7303	-0.3554	1.80E-3	6.16E-4	2.16E-4
	CC7	-0.2499	0.3992	-0.2319	9.34E-4	5.65E-4	2.16E-4
	CC8	-0.2530	0.4693	-0.2576	1.10E-3	5.75E-4	2.47E-4
	CC9	0.0654	0.1442	-0.1455	4.43E-4	-1.30E-4	-1.69E-4
	CC10	0.0551	0.3762	-0.2305	1.01E-3	-1.00E-4	-6.46E-5
	CC11	-0.0877	0.4855	-0.2694	1.27E-3	2.28E-4	-3.91E-5
	CC12	-0.0981	0.7175	-0.3545	1.83E-3	2.58E-4	6.49E-5
	CC13	0.0963	-0.7257	0.1804	-1.86E-3	-2.69E-4	-6.50E-5
	CC14	0.0859	-0.4937	0.0954	-1.30E-3	-2.39E-4	3.91E-5
	CC15	-0.0568	-0.3844	0.0565	-1.04E-3	8.88E-5	6.46E-5
	CC16	-0.0672	-0.1524	-0.0285	-4.72E-4	1.19E-4	1.69E-4
362	CC1	0.2003	-0.3816	0.0723	-1.07E-3	-5.70E-4	-1.94E-4
	CC2	0.1979	-0.3261	0.0485	-9.06E-4	-5.63E-4	-1.69E-4
	CC3	0.2063	-0.5842	0.1621	-1.71E-3	-6.03E-4	-1.73E-4
	CC4	0.2039	-0.5286	0.1382	-1.55E-3	-5.96E-4	-1.48E-4
	CC5	-0.2064	0.5228	-0.3111	1.52E-3	5.88E-4	1.49E-4
	CC6	-0.2088	0.5784	-0.3349	1.68E-3	5.96E-4	1.74E-4
	CC7	-0.2005	0.3203	-0.2213	8.81E-4	5.55E-4	1.70E-4
	CC8	-0.2029	0.3758	-0.2451	1.04E-3	5.63E-4	1.95E-4
	CC9	0.0538	0.1071	-0.1390	4.07E-4	-1.36E-4	-1.27E-4
	CC10	0.0459	0.2910	-0.2179	9.34E-4	-1.10E-4	-4.50E-5
	CC11	-0.0682	0.3785	-0.2540	1.18E-3	2.12E-4	-2.43E-5

	CC12	-0.0761	0.5623	-0.3329	1.71E-3	2.37E-4	5.79E-5
	CC13	0.0735	-0.5681	0.1601	-1.74E-3	-2.45E-4	-5.68E-5
	CC14	0.0656	-0.3843	0.0812	-1.21E-3	-2.19E-4	2.54E-5
	CC15	-0.0485	-0.2967	0.0451	-9.59E-4	1.03E-4	4.61E-5
	CC16	-0.0564	-0.1129	-0.0338	-4.32E-4	1.28E-4	1.28E-4
363	CC1	0.3984	-0.7012	-0.2107	-1.16E-3	-1.78E-4	-3.48E-4
	CC2	0.3806	-0.5974	-0.1930	-9.83E-4	-1.51E-4	-3.04E-4
	CC3	0.3961	-1.0819	-0.2850	-1.83E-3	-2.81E-4	-2.93E-4
	CC4	0.3782	-0.9781	-0.2673	-1.65E-3	-2.55E-4	-2.49E-4
	CC5	-0.3768	0.9635	0.0826	1.61E-3	2.48E-4	2.48E-4
	CC6	-0.3946	1.0673	0.1003	1.78E-3	2.74E-4	2.92E-4
	CC7	-0.3791	0.5828	0.0082	9.37E-4	1.44E-4	3.03E-4
	CC8	-0.3970	0.6866	0.0260	1.11E-3	1.71E-4	3.47E-4
	CC9	0.1505	0.2056	-0.0418	3.94E-4	6.08E-5	-2.53E-4
	CC10	0.0914	0.5492	0.0169	9.66E-4	1.49E-4	-1.08E-4
	CC11	-0.0821	0.7051	0.0462	1.22E-3	1.88E-4	-7.47E-5
	CC12	-0.1412	1.0486	0.1049	1.79E-3	2.76E-4	7.08E-5
	CC13	0.1426	-1.0632	-0.2896	-1.84E-3	-2.83E-4	-7.12E-5
	CC14	0.0835	-0.7196	-0.2309	-1.27E-3	-1.95E-4	7.42E-5
	CC15	-0.0899	-0.5638	-0.2016	-1.01E-3	-1.56E-4	1.08E-4
	CC16	-0.1490	-0.2202	-0.1429	-4.40E-4	-6.78E-5	2.53E-4
364	CC1	0.3421	-0.6154	0.0975	-1.26E-3	-6.83E-4	-2.51E-4
	CC2	0.3267	-0.5253	0.1156	-1.08E-3	-6.48E-4	-2.21E-4
	CC3	0.3387	-0.9313	0.0177	-1.98E-3	-6.95E-4	-1.83E-4
	CC4	0.3233	-0.8412	0.0358	-1.79E-3	-6.60E-4	-1.52E-4
	CC5	-0.3252	0.8294	-0.2175	1.76E-3	6.31E-4	1.51E-4
	CC6	-0.3406	0.9195	-0.1994	1.95E-3	6.65E-4	1.82E-4
	CC7	-0.3286	0.5135	-0.2972	1.04E-3	6.19E-4	2.20E-4
	CC8	-0.3440	0.6036	-0.2791	1.23E-3	6.53E-4	2.51E-4
	CC9	0.1304	0.1548	0.0594	4.06E-4	-2.49E-4	-2.27E-4
	CC10	0.0794	0.4531	0.1193	1.03E-3	-1.35E-4	-1.24E-4
	CC11	-0.0698	0.5883	-0.0351	1.31E-3	1.45E-4	-1.06E-4
	CC12	-0.1208	0.8865	0.0248	1.94E-3	2.59E-4	-3.37E-6
	CC13	0.1189	-0.8983	-0.2064	-1.97E-3	-2.89E-4	2.94E-6
	CC14	0.0679	-0.6001	-0.1465	-1.34E-3	-1.74E-4	1.05E-4
	CC15	-0.0813	-0.4649	-0.3009	-1.06E-3	1.05E-4	1.24E-4
	CC16	-0.1323	-0.1666	-0.2410	-4.38E-4	2.20E-4	2.26E-4
365	CC1	0.2825	-0.5088	0.0861	-1.19E-3	-6.80E-4	-2.23E-4
	CC2	0.2701	-0.4348	0.1029	-1.01E-3	-6.46E-4	-1.95E-4
	CC3	0.2785	-0.7652	0.0124	-1.85E-3	-6.93E-4	-1.80E-4
	CC4	0.2662	-0.6912	0.0292	-1.67E-3	-6.59E-4	-1.52E-4
	CC5	-0.2699	0.6821	-0.2097	1.65E-3	6.45E-4	1.52E-4
	CC6	-0.2823	0.7561	-0.1929	1.82E-3	6.79E-4	1.80E-4
	CC7	-0.2739	0.4256	-0.2835	9.84E-4	6.32E-4	1.95E-4
	CC8	-0.2863	0.4996	-0.2667	1.16E-3	6.67E-4	2.23E-4
	CC9	0.1081	0.1217	0.0492	3.74E-4	-2.41E-4	-1.75E-4
	CC10	0.0671	0.3666	0.1048	9.59E-4	-1.28E-4	-8.12E-5
	CC11	-0.0576	0.4790	-0.0396	1.22E-3	1.56E-4	-6.21E-5
	CC12	-0.0986	0.7239	0.0161	1.81E-3	2.70E-4	3.13E-5
	CC13	0.0949	-0.7331	-0.1966	-1.84E-3	-2.83E-4	-3.11E-5
	CC14	0.0538	-0.4881	-0.1409	-1.25E-3	-1.70E-4	6.23E-5
	CC15	-0.0709	-0.3758	-0.2854	-9.86E-4	1.14E-4	8.15E-5
	CC16	-0.1119	-0.1309	-0.2297	-4.02E-4	2.28E-4	1.75E-4
366	CC1	0.2236	-0.4074	0.0711	-1.14E-3	-6.49E-4	-1.85E-4
	CC2	0.2140	-0.3486	0.0862	-9.71E-4	-6.21E-4	-1.61E-4
	CC3	0.2196	-0.6079	0.0051	-1.77E-3	-6.34E-4	-1.62E-4
	CC4	0.2100	-0.5491	0.0202	-1.60E-3	-6.07E-4	-1.39E-4
	CC5	-0.2149	0.5423	-0.1992	1.58E-3	5.96E-4	1.40E-4
	CC6	-0.2244	0.6011	-0.1840	1.74E-3	6.23E-4	1.63E-4
	CC7	-0.2189	0.3418	-0.2652	9.46E-4	6.10E-4	1.62E-4
	CC8	-0.2284	0.4006	-0.2501	1.11E-3	6.38E-4	1.85E-4
	CC9	0.0858	0.0910	0.0360	3.51E-4	-2.62E-4	-1.24E-4
	CC10	0.0542	0.2856	0.0861	9.08E-4	-1.71E-4	-4.56E-5
	CC11	-0.0457	0.3759	-0.0450	1.17E-3	1.11E-4	-2.71E-5
	CC12	-0.0773	0.5705	0.0051	1.72E-3	2.03E-4	5.16E-5
	CC13	0.0725	-0.5774	-0.1840	-1.75E-3	-2.14E-4	-5.07E-5
	CC14	0.0409	-0.3827	-0.1339	-1.19E-3	-1.22E-4	2.80E-5
	CC15	-0.0590	-0.2925	-0.2651	-9.33E-4	1.60E-4	4.65E-5
	CC16	-0.0906	-0.0978	-0.2150	-3.76E-4	2.51E-4	1.25E-4
367	CC1	0.3543	-0.7011	0.0939	-1.17E-3	-1.79E-4	-3.48E-4
	CC2	0.3491	-0.5973	0.0664	-9.91E-4	-1.52E-4	-3.04E-4
	CC3	0.3704	-1.0817	0.1981	-1.86E-3	-2.86E-4	-2.93E-4

	CC4	0.3652	-0.9779	0.1706	-1.69E-3	-2.59E-4	-2.49E-4
	CC5	-0.3633	0.9637	-0.3452	1.65E-3	2.53E-4	2.48E-4
	CC6	-0.3684	1.0675	-0.3727	1.82E-3	2.80E-4	2.92E-4
	CC7	-0.3472	0.5830	-0.2410	9.51E-4	1.46E-4	3.03E-4
	CC8	-0.3524	0.6868	-0.2685	1.13E-3	1.73E-4	3.47E-4
	CC9	0.0904	0.2058	-0.1495	4.30E-4	6.60E-5	-2.54E-4
	CC10	0.0732	0.5494	-0.2406	1.01E-3	1.55E-4	-1.08E-4
	CC11	-0.1248	0.7052	-0.2813	1.27E-3	1.96E-4	-7.48E-5
	CC12	-0.1420	1.0488	-0.3723	1.86E-3	2.85E-4	7.06E-5
	CC13	0.1440	-1.0631	0.1977	-1.90E-3	-2.91E-4	-7.14E-5
	CC14	0.1268	-0.7195	0.1067	-1.31E-3	-2.02E-4	7.40E-5
	CC15	-0.0713	-0.5637	0.0660	-1.05E-3	-1.61E-4	1.07E-4
	CC16	-0.0885	-0.2201	-0.0251	-4.70E-4	-7.21E-5	2.53E-4
368	CC1	0.3048	-0.6150	0.0911	-1.26E-3	-5.92E-4	-2.77E-4
	CC2	0.2999	-0.5249	0.0645	-1.07E-3	-5.83E-4	-2.42E-4
	CC3	0.3181	-0.9308	0.1891	-1.97E-3	-6.23E-4	-2.22E-4
	CC4	0.3131	-0.8408	0.1625	-1.78E-3	-6.14E-4	-1.87E-4
	CC5	-0.3135	0.8294	-0.3353	1.75E-3	5.92E-4	1.86E-4
	CC6	-0.3185	0.9195	-0.3620	1.94E-3	6.02E-4	2.21E-4
	CC7	-0.3002	0.5136	-0.2373	1.04E-3	5.61E-4	2.41E-4
	CC8	-0.3052	0.6037	-0.2640	1.23E-3	5.71E-4	2.76E-4
	CC9	0.0787	0.1549	-0.1417	4.08E-4	-1.52E-4	-2.20E-4
	CC10	0.0623	0.4531	-0.2299	1.03E-3	-1.21E-4	-1.04E-4
	CC11	-0.1068	0.5882	-0.2696	1.31E-3	2.03E-4	-8.06E-5
	CC12	-0.1232	0.8864	-0.3578	1.93E-3	2.34E-4	3.56E-5
	CC13	0.1229	-0.8978	0.1850	-1.97E-3	-2.56E-4	-3.65E-5
	CC14	0.1065	-0.5996	0.0968	-1.34E-3	-2.25E-4	7.97E-5
	CC15	-0.0626	-0.4645	0.0570	-1.06E-3	9.97E-5	1.03E-4
	CC16	-0.0790	-0.1663	-0.0311	-4.40E-4	1.30E-4	2.19E-4
369	CC1	0.2534	-0.5086	0.0840	-1.18E-3	-5.89E-4	-2.32E-4
	CC2	0.2493	-0.4346	0.0585	-1.01E-3	-5.80E-4	-2.03E-4
	CC3	0.2638	-0.7649	0.1767	-1.84E-3	-6.17E-4	-1.94E-4
	CC4	0.2597	-0.6909	0.1513	-1.67E-3	-6.08E-4	-1.64E-4
	CC5	-0.2616	0.6823	-0.3237	1.64E-3	5.94E-4	1.64E-4
	CC6	-0.2657	0.7563	-0.3492	1.81E-3	6.03E-4	1.94E-4
	CC7	-0.2512	0.4259	-0.2310	9.77E-4	5.66E-4	2.02E-4
	CC8	-0.2553	0.4999	-0.2564	1.15E-3	5.75E-4	2.32E-4
	CC9	0.0658	0.1218	-0.1375	3.74E-4	-1.53E-4	-1.73E-4
	CC10	0.0521	0.3668	-0.2217	9.55E-4	-1.24E-4	-7.39E-5
	CC11	-0.0887	0.4791	-0.2598	1.22E-3	2.02E-4	-5.38E-5
	CC12	-0.1024	0.7240	-0.3440	1.80E-3	2.31E-4	4.49E-5
	CC13	0.1005	-0.7327	0.1716	-1.83E-3	-2.45E-4	-4.55E-5
	CC14	0.0868	-0.4878	0.0873	-1.25E-3	-2.16E-4	5.32E-5
	CC15	-0.0540	-0.3755	0.0493	-9.84E-4	1.10E-4	7.33E-5
	CC16	-0.0677	-0.1305	-0.0350	-4.03E-4	1.39E-4	1.72E-4
370	CC1	0.2021	-0.4071	0.0739	-1.14E-3	-5.80E-4	-1.72E-4
	CC2	0.1989	-0.3483	0.0500	-9.68E-4	-5.64E-4	-1.50E-4
	CC3	0.2093	-0.6075	0.1594	-1.76E-3	-6.35E-4	-1.42E-4
	CC4	0.2060	-0.5487	0.1356	-1.59E-3	-6.20E-4	-1.20E-4
	CC5	-0.2089	0.5424	-0.3074	1.57E-3	6.10E-4	1.20E-4
	CC6	-0.2122	0.6012	-0.3313	1.74E-3	6.26E-4	1.42E-4
	CC7	-0.2018	0.3420	-0.2219	9.42E-4	5.55E-4	1.49E-4
	CC8	-0.2050	0.4008	-0.2457	1.11E-3	5.71E-4	1.71E-4
	CC9	0.0536	0.0911	-0.1319	3.47E-4	-1.17E-4	-1.29E-4
	CC10	0.0430	0.2858	-0.2107	9.02E-4	-6.44E-5	-5.72E-5
	CC11	-0.0697	0.3760	-0.2462	1.16E-3	2.40E-4	-4.21E-5
	CC12	-0.0803	0.5706	-0.3251	1.71E-3	2.93E-4	3.02E-5
	CC13	0.0774	-0.5769	0.1533	-1.74E-3	-3.02E-4	-3.06E-5
	CC14	0.0668	-0.3823	0.0744	-1.18E-3	-2.50E-4	4.17E-5
	CC15	-0.0459	-0.2920	0.0389	-9.27E-4	5.52E-5	5.68E-5
	CC16	-0.0565	-0.0974	-0.0400	-3.73E-4	1.08E-4	1.29E-4
371	CC1	0.3965	0.0161	0.0215	7.40E-5	2.51E-4	-3.44E-4
	CC2	0.3791	0.0289	0.0179	9.89E-5	2.40E-4	-3.00E-4
	CC3	0.3941	-0.4778	0.0081	-9.51E-4	2.59E-4	-2.89E-4
	CC4	0.3767	-0.4649	0.0046	-9.26E-4	2.48E-4	-2.45E-4
	CC5	-0.3765	0.4479	-0.2192	8.82E-4	-2.13E-4	2.52E-4
	CC6	-0.3939	0.4607	-0.2227	9.07E-4	-2.24E-4	2.96E-4
	CC7	-0.3789	-0.0459	-0.2325	-1.43E-4	-2.06E-4	3.07E-4
	CC8	-0.3963	-0.0331	-0.2361	-1.18E-4	-2.17E-4	3.51E-4
	CC9	0.1489	0.7286	-0.0431	1.52E-3	9.24E-5	-2.50E-4
	CC10	0.0912	0.7710	-0.0548	1.61E-3	5.66E-5	-1.04E-4
	CC11	-0.0830	0.8581	-0.1153	1.77E-3	-4.70E-5	-7.10E-5



	CC12	-0.1407	0.9005	-0.1270	1.85E-3	-8.28E-5	7.44E-5
	CC13	0.1408	-0.9176	-0.0876	-1.89E-3	1.17E-4	-6.76E-5
	CC14	0.0832	-0.8752	-0.0993	-1.81E-3	8.14E-5	7.78E-5
	CC15	-0.0911	-0.7880	-0.1598	-1.65E-3	-2.22E-5	1.11E-4
	CC16	-0.1487	-0.7456	-0.1715	-1.57E-3	-5.80E-5	2.57E-4
372	CC1	0.3964	0.0598	0.0210	1.58E-4	-3.29E-4	-3.44E-4
	CC2	0.3790	0.0670	0.0175	1.73E-4	-3.15E-4	-3.00E-4
	CC3	0.3940	-0.4410	0.0070	-8.95E-4	-3.33E-4	-2.89E-4
	CC4	0.3766	-0.4338	0.0035	-8.80E-4	-3.19E-4	-2.45E-4
	CC5	-0.3766	0.4159	-0.2149	8.36E-4	3.29E-4	2.52E-4
	CC6	-0.3940	0.4231	-0.2184	8.51E-4	3.44E-4	2.96E-4
	CC7	-0.3790	-0.0850	-0.2289	-2.17E-4	3.25E-4	3.07E-4
	CC8	-0.3964	-0.0778	-0.2324	-2.03E-4	3.39E-4	3.51E-4
	CC9	0.1488	0.7604	-0.0412	1.61E-3	-1.10E-4	-2.50E-4
	CC10	0.0911	0.7842	-0.0528	1.66E-3	-6.36E-5	-1.04E-4
	CC11	-0.0831	0.8672	-0.1119	1.81E-3	8.73E-5	-7.10E-5
	CC12	-0.1407	0.8910	-0.1236	1.86E-3	1.34E-4	7.45E-5
	CC13	0.1407	-0.9090	-0.0878	-1.90E-3	-1.24E-4	-6.76E-5
	CC14	0.0831	-0.8852	-0.0995	-1.85E-3	-7.70E-5	7.79E-5
	CC15	-0.0912	-0.8022	-0.1586	-1.70E-3	7.39E-5	1.11E-4
	CC16	-0.1488	-0.7784	-0.1702	-1.65E-3	1.21E-4	2.57E-4
373	CC1	0.3964	0.0830	-0.0074	2.01E-4	-4.91E-4	-3.44E-4
	CC2	0.3790	0.0873	-0.0097	2.10E-4	-4.70E-4	-3.00E-4
	CC3	0.3940	-0.4215	-0.0216	-8.61E-4	-4.96E-4	-2.90E-4
	CC4	0.3766	-0.4173	-0.0238	-8.51E-4	-4.75E-4	-2.46E-4
	CC5	-0.3766	0.3989	-0.1872	8.06E-4	4.76E-4	2.52E-4
	CC6	-0.3940	0.4031	-0.1895	8.15E-4	4.97E-4	2.96E-4
	CC7	-0.3790	-0.1056	-0.2014	-2.56E-4	4.71E-4	3.06E-4
	CC8	-0.3964	-0.1014	-0.2037	-2.47E-4	4.92E-4	3.50E-4
	CC9	0.1488	0.7773	-0.0511	1.64E-3	-1.71E-4	-2.50E-4
	CC10	0.0911	0.7913	-0.0587	1.67E-3	-1.02E-4	-1.05E-4
	CC11	-0.0831	0.8721	-0.1051	1.82E-3	1.19E-4	-7.15E-5
	CC12	-0.1407	0.8860	-0.1127	1.85E-3	1.89E-4	7.40E-5
	CC13	0.1407	-0.9044	-0.0984	-1.90E-3	-1.87E-4	-6.80E-5
	CC14	0.0831	-0.8905	-0.1060	-1.87E-3	-1.18E-4	7.74E-5
	CC15	-0.0912	-0.8097	-0.1524	-1.72E-3	1.03E-4	1.11E-4
	CC16	-0.1488	-0.7957	-0.1600	-1.69E-3	1.72E-4	2.56E-4
374	CC1	0.3527	-0.0243	0.0138	4.01E-5	-6.81E-4	-2.92E-4
	CC2	0.3374	-0.0092	0.0106	6.56E-5	-6.49E-4	-2.55E-4
	CC3	0.3505	-0.4297	0.0015	-9.04E-4	-6.86E-4	-2.47E-4
	CC4	0.3351	-0.4146	-0.0017	-8.78E-4	-6.54E-4	-2.10E-4
	CC5	-0.3342	0.4017	-0.2129	8.44E-4	6.46E-4	2.15E-4
	CC6	-0.3495	0.4168	-0.2161	8.70E-4	6.78E-4	2.52E-4
	CC7	-0.3364	-0.0037	-0.2252	-9.95E-5	6.41E-4	2.60E-4
	CC8	-0.3518	0.0114	-0.2284	-7.39E-5	6.73E-4	2.97E-4
	CC9	0.1327	0.5804	-0.0475	1.39E-3	-2.47E-4	-2.10E-4
	CC10	0.0818	0.6302	-0.0581	1.48E-3	-1.42E-4	-8.66E-5
	CC11	-0.0734	0.7082	-0.1155	1.63E-3	1.51E-4	-5.81E-5
	CC12	-0.1242	0.7580	-0.1261	1.72E-3	2.56E-4	6.55E-5
	CC13	0.1252	-0.7710	-0.0885	-1.75E-3	-2.64E-4	-6.04E-5
	CC14	0.0743	-0.7211	-0.0991	-1.67E-3	-1.59E-4	6.32E-5
	CC15	-0.0809	-0.6431	-0.1565	-1.51E-3	1.34E-4	9.17E-5
	CC16	-0.1318	-0.5933	-0.1671	-1.43E-3	2.39E-4	2.15E-4
375	CC1	0.2845	-0.0296	0.0089	4.07E-5	-8.29E-4	-2.40E-4
	CC2	0.2724	-0.0166	0.0060	6.29E-5	-7.90E-4	-2.09E-4
	CC3	0.2821	-0.3555	-0.0030	-8.48E-4	-8.35E-4	-2.05E-4
	CC4	0.2700	-0.3426	-0.0059	-8.25E-4	-7.96E-4	-1.74E-4
	CC5	-0.2705	0.3324	-0.2054	7.96E-4	7.75E-4	1.79E-4
	CC6	-0.2826	0.3454	-0.2084	8.19E-4	8.14E-4	2.10E-4
	CC7	-0.2729	0.0064	-0.2173	-9.19E-5	7.69E-4	2.14E-4
	CC8	-0.2850	0.0194	-0.2203	-6.97E-5	8.08E-4	2.45E-4
	CC9	0.1072	0.4624	-0.0488	1.32E-3	-3.05E-4	-1.70E-4
	CC10	0.0669	0.5053	-0.0586	1.39E-3	-1.77E-4	-6.82E-5
	CC11	-0.0593	0.5709	-0.1131	1.54E-3	1.77E-4	-4.44E-5
	CC12	-0.0996	0.6139	-0.1229	1.62E-3	3.04E-4	5.75E-5
	CC13	0.0991	-0.6241	-0.0885	-1.65E-3	-3.25E-4	-5.31E-5
	CC14	0.0588	-0.5811	-0.0983	-1.57E-3	-1.97E-4	4.89E-5
	CC15	-0.0674	-0.5155	-0.1528	-1.42E-3	1.57E-4	7.26E-5
	CC16	-0.1077	-0.4725	-0.1626	-1.34E-3	2.84E-4	1.75E-4
376	CC1	0.2151	-0.0332	0.0028	1.23E-5	-7.00E-4	-1.89E-4
	CC2	0.2062	-0.0222	0.0001	3.55E-5	-6.68E-4	-1.64E-4
	CC3	0.2126	-0.2830	-0.0087	-8.30E-4	-7.06E-4	-1.64E-4

	CC4	0.2037	-0.2720	-0.0114	-8.07E-4	-6.73E-4	-1.39E-4
	CC5	-0.2058	0.2644	-0.1968	7.76E-4	6.61E-4	1.43E-4
	CC6	-0.2147	0.2754	-0.1994	7.99E-4	6.93E-4	1.67E-4
	CC7	-0.2083	0.0146	-0.2083	-6.63E-5	6.56E-4	1.68E-4
	CC8	-0.2172	0.0257	-0.2109	-4.32E-5	6.88E-4	1.92E-4
	CC9	0.0811	0.3496	-0.0505	1.24E-3	-2.55E-4	-1.30E-4
	CC10	0.0514	0.3860	-0.0594	1.31E-3	-1.48E-4	-4.93E-5
	CC11	-0.0452	0.4388	-0.1104	1.46E-3	1.54E-4	-3.01E-5
	CC12	-0.0749	0.4753	-0.1193	1.54E-3	2.61E-4	5.02E-5
	CC13	0.0728	-0.4829	-0.0889	-1.57E-3	-2.73E-4	-4.64E-5
	CC14	0.0431	-0.4464	-0.0977	-1.50E-3	-1.66E-4	3.39E-5
	CC15	-0.0535	-0.3936	-0.1487	-1.34E-3	1.36E-4	5.31E-5
	CC16	-0.0832	-0.3571	-0.1576	-1.27E-3	2.42E-4	1.33E-4
377	CC1	0.3398	0.0836	-0.0436	2.69E-4	-6.93E-4	-2.94E-4
	CC2	0.3250	0.0849	-0.0443	2.66E-4	-6.60E-4	-2.57E-4
	CC3	0.3375	-0.3373	-0.0574	-7.24E-4	-6.98E-4	-2.49E-4
	CC4	0.3227	-0.3361	-0.0581	-7.28E-4	-6.66E-4	-2.11E-4
	CC5	-0.3232	0.3212	-0.1511	6.88E-4	6.60E-4	2.14E-4
	CC6	-0.3380	0.3225	-0.1518	6.85E-4	6.93E-4	2.51E-4
	CC7	-0.3255	-0.0997	-0.1648	-3.05E-4	6.55E-4	2.59E-4
	CC8	-0.3403	-0.0985	-0.1655	-3.08E-4	6.87E-4	2.96E-4
	CC9	0.1275	0.6565	-0.0644	1.58E-3	-2.50E-4	-2.12E-4
	CC10	0.0785	0.6606	-0.0667	1.57E-3	-1.43E-4	-8.83E-5
	CC11	-0.0713	0.7278	-0.0966	1.70E-3	1.56E-4	-5.94E-5
	CC12	-0.1204	0.7318	-0.0989	1.69E-3	2.63E-4	6.40E-5
	CC13	0.1199	-0.7467	-0.1102	-1.73E-3	-2.68E-4	-6.16E-5
	CC14	0.0708	-0.7426	-0.1126	-1.74E-3	-1.61E-4	6.19E-5
	CC15	-0.0790	-0.6754	-0.1425	-1.61E-3	1.38E-4	9.08E-5
	CC16	-0.1281	-0.6713	-0.1448	-1.62E-3	2.45E-4	2.14E-4
378	CC1	0.2793	0.0586	-0.0454	2.60E-4	-6.79E-4	-2.42E-4
	CC2	0.2673	0.0603	-0.0460	2.55E-4	-6.47E-4	-2.12E-4
	CC3	0.2768	-0.2791	-0.0586	-6.66E-4	-6.85E-4	-2.07E-4
	CC4	0.2649	-0.2774	-0.0592	-6.72E-4	-6.53E-4	-1.76E-4
	CC5	-0.2658	0.2658	-0.1477	6.37E-4	6.49E-4	1.78E-4
	CC6	-0.2778	0.2675	-0.1483	6.32E-4	6.81E-4	2.09E-4
	CC7	-0.2682	-0.0719	-0.1609	-2.89E-4	6.43E-4	2.13E-4
	CC8	-0.2802	-0.0702	-0.1615	-2.95E-4	6.75E-4	2.44E-4
	CC9	0.1052	0.5232	-0.0652	1.48E-3	-2.44E-4	-1.72E-4
	CC10	0.0655	0.5287	-0.0672	1.46E-3	-1.39E-4	-7.01E-5
	CC11	-0.0584	0.5854	-0.0959	1.59E-3	1.54E-4	-4.57E-5
	CC12	-0.0980	0.5909	-0.0979	1.57E-3	2.60E-4	5.60E-5
	CC13	0.0971	-0.6025	-0.1090	-1.61E-3	-2.64E-4	-5.46E-5
	CC14	0.0574	-0.5970	-0.1110	-1.63E-3	-1.58E-4	4.72E-5
	CC15	-0.0665	-0.5403	-0.1397	-1.50E-3	1.35E-4	7.15E-5
	CC16	-0.1061	-0.5348	-0.1417	-1.51E-3	2.40E-4	1.73E-4
379	CC1	0.2212	0.0359	-0.0474	2.24E-4	-6.35E-4	-1.91E-4
	CC2	0.2119	0.0380	-0.0479	2.20E-4	-6.05E-4	-1.66E-4
	CC3	0.2187	-0.2222	-0.0600	-6.56E-4	-6.41E-4	-1.66E-4
	CC4	0.2094	-0.2201	-0.0605	-6.59E-4	-6.11E-4	-1.41E-4
	CC5	-0.2107	0.2115	-0.1439	6.25E-4	6.08E-4	1.42E-4
	CC6	-0.2199	0.2136	-0.1444	6.22E-4	6.38E-4	1.66E-4
	CC7	-0.2132	-0.0466	-0.1565	-2.54E-4	6.03E-4	1.67E-4
	CC8	-0.2224	-0.0445	-0.1570	-2.58E-4	6.33E-4	1.91E-4
	CC9	0.0836	0.3961	-0.0660	1.39E-3	-2.28E-4	-1.31E-4
	CC10	0.0531	0.4031	-0.0676	1.38E-3	-1.29E-4	-5.10E-5
	CC11	-0.0459	0.4488	-0.0949	1.51E-3	1.45E-4	-3.14E-5
	CC12	-0.0765	0.4557	-0.0965	1.50E-3	2.44E-4	4.88E-5
	CC13	0.0752	-0.4643	-0.1078	-1.54E-3	-2.46E-4	-4.80E-5
	CC14	0.0447	-0.4574	-0.1095	-1.55E-3	-1.48E-4	3.22E-5
	CC15	-0.0543	-0.4117	-0.1368	-1.42E-3	1.27E-4	5.18E-5
	CC16	-0.0849	-0.4047	-0.1384	-1.43E-3	2.25E-4	1.32E-4
380	CC1	0.3964	0.1376	-0.0811	3.01E-4	-4.46E-4	-3.47E-4
	CC2	0.3790	0.1348	-0.0800	2.98E-4	-4.27E-4	-3.03E-4
	CC3	0.3939	-0.3756	-0.0949	-7.76E-4	-4.49E-4	-2.92E-4
	CC4	0.3765	-0.3783	-0.0939	-7.80E-4	-4.31E-4	-2.48E-4
	CC5	-0.3765	0.3595	-0.1182	7.30E-4	4.19E-4	2.49E-4
	CC6	-0.3939	0.3567	-0.1172	7.27E-4	4.37E-4	2.93E-4
	CC7	-0.3789	-0.1537	-0.1321	-3.47E-4	4.16E-4	3.04E-4
	CC8	-0.3963	-0.1565	-0.1310	-3.51E-4	4.34E-4	3.48E-4
	CC9	0.1488	0.8171	-0.0791	1.71E-3	-1.61E-4	-2.53E-4
	CC10	0.0912	0.8080	-0.0756	1.70E-3	-9.98E-5	-1.08E-4
	CC11	-0.0831	0.8837	-0.0903	1.84E-3	9.86E-5	-7.42E-5

	CC12	-0.1406	0.8746	-0.0867	1.83E-3	1.60E-4	7.12E-5
	CC13	0.1407	-0.8935	-0.1254	-1.88E-3	-1.71E-4	-7.08E-5
	CC14	0.0831	-0.9026	-0.1218	-1.89E-3	-1.11E-4	7.47E-5
	CC15	-0.0912	-0.8269	-0.1365	-1.75E-3	8.79E-5	1.08E-4
	CC16	-0.1487	-0.8360	-0.1330	-1.76E-3	1.49E-4	2.53E-4
381	CC1	0.3963	0.1690	-0.1343	3.60E-4	-4.54E-4	-3.48E-4
	CC2	0.3790	0.1622	-0.1315	3.49E-4	-4.35E-4	-3.04E-4
	CC3	0.3939	-0.3492	-0.1477	-7.23E-4	-4.57E-4	-2.93E-4
	CC4	0.3765	-0.3559	-0.1449	-7.34E-4	-4.39E-4	-2.49E-4
	CC5	-0.3764	0.3371	-0.0682	6.82E-4	4.28E-4	2.48E-4
	CC6	-0.3938	0.3303	-0.0654	6.72E-4	4.47E-4	2.92E-4
	CC7	-0.3789	-0.1811	-0.0816	-4.01E-4	4.24E-4	3.03E-4
	CC8	-0.3962	-0.1878	-0.0788	-4.11E-4	4.43E-4	3.47E-4
	CC9	0.1488	0.8401	-0.0987	1.75E-3	-1.62E-4	-2.54E-4
	CC10	0.0913	0.8178	-0.0896	1.71E-3	-1.00E-4	-1.09E-4
	CC11	-0.0830	0.8905	-0.0789	1.85E-3	1.02E-4	-7.52E-5
	CC12	-0.1405	0.8682	-0.0697	1.81E-3	1.64E-4	7.03E-5
	CC13	0.1406	-0.8871	-0.1434	-1.86E-3	-1.75E-4	-7.17E-5
	CC14	0.0831	-0.9093	-0.1342	-1.90E-3	-1.13E-4	7.37E-5
	CC15	-0.0912	-0.8366	-0.1235	-1.76E-3	8.97E-5	1.07E-4
	CC16	-0.1487	-0.8589	-0.1144	-1.80E-3	1.52E-4	2.53E-4
382	CC1	0.3963	0.2004	-0.1761	4.15E-4	-4.76E-4	-3.49E-4
	CC2	0.3790	0.1897	-0.1716	3.97E-4	-4.56E-4	-3.05E-4
	CC3	0.3938	-0.3227	-0.1890	-6.68E-4	-4.80E-4	-2.94E-4
	CC4	0.3765	-0.3334	-0.1845	-6.87E-4	-4.61E-4	-2.50E-4
	CC5	-0.3763	0.3148	-0.0296	6.31E-4	4.48E-4	2.47E-4
	CC6	-0.3936	0.3040	-0.0250	6.12E-4	4.67E-4	2.91E-4
	CC7	-0.3788	-0.2083	-0.0425	-4.53E-4	4.43E-4	3.02E-4
	CC8	-0.3961	-0.2191	-0.0380	-4.71E-4	4.63E-4	3.46E-4
	CC9	0.1488	0.8631	-0.1149	1.78E-3	-1.70E-4	-2.55E-4
	CC10	0.0914	0.8276	-0.1000	1.71E-3	-1.05E-4	-1.09E-4
	CC11	-0.0830	0.8974	-0.0709	1.84E-3	1.07E-4	-7.59E-5
	CC12	-0.1404	0.8619	-0.0560	1.78E-3	1.72E-4	6.96E-5
	CC13	0.1406	-0.8806	-0.1581	-1.84E-3	-1.85E-4	-7.24E-5
	CC14	0.0832	-0.9160	-0.1431	-1.90E-3	-1.20E-4	7.30E-5
	CC15	-0.0912	-0.8463	-0.1141	-1.77E-3	9.19E-5	1.06E-4
	CC16	-0.1486	-0.8817	-0.0992	-1.83E-3	1.57E-4	2.52E-4
383	CC1	0.3432	0.2470	-0.2143	4.60E-4	-6.77E-4	-2.97E-4
	CC2	0.3283	0.2348	-0.2081	4.29E-4	-6.45E-4	-2.59E-4
	CC3	0.3408	-0.1913	-0.2265	-5.71E-4	-6.81E-4	-2.54E-4
	CC4	0.3259	-0.2035	-0.2203	-6.02E-4	-6.50E-4	-2.16E-4
	CC5	-0.3268	0.1899	0.0073	5.56E-4	6.52E-4	2.12E-4
	CC6	-0.3417	0.1777	0.0135	5.26E-4	6.83E-4	2.49E-4
	CC7	-0.3291	-0.2484	-0.0049	-4.75E-4	6.47E-4	2.55E-4
	CC8	-0.3441	-0.2606	0.0013	-5.05E-4	6.78E-4	2.92E-4
	CC9	0.1287	0.7524	-0.1297	1.73E-3	-2.43E-4	-2.12E-4
	CC10	0.0793	0.7121	-0.1092	1.63E-3	-1.38E-4	-8.83E-5
	CC11	-0.0723	0.7353	-0.0632	1.76E-3	1.56E-4	-5.93E-5
	CC12	-0.1217	0.6949	-0.0428	1.66E-3	2.60E-4	6.42E-5
	CC13	0.1208	-0.7085	-0.1702	-1.70E-3	-2.58E-4	-6.88E-5
	CC14	0.0714	-0.7489	-0.1498	-1.81E-3	-1.54E-4	5.47E-5
	CC15	-0.0801	-0.7257	-0.1038	-1.68E-3	1.40E-4	8.37E-5
	CC16	-0.1296	-0.7660	-0.0833	-1.78E-3	2.45E-4	2.07E-4
384	CC1	0.2827	0.2036	-0.2058	4.49E-4	-6.88E-4	-2.43E-4
	CC2	0.2706	0.1942	-0.1999	4.18E-4	-6.55E-4	-2.13E-4
	CC3	0.2804	-0.1475	-0.2176	-5.25E-4	-6.95E-4	-2.12E-4
	CC4	0.2683	-0.1569	-0.2117	-5.57E-4	-6.62E-4	-1.81E-4
	CC5	-0.2687	0.1468	0.0017	5.22E-4	6.69E-4	1.77E-4
	CC6	-0.2808	0.1374	0.0077	4.90E-4	7.02E-4	2.08E-4
	CC7	-0.2710	-0.2043	-0.0100	-4.53E-4	6.63E-4	2.09E-4
	CC8	-0.2831	-0.2137	-0.0041	-4.85E-4	6.95E-4	2.39E-4
	CC9	0.1064	0.6042	-0.1263	1.65E-3	-2.43E-4	-1.68E-4
	CC10	0.0664	0.5731	-0.1067	1.54E-3	-1.35E-4	-6.66E-5
	CC11	-0.0591	0.5872	-0.0640	1.67E-3	1.64E-4	-4.20E-5
	CC12	-0.0990	0.5560	-0.0444	1.56E-3	2.73E-4	5.96E-5
	CC13	0.0987	-0.5661	-0.1655	-1.60E-3	-2.65E-4	-6.36E-5
	CC14	0.0587	-0.5973	-0.1459	-1.71E-3	-1.56E-4	3.80E-5
	CC15	-0.0668	-0.5831	-0.1032	-1.58E-3	1.42E-4	6.26E-5
	CC16	-0.1067	-0.6143	-0.0836	-1.68E-3	2.51E-4	1.64E-4
385	CC1	0.2235	0.1616	-0.1944	4.36E-4	-6.52E-4	-1.91E-4
	CC2	0.2143	0.1549	-0.1889	4.06E-4	-6.21E-4	-1.67E-4
	CC3	0.2211	-0.1056	-0.2058	-4.91E-4	-6.59E-4	-1.69E-4

	CC4	0.2118	-0.1123	-0.2003	-5.21E-4	-6.28E-4	-1.45E-4
	CC5	-0.2117	0.1052	-0.0066	4.88E-4	6.31E-4	1.42E-4
	CC6	-0.2209	0.0985	-0.0011	4.58E-4	6.62E-4	1.66E-4
	CC7	-0.2141	-0.1620	-0.0179	-4.39E-4	6.24E-4	1.63E-4
	CC8	-0.2234	-0.1687	-0.0124	-4.69E-4	6.55E-4	1.88E-4
	CC9	0.0848	0.4613	-0.1218	1.57E-3	-2.30E-4	-1.28E-4
	CC10	0.0541	0.4392	-0.1036	1.47E-3	-1.29E-4	-4.76E-5
	CC11	-0.0458	0.4443	-0.0655	1.59E-3	1.55E-4	-2.78E-5
	CC12	-0.0764	0.4223	-0.0473	1.49E-3	2.56E-4	5.22E-5
	CC13	0.0766	-0.4294	-0.1596	-1.52E-3	-2.53E-4	-5.54E-5
	CC14	0.0459	-0.4515	-0.1414	-1.62E-3	-1.52E-4	2.46E-5
	CC15	-0.0540	-0.4463	-0.1032	-1.50E-3	1.32E-4	4.44E-5
	CC16	-0.0846	-0.4684	-0.0850	-1.60E-3	2.33E-4	1.24E-4
386	CC1	0.3418	0.1034	0.0096	5.18E-5	-5.57E-4	-3.44E-4
	CC2	0.3406	0.1050	0.0134	5.17E-5	-5.55E-4	-3.00E-4
	CC3	0.3626	-0.4044	-0.0368	4.92E-5	-5.28E-4	-2.89E-4
	CC4	0.3614	-0.4028	-0.0329	4.91E-5	-5.27E-4	-2.45E-4
	CC5	-0.3603	0.3836	-0.1577	-4.88E-5	5.24E-4	2.52E-4
	CC6	-0.3615	0.3852	-0.1538	-4.89E-5	5.26E-4	2.96E-4
	CC7	-0.3395	-0.1242	-0.2040	-5.14E-5	5.53E-4	3.07E-4
	CC8	-0.3407	-0.1226	-0.2002	-5.16E-5	5.54E-4	3.51E-4
	CC9	0.0732	0.7921	0.0007	1.98E-5	-2.12E-4	-2.50E-4
	CC10	0.0692	0.7973	0.0134	1.94E-5	-2.09E-4	-1.04E-4
	CC11	-0.1374	0.8762	-0.0495	-1.04E-5	1.12E-4	-7.07E-5
	CC12	-0.1414	0.8814	-0.0368	-1.08E-5	1.16E-4	7.47E-5
	CC13	0.1425	-0.9006	-0.1538	1.10E-5	-1.18E-4	-6.73E-5
	CC14	0.1385	-0.8954	-0.1411	1.07E-5	-1.15E-4	7.82E-5
	CC15	-0.0681	-0.8165	-0.2040	-1.92E-5	2.06E-4	1.12E-4
	CC16	-0.0722	-0.8113	-0.1913	-1.95E-5	2.10E-4	2.57E-4
387	CC1	0.3320	0.1009	-0.0051	5.09E-5	-5.47E-4	-3.43E-4
	CC2	0.3343	0.1028	-0.0014	5.13E-5	-5.51E-4	-2.99E-4
	CC3	0.3570	-0.4065	0.0103	4.94E-5	-5.31E-4	-2.88E-4
	CC4	0.3593	-0.4046	0.0140	4.98E-5	-5.35E-4	-2.44E-4
	CC5	-0.3576	0.3855	-0.2003	-4.92E-5	5.28E-4	2.53E-4
	CC6	-0.3552	0.3874	-0.1966	-4.88E-5	5.24E-4	2.97E-4
	CC7	-0.3326	-0.1219	-0.1850	-5.07E-5	5.44E-4	3.08E-4
	CC8	-0.3303	-0.1200	-0.1812	-5.03E-5	5.41E-4	3.52E-4
	CC9	0.0588	0.7903	-0.0957	1.72E-5	-1.85E-4	-2.49E-4
	CC10	0.0665	0.7966	-0.0834	1.84E-5	-1.98E-4	-1.03E-4
	CC11	-0.1481	0.8757	-0.1542	-1.28E-5	1.38E-4	-6.97E-5
	CC12	-0.1403	0.8820	-0.1419	-1.16E-5	1.25E-4	7.57E-5
	CC13	0.1421	-0.9010	-0.0444	1.22E-5	-1.31E-4	-6.63E-5
	CC14	0.1498	-0.8947	-0.0321	1.35E-5	-1.45E-4	7.92E-5
	CC15	-0.0648	-0.8156	-0.1030	-1.78E-5	1.91E-4	1.13E-4
	CC16	-0.0571	-0.8093	-0.0907	-1.66E-5	1.78E-4	2.58E-4
388	CC1	0.3228	0.0984	-0.0164	4.70E-5	-5.05E-4	-3.43E-4
	CC2	0.3287	0.1006	-0.0128	4.78E-5	-5.13E-4	-2.99E-4
	CC3	0.3520	-0.4086	0.0588	4.81E-5	-5.16E-4	-2.88E-4
	CC4	0.3579	-0.4064	0.0625	4.89E-5	-5.25E-4	-2.44E-4
	CC5	-0.3554	0.3875	-0.2448	-4.80E-5	5.16E-4	2.53E-4
	CC6	-0.3495	0.3897	-0.2411	-4.72E-5	5.07E-4	2.97E-4
	CC7	-0.3262	-0.1195	-0.1695	-4.69E-5	5.04E-4	3.08E-4
	CC8	-0.3203	-0.1173	-0.1658	-4.61E-5	4.95E-4	3.52E-4
	CC9	0.0446	0.7885	-0.1884	1.15E-5	-1.23E-4	-2.49E-4
	CC10	0.0641	0.7959	-0.1763	1.42E-5	-1.53E-4	-1.03E-4
	CC11	-0.1588	0.8752	-0.2569	-1.70E-5	1.83E-4	-6.97E-5
	CC12	-0.1394	0.8826	-0.2448	-1.43E-5	1.53E-4	7.57E-5
	CC13	0.1419	-0.9015	0.0626	1.52E-5	-1.63E-4	-6.63E-5
	CC14	0.1614	-0.8941	0.0746	1.79E-5	-1.92E-4	7.92E-5
	CC15	-0.0616	-0.8148	-0.0059	-1.33E-5	1.43E-4	1.13E-4
	CC16	-0.0421	-0.8074	0.0061	-1.06E-5	1.14E-4	2.58E-4
389	CC1	0.3075	0.0851	0.0280	2.55E-4	-5.82E-4	-2.94E-4
	CC2	0.3035	0.0863	0.0317	2.53E-4	-5.73E-4	-2.56E-4
	CC3	0.3193	-0.3387	-0.0763	-7.38E-4	-6.27E-4	-2.49E-4
	CC4	0.3153	-0.3375	-0.0726	-7.41E-4	-6.19E-4	-2.12E-4
	CC5	-0.3152	0.3224	-0.1205	6.96E-4	6.09E-4	2.16E-4
	CC6	-0.3193	0.3236	-0.1168	6.94E-4	6.17E-4	2.54E-4
	CC7	-0.3035	-0.1014	-0.2248	-2.97E-4	5.63E-4	2.61E-4
	CC8	-0.3075	-0.1002	-0.2211	-3.00E-4	5.72E-4	2.98E-4
	CC9	0.0805	0.6611	0.0933	1.57E-3	-1.22E-4	-2.11E-4
	CC10	0.0671	0.6652	0.1058	1.56E-3	-9.38E-5	-8.67E-5
	CC11	-0.1063	0.7323	0.0488	1.70E-3	2.35E-4	-5.76E-5

	CC12	-0.1197	0.7364	0.0612	1.69E-3	2.63E-4	6.63E-5
	CC13	0.1198	-0.7515	-0.2543	-1.74E-3	-2.73E-4	-6.17E-5
	CC14	0.1064	-0.7474	-0.2419	-1.75E-3	-2.45E-4	6.21E-5
	CC15	-0.0671	-0.6803	-0.2989	-1.61E-3	8.37E-5	9.13E-5
	CC16	-0.0805	-0.6762	-0.2865	-1.62E-3	1.12E-4	2.15E-4
390	CC1	0.2543	0.0614	0.0219	2.55E-4	-6.31E-4	-2.42E-4
	CC2	0.2511	0.0629	0.0254	2.51E-4	-6.22E-4	-2.12E-4
	CC3	0.2629	-0.2766	-0.0752	-7.03E-4	-6.61E-4	-2.09E-4
	CC4	0.2597	-0.2750	-0.0717	-7.08E-4	-6.52E-4	-1.78E-4
	CC5	-0.2607	0.2636	-0.1191	6.69E-4	6.40E-4	1.82E-4
	CC6	-0.2639	0.2651	-0.1156	6.65E-4	6.49E-4	2.12E-4
	CC7	-0.2521	-0.0744	-0.2162	-2.89E-4	6.10E-4	2.15E-4
	CC8	-0.2553	-0.0728	-0.2127	-2.94E-4	6.19E-4	2.46E-4
	CC9	0.0678	0.5246	0.0817	1.52E-3	-1.61E-4	-1.69E-4
	CC10	0.0570	0.5297	0.0933	1.51E-3	-1.31E-4	-6.68E-5
	CC11	-0.0867	0.5852	0.0394	1.65E-3	2.20E-4	-4.17E-5
	CC12	-0.0975	0.5904	0.0510	1.63E-3	2.50E-4	6.04E-5
	CC13	0.0965	-0.6018	-0.2418	-1.67E-3	-2.62E-4	-5.68E-5
	CC14	0.0857	-0.5967	-0.2302	-1.69E-3	-2.32E-4	4.53E-5
	CC15	-0.0580	-0.5412	-0.2841	-1.55E-3	1.19E-4	7.04E-5
	CC16	-0.0688	-0.5360	-0.2725	-1.56E-3	1.49E-4	1.73E-4
391	CC1	0.1996	0.0382	0.0134	2.36E-4	-6.00E-4	-1.90E-4
	CC2	0.1972	0.0402	0.0167	2.32E-4	-5.91E-4	-1.66E-4
	CC3	0.2058	-0.2181	-0.0729	-6.55E-4	-6.27E-4	-1.67E-4
	CC4	0.2033	-0.2161	-0.0696	-6.59E-4	-6.18E-4	-1.43E-4
	CC5	-0.2052	0.2079	-0.1187	6.25E-4	6.11E-4	1.46E-4
	CC6	-0.2077	0.2098	-0.1154	6.21E-4	6.20E-4	1.70E-4
	CC7	-0.1990	-0.0484	-0.2050	-2.65E-4	5.84E-4	1.69E-4
	CC8	-0.2015	-0.0465	-0.2018	-2.69E-4	5.93E-4	1.93E-4
	CC9	0.0536	0.3944	0.0641	1.42E-3	-1.54E-4	-1.28E-4
	CC10	0.0454	0.4008	0.0750	1.40E-3	-1.25E-4	-4.73E-5
	CC11	-0.0679	0.4453	0.0244	1.53E-3	2.09E-4	-2.69E-5
	CC12	-0.0760	0.4517	0.0353	1.52E-3	2.38E-4	5.34E-5
	CC13	0.0741	-0.4600	-0.2236	-1.55E-3	-2.45E-4	-5.07E-5
	CC14	0.0660	-0.4535	-0.2128	-1.57E-3	-2.16E-4	2.96E-5
	CC15	-0.0473	-0.4091	-0.2633	-1.44E-3	1.18E-4	5.00E-5
	CC16	-0.0554	-0.4026	-0.2524	-1.45E-3	1.47E-4	1.30E-4
392	CC1	0.2713	0.0762	-0.0242	2.48E-4	-5.28E-4	-3.01E-4
	CC2	0.2794	0.0786	-0.0202	2.46E-4	-5.43E-4	-2.64E-4
	CC3	0.2977	-0.3444	0.1080	-7.65E-4	-5.89E-4	-2.21E-4
	CC4	0.3058	-0.3420	0.1120	-7.67E-4	-6.04E-4	-1.83E-4
	CC5	-0.3040	0.3275	-0.2899	7.21E-4	5.90E-4	1.89E-4
	CC6	-0.2958	0.3299	-0.2859	7.19E-4	5.76E-4	2.26E-4
	CC7	-0.2776	-0.0931	-0.1577	-2.92E-4	5.30E-4	2.69E-4
	CC8	-0.2694	-0.0907	-0.1537	-2.94E-4	5.15E-4	3.07E-4
	CC9	0.0297	0.6521	-0.2760	1.60E-3	-4.93E-5	-2.68E-4
	CC10	0.0567	0.6600	-0.2629	1.59E-3	-9.84E-5	-1.43E-4
	CC11	-0.1429	0.7275	-0.3558	1.74E-3	2.86E-4	-1.21E-4
	CC12	-0.1159	0.7354	-0.3426	1.73E-3	2.37E-4	4.38E-6
	CC13	0.1177	-0.7500	0.1647	-1.78E-3	-2.50E-4	1.51E-6
	CC14	0.1447	-0.7420	0.1778	-1.79E-3	-2.99E-4	1.27E-4
	CC15	-0.0548	-0.6746	0.0850	-1.64E-3	8.52E-5	1.49E-4
	CC16	-0.0278	-0.6666	0.0981	-1.64E-3	3.62E-5	2.74E-4
393	CC1	0.2278	0.0552	-0.0219	2.21E-4	-4.83E-4	-2.46E-4
	CC2	0.2346	0.0576	-0.0178	2.20E-4	-4.97E-4	-2.15E-4
	CC3	0.2473	-0.2815	0.1017	-6.79E-4	-5.60E-4	-1.79E-4
	CC4	0.2541	-0.2791	0.1059	-6.81E-4	-5.74E-4	-1.48E-4
	CC5	-0.2534	0.2684	-0.2833	6.40E-4	5.62E-4	1.53E-4
	CC6	-0.2465	0.2708	-0.2792	6.39E-4	5.48E-4	1.84E-4
	CC7	-0.2338	-0.0683	-0.1597	-2.60E-4	4.85E-4	2.21E-4
	CC8	-0.2270	-0.0659	-0.1555	-2.62E-4	4.71E-4	2.52E-4
	CC9	0.0287	0.5198	-0.2624	1.42E-3	-1.09E-5	-2.21E-4
	CC10	0.0513	0.5279	-0.2487	1.42E-3	-5.84E-5	-1.19E-4
	CC11	-0.1156	0.5838	-0.3409	1.55E-3	3.03E-4	-1.02E-4
	CC12	-0.0930	0.5919	-0.3271	1.54E-3	2.55E-4	9.95E-7
	CC13	0.0938	-0.6026	0.1497	-1.58E-3	-2.67E-4	4.44E-6
	CC14	0.1164	-0.5945	0.1634	-1.59E-3	-3.15E-4	1.07E-4
	CC15	-0.0506	-0.5386	0.0712	-1.46E-3	4.65E-5	1.24E-4
	CC16	-0.0280	-0.5305	0.0850	-1.46E-3	-1.04E-6	2.27E-4
394	CC1	0.1831	0.0344	-0.0218	2.36E-4	-5.32E-4	-1.82E-4
	CC2	0.1885	0.0370	-0.0177	2.34E-4	-5.49E-4	-1.58E-4
	CC3	0.1965	-0.2220	0.0909	-7.15E-4	-6.10E-4	-1.44E-4

	CC4	0.2019	-0.2194	0.0950	-7.17E-4	-6.27E-4	-1.21E-4
	CC5	-0.2021	0.2120	-0.2719	6.83E-4	6.18E-4	1.25E-4
	CC6	-0.1967	0.2146	-0.2678	6.81E-4	6.01E-4	1.49E-4
	CC7	-0.1887	-0.0444	-0.1592	-2.68E-4	5.40E-4	1.63E-4
	CC8	-0.1833	-0.0418	-0.1551	-2.70E-4	5.23E-4	1.86E-4
	CC9	0.0265	0.3927	-0.2455	1.50E-3	-1.88E-5	-1.45E-4
	CC10	0.0444	0.4012	-0.2319	1.50E-3	-7.46E-5	-6.79E-5
	CC11	-0.0891	0.4460	-0.3206	1.64E-3	3.26E-4	-5.29E-5
	CC12	-0.0712	0.4545	-0.3070	1.63E-3	2.70E-4	2.42E-5
	CC13	0.0710	-0.4619	0.1301	-1.66E-3	-2.79E-4	-1.99E-5
	CC14	0.0889	-0.4534	0.1437	-1.67E-3	-3.35E-4	5.73E-5
	CC15	-0.0446	-0.4087	0.0551	-1.53E-3	6.59E-5	7.22E-5
	CC16	-0.0266	-0.4002	0.0687	-1.54E-3	1.01E-5	1.49E-4
395	CC1	0.3141	0.2815	-0.0987	3.98E-4	2.21E-5	-3.60E-4
	CC2	0.3237	0.2645	-0.0966	3.71E-4	2.06E-5	-3.16E-4
	CC3	0.3477	-0.2494	-0.0458	-5.86E-4	-3.25E-5	-3.05E-4
	CC4	0.3574	-0.2663	-0.0437	-6.13E-4	-3.40E-5	-2.61E-4
	CC5	-0.3535	0.2500	-0.1422	5.52E-4	3.07E-5	2.36E-4
	CC6	-0.3439	0.2330	-0.1401	5.25E-4	2.91E-5	2.80E-4
	CC7	-0.3199	-0.2809	-0.0893	-4.32E-4	-2.40E-5	2.91E-4
	CC8	-0.3102	-0.2978	-0.0872	-4.59E-4	-2.55E-5	3.35E-4
	CC9	0.0300	0.9093	-0.1781	1.63E-3	9.05E-5	-2.65E-4
	CC10	0.0619	0.8533	-0.1711	1.54E-3	8.55E-5	-1.20E-4
	CC11	-0.1703	0.8998	-0.1911	1.68E-3	9.31E-5	-8.66E-5
	CC12	-0.1384	0.8438	-0.1842	1.59E-3	8.81E-5	5.88E-5
	CC13	0.1422	-0.8601	-0.0017	-1.65E-3	-9.15E-5	-8.32E-5
	CC14	0.1741	-0.9161	0.0052	-1.74E-3	-9.65E-5	6.22E-5
	CC15	-0.0581	-0.8696	-0.0148	-1.60E-3	-8.89E-5	9.56E-5
	CC16	-0.0262	-0.9256	-0.0078	-1.69E-3	-9.39E-5	2.41E-4
396	CC1	0.3136	0.2861	-0.1331	3.97E-4	2.20E-5	-3.57E-4
	CC2	0.3234	0.2652	-0.1318	3.64E-4	2.02E-5	-3.13E-4
	CC3	0.3475	-0.2496	-0.0814	-5.70E-4	-3.16E-5	-3.03E-4
	CC4	0.3573	-0.2705	-0.0801	-6.03E-4	-3.35E-5	-2.59E-4
	CC5	-0.3535	0.2561	-0.1073	5.32E-4	2.96E-5	2.39E-4
	CC6	-0.3436	0.2352	-0.1060	4.99E-4	2.77E-5	2.83E-4
	CC7	-0.3195	-0.2796	-0.0556	-4.34E-4	-2.41E-5	2.93E-4
	CC8	-0.3097	-0.3005	-0.0543	-4.67E-4	-2.59E-5	3.37E-4
	CC9	0.0291	0.9247	-0.1860	1.61E-3	8.94E-5	-2.63E-4
	CC10	0.0618	0.8556	-0.1815	1.50E-3	8.33E-5	-1.18E-4
	CC11	-0.1710	0.9157	-0.1782	1.65E-3	9.16E-5	-8.44E-5
	CC12	-0.1383	0.8466	-0.1737	1.54E-3	8.55E-5	6.10E-5
	CC13	0.1422	-0.8610	-0.0137	-1.61E-3	-8.94E-5	-8.10E-5
	CC14	0.1748	-0.9302	-0.0092	-1.72E-3	-9.55E-5	6.45E-5
	CC15	-0.0579	-0.8700	-0.0059	-1.57E-3	-8.72E-5	9.78E-5
	CC16	-0.0253	-0.9392	-0.0014	-1.68E-3	-9.33E-5	2.43E-4
397	CC1	0.3131	0.3176	-0.1642	3.51E-4	1.95E-5	-3.53E-4
	CC2	0.3232	0.2928	-0.1636	3.15E-4	1.75E-5	-3.09E-4
	CC3	0.3473	-0.2231	-0.1127	-5.61E-4	-3.12E-5	-2.99E-4
	CC4	0.3574	-0.2479	-0.1121	-5.98E-4	-3.32E-5	-2.55E-4
	CC5	-0.3533	0.2349	-0.0770	5.15E-4	2.86E-5	2.43E-4
	CC6	-0.3433	0.2100	-0.0764	4.79E-4	2.66E-5	2.87E-4
	CC7	-0.3192	-0.3058	-0.0255	-3.98E-4	-2.21E-5	2.97E-4
	CC8	-0.3091	-0.3306	-0.0249	-4.34E-4	-2.41E-5	3.41E-4
	CC9	0.0283	0.9481	-0.1945	1.52E-3	8.41E-5	-2.59E-4
	CC10	0.0617	0.8659	-0.1925	1.40E-3	7.74E-5	-1.14E-4
	CC11	-0.1716	0.9233	-0.1683	1.56E-3	8.69E-5	-8.04E-5
	CC12	-0.1383	0.8411	-0.1663	1.44E-3	8.02E-5	6.51E-5
	CC13	0.1423	-0.8541	-0.0227	-1.53E-3	-8.48E-5	-7.70E-5
	CC14	0.1756	-0.9363	-0.0207	-1.65E-3	-9.15E-5	6.85E-5
	CC15	-0.0577	-0.8789	0.0035	-1.48E-3	-8.20E-5	1.02E-4
	CC16	-0.0243	-0.9611	0.0054	-1.60E-3	-8.87E-5	2.47E-4
398	CC1	0.2676	0.1856	-0.0749	5.19E-4	-1.78E-4	-2.97E-4
	CC2	0.2756	0.1745	-0.0724	4.88E-4	-2.03E-4	-2.60E-4
	CC3	0.2936	-0.2630	-0.0202	-6.32E-4	-3.59E-4	-2.64E-4
	CC4	0.3016	-0.2741	-0.0177	-6.63E-4	-3.84E-4	-2.27E-4
	CC5	-0.2993	0.2622	-0.1656	6.36E-4	3.87E-4	2.12E-4
	CC6	-0.2913	0.2512	-0.1631	6.05E-4	3.63E-4	2.49E-4
	CC7	-0.2733	-0.1863	-0.1108	-5.16E-4	2.06E-4	2.45E-4
	CC8	-0.2653	-0.1974	-0.1083	-5.46E-4	1.82E-4	2.82E-4
	CC9	0.0297	0.7485	-0.1735	1.94E-3	2.59E-4	-2.00E-4
	CC10	0.0561	0.7119	-0.1652	1.84E-3	1.78E-4	-7.78E-5
	CC11	-0.1404	0.7715	-0.2007	1.97E-3	4.29E-4	-4.76E-5

	CC12	-0.1139	0.7349	-0.1923	1.87E-3	3.47E-4	7.50E-5
	CC13	0.1163	-0.7467	0.0091	-1.90E-3	-3.44E-4	-8.99E-5
	CC14	0.1427	-0.7834	0.0174	-2.00E-3	-4.26E-4	3.27E-5
	CC15	-0.0538	-0.7237	-0.0181	-1.86E-3	-1.74E-4	6.30E-5
	CC16	-0.0274	-0.7604	-0.0098	-1.97E-3	-2.56E-4	1.86E-4
399	CC1	0.2234	0.2123	-0.0786	4.74E-4	-2.58E-4	-2.45E-4
	CC2	0.2300	0.2040	-0.0764	4.42E-4	-2.76E-4	-2.15E-4
	CC3	0.2416	-0.1413	-0.0260	-5.71E-4	-3.13E-4	-2.21E-4
	CC4	0.2482	-0.1496	-0.0237	-6.02E-4	-3.32E-4	-1.91E-4
	CC5	-0.2470	0.1404	-0.1581	5.71E-4	3.25E-4	1.76E-4
	CC6	-0.2404	0.1321	-0.1558	5.40E-4	3.06E-4	2.06E-4
	CC7	-0.2287	-0.2133	-0.1054	-4.73E-4	2.69E-4	2.00E-4
	CC8	-0.2221	-0.2216	-0.1032	-5.05E-4	2.51E-4	2.31E-4
	CC9	0.0299	0.6094	-0.1704	1.76E-3	3.24E-5	-1.61E-4
	CC10	0.0518	0.5818	-0.1630	1.66E-3	-2.86E-5	-6.07E-5
	CC11	-0.1112	0.5878	-0.1943	1.79E-3	2.07E-4	-3.46E-5
	CC12	-0.0894	0.5602	-0.1869	1.69E-3	1.46E-4	6.57E-5
	CC13	0.0906	-0.5695	0.0051	-1.72E-3	-1.53E-4	-8.04E-5
	CC14	0.1125	-0.5970	0.0124	-1.82E-3	-2.14E-4	1.99E-5
	CC15	-0.0505	-0.5911	-0.0188	-1.69E-3	2.16E-5	4.60E-5
	CC16	-0.0286	-0.6186	-0.0114	-1.79E-3	-3.94E-5	1.46E-4
400	CC1	0.1799	0.1630	-0.0809	4.97E-4	-1.89E-4	-1.89E-4
	CC2	0.1851	0.1574	-0.0788	4.66E-4	-2.11E-4	-1.66E-4
	CC3	0.1917	-0.0974	-0.0313	-5.74E-4	-2.96E-4	-1.78E-4
	CC4	0.1969	-0.1030	-0.0293	-6.06E-4	-3.18E-4	-1.55E-4
	CC5	-0.1964	0.0956	-0.1510	5.94E-4	3.29E-4	1.43E-4
	CC6	-0.1912	0.0901	-0.1490	5.63E-4	3.07E-4	1.67E-4
	CC7	-0.1846	-0.1648	-0.1015	-4.78E-4	2.22E-4	1.54E-4
	CC8	-0.1794	-0.1703	-0.0995	-5.09E-4	2.00E-4	1.78E-4
	CC9	0.0283	0.4496	-0.1656	1.82E-3	1.42E-4	-1.13E-4
	CC10	0.0457	0.4313	-0.1589	1.71E-3	6.89E-5	-3.51E-5
	CC11	-0.0846	0.4294	-0.1866	1.85E-3	2.97E-4	-1.36E-5
	CC12	-0.0671	0.4111	-0.1799	1.74E-3	2.24E-4	6.46E-5
	CC13	0.0676	-0.4184	-0.0004	-1.75E-3	-2.13E-4	-7.62E-5
	CC14	0.0851	-0.4368	0.0063	-1.86E-3	-2.86E-4	1.91E-6
	CC15	-0.0452	-0.4386	-0.0215	-1.73E-3	-5.79E-5	2.35E-5
	CC16	-0.0278	-0.4570	-0.0148	-1.83E-3	-1.31E-4	1.02E-4
401	CC1	0.2703	0.3057	-0.1929	3.75E-4	-5.07E-4	-3.14E-4
	CC2	0.2791	0.2807	-0.1929	3.16E-4	-5.24E-4	-2.75E-4
	CC3	0.2982	-0.1677	-0.1418	-7.23E-4	-5.93E-4	-2.48E-4
	CC4	0.3071	-0.1928	-0.1418	-7.81E-4	-6.10E-4	-2.10E-4
	CC5	-0.3043	0.1881	-0.0468	7.21E-4	5.98E-4	2.05E-4
	CC6	-0.2955	0.1630	-0.0468	6.62E-4	5.80E-4	2.44E-4
	CC7	-0.2764	-0.2853	0.0043	-3.77E-4	5.12E-4	2.71E-4
	CC8	-0.2675	-0.3104	0.0043	-4.35E-4	4.94E-4	3.09E-4
	CC9	0.0264	0.8459	-0.2013	1.84E-3	3.05E-7	-2.53E-4
	CC10	0.0556	0.7628	-0.2014	1.65E-3	-5.80E-5	-1.26E-4
	CC11	-0.1460	0.8106	-0.1575	1.95E-3	3.32E-4	-9.74E-5
	CC12	-0.1168	0.7276	-0.1576	1.75E-3	2.73E-4	2.97E-5
	CC13	0.1196	-0.7322	-0.0310	-1.81E-3	-2.86E-4	-3.40E-5
	CC14	0.1487	-0.8152	-0.0311	-2.01E-3	-3.44E-4	9.31E-5
	CC15	-0.0528	-0.7675	0.0128	-1.71E-3	4.56E-5	1.22E-4
	CC16	-0.0236	-0.8505	0.0127	-1.91E-3	-1.27E-5	2.49E-4
402	CC1	0.2256	0.2356	-0.1860	4.39E-4	-5.13E-4	-2.46E-4
	CC2	0.2329	0.2163	-0.1858	3.70E-4	-5.31E-4	-2.15E-4
	CC3	0.2458	-0.1323	-0.1357	-8.26E-4	-6.02E-4	-2.11E-4
	CC4	0.2530	-0.1515	-0.1356	-8.95E-4	-6.20E-4	-1.81E-4
	CC5	-0.2510	0.1502	-0.0505	8.77E-4	6.14E-4	1.75E-4
	CC6	-0.2438	0.1310	-0.0503	8.07E-4	5.96E-4	2.06E-4
	CC7	-0.2309	-0.2176	-0.0002	-3.88E-4	5.25E-4	2.10E-4
	CC8	-0.2237	-0.2369	0.0000	-4.58E-4	5.07E-4	2.40E-4
	CC9	0.0270	0.6571	-0.1974	2.15E-3	5.76E-6	-1.74E-4
	CC10	0.0509	0.5934	-0.1969	1.92E-3	-5.34E-5	-7.29E-5
	CC11	-0.1160	0.6315	-0.1568	2.28E-3	3.44E-4	-4.74E-5
	CC12	-0.0921	0.5678	-0.1562	2.05E-3	2.85E-4	5.34E-5
	CC13	0.0940	-0.5691	-0.0298	-2.07E-3	-2.90E-4	-5.92E-5
	CC14	0.1180	-0.6328	-0.0293	-2.30E-3	-3.50E-4	4.16E-5
	CC15	-0.0490	-0.5947	0.0108	-1.94E-3	4.76E-5	6.71E-5
	CC16	-0.0250	-0.6584	0.0114	-2.17E-3	-1.16E-5	1.68E-4
403	CC1	0.1809	0.1693	-0.1768	7.29E-4	-5.02E-4	-1.75E-4
	CC2	0.1866	0.1559	-0.1764	6.71E-4	-5.18E-4	-1.52E-4
	CC3	0.1938	-0.0930	-0.1269	-3.46E-4	-5.74E-4	-1.73E-4

	CC4	0.1996	-0.1064	-0.1265	-4.04E-4	-5.90E-4	-1.50E-4
	CC5	-0.1980	0.1056	-0.0569	4.10E-4	5.86E-4	1.48E-4
	CC6	-0.1923	0.0921	-0.0564	3.52E-4	5.69E-4	1.71E-4
	CC7	-0.1851	-0.1567	-0.0070	-6.65E-4	5.14E-4	1.50E-4
	CC8	-0.1794	-0.1702	-0.0065	-7.23E-4	4.97E-4	1.73E-4
	CC9	0.0267	0.4686	-0.1936	1.94E-3	-1.78E-5	-9.04E-5
	CC10	0.0456	0.4240	-0.1921	1.75E-3	-7.29E-5	-1.55E-5
	CC11	-0.0870	0.4495	-0.1576	1.84E-3	3.08E-4	6.43E-6
	CC12	-0.0681	0.4049	-0.1561	1.65E-3	2.53E-4	8.14E-5
	CC13	0.0697	-0.4058	-0.0273	-1.65E-3	-2.58E-4	-8.38E-5
	CC14	0.0886	-0.4503	-0.0257	-1.84E-3	-3.13E-4	-8.79E-6
	CC15	-0.0440	-0.4249	0.0087	-1.74E-3	6.84E-5	1.31E-5
	CC16	-0.0251	-0.4695	0.0102	-1.93E-3	1.33E-5	8.81E-5
404	CC1	0.3129	0.5854	-0.2213	5.53E-4	-4.18E-4	-3.52E-4
	CC2	0.3232	0.5265	-0.2185	5.00E-4	-4.30E-4	-3.08E-4
	CC3	0.3474	0.0024	-0.1689	-6.40E-5	-4.52E-4	-2.97E-4
	CC4	0.3577	-0.0564	-0.1661	-1.16E-4	-4.65E-4	-2.53E-4
	CC5	-0.3529	0.0435	-0.0585	4.55E-5	4.54E-4	2.44E-4
	CC6	-0.3427	-0.0153	-0.0557	-6.50E-6	4.42E-4	2.88E-4
	CC7	-0.3185	-0.5395	-0.0061	-5.71E-4	4.20E-4	2.99E-4
	CC8	-0.3082	-0.5983	-0.0034	-6.23E-4	4.07E-4	3.43E-4
	CC9	0.0278	1.1439	-0.2286	1.15E-3	-5.68E-5	-2.58E-4
	CC10	0.0619	0.9490	-0.2194	9.82E-4	-9.93E-5	-1.12E-4
	CC11	-0.1720	0.9813	-0.1797	1.00E-3	2.05E-4	-7.90E-5
	CC12	-0.1379	0.7865	-0.1706	8.30E-4	1.62E-4	6.64E-5
	CC13	0.1426	-0.7994	-0.0541	-9.01E-4	-1.73E-4	-7.56E-5
	CC14	0.1767	-0.9942	-0.0449	-1.07E-3	-2.16E-4	6.98E-5
	CC15	-0.0572	-0.9620	-0.0052	-1.05E-3	8.84E-5	1.03E-4
	CC16	-0.0231	-1.1568	0.0039	-1.23E-3	4.59E-5	2.49E-4
405	CC1	0.3129	0.5539	-0.1862	6.14E-4	-4.14E-4	-3.52E-4
	CC2	0.3231	0.4990	-0.1823	5.56E-4	-4.28E-4	-3.08E-4
	CC3	0.3473	-0.0241	-0.1304	-7.61E-5	-4.60E-4	-2.98E-4
	CC4	0.3576	-0.0791	-0.1264	-1.34E-4	-4.74E-4	-2.54E-4
	CC5	-0.3530	0.0653	-0.0974	5.65E-5	4.66E-4	2.44E-4
	CC6	-0.3427	0.0103	-0.0934	-1.23E-6	4.51E-4	2.88E-4
	CC7	-0.3186	-0.5128	-0.0415	-6.33E-4	4.20E-4	2.98E-4
	CC8	-0.3083	-0.5677	-0.0375	-6.91E-4	4.05E-4	3.42E-4
	CC9	0.0277	1.1208	-0.2250	1.29E-3	-3.60E-5	-2.58E-4
	CC10	0.0618	0.9390	-0.2117	1.10E-3	-8.30E-5	-1.13E-4
	CC11	-0.1720	0.9742	-0.1983	1.12E-3	2.28E-4	-7.94E-5
	CC12	-0.1380	0.7924	-0.1851	9.32E-4	1.81E-4	6.61E-5
	CC13	0.1425	-0.8062	-0.0387	-1.01E-3	-1.89E-4	-7.59E-5
	CC14	0.1766	-0.9880	-0.0255	-1.20E-3	-2.36E-4	6.95E-5
	CC15	-0.0572	-0.9528	-0.0120	-1.18E-3	7.48E-5	1.03E-4
	CC16	-0.0232	-1.1346	0.0012	-1.37E-3	2.77E-5	2.48E-4
406	CC1	0.3128	0.5225	-0.1728	5.57E-4	-4.01E-4	-3.51E-4
	CC2	0.3231	0.4716	-0.1675	5.05E-4	-4.16E-4	-3.07E-4
	CC3	0.3472	-0.0506	-0.1125	-8.04E-5	-4.56E-4	-2.96E-4
	CC4	0.3575	-0.1016	-0.1072	-1.33E-4	-4.71E-4	-2.52E-4
	CC5	-0.3531	0.0871	-0.1160	3.83E-5	4.65E-4	2.45E-4
	CC6	-0.3428	0.0361	-0.1107	-1.41E-5	4.50E-4	2.89E-4
	CC7	-0.3187	-0.4861	-0.0556	-5.99E-4	4.10E-4	3.00E-4
	CC8	-0.3084	-0.5371	-0.0503	-6.52E-4	3.95E-4	3.44E-4
	CC9	0.0276	1.0977	-0.2294	1.18E-3	-1.65E-5	-2.57E-4
	CC10	0.0617	0.9290	-0.2119	1.01E-3	-6.50E-5	-1.11E-4
	CC11	-0.1721	0.9671	-0.2124	1.02E-3	2.43E-4	-7.78E-5
	CC12	-0.1381	0.7983	-0.1949	8.51E-4	1.95E-4	6.77E-5
	CC13	0.1424	-0.8129	-0.0283	-9.45E-4	-2.01E-4	-7.43E-5
	CC14	0.1765	-0.9816	-0.0108	-1.12E-3	-2.49E-4	7.11E-5
	CC15	-0.0573	-0.9435	-0.0112	-1.10E-3	5.91E-5	1.04E-4
	CC16	-0.0233	-1.1123	0.0063	-1.27E-3	1.06E-5	2.50E-4
407	CC1	0.2717	0.5453	-0.2531	1.21E-3	-5.23E-4	-3.43E-4
	CC2	0.2806	0.4898	-0.2514	1.09E-3	-5.41E-4	-3.01E-4
	CC3	0.3006	0.0296	-0.2054	2.07E-5	-6.06E-4	-2.60E-4
	CC4	0.3095	-0.0259	-0.2037	-1.00E-4	-6.24E-4	-2.18E-4
	CC5	-0.3056	0.0179	-0.0194	7.31E-5	6.16E-4	2.13E-4
	CC6	-0.2967	-0.0376	-0.0177	-4.79E-5	5.97E-4	2.55E-4
	CC7	-0.2767	-0.4978	0.0283	-1.12E-3	5.32E-4	2.96E-4
	CC8	-0.2678	-0.5533	0.0300	-1.24E-3	5.14E-4	3.38E-4
	CC9	0.0256	1.0265	-0.2289	2.34E-3	-5.99E-6	-2.94E-4
	CC10	0.0552	0.8427	-0.2233	1.94E-3	-6.64E-5	-1.55E-4
	CC11	-0.1476	0.8683	-0.1588	2.00E-3	3.35E-4	-1.28E-4



	CC12	-0.1180	0.6845	-0.1532	1.60E-3	2.75E-4	1.15E-5
	CC13	0.1219	-0.6925	-0.0699	-1.62E-3	-2.84E-4	-1.69E-5
	CC14	0.1515	-0.8763	-0.0643	-2.03E-3	-3.44E-4	1.22E-4
	CC15	-0.0513	-0.8507	0.0002	-1.97E-3	5.75E-5	1.50E-4
	CC16	-0.0217	-1.0345	0.0058	-2.37E-3	-2.87E-6	2.89E-4
408	CC1	0.2254	0.4220	-0.2461	1.51E-3	-5.30E-4	-2.68E-4
	CC2	0.2326	0.3788	-0.2444	1.36E-3	-5.49E-4	-2.35E-4
	CC3	0.2465	0.0251	-0.1997	6.49E-5	-6.19E-4	-2.14E-4
	CC4	0.2538	-0.0182	-0.1980	-8.33E-5	-6.38E-4	-1.81E-4
	CC5	-0.2506	0.0116	-0.0221	7.50E-5	6.29E-4	1.77E-4
	CC6	-0.2433	-0.0317	-0.0204	-7.32E-5	6.11E-4	2.11E-4
	CC7	-0.2294	-0.3854	0.0243	-1.37E-3	5.40E-4	2.32E-4
	CC8	-0.2222	-0.4286	0.0260	-1.51E-3	5.21E-4	2.65E-4
	CC9	0.0257	0.7914	-0.2239	2.86E-3	1.57E-6	-2.14E-4
	CC10	0.0498	0.6483	-0.2181	2.37E-3	-6.02E-5	-1.04E-4
	CC11	-0.1171	0.6683	-0.1567	2.43E-3	3.49E-4	-8.06E-5
	CC12	-0.0929	0.5252	-0.1509	1.94E-3	2.88E-4	2.94E-5
	CC13	0.0961	-0.5318	-0.0692	-1.95E-3	-2.96E-4	-3.28E-5
	CC14	0.1203	-0.6749	-0.0634	-2.44E-3	-3.58E-4	7.72E-5
	CC15	-0.0466	-0.6549	-0.0020	-2.37E-3	5.15E-5	1.01E-4
	CC16	-0.0225	-0.7980	0.0038	-2.86E-3	-1.03E-5	2.11E-4
409	CC1	0.1799	0.2972	-0.2372	1.25E-3	-5.04E-4	-1.83E-4
	CC2	0.1856	0.2663	-0.2353	1.12E-3	-5.21E-4	-1.59E-4
	CC3	0.1936	0.0200	-0.1914	4.82E-5	-5.83E-4	-1.66E-4
	CC4	0.1993	-0.0109	-0.1894	-7.34E-5	-6.00E-4	-1.43E-4
	CC5	-0.1968	0.0052	-0.0275	5.74E-5	5.91E-4	1.41E-4
	CC6	-0.1911	-0.0258	-0.0256	-6.41E-5	5.74E-4	1.65E-4
	CC7	-0.1832	-0.2720	0.0183	-1.14E-3	5.12E-4	1.58E-4
	CC8	-0.1775	-0.3030	0.0202	-1.26E-3	4.95E-4	1.82E-4
	CC9	0.0256	0.5542	-0.2195	2.37E-3	-8.62E-6	-1.16E-4
	CC10	0.0445	0.4517	-0.2132	1.97E-3	-6.51E-5	-3.84E-5
	CC11	-0.0874	0.4666	-0.1566	2.01E-3	3.20E-4	-1.86E-5
	CC12	-0.0685	0.3641	-0.1503	1.61E-3	2.64E-4	5.88E-5
	CC13	0.0710	-0.3698	-0.0667	-1.63E-3	-2.72E-4	-5.99E-5
	CC14	0.0899	-0.4723	-0.0603	-2.03E-3	-3.29E-4	1.75E-5
	CC15	-0.0420	-0.4575	-0.0038	-1.98E-3	5.64E-5	3.73E-5
	CC16	-0.0231	-0.5599	0.0026	-2.38E-3	-2.13E-8	1.15E-4
410	CC1	0.2720	0.4315	-0.1004	9.70E-4	-5.46E-4	-2.71E-4
	CC2	0.2809	0.3903	-0.0941	8.78E-4	-5.65E-4	-2.35E-4
	CC3	0.3006	-0.0657	-0.0366	-1.67E-4	-6.29E-4	-2.55E-4
	CC4	0.3095	-0.1069	-0.0302	-2.58E-4	-6.48E-4	-2.20E-4
	CC5	-0.3063	0.0989	-0.1897	2.19E-4	6.36E-4	2.25E-4
	CC6	-0.2974	0.0577	-0.1834	1.28E-4	6.18E-4	2.60E-4
	CC7	-0.2777	-0.3983	-0.1259	-9.17E-4	5.54E-4	2.40E-4
	CC8	-0.2688	-0.4395	-0.1196	-1.01E-3	5.35E-4	2.76E-4
	CC9	0.0260	0.9428	-0.2135	2.14E-3	-1.47E-5	-1.56E-4
	CC10	0.0555	0.8064	-0.1925	1.84E-3	-7.67E-5	-3.89E-5
	CC11	-0.1475	0.8430	-0.2403	1.91E-3	3.40E-4	-7.43E-6
	CC12	-0.1180	0.7066	-0.2193	1.61E-3	2.78E-4	1.10E-4
	CC13	0.1212	-0.7145	-0.0007	-1.65E-3	-2.89E-4	-1.05E-4
	CC14	0.1507	-0.8509	0.0203	-1.95E-3	-3.51E-4	1.27E-5
	CC15	-0.0523	-0.8143	-0.0275	-1.88E-3	6.56E-5	4.42E-5
	CC16	-0.0228	-0.9507	-0.0065	-2.18E-3	3.56E-6	1.61E-4
411	CC1	0.2232	0.3354	-0.1008	1.18E-3	-5.58E-4	-2.33E-4
	CC2	0.2304	0.3032	-0.0947	1.07E-3	-5.77E-4	-2.03E-4
	CC3	0.2441	-0.0497	-0.0386	-1.75E-4	-6.46E-4	-2.09E-4
	CC4	0.2513	-0.0819	-0.0325	-2.83E-4	-6.65E-4	-1.79E-4
	CC5	-0.2490	0.0756	-0.1848	2.81E-4	6.57E-4	1.83E-4
	CC6	-0.2418	0.0434	-0.1787	1.72E-4	6.37E-4	2.13E-4
	CC7	-0.2281	-0.3096	-0.1226	-1.08E-3	5.68E-4	2.06E-4
	CC8	-0.2209	-0.3418	-0.1165	-1.18E-3	5.49E-4	2.36E-4
	CC9	0.0252	0.7310	-0.2098	2.57E-3	-7.17E-6	-1.50E-4
	CC10	0.0490	0.6244	-0.1896	2.22E-3	-7.08E-5	-5.04E-5
	CC11	-0.1165	0.6530	-0.2350	2.30E-3	3.57E-4	-2.49E-5
	CC12	-0.0926	0.5465	-0.2148	1.95E-3	2.93E-4	7.42E-5
	CC13	0.0950	-0.5529	-0.0025	-1.95E-3	-3.02E-4	-7.10E-5
	CC14	0.1188	-0.6594	0.0177	-2.31E-3	-3.66E-4	2.81E-5
	CC15	-0.0467	-0.6308	-0.0277	-2.22E-3	6.22E-5	5.36E-5
	CC16	-0.0228	-0.7374	-0.0075	-2.58E-3	-1.43E-6	1.53E-4
412	CC1	0.1760	0.2378	-0.1026	9.98E-4	-5.08E-4	-1.99E-4
	CC2	0.1816	0.2146	-0.0968	9.07E-4	-5.25E-4	-1.74E-4
	CC3	0.1894	-0.0342	-0.0427	-1.48E-4	-5.89E-4	-1.64E-4

	CC4	0.1950	-0.0574	-0.0370	-2.39E-4	-6.07E-4	-1.39E-4
	CC5	-0.1933	0.0513	-0.1775	2.31E-4	5.99E-4	1.39E-4
	CC6	-0.1878	0.0281	-0.1717	1.40E-4	5.82E-4	1.64E-4
	CC7	-0.1800	-0.2208	-0.1177	-9.15E-4	5.18E-4	1.74E-4
	CC8	-0.1744	-0.2440	-0.1119	-1.01E-3	5.00E-4	1.99E-4
	CC9	0.0248	0.5167	-0.2053	2.17E-3	-5.30E-6	-1.50E-4
	CC10	0.0432	0.4399	-0.1862	1.87E-3	-6.26E-5	-6.80E-5
	CC11	-0.0861	0.4607	-0.2277	1.94E-3	3.27E-4	-4.90E-5
	CC12	-0.0676	0.3839	-0.2087	1.64E-3	2.70E-4	3.32E-5
	CC13	0.0692	-0.3901	-0.0058	-1.65E-3	-2.77E-4	-3.33E-5
	CC14	0.0877	-0.4669	0.0133	-1.95E-3	-3.34E-4	4.90E-5
	CC15	-0.0416	-0.4460	-0.0283	-1.88E-3	5.50E-5	6.80E-5
	CC16	-0.0231	-0.5228	-0.0092	-2.18E-3	-2.32E-6	1.50E-4
413	CC1	0.3447	0.6509	-0.1448	1.50E-3	-6.59E-4	-2.99E-4
	CC2	0.3297	0.5813	-0.1604	1.34E-3	-6.29E-4	-2.61E-4
	CC3	0.3410	0.1348	-0.2564	2.51E-4	-6.76E-4	-2.51E-4
	CC4	0.3260	0.0652	-0.2720	9.66E-5	-6.47E-4	-2.13E-4
	CC5	-0.3218	-0.0733	0.0510	-1.12E-4	6.54E-4	2.15E-4
	CC6	-0.3368	-0.1429	0.0354	-2.66E-4	6.84E-4	2.53E-4
	CC7	-0.3255	-0.5894	-0.0606	-1.36E-3	6.37E-4	2.63E-4
	CC8	-0.3405	-0.6590	-0.0762	-1.51E-3	6.66E-4	3.01E-4
	CC9	0.1331	1.0800	0.0718	2.56E-3	-2.13E-4	-2.18E-4
	CC10	0.0835	0.8496	0.0202	2.05E-3	-1.15E-4	-9.32E-5
	CC11	-0.0668	0.8628	0.1306	2.08E-3	1.80E-4	-6.41E-5
	CC12	-0.1165	0.6324	0.0790	1.57E-3	2.79E-4	6.09E-5
	CC13	0.1208	-0.6404	-0.3000	-1.58E-3	-2.71E-4	-5.92E-5
	CC14	0.0711	-0.8708	-0.3516	-2.10E-3	-1.73E-4	6.58E-5
	CC15	-0.0792	-0.8577	-0.2412	-2.07E-3	1.23E-4	9.50E-5
	CC16	-0.1288	-1.0881	-0.2928	-2.58E-3	2.21E-4	2.20E-4
414	CC1	0.2850	0.5138	-0.1426	1.57E-3	-6.97E-4	-2.52E-4
	CC2	0.2728	0.4584	-0.1577	1.41E-3	-6.63E-4	-2.20E-4
	CC3	0.2812	0.1119	-0.2497	2.61E-4	-6.89E-4	-2.10E-4
	CC4	0.2690	0.0565	-0.2648	9.82E-5	-6.55E-4	-1.78E-4
	CC5	-0.2648	-0.0635	0.0465	-1.08E-4	6.49E-4	1.80E-4
	CC6	-0.2770	-0.1189	0.0315	-2.70E-4	6.82E-4	2.11E-4
	CC7	-0.2686	-0.4654	-0.0606	-1.42E-3	6.57E-4	2.22E-4
	CC8	-0.2808	-0.5208	-0.0756	-1.58E-3	6.90E-4	2.54E-4
	CC9	0.1111	0.8447	0.0659	2.70E-3	-2.74E-4	-1.87E-4
	CC10	0.0708	0.6613	0.0161	2.17E-3	-1.63E-4	-8.18E-5
	CC11	-0.0539	0.6715	0.1227	2.20E-3	1.30E-4	-5.72E-5
	CC12	-0.0941	0.4881	0.0728	1.66E-3	2.41E-4	4.76E-5
	CC13	0.0983	-0.4951	-0.2911	-1.67E-3	-2.47E-4	-4.58E-5
	CC14	0.0581	-0.6785	-0.3409	-2.21E-3	-1.36E-4	5.91E-5
	CC15	-0.0666	-0.6683	-0.2343	-2.18E-3	1.57E-4	8.37E-5
	CC16	-0.1069	-0.8517	-0.2842	-2.71E-3	2.68E-4	1.89E-4
415	CC1	0.2246	0.3817	-0.1401	1.38E-3	-6.64E-4	-1.98E-4
	CC2	0.2154	0.3400	-0.1540	1.23E-3	-6.32E-4	-1.73E-4
	CC3	0.2218	0.0897	-0.2387	2.36E-4	-6.50E-4	-1.66E-4
	CC4	0.2126	0.0480	-0.2527	9.40E-5	-6.18E-4	-1.41E-4
	CC5	-0.2090	-0.0540	0.0371	-1.09E-4	6.15E-4	1.44E-4
	CC6	-0.2182	-0.0958	0.0231	-2.51E-4	6.47E-4	1.69E-4
	CC7	-0.2117	-0.3460	-0.0616	-1.25E-3	6.29E-4	1.76E-4
	CC8	-0.2210	-0.3878	-0.0755	-1.39E-3	6.61E-4	2.01E-4
	CC9	0.0868	0.6181	0.0532	2.35E-3	-2.70E-4	-1.45E-4
	CC10	0.0563	0.4799	0.0069	1.88E-3	-1.64E-4	-6.20E-5
	CC11	-0.0433	0.4874	0.1063	1.91E-3	1.14E-4	-4.24E-5
	CC12	-0.0738	0.3491	0.0600	1.43E-3	2.20E-4	4.06E-5
	CC13	0.0775	-0.3552	-0.2756	-1.45E-3	-2.23E-4	-3.83E-5
	CC14	0.0470	-0.4934	-0.3219	-1.92E-3	-1.16E-4	4.46E-5
	CC15	-0.0526	-0.4859	-0.2225	-1.89E-3	1.61E-4	6.42E-5
	CC16	-0.0831	-0.6242	-0.2688	-2.37E-3	2.67E-4	1.47E-4
416	CC1	0.3050	0.6523	-0.2290	1.50E-3	-5.95E-4	-2.95E-4
	CC2	0.3013	0.5825	-0.2168	1.34E-3	-5.85E-4	-2.58E-4
	CC3	0.3215	0.1348	-0.1353	2.50E-4	-6.30E-4	-2.49E-4
	CC4	0.3177	0.0650	-0.1232	9.40E-5	-6.20E-4	-2.12E-4
	CC5	-0.3126	-0.0738	-0.0923	-1.19E-4	6.26E-4	2.14E-4
	CC6	-0.3163	-0.1436	-0.0801	-2.75E-4	6.36E-4	2.51E-4
	CC7	-0.2961	-0.5912	0.0014	-1.37E-3	5.91E-4	2.60E-4
	CC8	-0.2998	-0.6610	0.0135	-1.52E-3	6.01E-4	2.97E-4
	CC9	0.0739	1.0825	-0.3045	2.57E-3	-1.37E-4	-2.13E-4
	CC10	0.0616	0.8515	-0.2642	2.06E-3	-1.05E-4	-9.00E-5
	CC11	-0.1114	0.8647	-0.2634	2.09E-3	2.29E-4	-6.08E-5

	CC12	-0.1237	0.6337	-0.2232	1.57E-3	2.61E-4	6.27E-5
	CC13	0.1288	-0.6424	0.0077	-1.60E-3	-2.54E-4	-6.10E-5
	CC14	0.1165	-0.8734	0.0480	-2.11E-3	-2.22E-4	6.25E-5
	CC15	-0.0564	-0.8602	0.0487	-2.08E-3	1.12E-4	9.17E-5
	CC16	-0.0688	-1.0912	0.0890	-2.60E-3	1.44E-4	2.15E-4
417	CC1	0.2524	0.5146	-0.2244	1.58E-3	-6.01E-4	-2.48E-4
	CC2	0.2495	0.4592	-0.2125	1.42E-3	-5.93E-4	-2.17E-4
	CC3	0.2647	0.1123	-0.1332	2.56E-4	-6.60E-4	-2.09E-4
	CC4	0.2617	0.0568	-0.1214	9.19E-5	-6.53E-4	-1.78E-4
	CC5	-0.2566	-0.0632	-0.0916	-1.18E-4	6.48E-4	1.79E-4
	CC6	-0.2596	-0.1187	-0.0798	-2.82E-4	6.55E-4	2.10E-4
	CC7	-0.2443	-0.4656	-0.0005	-1.44E-3	5.88E-4	2.18E-4
	CC8	-0.2473	-0.5211	0.0113	-1.61E-3	5.96E-4	2.49E-4
	CC9	0.0634	0.8459	-0.2979	2.72E-3	-1.02E-4	-1.81E-4
	CC10	0.0535	0.6623	-0.2587	2.18E-3	-7.81E-5	-7.76E-5
	CC11	-0.0893	0.6725	-0.2581	2.21E-3	2.72E-4	-5.29E-5
	CC12	-0.0992	0.4889	-0.2189	1.67E-3	2.97E-4	5.05E-5
	CC13	0.1043	-0.4953	0.0059	-1.70E-3	-3.01E-4	-4.95E-5
	CC14	0.0945	-0.6789	0.0450	-2.24E-3	-2.77E-4	5.39E-5
	CC15	-0.0484	-0.6687	0.0457	-2.21E-3	7.32E-5	7.86E-5
	CC16	-0.0583	-0.8523	0.0848	-2.75E-3	9.74E-5	1.82E-4
418	CC1	0.2010	0.3819	-0.2166	1.39E-3	-5.62E-4	-1.97E-4
	CC2	0.1986	0.3402	-0.2057	1.24E-3	-5.56E-4	-1.72E-4
	CC3	0.2077	0.0905	-0.1332	2.36E-4	-6.25E-4	-1.67E-4
	CC4	0.2053	0.0488	-0.1223	9.26E-5	-6.19E-4	-1.43E-4
	CC5	-0.2007	-0.0531	-0.0885	-1.13E-4	6.13E-4	1.43E-4
	CC6	-0.2031	-0.0947	-0.0776	-2.57E-4	6.19E-4	1.67E-4
	CC7	-0.1940	-0.3445	-0.0050	-1.26E-3	5.50E-4	1.72E-4
	CC8	-0.1964	-0.3862	0.0059	-1.41E-3	5.56E-4	1.97E-4
	CC9	0.0554	0.6178	-0.2817	2.37E-3	-8.41E-5	-1.42E-4
	CC10	0.0474	0.4798	-0.2456	1.89E-3	-6.43E-5	-5.97E-5
	CC11	-0.0651	0.4873	-0.2433	1.92E-3	2.69E-4	-4.00E-5
	CC12	-0.0731	0.3493	-0.2072	1.44E-3	2.88E-4	4.23E-5
	CC13	0.0777	-0.3536	-0.0035	-1.46E-3	-2.94E-4	-4.23E-5
	CC14	0.0697	-0.4916	0.0325	-1.94E-3	-2.74E-4	4.00E-5
	CC15	-0.0428	-0.4841	0.0349	-1.91E-3	5.87E-5	5.96E-5
	CC16	-0.0508	-0.6221	0.0710	-2.39E-3	7.84E-5	1.42E-4
419	CC1	0.3983	0.7969	-0.1481	1.39E-3	-4.77E-4	-3.50E-4
	CC2	0.3806	0.7114	-0.1644	1.24E-3	-4.76E-4	-3.06E-4
	CC3	0.3960	0.1808	-0.2811	2.88E-4	-6.43E-4	-2.95E-4
	CC4	0.3783	0.0953	-0.2974	1.46E-4	-6.43E-4	-2.51E-4
	CC5	-0.3761	-0.1058	0.0762	-1.71E-4	6.63E-4	2.46E-4
	CC6	-0.3938	-0.1912	0.0599	-3.13E-4	6.64E-4	2.90E-4
	CC7	-0.3784	-0.7218	-0.0568	-1.27E-3	4.97E-4	3.01E-4
	CC8	-0.3961	-0.8073	-0.0731	-1.41E-3	4.98E-4	3.45E-4
	CC9	0.1503	1.2985	0.1044	2.29E-3	1.15E-4	-2.55E-4
	CC10	0.0917	1.0155	0.0505	1.82E-3	1.18E-4	-1.10E-4
	CC11	-0.0820	1.0277	0.1717	1.82E-3	4.57E-4	-7.67E-5
	CC12	-0.1406	0.7447	0.1177	1.35E-3	4.60E-4	6.88E-5
	CC13	0.1428	-0.7552	-0.3390	-1.37E-3	-4.40E-4	-7.33E-5
	CC14	0.0842	-1.0381	-0.3929	-1.84E-3	-4.37E-4	7.22E-5
	CC15	-0.0895	-1.0260	-0.2717	-1.84E-3	-9.78E-5	1.06E-4
	CC16	-0.1481	-1.3089	-0.3256	-2.31E-3	-9.46E-5	2.51E-4
420	CC1	0.3436	0.6917	-0.1525	1.59E-3	-7.24E-4	-2.56E-4
	CC2	0.3283	0.6167	-0.1694	1.42E-3	-6.81E-4	-2.23E-4
	CC3	0.3410	0.1763	-0.3064	3.35E-4	-6.65E-4	-2.39E-4
	CC4	0.3256	0.1013	-0.3233	1.68E-4	-6.22E-4	-2.06E-4
	CC5	-0.3216	-0.1098	0.1050	-1.84E-4	6.39E-4	2.07E-4
	CC6	-0.3370	-0.1848	0.0881	-3.52E-4	6.82E-4	2.40E-4
	CC7	-0.3243	-0.6252	-0.0489	-1.44E-3	6.98E-4	2.24E-4
	CC8	-0.3396	-0.7002	-0.0659	-1.61E-3	7.41E-4	2.57E-4
	CC9	0.1316	1.0990	0.1368	2.63E-3	-3.66E-4	-1.51E-4
	CC10	0.0808	0.8507	0.0808	2.07E-3	-2.22E-4	-4.23E-5
	CC11	-0.0680	0.8586	0.2141	2.09E-3	4.27E-5	-1.24E-5
	CC12	-0.1188	0.6103	0.1580	1.54E-3	1.86E-4	9.66E-5
	CC13	0.1228	-0.6188	-0.3764	-1.56E-3	-1.69E-4	-9.56E-5
	CC14	0.0720	-0.8671	-0.4324	-2.11E-3	-2.56E-5	1.33E-5
	CC15	-0.0768	-0.8592	-0.2991	-2.09E-3	2.40E-4	4.32E-5
	CC16	-0.1276	-1.1076	-0.3552	-2.64E-3	3.83E-4	1.52E-4
421	CC1	0.2863	0.5569	-0.1500	1.47E-3	-5.82E-4	-1.90E-4
	CC2	0.2737	0.4961	-0.1661	1.32E-3	-5.62E-4	-1.65E-4
	CC3	0.2833	0.1476	-0.2969	3.14E-4	-6.49E-4	-1.85E-4

	CC4	0.2708	0.0868	-0.3130	1.59E-4	-6.29E-4	-1.59E-4
	CC5	-0.2659	-0.0937	0.0963	-1.77E-4	6.33E-4	1.62E-4
	CC6	-0.2785	-0.1545	0.0802	-3.31E-4	6.53E-4	1.87E-4
	CC7	-0.2689	-0.5031	-0.0505	-1.33E-3	5.66E-4	1.68E-4
	CC8	-0.2814	-0.5639	-0.0666	-1.49E-3	5.86E-4	1.93E-4
	CC9	0.1109	0.8770	0.1262	2.42E-3	-1.01E-4	-1.03E-4
	CC10	0.0694	0.6757	0.0728	1.91E-3	-3.60E-5	-1.88E-5
	CC11	-0.0548	0.6818	0.2001	1.93E-3	2.63E-4	2.94E-6
	CC12	-0.0963	0.4805	0.1467	1.42E-3	3.28E-4	8.69E-5
	CC13	0.1011	-0.4874	-0.3634	-1.44E-3	-3.25E-4	-8.43E-5
	CC14	0.0596	-0.6888	-0.4167	-1.95E-3	-2.59E-4	-3.32E-7
	CC15	-0.0645	-0.6826	-0.2895	-1.93E-3	4.00E-5	2.14E-5
	CC16	-0.1060	-0.8840	-0.3428	-2.44E-3	1.05E-4	1.05E-4
422	CC1	0.2287	0.4267	-0.1491	1.50E-3	-7.34E-4	-1.66E-4
	CC2	0.2189	0.3796	-0.1640	1.35E-3	-6.90E-4	-1.45E-4
	CC3	0.2259	0.1199	-0.2843	3.15E-4	-6.67E-4	-1.47E-4
	CC4	0.2161	0.0728	-0.2992	1.58E-4	-6.24E-4	-1.26E-4
	CC5	-0.2110	-0.0783	0.0846	-1.73E-4	6.24E-4	1.23E-4
	CC6	-0.2207	-0.1254	0.0697	-3.30E-4	6.68E-4	1.44E-4
	CC7	-0.2138	-0.3850	-0.0506	-1.36E-3	6.91E-4	1.42E-4
	CC8	-0.2235	-0.4322	-0.0655	-1.52E-3	7.34E-4	1.63E-4
	CC9	0.0893	0.6624	0.1076	2.48E-3	-3.86E-4	-1.12E-4
	CC10	0.0571	0.5063	0.0584	1.96E-3	-2.42E-4	-4.25E-5
	CC11	-0.0426	0.5109	0.1777	1.98E-3	2.18E-5	-2.49E-5
	CC12	-0.0748	0.3548	0.1285	1.46E-3	1.65E-4	4.42E-5
	CC13	0.0800	-0.3603	-0.3430	-1.48E-3	-1.65E-4	-4.69E-5
	CC14	0.0477	-0.5164	-0.3923	-2.00E-3	-2.13E-5	2.23E-5
	CC15	-0.0519	-0.5118	-0.2729	-1.98E-3	2.42E-4	3.98E-5
	CC16	-0.0842	-0.6679	-0.3222	-2.50E-3	3.86E-4	1.09E-4
423	CC1	0.3552	0.8006	-0.2789	1.33E-3	-6.79E-4	-3.51E-4
	CC2	0.3500	0.7147	-0.2655	1.19E-3	-6.45E-4	-3.07E-4
	CC3	0.3712	0.1839	-0.1866	2.78E-4	-5.23E-4	-2.96E-4
	CC4	0.3660	0.0980	-0.1731	1.42E-4	-4.89E-4	-2.53E-4
	CC5	-0.3624	-0.1080	-0.0424	-1.61E-4	5.06E-4	2.45E-4
	CC6	-0.3676	-0.1939	-0.0289	-2.97E-4	5.40E-4	2.89E-4
	CC7	-0.3463	-0.7247	0.0499	-1.21E-3	6.61E-4	3.00E-4
	CC8	-0.3515	-0.8106	0.0634	-1.34E-3	6.96E-4	3.43E-4
	CC9	0.0913	1.3012	-0.3194	2.18E-3	-4.86E-4	-2.57E-4
	CC10	0.0741	1.0168	-0.2749	1.74E-3	-3.72E-4	-1.12E-4
	CC11	-0.1240	1.0286	-0.2484	1.74E-3	-1.31E-4	-7.83E-5
	CC12	-0.1412	0.7442	-0.2039	1.29E-3	-1.65E-5	6.72E-5
	CC13	0.1448	-0.7543	-0.0116	-1.31E-3	3.31E-5	-7.49E-5
	CC14	0.1276	-1.0386	0.0329	-1.76E-3	1.48E-4	7.06E-5
	CC15	-0.0704	-1.0268	0.0594	-1.75E-3	3.89E-4	1.04E-4
	CC16	-0.0876	-1.3112	0.1039	-2.20E-3	5.03E-4	2.49E-4
424	CC1	0.3078	0.6967	-0.3315	1.63E-3	-5.40E-4	-2.02E-4
	CC2	0.3030	0.6210	-0.3165	1.46E-3	-5.40E-4	-1.74E-4
	CC3	0.3203	0.1815	-0.2391	3.45E-4	-6.61E-4	-2.40E-4
	CC4	0.3155	0.1059	-0.2242	1.73E-4	-6.60E-4	-2.12E-4
	CC5	-0.3104	-0.1137	0.0112	-1.94E-4	6.76E-4	2.07E-4
	CC6	-0.3151	-0.1893	0.0261	-3.66E-4	6.76E-4	2.34E-4
	CC7	-0.2979	-0.6289	0.1035	-1.48E-3	5.55E-4	1.69E-4
	CC8	-0.3027	-0.7045	0.1184	-1.65E-3	5.55E-4	1.96E-4
	CC9	0.0824	1.1014	-0.3365	2.69E-3	2.60E-5	-4.65E-5
	CC10	0.0665	0.8510	-0.2871	2.12E-3	2.68E-5	4.49E-5
	CC11	-0.1030	0.8583	-0.2337	2.14E-3	3.91E-4	7.61E-5
	CC12	-0.1189	0.6079	-0.1843	1.57E-3	3.91E-4	1.68E-4
	CC13	0.1240	-0.6158	-0.0288	-1.59E-3	-3.76E-4	-1.73E-4
	CC14	0.1082	-0.8662	0.0207	-2.16E-3	-3.75E-4	-8.18E-5
	CC15	-0.0614	-0.8589	0.0740	-2.14E-3	-1.14E-5	-5.06E-5
	CC16	-0.0773	-1.1093	0.1235	-2.71E-3	-1.06E-5	4.09E-5
425	CC1	0.2566	0.5619	-0.3250	1.43E-3	-6.03E-4	-2.63E-4
	CC2	0.2528	0.5004	-0.3107	1.28E-3	-5.85E-4	-2.31E-4
	CC3	0.2663	0.1522	-0.2374	3.11E-4	-5.75E-4	-2.11E-4
	CC4	0.2624	0.0908	-0.2231	1.60E-4	-5.56E-4	-1.78E-4
	CC5	-0.2566	-0.0970	0.0112	-1.76E-4	5.62E-4	1.66E-4
	CC6	-0.2605	-0.1584	0.0255	-3.27E-4	5.81E-4	1.99E-4
	CC7	-0.2470	-0.5066	0.0988	-1.30E-3	5.91E-4	2.19E-4
	CC8	-0.2508	-0.5681	0.1131	-1.45E-3	6.09E-4	2.52E-4
	CC9	0.0702	0.8802	-0.3260	2.35E-3	-2.50E-4	-2.13E-4
	CC10	0.0575	0.6768	-0.2787	1.85E-3	-1.88E-4	-1.04E-4
	CC11	-0.0838	0.6825	-0.2252	1.87E-3	9.99E-5	-8.39E-5

	CC12	-0.0964	0.4791	-0.1779	1.37E-3	1.62E-4	2.53E-5
	CC13	0.1023	-0.4853	-0.0341	-1.39E-3	-1.56E-4	-3.71E-5
	CC14	0.0896	-0.6887	0.0132	-1.89E-3	-9.39E-5	7.21E-5
	CC15	-0.0517	-0.6830	0.0668	-1.87E-3	1.94E-4	9.18E-5
	CC16	-0.0644	-0.8864	0.1141	-2.37E-3	2.56E-4	2.01E-4
426	CC1	0.2049	0.4328	-0.3146	1.53E-3	-5.86E-4	-3.23E-4
	CC2	0.2020	0.3849	-0.3014	1.37E-3	-5.84E-4	-2.85E-4
	CC3	0.2113	0.1242	-0.2350	3.32E-4	-6.92E-4	-1.84E-4
	CC4	0.2084	0.0764	-0.2218	1.71E-4	-6.91E-4	-1.46E-4
	CC5	-0.2027	-0.0812	0.0113	-1.89E-4	6.77E-4	1.47E-4
	CC6	-0.2056	-0.1290	0.0245	-3.50E-4	6.78E-4	1.85E-4
	CC7	-0.1962	-0.3897	0.0908	-1.39E-3	5.70E-4	2.86E-4
	CC8	-0.1992	-0.4376	0.1040	-1.55E-3	5.71E-4	3.24E-4
	CC9	0.0580	0.6681	-0.3085	2.52E-3	-2.06E-5	-3.65E-4
	CC10	0.0484	0.5097	-0.2650	1.99E-3	-1.67E-5	-2.38E-4
	CC11	-0.0642	0.5139	-0.2108	2.00E-3	3.58E-4	-2.24E-4
	CC12	-0.0739	0.3555	-0.1672	1.47E-3	3.62E-4	-9.75E-5
	CC13	0.0796	-0.3603	-0.0434	-1.49E-3	-3.76E-4	9.81E-5
	CC14	0.0699	-0.5187	0.0002	-2.02E-3	-3.72E-4	2.24E-4
	CC15	-0.0427	-0.5145	0.0544	-2.00E-3	2.35E-6	2.39E-4
	CC16	-0.0523	-0.6729	0.0980	-2.54E-3	6.30E-6	3.65E-4
427	CC1	0.3143	0.1156	-0.0422	2.21E-4	8.75E-29	-3.45E-4
	CC2	0.3237	0.1156	-0.0392	2.23E-4	8.75E-29	-3.01E-4
	CC3	0.3477	-0.3941	0.0814	-7.33E-4	5.67E-29	-2.90E-4
	CC4	0.3571	-0.3941	0.0845	-7.31E-4	5.67E-29	-2.46E-4
	CC5	-0.3539	0.3750	-0.2638	6.78E-4	-5.67E-29	2.51E-4
	CC6	-0.3445	0.3750	-0.2608	6.80E-4	-5.67E-29	2.95E-4
	CC7	-0.3205	-0.1347	-0.1402	-2.76E-4	-8.75E-29	3.06E-4
	CC8	-0.3111	-0.1347	-0.1371	-2.74E-4	-8.75E-29	3.50E-4
	CC9	0.0306	0.8010	-0.2676	1.49E-3	7.29E-29	-2.51E-4
	CC10	0.0618	0.8011	-0.2574	1.50E-3	7.29E-29	-1.05E-4
	CC11	-0.1699	0.8788	-0.3340	1.63E-3	2.97E-29	-7.21E-5
	CC12	-0.1387	0.8789	-0.3239	1.64E-3	2.97E-29	7.34E-5
	CC13	0.1419	-0.8981	0.1446	-1.69E-3	-2.97E-29	-6.87E-5
	CC14	0.1731	-0.8980	0.1547	-1.68E-3	-2.97E-29	7.68E-5
	CC15	-0.0585	-0.8203	0.0781	-1.55E-3	-7.29E-29	1.10E-4
	CC16	-0.0274	-0.8201	0.0882	-1.54E-3	-7.29E-29	2.56E-4
428	CC1	0.3144	0.1563	-0.0490	3.13E-4	2.25E-29	-3.51E-4
	CC2	0.3238	0.1512	-0.0459	3.03E-4	2.25E-29	-3.07E-4
	CC3	0.3478	-0.3599	0.0372	-6.57E-4	1.46E-29	-2.96E-4
	CC4	0.3572	-0.3650	0.0403	-6.67E-4	1.46E-29	-2.52E-4
	CC5	-0.3538	0.3460	-0.2210	6.16E-4	-1.46E-29	2.45E-4
	CC6	-0.3444	0.3409	-0.2179	6.05E-4	-1.46E-29	2.89E-4
	CC7	-0.3204	-0.1702	-0.1347	-3.55E-4	-2.25E-29	3.00E-4
	CC8	-0.3110	-0.1753	-0.1316	-3.65E-4	-2.25E-29	3.44E-4
	CC9	0.0307	0.8308	-0.2135	1.56E-3	1.87E-29	-2.57E-4
	CC10	0.0619	0.8138	-0.2032	1.53E-3	1.87E-29	-1.12E-4
	CC11	-0.1697	0.8877	-0.2651	1.65E-3	7.58E-3	-7.82E-5
	CC12	-0.1386	0.8707	-0.2548	1.62E-3	7.58E-3	6.73E-5
	CC13	0.1420	-0.8897	0.0741	-1.67E-3	-7.58E-3	-7.47E-5
	CC14	0.1732	-0.9067	0.0844	-1.71E-3	-7.58E-3	7.07E-5
	CC15	-0.0584	-0.8328	0.0225	-1.58E-3	-1.87E-29	1.04E-4
	CC16	-0.0273	-0.8498	0.0328	-1.62E-3	-1.87E-29	2.50E-4
429	CC1	0.3145	0.1979	-0.0537	3.27E-4	2.54E-28	-3.51E-4
	CC2	0.3239	0.1876	-0.0504	3.13E-4	2.54E-28	-3.07E-4
	CC3	0.3479	-0.3247	0.0080	-5.87E-4	1.64E-28	-2.96E-4
	CC4	0.3573	-0.3351	0.0113	-6.01E-4	1.64E-28	-2.53E-4
	CC5	-0.3537	0.3170	-0.1946	5.40E-4	-1.64E-28	2.45E-4
	CC6	-0.3442	0.3066	-0.1913	5.26E-4	-1.64E-28	2.89E-4
	CC7	-0.3203	-0.2057	-0.1329	-3.75E-4	-2.54E-28	3.00E-4
	CC8	-0.3109	-0.2160	-0.1296	-3.88E-4	-2.54E-28	3.43E-4
	CC9	0.0308	0.8613	-0.1788	1.48E-3	2.14E-28	-2.57E-4
	CC10	0.0620	0.8270	-0.1679	1.44E-3	2.14E-28	-1.12E-4
	CC11	-0.1696	0.8971	-0.2211	1.55E-3	8.80E-29	-7.83E-5
	CC12	-0.1385	0.8628	-0.2101	1.50E-3	8.80E-29	6.72E-5
	CC13	0.1421	-0.8809	0.0268	-1.56E-3	-8.80E-29	-7.48E-5
	CC14	0.1733	-0.9152	0.0378	-1.61E-3	-8.80E-29	7.06E-5
	CC15	-0.0583	-0.8451	-0.0155	-1.50E-3	-2.14E-28	1.04E-4
	CC16	-0.0272	-0.8794	-0.0045	-1.55E-3	-2.14E-28	2.49E-4
430	CC1	0.3692	-0.7237	0.0133	3.56E-29	-6.19E-4	-3.46E-4
	CC2	0.3593	-0.6170	0.0014	3.56E-29	-6.04E-4	-3.02E-4
	CC3	0.3798	-1.1008	0.0527	2.30E-29	-6.41E-4	-2.91E-4

	CC4	0.3699	-0.9942	0.0409	2.30E-29	-6.26E-4	-2.48E-4
	CC5	-0.3682	0.9798	-0.2172	-2.30E-29	5.96E-4	2.50E-4
	CC6	-0.3780	1.0864	-0.2291	-2.30E-29	6.11E-4	2.94E-4
	CC7	-0.3576	0.6027	-0.1778	-3.56E-29	5.74E-4	3.05E-4
	CC8	-0.3674	0.7093	-0.1896	-3.56E-29	5.89E-4	3.48E-4
	CC9	0.1101	0.1893	-0.0998	2.98E-29	-1.85E-4	-2.52E-4
	CC10	0.0775	0.5423	-0.1390	2.98E-29	-1.35E-4	-1.07E-4
	CC11	-0.1111	0.7003	-0.1689	1.22E-29	1.80E-4	-7.33E-5
	CC12	-0.1437	1.0534	-0.2081	1.22E-29	2.29E-4	7.22E-5
	CC13	0.1454	-1.0677	0.0318	-1.22E-29	-2.59E-4	-6.99E-5
	CC14	0.1128	-0.7147	-0.0074	-1.22E-29	-2.10E-4	7.56E-5
	CC15	-0.0758	-0.5567	-0.0374	-2.98E-29	1.05E-4	1.09E-4
	CC16	-0.1084	-0.2037	-0.0766	-2.98E-29	1.55E-4	2.54E-4
431	CC1	0.3833	-0.7237	-0.0114	1.80E-28	-6.35E-4	-3.46E-4
	CC2	0.3692	-0.6171	-0.0081	1.80E-28	-6.15E-4	-3.02E-4
	CC3	0.3890	-1.1009	-0.0328	1.17E-28	-6.41E-4	-2.91E-4
	CC4	0.3749	-0.9942	-0.0294	1.17E-28	-6.21E-4	-2.47E-4
	CC5	-0.3734	0.9797	-0.1500	-1.17E-28	5.84E-4	2.50E-4
	CC6	-0.3875	1.0864	-0.1467	-1.17E-28	6.04E-4	2.94E-4
	CC7	-0.3677	0.6026	-0.1713	-1.80E-28	5.77E-4	3.05E-4
	CC8	-0.3818	0.7093	-0.1680	-1.80E-28	5.97E-4	3.49E-4
	CC9	0.1280	0.1892	-0.0389	1.49E-28	-2.24E-4	-2.52E-4
	CC10	0.0814	0.5423	-0.0278	1.49E-28	-1.58E-4	-1.07E-4
	CC11	-0.0990	0.7003	-0.0805	6.02E-29	1.41E-4	-7.32E-5
	CC12	-0.1456	1.0533	-0.0694	6.02E-29	2.08E-4	7.22E-5
	CC13	0.1471	-1.0678	-0.1100	-6.02E-29	-2.45E-4	-6.98E-5
	CC14	0.1005	-0.7148	-0.0989	-6.02E-29	-1.79E-4	7.57E-5
	CC15	-0.0799	-0.5568	-0.1516	-1.49E-28	1.21E-4	1.09E-4
	CC16	-0.1265	-0.2037	-0.1405	-1.49E-28	1.87E-4	2.54E-4
432	CC1	0.3876	0.8281	-0.1824	5.45E-4	-6.74E-4	-3.49E-4
	CC2	0.3724	0.7387	-0.1922	4.95E-4	-6.41E-4	-3.05E-4
	CC3	0.3921	0.2071	-0.2805	7.06E-5	-6.17E-4	-2.94E-4
	CC4	0.3768	0.1177	-0.2903	2.14E-5	-5.84E-4	-2.50E-4
	CC5	-0.3747	-0.1276	0.0716	9.19E-6	6.01E-4	2.47E-4
	CC6	-0.3900	-0.2170	0.0619	-4.00E-5	6.33E-4	2.91E-4
	CC7	-0.3703	-0.7485	-0.0265	-4.65E-4	6.58E-4	3.02E-4
	CC8	-0.3855	-0.8379	-0.0362	-5.14E-4	6.90E-4	3.46E-4
	CC9	0.1332	1.3213	0.0322	9.67E-4	-3.33E-4	-2.55E-4
	CC10	0.0828	1.0254	-0.0001	8.04E-4	-2.24E-4	-1.09E-4
	CC11	-0.0955	1.0346	0.1085	8.07E-4	4.99E-5	-7.57E-5
	CC12	-0.1459	0.7387	0.0762	6.44E-4	1.59E-4	6.98E-5
	CC13	0.1480	-0.7486	-0.2948	-6.13E-4	-1.42E-4	-7.23E-5
	CC14	0.0976	-1.0444	-0.3271	-7.76E-4	-3.36E-5	7.32E-5
	CC15	-0.0807	-1.0353	-0.2186	-7.74E-4	2.40E-4	1.07E-4
	CC16	-0.1311	-1.3311	-0.2509	-9.37E-4	3.49E-4	2.52E-4
433	CC1	0.5925	-1.0681	-0.1102	-1.15E-3	-5.98E-4	-5.52E-4
	CC2	0.5730	-0.9069	-0.1074	-9.77E-4	-5.81E-4	-4.83E-4
	CC3	0.6013	-1.6982	-0.1218	-1.82E-3	-6.10E-4	-4.74E-4
	CC4	0.5818	-1.5370	-0.1191	-1.65E-3	-5.93E-4	-4.05E-4
	CC5	-0.5651	1.5082	-0.0663	1.61E-3	5.29E-4	3.88E-4
	CC6	-0.5846	1.6694	-0.0636	1.78E-3	5.46E-4	4.57E-4
	CC7	-0.5562	0.8781	-0.0779	9.35E-4	5.17E-4	4.66E-4
	CC8	-0.5758	1.0393	-0.0752	1.11E-3	5.34E-4	5.35E-4
	CC9	0.1996	0.3825	-0.0844	4.00E-4	-2.09E-4	-3.93E-4
	CC10	0.1350	0.9163	-0.0753	9.69E-4	-1.54E-4	-1.65E-4
	CC11	-0.1476	1.1554	-0.0713	1.23E-3	1.29E-4	-1.11E-4
	CC12	-0.2123	1.6891	-0.0622	1.80E-3	1.85E-4	1.17E-4
	CC13	0.2291	-1.7179	-0.1232	-1.84E-3	-2.49E-4	-1.34E-4
	CC14	0.1644	-1.1842	-0.1141	-1.27E-3	-1.93E-4	9.40E-5
	CC15	-0.1182	-0.9450	-0.1100	-1.01E-3	8.94E-5	1.48E-4
	CC16	-0.1829	-0.4113	-0.1010	-4.42E-4	1.45E-4	3.76E-4
434	CC1	0.5698	-1.0680	-0.0019	-1.11E-3	-5.69E-4	-5.53E-4
	CC2	0.5568	-0.9067	-0.0154	-9.45E-4	-5.58E-4	-4.84E-4
	CC3	0.5860	-1.6981	0.0501	-1.76E-3	-5.91E-4	-4.75E-4
	CC4	0.5731	-1.5369	0.0366	-1.60E-3	-5.79E-4	-4.06E-4
	CC5	-0.5583	1.5083	-0.2182	1.56E-3	5.26E-4	3.87E-4
	CC6	-0.5712	1.6695	-0.2317	1.73E-3	5.38E-4	4.55E-4
	CC7	-0.5420	0.8782	-0.1662	9.08E-4	5.05E-4	4.64E-4
	CC8	-0.5549	1.0394	-0.1797	1.07E-3	5.17E-4	5.33E-4
	CC9	0.1709	0.3826	-0.1227	3.90E-4	-1.75E-4	-3.94E-4
	CC10	0.1281	0.9164	-0.1673	9.42E-4	-1.36E-4	-1.66E-4
	CC11	-0.1675	1.1555	-0.1876	1.19E-3	1.54E-4	-1.12E-4

	CC12	-0.2103	1.6893	-0.2322	1.74E-3	1.93E-4	1.15E-4
	CC13	0.2252	-1.7178	0.0506	-1.78E-3	-2.46E-4	-1.35E-4
	CC14	0.1824	-1.1840	0.0060	-1.23E-3	-2.07E-4	9.28E-5
	CC15	-0.1132	-0.9449	-0.0143	-9.80E-4	8.31E-5	1.47E-4
	CC16	-0.1560	-0.4112	-0.0589	-4.27E-4	1.22E-4	3.75E-4
435	CC1	0.5593	-0.9763	-0.2121	-1.16E-3	-6.54E-4	-4.87E-4
	CC2	0.5353	-0.8292	-0.1941	-9.79E-4	-6.28E-4	-4.26E-4
	CC3	0.5606	-1.5479	-0.2839	-1.91E-3	-6.68E-4	-4.12E-4
	CC4	0.5365	-1.4008	-0.2659	-1.73E-3	-6.42E-4	-3.50E-4
	CC5	-0.5247	1.3767	0.0759	1.69E-3	5.99E-4	3.54E-4
	CC6	-0.5487	1.5238	0.0939	1.87E-3	6.25E-4	4.15E-4
	CC7	-0.5234	0.8051	0.0040	9.41E-4	5.84E-4	4.29E-4
	CC8	-0.5475	0.9522	0.0221	1.12E-3	6.10E-4	4.91E-4
	CC9	0.2062	0.3441	-0.0483	5.03E-4	-2.28E-4	-3.52E-4
	CC10	0.1266	0.8311	0.0113	1.10E-3	-1.42E-4	-1.48E-4
	CC11	-0.1190	1.0500	0.0381	1.36E-3	1.47E-4	-1.00E-4
	CC12	-0.1986	1.5370	0.0977	1.95E-3	2.34E-4	1.04E-4
	CC13	0.2105	-1.5611	-0.2878	-1.99E-3	-2.77E-4	-1.00E-4
	CC14	0.1308	-1.0741	-0.2281	-1.39E-3	-1.91E-4	1.04E-4
	CC15	-0.1147	-0.8552	-0.2014	-1.14E-3	9.85E-5	1.52E-4
	CC16	-0.1944	-0.3682	-0.1417	-5.40E-4	1.85E-4	3.56E-4
436	CC1	0.5041	-0.8722	-0.2109	-1.19E-3	-6.65E-4	-4.43E-4
	CC2	0.4824	-0.7413	-0.1930	-1.00E-3	-6.37E-4	-3.87E-4
	CC3	0.5029	-1.3767	-0.2820	-1.95E-3	-6.83E-4	-3.76E-4
	CC4	0.4812	-1.2457	-0.2641	-1.77E-3	-6.55E-4	-3.20E-4
	CC5	-0.4724	1.2245	0.0750	1.74E-3	6.26E-4	3.23E-4
	CC6	-0.4941	1.3554	0.0929	1.92E-3	6.54E-4	3.80E-4
	CC7	-0.4736	0.7200	0.0039	9.76E-4	6.08E-4	3.90E-4
	CC8	-0.4953	0.8510	0.0218	1.16E-3	6.36E-4	4.46E-4
	CC9	0.1888	0.2989	-0.0485	5.16E-4	-2.24E-4	-3.18E-4
	CC10	0.1171	0.7324	0.0107	1.12E-3	-1.33E-4	-1.32E-4
	CC11	-0.1042	0.9279	0.0373	1.39E-3	1.63E-4	-8.79E-5
	CC12	-0.1759	1.3614	0.0965	2.00E-3	2.55E-4	9.79E-5
	CC13	0.1847	-1.3827	-0.2856	-2.03E-3	-2.84E-4	-9.47E-5
	CC14	0.1130	-0.9491	-0.2264	-1.42E-3	-1.93E-4	9.11E-5
	CC15	-0.1083	-0.7537	-0.1998	-1.15E-3	1.03E-4	1.35E-4
	CC16	-0.1800	-0.3201	-0.1406	-5.45E-4	1.95E-4	3.21E-4
437	CC1	0.4487	-0.7698	-0.2080	-1.16E-3	-6.52E-4	-3.99E-4
	CC2	0.4294	-0.6548	-0.1905	-9.80E-4	-6.27E-4	-3.48E-4
	CC3	0.4466	-1.2103	-0.2771	-1.89E-3	-6.61E-4	-3.41E-4
	CC4	0.4273	-1.0952	-0.2596	-1.71E-3	-6.35E-4	-2.90E-4
	CC5	-0.4212	1.0765	0.0714	1.68E-3	6.01E-4	2.93E-4
	CC6	-0.4405	1.1916	0.0888	1.86E-3	6.26E-4	3.44E-4
	CC7	-0.4233	0.6361	0.0022	9.47E-4	5.92E-4	3.51E-4
	CC8	-0.4426	0.7511	0.0197	1.12E-3	6.18E-4	4.02E-4
	CC9	0.1690	0.2574	-0.0498	4.92E-4	-2.33E-4	-2.83E-4
	CC10	0.1051	0.6383	0.0080	1.07E-3	-1.50E-4	-1.15E-4
	CC11	-0.0920	0.8113	0.0340	1.34E-3	1.43E-4	-7.53E-5
	CC12	-0.1559	1.1922	0.0919	1.93E-3	2.26E-4	9.28E-5
	CC13	0.1620	-1.2108	-0.2801	-1.96E-3	-2.61E-4	-8.97E-5
	CC14	0.0981	-0.8300	-0.2223	-1.38E-3	-1.78E-4	7.84E-5
	CC15	-0.0990	-0.6569	-0.1963	-1.11E-3	1.15E-4	1.18E-4
	CC16	-0.1629	-0.2761	-0.1385	-5.24E-4	1.98E-4	2.86E-4
438	CC1	0.5002	-0.9701	0.1042	-1.11E-3	-5.69E-4	-4.96E-4
	CC2	0.4944	-0.8240	0.0747	-9.41E-4	-5.66E-4	-4.33E-4
	CC3	0.5218	-1.5374	0.2196	-1.83E-3	-5.90E-4	-4.24E-4
	CC4	0.5160	-1.3914	0.1901	-1.66E-3	-5.87E-4	-3.61E-4
	CC5	-0.5061	1.3667	-0.3677	1.62E-3	5.53E-4	3.59E-4
	CC6	-0.5120	1.5127	-0.3972	1.79E-3	5.56E-4	4.21E-4
	CC7	-0.4845	0.7993	-0.2523	8.99E-4	5.32E-4	4.31E-4
	CC8	-0.4904	0.9453	-0.2818	1.07E-3	5.35E-4	4.93E-4
	CC9	0.1296	0.3410	-0.1615	4.81E-4	-1.56E-4	-3.53E-4
	CC10	0.1101	0.8245	-0.2592	1.05E-3	-1.45E-4	-1.46E-4
	CC11	-0.1723	1.0420	-0.3031	1.30E-3	1.81E-4	-9.66E-5
	CC12	-0.1918	1.5255	-0.4008	1.87E-3	1.91E-4	1.11E-4
	CC13	0.2016	-1.5502	0.2232	-1.91E-3	-2.25E-4	-1.13E-4
	CC14	0.1822	-1.0667	0.1255	-1.34E-3	-2.15E-4	9.41E-5
	CC15	-0.1003	-0.8492	0.0816	-1.09E-3	1.12E-4	1.43E-4
	CC16	-0.1197	-0.3657	-0.0161	-5.22E-4	1.22E-4	3.50E-4
439	CC1	0.4514	-0.8717	0.1031	-1.11E-3	-5.83E-4	-4.46E-4
	CC2	0.4458	-0.7408	0.0739	-9.44E-4	-5.80E-4	-3.89E-4
	CC3	0.4718	-1.3758	0.2172	-1.83E-3	-6.04E-4	-3.79E-4

	CC4	0.4662	-1.2449	0.1880	-1.66E-3	-6.01E-4	-3.23E-4
	CC5	-0.4589	1.2238	-0.3652	1.62E-3	5.73E-4	3.22E-4
	CC6	-0.4646	1.3547	-0.3944	1.79E-3	5.76E-4	3.78E-4
	CC7	-0.4386	0.7197	-0.2510	9.03E-4	5.53E-4	3.88E-4
	CC8	-0.4442	0.8506	-0.2803	1.07E-3	5.56E-4	4.44E-4
	CC9	0.1156	0.2987	-0.1602	4.78E-4	-1.58E-4	-3.19E-4
	CC10	0.0969	0.7320	-0.2570	1.04E-3	-1.48E-4	-1.33E-4
	CC11	-0.1575	0.9273	-0.3006	1.30E-3	1.89E-4	-8.90E-5
	CC12	-0.1762	1.3606	-0.3975	1.86E-3	1.99E-4	9.76E-5
	CC13	0.1834	-1.3817	0.2203	-1.90E-3	-2.26E-4	-9.88E-5
	CC14	0.1648	-0.9484	0.1235	-1.34E-3	-2.17E-4	8.78E-5
	CC15	-0.0897	-0.7531	0.0798	-1.08E-3	1.21E-4	1.31E-4
	CC16	-0.1084	-0.3198	-0.0170	-5.18E-4	1.30E-4	3.18E-4
440	CC1	0.4023	-0.7745	0.1008	-1.11E-3	-5.89E-4	-3.97E-4
	CC2	0.3969	-0.6586	0.0720	-9.45E-4	-5.85E-4	-3.46E-4
	CC3	0.4213	-1.2182	0.2127	-1.82E-3	-6.15E-4	-3.36E-4
	CC4	0.4160	-1.1023	0.1839	-1.65E-3	-6.11E-4	-2.86E-4
	CC5	-0.4111	1.0847	-0.3606	1.61E-3	5.83E-4	2.86E-4
	CC6	-0.4165	1.2006	-0.3894	1.78E-3	5.87E-4	3.36E-4
	CC7	-0.3921	0.6411	-0.2487	9.06E-4	5.57E-4	3.46E-4
	CC8	-0.3975	0.7570	-0.2775	1.08E-3	5.61E-4	3.96E-4
	CC9	0.1016	0.2599	-0.1580	4.70E-4	-1.54E-4	-2.86E-4
	CC10	0.0839	0.6436	-0.2533	1.03E-3	-1.39E-4	-1.20E-4
	CC11	-0.1424	0.8177	-0.2964	1.29E-3	1.98E-4	-8.13E-5
	CC12	-0.1601	1.2013	-0.3917	1.85E-3	2.12E-4	8.49E-5
	CC13	0.1649	-1.2189	0.2150	-1.89E-3	-2.40E-4	-8.55E-5
	CC14	0.1473	-0.8352	0.1197	-1.33E-3	-2.26E-4	8.07E-5
	CC15	-0.0791	-0.6611	0.0766	-1.07E-3	1.11E-4	1.19E-4
	CC16	-0.0967	-0.2775	-0.0187	-5.09E-4	1.26E-4	2.85E-4
441	CC1	0.6178	-1.1030	-0.2174	-1.11E-3	-1.71E-4	-5.32E-4
	CC2	0.5910	-0.9373	-0.1986	-9.40E-4	-1.45E-4	-4.64E-4
	CC3	0.6187	-1.7281	-0.2972	-1.78E-3	-2.73E-4	-4.55E-4
	CC4	0.5918	-1.5624	-0.2784	-1.60E-3	-2.47E-4	-3.86E-4
	CC5	-0.5749	1.5343	0.0911	1.55E-3	2.39E-4	4.07E-4
	CC6	-0.6017	1.7000	0.1099	1.72E-3	2.65E-4	4.76E-4
	CC7	-0.5740	0.9092	0.0113	8.85E-4	1.36E-4	4.85E-4
	CC8	-0.6009	1.0750	0.0301	1.05E-3	1.63E-4	5.54E-4
	CC9	0.2304	0.3578	-0.0380	4.00E-4	6.17E-5	-3.74E-4
	CC10	0.1416	0.9064	0.0242	9.64E-4	1.48E-4	-1.46E-4
	CC11	-0.1274	1.1490	0.0545	1.20E-3	1.85E-4	-9.19E-5
	CC12	-0.2162	1.6976	0.1168	1.76E-3	2.71E-4	1.36E-4
	CC13	0.2332	-1.7257	-0.3041	-1.82E-3	-2.80E-4	-1.15E-4
	CC14	0.1443	-1.1771	-0.2418	-1.25E-3	-1.93E-4	1.13E-4
	CC15	-0.1246	-0.9345	-0.2115	-1.02E-3	-1.57E-4	1.67E-4
	CC16	-0.2135	-0.3859	-0.1493	-4.55E-4	-7.01E-5	3.95E-4
442	CC1	0.5633	-1.0335	0.1094	-1.18E-3	-6.50E-4	-4.60E-4
	CC2	0.5381	-0.8793	0.1291	-9.99E-4	-6.23E-4	-4.02E-4
	CC3	0.5621	-1.5912	0.0214	-1.89E-3	-6.63E-4	-3.66E-4
	CC4	0.5370	-1.4370	0.0410	-1.71E-3	-6.36E-4	-3.08E-4
	CC5	-0.5247	1.4131	-0.2253	1.67E-3	5.91E-4	3.08E-4
	CC6	-0.5498	1.5673	-0.2057	1.85E-3	6.17E-4	3.66E-4
	CC7	-0.5258	0.8554	-0.3134	9.61E-4	5.78E-4	4.02E-4
	CC8	-0.5509	1.0096	-0.2938	1.14E-3	6.04E-4	4.60E-4
	CC9	0.2128	0.2953	0.0723	4.34E-4	-2.31E-4	-3.67E-4
	CC10	0.1297	0.8057	0.1374	1.03E-3	-1.44E-4	-1.76E-4
	CC11	-0.1136	1.0293	-0.0281	1.29E-3	1.41E-4	-1.37E-4
	CC12	-0.1967	1.5397	0.0369	1.89E-3	2.29E-4	5.46E-5
	CC13	0.2090	-1.5637	-0.2213	-1.92E-3	-2.74E-4	-5.47E-5
	CC14	0.1259	-1.0533	-0.1562	-1.33E-3	-1.87E-4	1.37E-4
	CC15	-0.1173	-0.8297	-0.3217	-1.07E-3	9.79E-5	1.76E-4
	CC16	-0.2005	-0.3193	-0.2566	-4.71E-4	1.86E-4	3.67E-4
443	CC1	0.5077	-0.9285	0.1085	-1.20E-3	-6.62E-4	-4.26E-4
	CC2	0.4850	-0.7903	0.1279	-1.02E-3	-6.34E-4	-3.71E-4
	CC3	0.5055	-1.4238	0.0213	-1.91E-3	-6.77E-4	-3.50E-4
	CC4	0.4828	-1.2856	0.0407	-1.73E-3	-6.49E-4	-2.95E-4
	CC5	-0.4742	1.2649	-0.2248	1.70E-3	6.10E-4	2.96E-4
	CC6	-0.4969	1.4031	-0.2053	1.88E-3	6.38E-4	3.51E-4
	CC7	-0.4764	0.7696	-0.3120	9.82E-4	5.96E-4	3.72E-4
	CC8	-0.4991	0.9078	-0.2925	1.16E-3	6.24E-4	4.27E-4
	CC9	0.1928	0.2574	0.0710	4.35E-4	-2.32E-4	-3.25E-4
	CC10	0.1177	0.7149	0.1356	1.04E-3	-1.39E-4	-1.45E-4
	CC11	-0.1017	0.9154	-0.0289	1.30E-3	1.50E-4	-1.09E-4



	CC12	-0.1769	1.3729	0.0356	1.91E-3	2.42E-4	7.17E-5
	CC13	0.1855	-1.3936	-0.2196	-1.94E-3	-2.81E-4	-7.07E-5
	CC14	0.1103	-0.9362	-0.1551	-1.34E-3	-1.88E-4	1.10E-4
	CC15	-0.1091	-0.7356	-0.3196	-1.07E-3	1.01E-4	1.46E-4
444	CC16	-0.1842	-0.2782	-0.2551	-4.70E-4	1.94E-4	3.26E-4
	CC1	0.4532	-0.8252	0.1067	-1.17E-3	-6.42E-4	-3.94E-4
	CC2	0.4328	-0.7028	0.1259	-9.90E-4	-6.20E-4	-3.43E-4
	CC3	0.4504	-1.2606	0.0210	-1.86E-3	-6.27E-4	-3.35E-4
	CC4	0.4300	-1.1382	0.0402	-1.68E-3	-6.05E-4	-2.84E-4
	CC5	-0.4248	1.1206	-0.2236	1.65E-3	5.64E-4	2.86E-4
	CC6	-0.4452	1.2430	-0.2044	1.82E-3	5.86E-4	3.37E-4
	CC7	-0.4277	0.6852	-0.3093	9.55E-4	5.79E-4	3.45E-4
	CC8	-0.4481	0.8076	-0.2901	1.13E-3	6.01E-4	3.96E-4
	CC9	0.1728	0.2225	0.0689	4.22E-4	-2.64E-4	-2.83E-4
	CC10	0.1052	0.6276	0.1325	1.00E-3	-1.90E-4	-1.15E-4
	CC11	-0.0907	0.8062	-0.0302	1.27E-3	9.82E-5	-7.91E-5
	CC12	-0.1582	1.2113	0.0334	1.85E-3	1.71E-4	8.87E-5
	CC13	0.1633	-1.2289	-0.2168	-1.88E-3	-2.12E-4	-8.62E-5
	CC14	0.0958	-0.8239	-0.1532	-1.30E-3	-1.39E-4	8.16E-5
	CC15	-0.1001	-0.6452	-0.3159	-1.04E-3	1.49E-4	1.18E-4
	CC16	-0.1676	-0.2401	-0.2523	-4.57E-4	2.23E-4	2.86E-4
445	CC1	0.5504	-1.1030	0.1005	-1.12E-3	-1.72E-4	-5.34E-4
	CC2	0.5434	-0.9373	0.0717	-9.49E-4	-1.46E-4	-4.66E-4
	CC3	0.5733	-1.7280	0.2108	-1.82E-3	-2.79E-4	-4.57E-4
	CC4	0.5663	-1.5623	0.1821	-1.64E-3	-2.52E-4	-3.88E-4
	CC5	-0.5531	1.5344	-0.3580	1.60E-3	2.45E-4	4.05E-4
	CC6	-0.5601	1.7001	-0.3867	1.77E-3	2.72E-4	4.74E-4
	CC7	-0.5301	0.9093	-0.2476	9.03E-4	1.39E-4	4.83E-4
	CC8	-0.5371	1.0750	-0.2764	1.08E-3	1.65E-4	5.52E-4
	CC9	0.1455	0.3579	-0.1555	4.40E-4	6.75E-5	-3.76E-4
	CC10	0.1223	0.9065	-0.2508	1.02E-3	1.56E-4	-1.48E-4
	CC11	-0.1856	1.1491	-0.2930	1.26E-3	1.93E-4	-9.40E-5
	CC12	-0.2088	1.6977	-0.3883	1.83E-3	2.81E-4	1.34E-4
	CC13	0.2220	-1.7257	0.2124	-1.88E-3	-2.88E-4	-1.17E-4
	CC14	0.1988	-1.1771	0.1171	-1.30E-3	-2.00E-4	1.11E-4
	CC15	-0.1090	-0.9344	0.0749	-1.06E-3	-1.63E-4	1.65E-4
	CC16	-0.1322	-0.3859	-0.0204	-4.85E-4	-7.45E-5	3.93E-4
446	CC1	0.5036	-1.0332	0.0987	-1.18E-3	-5.68E-4	-4.83E-4
	CC2	0.4964	-0.8791	0.0706	-9.98E-4	-5.63E-4	-4.21E-4
	CC3	0.5242	-1.5908	0.2040	-1.88E-3	-5.90E-4	-4.07E-4
	CC4	0.5169	-1.4366	0.1759	-1.70E-3	-5.85E-4	-3.45E-4
	CC5	-0.5069	1.4128	-0.3499	1.67E-3	5.50E-4	3.48E-4
	CC6	-0.5142	1.5669	-0.3779	1.85E-3	5.56E-4	4.11E-4
	CC7	-0.4864	0.8552	-0.2446	9.60E-4	5.29E-4	4.24E-4
	CC8	-0.4936	1.0094	-0.2726	1.14E-3	5.34E-4	4.86E-4
	CC9	0.1343	0.2953	-0.1487	4.34E-4	-1.58E-4	-3.53E-4
	CC10	0.1104	0.8055	-0.2417	1.03E-3	-1.39E-4	-1.46E-4
	CC11	-0.1688	1.0291	-0.2833	1.29E-3	1.78E-4	-1.03E-4
	CC12	-0.1928	1.5394	-0.3762	1.88E-3	1.96E-4	1.03E-4
	CC13	0.2028	-1.5632	0.2023	-1.92E-3	-2.30E-4	-1.00E-4
	CC14	0.1788	-1.0529	0.1094	-1.33E-3	-2.12E-4	1.07E-4
	CC15	-0.1004	-0.8294	0.0677	-1.07E-3	1.05E-4	1.49E-4
	CC16	-0.1243	-0.3191	-0.0252	-4.72E-4	1.24E-4	3.56E-4
447	CC1	0.4548	-0.9283	0.0979	-1.19E-3	-5.84E-4	-4.32E-4
	CC2	0.4480	-0.7902	0.0700	-1.01E-3	-5.80E-4	-3.76E-4
	CC3	0.4742	-1.4236	0.2023	-1.90E-3	-6.01E-4	-3.60E-4
	CC4	0.4673	-1.2854	0.1744	-1.72E-3	-5.97E-4	-3.04E-4
	CC5	-0.4602	1.2648	-0.3482	1.68E-3	5.66E-4	3.06E-4
	CC6	-0.4671	1.4030	-0.3761	1.86E-3	5.70E-4	3.62E-4
	CC7	-0.4408	0.7696	-0.2438	9.71E-4	5.49E-4	3.78E-4
	CC8	-0.4477	0.9077	-0.2717	1.15E-3	5.53E-4	4.34E-4
	CC9	0.1198	0.2574	-0.1479	4.31E-4	-1.67E-4	-3.22E-4
	CC10	0.0972	0.7148	-0.2402	1.03E-3	-1.53E-4	-1.37E-4
	CC11	-0.1547	0.9153	-0.2817	1.29E-3	1.78E-4	-1.01E-4
	CC12	-0.1773	1.3727	-0.3740	1.89E-3	1.92E-4	8.47E-5
	CC13	0.1845	-1.3933	0.2003	-1.93E-3	-2.22E-4	-8.27E-5
	CC14	0.1618	-0.9360	0.1079	-1.33E-3	-2.09E-4	1.03E-4
	CC15	-0.0900	-0.7354	0.0664	-1.07E-3	1.22E-4	1.39E-4
	CC16	-0.1127	-0.2780	-0.0259	-4.68E-4	1.36E-4	3.24E-4
448	CC1	0.4056	-0.8251	0.0967	-1.16E-3	-5.96E-4	-3.77E-4
	CC2	0.3992	-0.7027	0.0690	-9.87E-4	-5.88E-4	-3.29E-4
	CC3	0.4236	-1.2605	0.1998	-1.85E-3	-6.27E-4	-3.08E-4

	CC4	0.4173	-1.1382	0.1722	-1.68E-3	-6.18E-4	-2.59E-4
	CC5	-0.4128	1.1208	-0.3457	1.64E-3	5.88E-4	2.61E-4
	CC6	-0.4191	1.2431	-0.3733	1.82E-3	5.96E-4	3.09E-4
	CC7	-0.3947	0.6853	-0.2426	9.51E-4	5.58E-4	3.30E-4
	CC8	-0.4011	0.8077	-0.2702	1.13E-3	5.66E-4	3.79E-4
	CC9	0.1054	0.2226	-0.1465	4.21E-4	-1.55E-4	-2.91E-4
	CC10	0.0843	0.6277	-0.2380	1.00E-3	-1.28E-4	-1.31E-4
	CC11	-0.1401	0.8064	-0.2792	1.26E-3	2.01E-4	-9.96E-5
	CC12	-0.1612	1.2115	-0.3707	1.84E-3	2.27E-4	6.06E-5
	CC13	0.1657	-1.2289	0.1972	-1.88E-3	-2.57E-4	-5.90E-5
	CC14	0.1446	-0.8238	0.1057	-1.30E-3	-2.31E-4	1.01E-4
	CC15	-0.0798	-0.6451	0.0645	-1.04E-3	9.79E-5	1.32E-4
	CC16	-0.1009	-0.2400	-0.0270	-4.57E-4	1.25E-4	2.93E-4
449	CC1	0.6079	0.0170	0.0273	-2.76E-5	1.63E-4	-5.37E-4
	CC2	0.5817	0.0401	0.0236	-1.34E-5	1.57E-4	-4.68E-4
	CC3	0.6094	-0.7690	0.0123	-4.14E-4	1.72E-4	-4.59E-4
	CC4	0.5832	-0.7459	0.0086	-3.99E-4	1.66E-4	-3.90E-4
	CC5	-0.5814	0.7087	-0.2279	2.92E-4	-1.23E-4	4.03E-4
	CC6	-0.6075	0.7319	-0.2316	3.06E-4	-1.29E-4	4.72E-4
	CC7	-0.5799	-0.0773	-0.2429	-9.41E-5	-1.14E-4	4.80E-4
	CC8	-0.6061	-0.0542	-0.2466	-7.99E-5	-1.20E-4	5.49E-4
	CC9	0.2201	1.1495	-0.0402	5.18E-4	5.93E-5	-3.78E-4
	CC10	0.1336	1.2260	-0.0524	5.65E-4	4.02E-5	-1.50E-4
	CC11	-0.1366	1.3570	-0.1168	6.14E-4	-2.64E-5	-9.64E-5
	CC12	-0.2232	1.4335	-0.1290	6.61E-4	-4.55E-5	1.32E-4
	CC13	0.2250	-1.4707	-0.0903	-7.68E-4	8.85E-5	-1.19E-4
	CC14	0.1385	-1.3942	-0.1025	-7.21E-4	6.94E-5	1.09E-4
	CC15	-0.1317	-1.2632	-0.1668	-6.73E-4	2.86E-6	1.63E-4
	CC16	-0.2183	-1.1866	-0.1790	-6.25E-4	-1.62E-5	3.91E-4
450	CC1	0.6080	0.0856	0.0205	2.27E-6	-3.21E-4	-5.38E-4
	CC2	0.5819	0.1000	0.0171	1.23E-5	-3.08E-4	-4.69E-4
	CC3	0.6095	-0.7103	0.0046	-3.68E-4	-3.31E-4	-4.60E-4
	CC4	0.5833	-0.6960	0.0012	-3.58E-4	-3.18E-4	-3.92E-4
	CC5	-0.5813	0.6574	-0.2167	2.54E-4	3.30E-4	4.01E-4
	CC6	-0.6074	0.6717	-0.2200	2.64E-4	3.44E-4	4.70E-4
	CC7	-0.5798	-0.1386	-0.2326	-1.17E-4	3.21E-4	4.79E-4
	CC8	-0.6059	-0.1242	-0.2359	-1.07E-4	3.34E-4	5.48E-4
	CC9	0.2203	1.1978	-0.0401	5.11E-4	-9.76E-5	-3.80E-4
	CC10	0.1337	1.2453	-0.0512	5.44E-4	-5.32E-5	-1.52E-4
	CC11	-0.1365	1.3694	-0.1112	5.87E-4	9.79E-5	-9.77E-5
	CC12	-0.2231	1.4168	-0.1224	6.20E-4	1.42E-4	1.30E-4
	CC13	0.2252	-1.4554	-0.0931	-7.24E-4	-1.30E-4	-1.20E-4
	CC14	0.1386	-1.4080	-0.1042	-6.91E-4	-8.52E-5	1.08E-4
	CC15	-0.1316	-1.2839	-0.1642	-6.49E-4	6.59E-5	1.62E-4
	CC16	-0.2182	-1.2364	-0.1754	-6.16E-4	1.10E-4	3.89E-4
451	CC1	0.6081	0.1221	-0.0068	1.01E-5	-4.84E-4	-5.39E-4
	CC2	0.5820	0.1317	-0.0090	1.63E-5	-4.64E-4	-4.70E-4
	CC3	0.6096	-0.6791	-0.0234	-3.25E-4	-4.98E-4	-4.61E-4
	CC4	0.5835	-0.6695	-0.0256	-3.19E-4	-4.78E-4	-3.92E-4
	CC5	-0.5811	0.6303	-0.1895	2.12E-4	4.78E-4	4.01E-4
	CC6	-0.6073	0.6399	-0.1917	2.18E-4	4.98E-4	4.70E-4
	CC7	-0.5797	-0.1710	-0.2060	-1.23E-4	4.64E-4	4.79E-4
	CC8	-0.6058	-0.1613	-0.2082	-1.17E-4	4.84E-4	5.48E-4
	CC9	0.2204	1.2236	-0.0490	4.65E-4	-1.55E-4	-3.80E-4
	CC10	0.1338	1.2555	-0.0562	4.85E-4	-8.85E-5	-1.52E-4
	CC11	-0.1364	1.3760	-0.1038	5.25E-4	1.34E-4	-9.82E-5
	CC12	-0.2230	1.4080	-0.1111	5.46E-4	2.00E-4	1.30E-4
	CC13	0.2253	-1.4472	-0.1040	-6.53E-4	-2.00E-4	-1.21E-4
	CC14	0.1387	-1.4152	-0.1113	-6.32E-4	-1.34E-4	1.07E-4
	CC15	-0.1315	-1.2948	-0.1588	-5.92E-4	8.85E-5	1.61E-4
	CC16	-0.2181	-1.2628	-0.1661	-5.72E-4	1.54E-4	3.89E-4
452	CC1	0.5705	-0.0365	0.0235	-6.52E-5	-6.39E-4	-4.88E-4
	CC2	0.5459	-0.0082	0.0199	-3.08E-5	-6.14E-4	-4.25E-4
	CC3	0.5716	-0.7653	0.0098	-7.73E-4	-6.49E-4	-4.16E-4
	CC4	0.5470	-0.7369	0.0062	-7.39E-4	-6.24E-4	-3.53E-4
	CC5	-0.5432	0.7090	-0.2290	6.70E-4	6.21E-4	3.65E-4
	CC6	-0.5678	0.7374	-0.2326	7.05E-4	6.47E-4	4.28E-4
	CC7	-0.5421	-0.0197	-0.2427	-3.77E-5	6.11E-4	4.37E-4
	CC8	-0.5667	0.0086	-0.2463	-3.29E-6	6.36E-4	5.00E-4
	CC9	0.2079	1.0418	-0.0447	9.79E-4	-2.15E-4	-3.45E-4
	CC10	0.1264	1.1357	-0.0567	1.09E-3	-1.31E-4	-1.38E-4
	CC11	-0.1262	1.2655	-0.1204	1.20E-3	1.63E-4	-8.94E-5

	CC12	-0.2077	1.3594	-0.1324	1.31E-3	2.47E-4	1.18E-4
	CC13	0.2115	-1.3873	-0.0904	-1.38E-3	-2.50E-4	-1.06E-4
	CC14	0.1300	-1.2934	-0.1024	-1.27E-3	-1.66E-4	1.01E-4
	CC15	-0.1226	-1.1636	-0.1661	-1.16E-3	1.28E-4	1.50E-4
	CC16	-0.2041	-1.0697	-0.1781	-1.05E-3	2.12E-4	3.57E-4
453	CC1	0.5053	-0.0307	0.0228	-6.26E-5	-8.31E-4	-4.39E-4
	CC2	0.4833	-0.0058	0.0192	-1.98E-5	-7.98E-4	-3.83E-4
	CC3	0.5064	-0.6867	0.0094	-9.91E-4	-8.42E-4	-3.73E-4
	CC4	0.4844	-0.6618	0.0058	-9.48E-4	-8.10E-4	-3.16E-4
	CC5	-0.4821	0.6387	-0.2270	9.05E-4	7.84E-4	3.26E-4
	CC6	-0.5041	0.6636	-0.2306	9.48E-4	8.16E-4	3.82E-4
	CC7	-0.4810	-0.0173	-0.2404	-2.31E-5	7.72E-4	3.93E-4
	CC8	-0.5030	0.0076	-0.2440	1.98E-5	8.04E-4	4.49E-4
	CC9	0.1838	0.9402	-0.0448	1.31E-3	-2.89E-4	-3.14E-4
	CC10	0.1111	1.0225	-0.0567	1.45E-3	-1.82E-4	-1.28E-4
	CC11	-0.1124	1.1410	-0.1197	1.60E-3	1.96E-4	-8.49E-5
	CC12	-0.1852	1.2234	-0.1317	1.74E-3	3.02E-4	1.02E-4
	CC13	0.1874	-1.2465	-0.0895	-1.78E-3	-3.28E-4	-9.22E-5
	CC14	0.1147	-1.1641	-0.1014	-1.64E-3	-2.22E-4	9.47E-5
	CC15	-0.1088	-1.0457	-0.1644	-1.49E-3	1.56E-4	1.37E-4
	CC16	-0.1816	-0.9633	-0.1763	-1.35E-3	2.62E-4	3.24E-4
454	CC1	0.4401	-0.0238	0.0208	-4.23E-5	-7.08E-4	-3.92E-4
	CC2	0.4208	-0.0028	0.0173	2.11E-7	-6.80E-4	-3.41E-4
	CC3	0.4380	-0.5975	0.0077	-1.07E-3	-7.17E-4	-3.31E-4
	CC4	0.4188	-0.5764	0.0042	-1.03E-3	-6.90E-4	-2.80E-4
	CC5	-0.4187	0.5566	-0.2237	9.93E-4	6.73E-4	2.88E-4
	CC6	-0.4379	0.5777	-0.2272	1.04E-3	7.00E-4	3.38E-4
	CC7	-0.4207	-0.0170	-0.2367	-3.54E-5	6.63E-4	3.49E-4
	CC8	-0.4399	0.0040	-0.2402	7.10E-6	6.91E-4	3.99E-4
	CC9	0.1641	0.8243	-0.0455	1.47E-3	-2.46E-4	-2.83E-4
	CC10	0.1003	0.8940	-0.0571	1.61E-3	-1.55E-4	-1.17E-4
	CC11	-0.0935	0.9985	-0.1188	1.78E-3	1.68E-4	-7.90E-5
	CC12	-0.1573	1.0682	-0.1304	1.92E-3	2.60E-4	8.72E-5
	CC13	0.1574	-1.0879	-0.0890	-1.96E-3	-2.77E-4	-7.96E-5
	CC14	0.0936	-1.0183	-0.1006	-1.82E-3	-1.85E-4	8.66E-5
	CC15	-0.1002	-0.9138	-0.1623	-1.65E-3	1.38E-4	1.24E-4
	CC16	-0.1640	-0.8441	-0.1740	-1.51E-3	2.29E-4	2.91E-4
455	CC1	0.5548	0.1521	-0.0414	1.04E-4	-6.38E-4	-4.95E-4
	CC2	0.5307	0.1565	-0.0422	1.15E-4	-6.13E-4	-4.32E-4
	CC3	0.5559	-0.6106	-0.0576	-5.95E-4	-6.48E-4	-4.23E-4
	CC4	0.5318	-0.6062	-0.0583	-5.84E-4	-6.23E-4	-3.60E-4
	CC5	-0.5299	0.5745	-0.1563	5.11E-4	6.15E-4	3.67E-4
	CC6	-0.5539	0.5788	-0.1570	5.22E-4	6.40E-4	4.31E-4
	CC7	-0.5288	-0.1883	-0.1724	-1.88E-4	6.05E-4	4.40E-4
	CC8	-0.5528	-0.1839	-0.1732	-1.76E-4	6.30E-4	5.03E-4
	CC9	0.2016	1.1847	-0.0619	1.05E-3	-2.17E-4	-3.51E-4
	CC10	0.1220	1.1993	-0.0644	1.09E-3	-1.34E-4	-1.42E-4
	CC11	-0.1238	1.3114	-0.0963	1.17E-3	1.59E-4	-9.23E-5
	CC12	-0.2034	1.3260	-0.0989	1.21E-3	2.42E-4	1.17E-4
	CC13	0.2053	-1.3578	-0.1157	-1.28E-3	-2.50E-4	-1.09E-4
	CC14	0.1257	-1.3432	-0.1183	-1.24E-3	-1.68E-4	1.00E-4
	CC15	-0.1201	-1.2311	-0.1502	-1.16E-3	1.25E-4	1.50E-4
	CC16	-0.1997	-1.2165	-0.1527	-1.12E-3	2.08E-4	3.59E-4
456	CC1	0.4999	0.1399	-0.0419	1.66E-4	-6.48E-4	-4.48E-4
	CC2	0.4781	0.1431	-0.0427	1.80E-4	-6.22E-4	-3.91E-4
	CC3	0.5013	-0.5480	-0.0574	-8.13E-4	-6.58E-4	-3.81E-4
	CC4	0.4795	-0.5448	-0.0582	-7.99E-4	-6.33E-4	-3.24E-4
	CC5	-0.4783	0.5183	-0.1555	7.49E-4	6.25E-4	3.30E-4
	CC6	-0.5001	0.5215	-0.1563	7.64E-4	6.50E-4	3.87E-4
	CC7	-0.4769	-0.1697	-0.1710	-2.30E-4	6.14E-4	3.97E-4
	CC8	-0.4987	-0.1664	-0.1718	-2.15E-4	6.40E-4	4.55E-4
	CC9	0.1810	1.0712	-0.0627	1.50E-3	-2.19E-4	-3.20E-4
	CC10	0.1088	1.0819	-0.0652	1.54E-3	-1.35E-4	-1.31E-4
	CC11	-0.1124	1.1847	-0.0968	1.67E-3	1.63E-4	-8.65E-5
	CC12	-0.1847	1.1954	-0.0993	1.72E-3	2.46E-4	1.03E-4
	CC13	0.1859	-1.2219	-0.1144	-1.77E-3	-2.54E-4	-9.61E-5
	CC14	0.1137	-1.2112	-0.1169	-1.72E-3	-1.71E-4	9.32E-5
	CC15	-0.1076	-1.1084	-0.1485	-1.59E-3	1.27E-4	1.37E-4
	CC16	-0.1798	-1.0977	-0.1510	-1.55E-3	2.11E-4	3.27E-4
457	CC1	0.4477	0.1256	-0.0421	2.11E-4	-6.37E-4	-3.97E-4
	CC2	0.4281	0.1276	-0.0428	2.23E-4	-6.12E-4	-3.47E-4
	CC3	0.4456	-0.4746	-0.0570	-8.96E-4	-6.47E-4	-3.36E-4

	CC4	0.4260	-0.4726	-0.0577	-8.83E-4	-6.22E-4	-2.85E-4
	CC5	-0.4255	0.4500	-0.1548	8.42E-4	6.15E-4	2.91E-4
	CC6	-0.4451	0.4520	-0.1556	8.54E-4	6.40E-4	3.41E-4
	CC7	-0.4275	-0.1502	-0.1697	-2.65E-4	6.05E-4	3.52E-4
	CC8	-0.4471	-0.1482	-0.1705	-2.52E-4	6.30E-4	4.03E-4
	CC9	0.1671	0.9372	-0.0632	1.71E-3	-2.16E-4	-2.86E-4
	CC10	0.1022	0.9438	-0.0658	1.75E-3	-1.33E-4	-1.19E-4
	CC11	-0.0949	1.0345	-0.0971	1.90E-3	1.60E-4	-8.00E-5
	CC12	-0.1597	1.0411	-0.0996	1.94E-3	2.42E-4	8.76E-5
	CC13	0.1603	-1.0637	-0.1130	-1.98E-3	-2.49E-4	-8.24E-5
	CC14	0.0954	-1.0571	-0.1155	-1.94E-3	-1.66E-4	8.53E-5
	CC15	-0.1017	-0.9664	-0.1468	-1.79E-3	1.27E-4	1.24E-4
	CC16	-0.1665	-0.9598	-0.1493	-1.75E-3	2.09E-4	2.92E-4
458	CC1	0.6083	0.2075	-0.0812	3.20E-5	-5.11E-4	-5.41E-4
	CC2	0.5822	0.2063	-0.0801	3.34E-5	-4.91E-4	-4.72E-4
	CC3	0.6098	-0.6060	-0.0970	-3.27E-4	-4.97E-4	-4.63E-4
	CC4	0.5837	-0.6073	-0.0959	-3.26E-4	-4.76E-4	-3.95E-4
	CC5	-0.5807	0.5669	-0.1201	2.25E-4	4.68E-4	3.98E-4
	CC6	-0.6068	0.5656	-0.1190	2.26E-4	4.88E-4	4.67E-4
	CC7	-0.5792	-0.2467	-0.1359	-1.35E-4	4.82E-4	4.76E-4
	CC8	-0.6053	-0.2479	-0.1348	-1.33E-4	5.02E-4	5.45E-4
	CC9	0.2206	1.2839	-0.0777	5.17E-4	-2.09E-4	-3.83E-4
	CC10	0.1341	1.2798	-0.0740	5.22E-4	-1.42E-4	-1.55E-4
	CC11	-0.1362	1.3917	-0.0893	5.75E-4	8.50E-5	-1.01E-4
	CC12	-0.2226	1.3876	-0.0856	5.80E-4	1.52E-4	1.27E-4
	CC13	0.2256	-1.4279	-0.1304	-6.81E-4	-1.61E-4	-1.23E-4
	CC14	0.1392	-1.4321	-0.1267	-6.76E-4	-9.37E-5	1.05E-4
	CC15	-0.1311	-1.3201	-0.1420	-6.23E-4	1.33E-4	1.58E-4
	CC16	-0.2176	-1.3243	-0.1383	-6.18E-4	2.00E-4	3.86E-4
459	CC1	0.6084	0.2567	-0.1409	5.45E-5	-5.10E-4	-5.43E-4
	CC2	0.5823	0.2492	-0.1379	5.53E-5	-4.90E-4	-4.74E-4
	CC3	0.6100	-0.5639	-0.1556	-3.53E-4	-5.02E-4	-4.65E-4
	CC4	0.5839	-0.5714	-0.1526	-3.52E-4	-4.82E-4	-3.96E-4
	CC5	-0.5805	0.5308	-0.0643	2.58E-4	4.69E-4	3.97E-4
	CC6	-0.6065	0.5234	-0.0613	2.59E-4	4.89E-4	4.66E-4
	CC7	-0.5789	-0.2898	-0.0789	-1.49E-4	4.77E-4	4.75E-4
	CC8	-0.6050	-0.2972	-0.0760	-1.48E-4	4.98E-4	5.43E-4
	CC9	0.2206	1.3187	-0.1003	6.00E-4	-2.01E-4	-3.84E-4
	CC10	0.1343	1.2939	-0.0906	6.02E-4	-1.33E-4	-1.56E-4
	CC11	-0.1361	1.4009	-0.0774	6.61E-4	9.32E-5	-1.02E-4
	CC12	-0.2224	1.3761	-0.0676	6.64E-4	1.61E-4	1.26E-4
	CC13	0.2258	-1.4167	-0.1493	-7.57E-4	-1.73E-4	-1.25E-4
	CC14	0.1395	-1.4415	-0.1395	-7.54E-4	-1.06E-4	1.03E-4
	CC15	-0.1309	-1.3344	-0.1263	-6.96E-4	1.21E-4	1.57E-4
	CC16	-0.2172	-1.3592	-0.1165	-6.93E-4	1.88E-4	3.85E-4
460	CC1	0.6085	0.3059	-0.1861	5.96E-5	-4.93E-4	-5.43E-4
	CC2	0.5824	0.2922	-0.1813	5.96E-5	-4.73E-4	-4.74E-4
	CC3	0.6101	-0.5217	-0.2002	-3.61E-4	-4.97E-4	-4.65E-4
	CC4	0.5840	-0.5355	-0.1954	-3.61E-4	-4.77E-4	-3.97E-4
	CC5	-0.5802	0.4949	-0.0231	2.72E-4	4.47E-4	3.96E-4
	CC6	-0.6062	0.4812	-0.0183	2.72E-4	4.66E-4	4.65E-4
	CC7	-0.5786	-0.3327	-0.0373	-1.48E-4	4.43E-4	4.74E-4
	CC8	-0.6046	-0.3465	-0.0325	-1.48E-4	4.62E-4	5.43E-4
	CC9	0.2206	1.3535	-0.1180	6.24E-4	-1.82E-4	-3.85E-4
	CC10	0.1345	1.3080	-0.1022	6.24E-4	-1.17E-4	-1.57E-4
	CC11	-0.1360	1.4102	-0.0692	6.88E-4	9.97E-5	-1.03E-4
	CC12	-0.2221	1.3647	-0.0533	6.88E-4	1.65E-4	1.25E-4
	CC13	0.2260	-1.4053	-0.1653	-7.77E-4	-1.95E-4	-1.25E-4
	CC14	0.1398	-1.4508	-0.1494	-7.77E-4	-1.30E-4	1.03E-4
	CC15	-0.1306	-1.3486	-0.1164	-7.13E-4	8.65E-5	1.56E-4
	CC16	-0.2168	-1.3941	-0.1005	-7.13E-4	1.52E-4	3.84E-4
461	CC1	0.5596	0.3378	-0.2287	2.57E-4	-6.49E-4	-4.99E-4
	CC2	0.5355	0.3183	-0.2223	2.48E-4	-6.24E-4	-4.36E-4
	CC3	0.5610	-0.4460	-0.2423	-4.87E-4	-6.59E-4	-4.25E-4
	CC4	0.5369	-0.4655	-0.2358	-4.96E-4	-6.33E-4	-3.62E-4
	CC5	-0.5361	0.4317	0.0145	4.28E-4	6.25E-4	3.63E-4
	CC6	-0.5603	0.4121	0.0210	4.19E-4	6.51E-4	4.26E-4
	CC7	-0.5347	-0.3521	0.0009	-3.16E-4	6.16E-4	4.37E-4
	CC8	-0.5588	-0.3717	0.0074	-3.25E-4	6.41E-4	5.00E-4
	CC9	0.2023	1.3077	-0.1353	1.19E-3	-2.22E-4	-3.57E-4
	CC10	0.1225	1.2430	-0.1138	1.16E-3	-1.37E-4	-1.47E-4
	CC11	-0.1265	1.3358	-0.0623	1.25E-3	1.61E-4	-9.85E-5

	CC12	-0.2063	1.2711	-0.0409	1.22E-3	2.45E-4	1.11E-4
	CC13	0.2070	-1.3050	-0.1805	-1.28E-3	-2.53E-4	-1.10E-4
	CC14	0.1272	-1.3697	-0.1590	-1.31E-3	-1.69E-4	9.95E-5
	CC15	-0.1217	-1.2768	-0.1075	-1.23E-3	1.29E-4	1.48E-4
	CC16	-0.2015	-1.3415	-0.0860	-1.26E-3	2.14E-4	3.58E-4
462	CC1	0.5015	0.3081	-0.2281	3.91E-4	-6.93E-4	-4.51E-4
	CC2	0.4798	0.2896	-0.2216	3.75E-4	-6.66E-4	-3.94E-4
	CC3	0.5032	-0.3997	-0.2413	-5.93E-4	-7.05E-4	-3.84E-4
	CC4	0.4815	-0.4182	-0.2348	-6.09E-4	-6.77E-4	-3.27E-4
	CC5	-0.4805	0.3898	0.0153	5.51E-4	6.86E-4	3.26E-4
	CC6	-0.5022	0.3714	0.0218	5.35E-4	7.14E-4	3.84E-4
	CC7	-0.4788	-0.3180	0.0022	-4.33E-4	6.75E-4	3.93E-4
	CC8	-0.5005	-0.3365	0.0086	-4.49E-4	7.02E-4	4.51E-4
	CC9	0.1810	1.1837	-0.1350	1.61E-3	-2.29E-4	-3.23E-4
	CC10	0.1090	1.1227	-0.1135	1.56E-3	-1.38E-4	-1.34E-4
	CC11	-0.1136	1.2083	-0.0620	1.66E-3	1.85E-4	-9.00E-5
	CC12	-0.1856	1.1473	-0.0404	1.61E-3	2.76E-4	9.94E-5
	CC13	0.1866	-1.1756	-0.1790	-1.67E-3	-2.67E-4	-9.99E-5
	CC14	0.1146	-1.2366	-0.1575	-1.72E-3	-1.76E-4	8.96E-5
	CC15	-0.1080	-1.1511	-0.1059	-1.62E-3	1.47E-4	1.33E-4
	CC16	-0.1800	-1.2121	-0.0844	-1.67E-3	2.38E-4	3.23E-4
463	CC1	0.4464	0.2723	-0.2252	4.60E-4	-6.61E-4	-4.00E-4
	CC2	0.4271	0.2555	-0.2187	4.39E-4	-6.35E-4	-3.49E-4
	CC3	0.4442	-0.3481	-0.2380	-6.41E-4	-6.73E-4	-3.40E-4
	CC4	0.4249	-0.3649	-0.2316	-6.63E-4	-6.47E-4	-2.89E-4
	CC5	-0.4233	0.3415	0.0139	6.07E-4	6.48E-4	2.87E-4
	CC6	-0.4426	0.3247	0.0203	5.86E-4	6.74E-4	3.38E-4
	CC7	-0.4254	-0.2790	0.0010	-4.94E-4	6.37E-4	3.47E-4
	CC8	-0.4448	-0.2958	0.0074	-5.16E-4	6.63E-4	3.98E-4
	CC9	0.1670	1.0397	-0.1339	1.82E-3	-2.20E-4	-2.89E-4
	CC10	0.1029	0.9842	-0.1126	1.75E-3	-1.34E-4	-1.21E-4
	CC11	-0.0939	1.0605	-0.0622	1.87E-3	1.73E-4	-8.25E-5
	CC12	-0.1580	1.0049	-0.0409	1.79E-3	2.59E-4	8.53E-5
	CC13	0.1597	-1.0284	-0.1768	-1.85E-3	-2.57E-4	-8.75E-5
	CC14	0.0956	-1.0839	-0.1555	-1.92E-3	-1.71E-4	8.03E-5
	CC15	-0.1012	-1.0076	-0.1051	-1.81E-3	1.36E-4	1.19E-4
	CC16	-0.1653	-1.0632	-0.0838	-1.88E-3	2.22E-4	2.86E-4
464	CC1	0.5287	0.1545	0.0131	4.47E-5	-4.80E-4	-5.34E-4
	CC2	0.5280	0.1600	0.0173	4.51E-5	-4.84E-4	-4.65E-4
	CC3	0.5587	-0.6514	-0.0366	3.81E-5	-4.09E-4	-4.57E-4
	CC4	0.5580	-0.6459	-0.0325	3.85E-5	-4.13E-4	-3.88E-4
	CC5	-0.5511	0.6061	-0.1610	-3.67E-5	3.94E-4	4.05E-4
	CC6	-0.5518	0.6117	-0.1569	-3.64E-5	3.91E-4	4.74E-4
	CC7	-0.5211	-0.1998	-0.2108	-4.33E-5	4.65E-4	4.83E-4
	CC8	-0.5218	-0.1942	-0.2067	-4.30E-5	4.62E-4	5.52E-4
	CC9	0.1167	1.2464	0.0055	2.35E-5	-2.53E-4	-3.76E-4
	CC10	0.1141	1.2647	0.0192	2.47E-5	-2.65E-4	-1.48E-4
	CC11	-0.2073	1.3819	-0.0468	-8.81E-7	9.50E-6	-9.39E-5
	CC12	-0.2098	1.4002	-0.0331	2.46E-7	-2.66E-6	1.34E-4
	CC13	0.2167	-1.4399	-0.1604	1.51E-6	-1.62E-5	-1.17E-4
	CC14	0.2142	-1.4217	-0.1467	2.64E-6	-2.84E-5	1.11E-4
	CC15	-0.1072	-1.3044	-0.2127	-2.29E-5	2.46E-4	1.65E-4
	CC16	-0.1098	-1.2862	-0.1990	-2.18E-5	2.34E-4	3.93E-4
465	CC1	0.5141	0.1507	-0.0028	4.87E-5	-5.23E-4	-5.31E-4
	CC2	0.5189	0.1567	0.0009	4.97E-5	-5.33E-4	-4.62E-4
	CC3	0.5504	-0.6546	0.0118	4.10E-5	-4.40E-4	-4.53E-4
	CC4	0.5551	-0.6486	0.0155	4.19E-5	-4.50E-4	-3.84E-4
	CC5	-0.5466	0.6094	-0.2038	-4.01E-5	4.30E-4	4.08E-4
	CC6	-0.5418	0.6154	-0.2001	-3.91E-5	4.20E-4	4.77E-4
	CC7	-0.5103	-0.1959	-0.1893	-4.78E-5	5.13E-4	4.86E-4
	CC8	-0.5055	-0.1899	-0.1855	-4.68E-5	5.03E-4	5.55E-4
	CC9	0.0950	1.2438	-0.0945	2.55E-5	-2.74E-4	-3.73E-4
	CC10	0.1109	1.2638	-0.0821	2.87E-5	-3.09E-4	-1.45E-4
	CC11	-0.2232	1.3814	-0.1548	-1.11E-6	1.20E-5	-9.06E-5
	CC12	-0.2073	1.4014	-0.1424	2.10E-6	-2.26E-5	1.37E-4
	CC13	0.2159	-1.4406	-0.0459	-2.48E-7	2.61E-6	-1.13E-4
	CC14	0.2318	-1.4206	-0.0335	2.97E-6	-3.19E-5	1.15E-4
	CC15	-0.1023	-1.3030	-0.1062	-2.69E-5	2.89E-4	1.69E-4
	CC16	-0.0864	-1.2830	-0.0938	-2.37E-5	2.54E-4	3.96E-4
466	CC1	0.5006	0.1468	-0.0167	5.42E-5	-5.82E-4	-5.30E-4
	CC2	0.5109	0.1534	-0.0134	5.58E-5	-5.99E-4	-4.61E-4
	CC3	0.5431	-0.6579	0.0613	4.47E-5	-4.80E-4	-4.52E-4

	CC4	0.5535	-0.6513	0.0646	4.63E-5	-4.98E-4	-3.84E-4
	CC5	-0.5429	0.6126	-0.2481	-4.42E-5	4.74E-4	4.09E-4
	CC6	-0.5326	0.6191	-0.2448	-4.25E-5	4.57E-4	4.78E-4
	CC7	-0.5004	-0.1922	-0.1702	-5.36E-5	5.76E-4	4.87E-4
	CC8	-0.4900	-0.1856	-0.1668	-5.20E-5	5.59E-4	5.56E-4
	CC9	0.0738	1.2412	-0.1925	2.89E-5	-3.11E-4	-3.72E-4
	CC10	0.1080	1.2628	-0.1815	3.43E-5	-3.68E-4	-1.44E-4
	CC11	-0.2392	1.3809	-0.2620	-5.64E-7	6.06E-6	-8.97E-5
	CC12	-0.2050	1.4026	-0.2509	4.76E-6	-5.11E-5	1.38E-4
	CC13	0.2156	-1.4413	0.0674	-2.58E-6	2.78E-5	-1.12E-4
	CC14	0.2498	-1.4196	0.0784	2.74E-6	-2.94E-5	1.16E-4
	CC15	-0.0975	-1.3016	-0.0021	-3.21E-5	3.45E-4	1.69E-4
	CC16	-0.0632	-1.2799	0.0090	-2.68E-5	2.88E-4	3.97E-4
467	CC1	0.5040	0.1465	0.0344	1.55E-4	-5.55E-4	-4.90E-4
	CC2	0.4980	0.1507	0.0389	1.68E-4	-5.51E-4	-4.28E-4
	CC3	0.5269	-0.5933	-0.0758	-7.55E-4	-5.71E-4	-4.17E-4
	CC4	0.5209	-0.5891	-0.0713	-7.42E-4	-5.67E-4	-3.55E-4
	CC5	-0.5173	0.5547	-0.1275	6.81E-4	5.45E-4	3.64E-4
	CC6	-0.5233	0.5589	-0.1230	6.93E-4	5.49E-4	4.27E-4
	CC7	-0.4944	-0.1851	-0.2378	-2.29E-4	5.29E-4	4.38E-4
	CC8	-0.5004	-0.1809	-0.2333	-2.17E-4	5.33E-4	5.00E-4
	CC9	0.1267	1.1475	0.1012	1.39E-3	-1.55E-4	-3.49E-4
	CC10	0.1069	1.1614	0.1161	1.43E-3	-1.44E-4	-1.42E-4
	CC11	-0.1797	1.2700	0.0526	1.54E-3	1.75E-4	-9.22E-5
	CC12	-0.1995	1.2839	0.0675	1.59E-3	1.86E-4	1.15E-4
	CC13	0.2032	-1.3183	-0.2663	-1.65E-3	-2.08E-4	-1.05E-4
	CC14	0.1833	-1.3044	-0.2514	-1.61E-3	-1.97E-4	1.02E-4
	CC15	-0.1032	-1.1959	-0.3149	-1.49E-3	1.22E-4	1.52E-4
	CC16	-0.1231	-1.1820	-0.3000	-1.45E-3	1.33E-4	3.58E-4
468	CC1	0.4523	0.1332	0.0351	1.60E-4	-6.49E-4	-4.42E-4
	CC2	0.4466	0.1362	0.0395	1.73E-4	-6.46E-4	-3.85E-4
	CC3	0.4743	-0.5263	-0.0760	-7.67E-4	-6.69E-4	-3.75E-4
	CC4	0.4686	-0.5232	-0.0716	-7.55E-4	-6.65E-4	-3.18E-4
	CC5	-0.4666	0.4941	-0.1262	6.97E-4	6.50E-4	3.28E-4
	CC6	-0.4723	0.4971	-0.1217	7.10E-4	6.54E-4	3.84E-4
	CC7	-0.4446	-0.1654	-0.2373	-2.31E-4	6.31E-4	3.95E-4
	CC8	-0.4503	-0.1624	-0.2328	-2.18E-4	6.34E-4	4.51E-4
	CC9	0.1116	1.0254	0.1032	1.42E-3	-1.76E-4	-3.15E-4
	CC10	0.0928	1.0355	0.1179	1.46E-3	-1.64E-4	-1.29E-4
	CC11	-0.1641	1.1336	0.0548	1.58E-3	2.14E-4	-8.43E-5
	CC12	-0.1829	1.1437	0.0695	1.62E-3	2.26E-4	1.02E-4
	CC13	0.1848	-1.1729	-0.2672	-1.68E-3	-2.42E-4	-9.23E-5
	CC14	0.1660	-1.1628	-0.2525	-1.63E-3	-2.29E-4	9.38E-5
	CC15	-0.0908	-1.0646	-0.3156	-1.52E-3	1.48E-4	1.39E-4
	CC16	-0.1096	-1.0545	-0.3009	-1.47E-3	1.61E-4	3.25E-4
469	CC1	0.3983	0.1208	0.0341	1.62E-4	-6.23E-4	-3.92E-4
	CC2	0.3930	0.1228	0.0383	1.73E-4	-6.18E-4	-3.42E-4
	CC3	0.4188	-0.4634	-0.0763	-7.34E-4	-6.56E-4	-3.32E-4
	CC4	0.4135	-0.4614	-0.0721	-7.23E-4	-6.51E-4	-2.82E-4
	CC5	-0.4125	0.4372	-0.1245	6.68E-4	6.43E-4	2.90E-4
	CC6	-0.4178	0.4392	-0.1203	6.79E-4	6.48E-4	3.40E-4
	CC7	-0.3920	-0.1470	-0.2349	-2.28E-4	6.10E-4	3.51E-4
	CC8	-0.3973	-0.1451	-0.2307	-2.17E-4	6.15E-4	4.01E-4
	CC9	0.0967	0.9109	0.1024	1.37E-3	-1.46E-4	-2.81E-4
	CC10	0.0792	0.9174	0.1166	1.41E-3	-1.30E-4	-1.16E-4
	CC11	-0.1465	1.0058	0.0548	1.52E-3	2.33E-4	-7.67E-5
	CC12	-0.1641	1.0123	0.0690	1.56E-3	2.50E-4	8.91E-5
	CC13	0.1650	-1.0366	-0.2656	-1.62E-3	-2.58E-4	-8.09E-5
	CC14	0.1475	-1.0300	-0.2514	-1.58E-3	-2.42E-4	8.49E-5
	CC15	-0.0782	-0.9417	-0.3132	-1.46E-3	1.22E-4	1.24E-4
	CC16	-0.0958	-0.9351	-0.2990	-1.43E-3	1.38E-4	2.90E-4
470	CC1	0.4359	0.1311	-0.0297	1.37E-4	-5.95E-4	-4.82E-4
	CC2	0.4498	0.1369	-0.0268	1.51E-4	-6.16E-4	-4.19E-4
	CC3	0.4877	-0.5969	0.1121	-7.23E-4	-5.71E-4	-3.73E-4
	CC4	0.5017	-0.5911	0.1150	-7.10E-4	-5.92E-4	-3.11E-4
	CC5	-0.4920	0.5576	-0.2937	6.52E-4	5.61E-4	3.29E-4
	CC6	-0.4780	0.5634	-0.2908	6.66E-4	5.40E-4	3.91E-4
	CC7	-0.4401	-0.1705	-0.1520	-2.08E-4	5.86E-4	4.38E-4
	CC8	-0.4262	-0.1646	-0.1491	-1.95E-4	5.65E-4	5.00E-4
	CC9	0.0345	1.1230	-0.2908	1.31E-3	-1.95E-4	-3.97E-4
	CC10	0.0807	1.1423	-0.2812	1.35E-3	-2.64E-4	-1.91E-4
	CC11	-0.2438	1.2509	-0.3700	1.46E-3	1.52E-4	-1.54E-4

	CC12	-0.1977	1.2702	-0.3604	1.51E-3	8.28E-5	5.24E-5
	CC13	0.2074	-1.3038	0.1817	-1.56E-3	-1.14E-4	-3.41E-5
	CC14	0.2535	-1.2845	0.1913	-1.52E-3	-1.83E-4	1.72E-4
	CC15	-0.0710	-1.1758	0.1024	-1.41E-3	2.33E-4	2.09E-4
	CC16	-0.0248	-1.1565	0.1121	-1.36E-3	1.64E-4	4.15E-4
471	CC1	0.3868	0.1199	-0.0294	1.46E-4	-5.67E-4	-4.39E-4
	CC2	0.3989	0.1245	-0.0263	1.59E-4	-5.87E-4	-3.83E-4
	CC3	0.4392	-0.5328	0.1122	-7.38E-4	-5.81E-4	-3.10E-4
	CC4	0.4513	-0.5282	0.1152	-7.26E-4	-6.01E-4	-2.54E-4
	CC5	-0.4442	0.4998	-0.2938	6.68E-4	5.74E-4	2.68E-4
	CC6	-0.4321	0.5044	-0.2908	6.80E-4	5.54E-4	3.24E-4
	CC7	-0.3918	-0.1530	-0.1523	-2.17E-4	5.60E-4	3.98E-4
	CC8	-0.3797	-0.1483	-0.1492	-2.05E-4	5.40E-4	4.53E-4
	CC9	0.0209	1.0091	-0.2906	1.35E-3	-1.29E-4	-4.06E-4
	CC10	0.0610	1.0244	-0.2806	1.39E-3	-1.94E-4	-2.22E-4
	CC11	-0.2284	1.1230	-0.3699	1.50E-3	2.13E-4	-1.94E-4
	CC12	-0.1883	1.1384	-0.3599	1.54E-3	1.49E-4	-9.45E-6
	CC13	0.1954	-1.1668	0.1814	-1.60E-3	-1.76E-4	2.40E-5
	CC14	0.2355	-1.1514	0.1914	-1.56E-3	-2.40E-4	2.09E-4
	CC15	-0.0539	-1.0528	0.1020	-1.45E-3	1.66E-4	2.36E-4
	CC16	-0.0138	-1.0375	0.1120	-1.40E-3	1.02E-4	4.21E-4
472	CC1	0.3462	0.1091	-0.0289	1.39E-4	-4.00E-4	-3.99E-4
	CC2	0.3568	0.1126	-0.0257	1.52E-4	-4.14E-4	-3.49E-4
	CC3	0.3929	-0.4710	0.1117	-7.18E-4	-5.37E-4	-2.71E-4
	CC4	0.4034	-0.4675	0.1150	-7.06E-4	-5.51E-4	-2.21E-4
	CC5	-0.3985	0.4441	-0.2934	6.50E-4	5.29E-4	2.32E-4
	CC6	-0.3880	0.4476	-0.2902	6.63E-4	5.15E-4	2.81E-4
	CC7	-0.3519	-0.1360	-0.1527	-2.07E-4	3.92E-4	3.59E-4
	CC8	-0.3413	-0.1325	-0.1495	-1.95E-4	3.78E-4	4.09E-4
	CC9	0.0189	0.8991	-0.2893	1.30E-3	1.01E-4	-3.85E-4
	CC10	0.0539	0.9107	-0.2787	1.35E-3	5.45E-5	-2.20E-4
	CC11	-0.2046	0.9996	-0.3687	1.46E-3	3.80E-4	-1.96E-4
	CC12	-0.1696	1.0112	-0.3580	1.50E-3	3.33E-4	-3.09E-5
	CC13	0.1745	-1.0346	0.1796	-1.56E-3	-3.55E-4	4.14E-5
	CC14	0.2095	-1.0230	0.1902	-1.51E-3	-4.02E-4	2.06E-4
	CC15	-0.0490	-0.9341	0.1002	-1.40E-3	-7.66E-5	2.30E-4
	CC16	-0.0140	-0.9225	0.1109	-1.36E-3	-1.23E-4	3.95E-4
473	CC1	0.4855	0.4847	-0.1705	3.42E-4	1.90E-5	-5.40E-4
	CC2	0.5024	0.4488	-0.1700	3.20E-4	1.77E-5	-4.71E-4
	CC3	0.5354	-0.3680	-0.1174	-3.49E-4	-1.94E-5	-4.62E-4
	CC4	0.5523	-0.4038	-0.1168	-3.71E-4	-2.06E-5	-3.93E-4
	CC5	-0.5403	0.3651	-0.0764	2.86E-4	1.59E-5	4.00E-4
	CC6	-0.5234	0.3292	-0.0758	2.64E-4	1.47E-5	4.69E-4
	CC7	-0.4904	-0.4875	-0.0232	-4.04E-4	-2.24E-5	4.78E-4
	CC8	-0.4735	-0.5234	-0.0226	-4.26E-4	-2.37E-5	5.47E-4
	CC9	0.0486	1.4790	-0.2002	1.15E-3	6.40E-5	-3.81E-4
	CC10	0.1046	1.3603	-0.1985	1.08E-3	6.00E-5	-1.53E-4
	CC11	-0.2592	1.4431	-0.1720	1.14E-3	6.31E-5	-9.92E-5
	CC12	-0.2031	1.3244	-0.1702	1.06E-3	5.90E-5	1.29E-4
	CC13	0.2151	-1.3631	-0.0230	-1.15E-3	-6.37E-5	-1.22E-4
	CC14	0.2712	-1.4818	-0.0212	-1.22E-3	-6.78E-5	1.06E-4
	CC15	-0.0926	-1.3990	0.0053	-1.16E-3	-6.47E-5	1.60E-4
	CC16	-0.0366	-1.5177	0.0070	-1.24E-3	-6.87E-5	3.88E-4
474	CC1	0.4861	0.4001	-0.1365	2.79E-4	1.55E-5	-5.46E-4
	CC2	0.5027	0.3704	-0.1350	2.58E-4	1.43E-5	-4.77E-4
	CC3	0.5357	-0.4456	-0.0828	-4.68E-4	-2.60E-5	-4.68E-4
	CC4	0.5523	-0.4752	-0.0813	-4.88E-4	-2.71E-5	-4.00E-4
	CC5	-0.5405	0.4366	-0.1092	4.08E-4	2.26E-5	3.93E-4
	CC6	-0.5239	0.4070	-0.1077	3.87E-4	2.15E-5	4.62E-4
	CC7	-0.4909	-0.4090	-0.0555	-3.39E-4	-1.88E-5	4.71E-4
	CC8	-0.4744	-0.4387	-0.0540	-3.59E-4	-2.00E-5	5.40E-4
	CC9	0.0498	1.4337	-0.1913	1.22E-3	6.77E-5	-3.88E-4
	CC10	0.1047	1.3355	-0.1865	1.15E-3	6.39E-5	-1.60E-4
	CC11	-0.2582	1.4447	-0.1831	1.26E-3	6.98E-5	-1.06E-4
	CC12	-0.2033	1.3465	-0.1783	1.19E-3	6.60E-5	1.22E-4
	CC13	0.2151	-1.3851	-0.0122	-1.27E-3	-7.05E-5	-1.28E-4
	CC14	0.2700	-1.4833	-0.0074	-1.34E-3	-7.43E-5	9.95E-5
	CC15	-0.0929	-1.3741	-0.0041	-1.23E-3	-6.83E-5	1.53E-4
	CC16	-0.0380	-1.4723	0.0008	-1.30E-3	-7.21E-5	3.81E-4
475	CC1	0.4868	0.3828	-0.0957	2.40E-4	1.33E-5	-5.54E-4
	CC2	0.5030	0.3593	-0.0933	2.23E-4	1.24E-5	-4.85E-4
	CC3	0.5360	-0.4559	-0.0412	-5.26E-4	-2.92E-5	-4.76E-4

	CC4	0.5522	-0.4793	-0.0387	-5.43E-4	-3.01E-5	-4.07E-4
	CC5	-0.5408	0.4396	-0.1498	4.55E-4	2.53E-5	3.86E-4
	CC6	-0.5245	0.4161	-0.1473	4.38E-4	2.43E-5	4.55E-4
	CC7	-0.4916	-0.3991	-0.0952	-3.11E-4	-1.72E-5	4.64E-4
	CC8	-0.4753	-0.4225	-0.0927	-3.28E-4	-1.82E-5	5.32E-4
	CC9	0.0510	1.4081	-0.1811	1.23E-3	6.82E-5	-3.95E-4
	CC10	0.1047	1.3305	-0.1730	1.17E-3	6.50E-5	-1.67E-4
	CC11	-0.2573	1.4252	-0.1973	1.29E-3	7.18E-5	-1.13E-4
	CC12	-0.2035	1.3475	-0.1892	1.24E-3	6.86E-5	1.15E-4
	CC13	0.2150	-1.3873	0.0007	-1.32E-3	-7.35E-5	-1.36E-4
	CC14	0.2687	-1.4649	0.0089	-1.38E-3	-7.67E-5	9.20E-5
	CC15	-0.0933	-1.3702	-0.0155	-1.26E-3	-6.99E-5	1.46E-4
	CC16	-0.0395	-1.4479	-0.0074	-1.32E-3	-7.31E-5	3.74E-4
476	CC1	0.4449	0.5049	-0.2046	3.41E-4	-5.07E-4	-5.08E-4
	CC2	0.4602	0.4648	-0.2051	3.04E-4	-5.28E-4	-4.44E-4
	CC3	0.4922	-0.2987	-0.1516	-5.82E-4	-5.48E-4	-4.16E-4
	CC4	0.5076	-0.3387	-0.1521	-6.20E-4	-5.69E-4	-3.52E-4
	CC5	-0.4985	0.3076	-0.0439	5.50E-4	5.49E-4	3.56E-4
	CC6	-0.4831	0.2676	-0.0444	5.12E-4	5.28E-4	4.20E-4
	CC7	-0.4511	-0.4959	0.0091	-3.73E-4	5.08E-4	4.47E-4
	CC8	-0.4358	-0.5359	0.0086	-4.11E-4	4.87E-4	5.11E-4
	CC9	0.0417	1.4195	-0.2097	1.54E-3	-6.42E-5	-3.86E-4
	CC10	0.0925	1.2869	-0.2112	1.41E-3	-1.34E-4	-1.74E-4
	CC11	-0.2413	1.3604	-0.1614	1.60E-3	2.53E-4	-1.27E-4
	CC12	-0.1905	1.2278	-0.1630	1.47E-3	1.83E-4	8.47E-5
	CC13	0.1996	-1.2588	-0.0330	-1.54E-3	-2.03E-4	-8.11E-5
	CC14	0.2504	-1.3914	-0.0345	-1.67E-3	-2.72E-4	1.31E-4
	CC15	-0.0834	-1.3180	0.0152	-1.48E-3	1.14E-4	1.78E-4
	CC16	-0.0326	-1.4506	0.0137	-1.60E-3	4.43E-5	3.90E-4
477	CC1	0.4001	0.4479	-0.2040	4.14E-4	-5.40E-4	-4.40E-4
	CC2	0.4136	0.4118	-0.2045	3.65E-4	-5.61E-4	-3.84E-4
	CC3	0.4436	-0.2632	-0.1512	-7.61E-4	-5.90E-4	-3.80E-4
	CC4	0.4571	-0.2993	-0.1517	-8.10E-4	-6.10E-4	-3.23E-4
	CC5	-0.4496	0.2732	-0.0427	7.62E-4	5.94E-4	3.28E-4
	CC6	-0.4361	0.2371	-0.0431	7.12E-4	5.74E-4	3.85E-4
	CC7	-0.4061	-0.4380	0.0101	-4.14E-4	5.44E-4	3.89E-4
	CC8	-0.3925	-0.4741	0.0097	-4.63E-4	5.24E-4	4.45E-4
	CC9	0.0363	1.2581	-0.2087	1.96E-3	-6.23E-5	-3.07E-4
	CC10	0.0811	1.1386	-0.2101	1.80E-3	-1.29E-4	-1.20E-4
	CC11	-0.2186	1.2057	-0.1602	2.07E-3	2.78E-4	-7.67E-5
	CC12	-0.1738	1.0862	-0.1617	1.91E-3	2.11E-4	1.10E-4
	CC13	0.1814	-1.1123	-0.0326	-1.95E-3	-2.27E-4	-1.05E-4
	CC14	0.2262	-1.2318	-0.0341	-2.12E-3	-2.94E-4	8.16E-5
	CC15	-0.0735	-1.1648	0.0158	-1.85E-3	1.13E-4	1.25E-4
	CC16	-0.0287	-1.2843	0.0143	-2.01E-3	4.60E-5	3.12E-4
478	CC1	0.3551	0.3883	-0.2017	3.84E-4	-5.30E-4	-3.73E-4
	CC2	0.3669	0.3564	-0.2021	3.39E-4	-5.48E-4	-3.24E-4
	CC3	0.3943	-0.2273	-0.1492	-6.95E-4	-5.83E-4	-3.40E-4
	CC4	0.4061	-0.2592	-0.1496	-7.40E-4	-6.02E-4	-2.91E-4
	CC5	-0.4000	0.2379	-0.0432	6.73E-4	5.85E-4	2.98E-4
	CC6	-0.3882	0.2060	-0.0435	6.29E-4	5.66E-4	3.47E-4
	CC7	-0.3608	-0.3778	0.0093	-4.06E-4	5.31E-4	3.32E-4
	CC8	-0.3490	-0.4096	0.0090	-4.51E-4	5.13E-4	3.81E-4
	CC9	0.0314	1.0906	-0.2071	1.80E-3	-5.57E-5	-2.34E-4
	CC10	0.0705	0.9852	-0.2082	1.65E-3	-1.17E-4	-7.20E-5
	CC11	-0.1951	1.0455	-0.1595	1.88E-3	2.79E-4	-3.26E-5
	CC12	-0.1560	0.9401	-0.1607	1.74E-3	2.17E-4	1.29E-4
	CC13	0.1621	-0.9614	-0.0321	-1.80E-3	-2.34E-4	-1.22E-4
	CC14	0.2012	-1.0668	-0.0332	-1.95E-3	-2.96E-4	3.97E-5
	CC15	-0.0644	-1.0065	0.0155	-1.72E-3	1.00E-4	7.92E-5
	CC16	-0.0253	-1.1119	0.0144	-1.86E-3	3.84E-5	2.41E-4
479	CC1	0.4396	0.3112	-0.0578	3.47E-4	-2.20E-4	-4.96E-4
	CC2	0.4537	0.2948	-0.0543	3.36E-4	-2.43E-4	-4.33E-4
	CC3	0.4857	-0.4556	-0.0023	-5.78E-4	-3.39E-4	-4.35E-4
	CC4	0.4998	-0.4720	0.0012	-5.89E-4	-3.62E-4	-3.73E-4
	CC5	-0.4907	0.4413	-0.1878	5.46E-4	3.67E-4	3.74E-4
	CC6	-0.4766	0.4249	-0.1843	5.35E-4	3.45E-4	4.37E-4
	CC7	-0.4445	-0.3256	-0.1323	-3.79E-4	2.49E-4	4.35E-4
	CC8	-0.4304	-0.3419	-0.1288	-3.90E-4	2.26E-4	4.98E-4
	CC9	0.0438	1.2702	-0.1722	1.51E-3	1.50E-4	-3.35E-4
	CC10	0.0905	1.2161	-0.1605	1.47E-3	7.49E-5	-1.27E-4
	CC11	-0.2352	1.3093	-0.2112	1.57E-3	3.27E-4	-7.36E-5



	CC12	-0.1886	1.2551	-0.1995	1.53E-3	2.51E-4	1.35E-4
	CC13	0.1977	-1.2858	0.0129	-1.57E-3	-2.46E-4	-1.33E-4
	CC14	0.2444	-1.3400	0.0245	-1.61E-3	-3.21E-4	7.53E-5
	CC15	-0.0813	-1.2468	-0.0261	-1.51E-3	-6.95E-5	1.28E-4
	CC16	-0.0347	-1.3010	-0.0144	-1.55E-3	-1.45E-4	3.36E-4
480	CC1	0.3936	0.2804	-0.0608	3.60E-4	-2.97E-4	-4.53E-4
	CC2	0.4060	0.2650	-0.0574	3.48E-4	-3.17E-4	-3.96E-4
	CC3	0.4365	-0.4058	-0.0051	-5.95E-4	-3.05E-4	-3.93E-4
	CC4	0.4488	-0.4212	-0.0017	-6.06E-4	-3.24E-4	-3.36E-4
	CC5	-0.4416	0.3945	-0.1843	5.58E-4	2.95E-4	3.33E-4
	CC6	-0.4293	0.3791	-0.1809	5.46E-4	2.75E-4	3.90E-4
	CC7	-0.3988	-0.2917	-0.1286	-3.97E-4	2.87E-4	3.94E-4
	CC8	-0.3864	-0.3071	-0.1252	-4.08E-4	2.68E-4	4.50E-4
	CC9	0.0370	1.1386	-0.1728	1.56E-3	-5.81E-5	-3.14E-4
	CC10	0.0779	1.0877	-0.1617	1.52E-3	-1.23E-4	-1.26E-4
	CC11	-0.2135	1.1728	-0.2098	1.62E-3	1.19E-4	-7.77E-5
	CC12	-0.1726	1.1220	-0.1987	1.58E-3	5.44E-5	1.10E-4
	CC13	0.1799	-1.1486	0.0127	-1.63E-3	-8.37E-5	-1.13E-4
	CC14	0.2208	-1.1995	0.0238	-1.66E-3	-1.49E-4	7.53E-5
	CC15	-0.0707	-1.1144	-0.0243	-1.57E-3	9.38E-5	1.23E-4
	CC16	-0.0298	-1.1653	-0.0132	-1.60E-3	2.88E-5	3.11E-4
481	CC1	0.3514	0.2474	-0.0651	4.41E-4	-1.68E-4	-4.03E-4
	CC2	0.3622	0.2332	-0.0620	4.25E-4	-1.92E-4	-3.53E-4
	CC3	0.3902	-0.3532	-0.0092	-6.73E-4	-3.08E-4	-3.47E-4
	CC4	0.4009	-0.3674	-0.0061	-6.89E-4	-3.32E-4	-2.97E-4
	CC5	-0.3955	0.3440	-0.1792	6.63E-4	3.31E-4	2.88E-4
	CC6	-0.3848	0.3298	-0.1761	6.47E-4	3.07E-4	3.38E-4
	CC7	-0.3568	-0.2566	-0.1233	-4.51E-4	1.92E-4	3.44E-4
	CC8	-0.3460	-0.2707	-0.1202	-4.67E-4	1.68E-4	3.95E-4
	CC9	0.0324	0.9982	-0.1739	1.84E-3	1.97E-4	-2.85E-4
	CC10	0.0680	0.9513	-0.1636	1.78E-3	1.17E-4	-1.19E-4
	CC11	-0.1917	1.0272	-0.2081	1.90E-3	3.47E-4	-7.80E-5
	CC12	-0.1561	0.9803	-0.1978	1.85E-3	2.67E-4	8.89E-5
	CC13	0.1616	-1.0037	0.0125	-1.88E-3	-2.68E-4	-9.76E-5
	CC14	0.1972	-1.0506	0.0228	-1.93E-3	-3.48E-4	6.93E-5
	CC15	-0.0625	-0.9747	-0.0218	-1.81E-3	-1.18E-4	1.10E-4
	CC16	-0.0269	-1.0216	-0.0115	-1.86E-3	-1.98E-4	2.77E-4
482	CC1	0.4832	0.9079	-0.2271	3.53E-4	-4.27E-4	-5.61E-4
	CC2	0.5005	0.8188	-0.2244	3.17E-4	-4.41E-4	-4.93E-4
	CC3	0.5336	-0.0049	-0.1734	-6.63E-5	-4.62E-4	-4.84E-4
	CC4	0.5509	-0.0941	-0.1707	-1.02E-4	-4.76E-4	-4.15E-4
	CC5	-0.5417	0.0663	-0.0595	2.81E-5	4.52E-4	3.78E-4
	CC6	-0.5245	-0.0229	-0.0567	-7.42E-6	4.38E-4	4.47E-4
	CC7	-0.4914	-0.8465	-0.0058	-3.91E-4	4.16E-4	4.56E-4
	CC8	-0.4741	-0.9357	-0.0031	-4.26E-4	4.03E-4	5.25E-4
	CC9	0.0458	1.7814	-0.2342	7.69E-4	-6.26E-5	-4.03E-4
	CC10	0.1030	1.4861	-0.2252	6.51E-4	-1.08E-4	-1.75E-4
	CC11	-0.2617	1.5289	-0.1839	6.72E-4	2.01E-4	-1.21E-4
	CC12	-0.2045	1.2336	-0.1749	5.54E-4	1.56E-4	1.07E-4
	CC13	0.2136	-1.2614	-0.0553	-6.28E-4	-1.80E-4	-1.44E-4
	CC14	0.2708	-1.5566	-0.0463	-7.45E-4	-2.25E-4	8.43E-5
	CC15	-0.0938	-1.5139	-0.0050	-7.25E-4	8.37E-5	1.38E-4
	CC16	-0.0367	-1.8091	0.0040	-8.43E-4	3.84E-5	3.66E-4
483	CC1	0.4832	0.8578	-0.1904	3.70E-4	-4.39E-4	-5.61E-4
	CC2	0.5004	0.7748	-0.1864	3.33E-4	-4.54E-4	-4.92E-4
	CC3	0.5335	-0.0480	-0.1331	-7.39E-5	-4.87E-4	-4.83E-4
	CC4	0.5508	-0.1310	-0.1290	-1.11E-4	-5.02E-4	-4.14E-4
	CC5	-0.5418	0.1000	-0.0997	2.81E-5	4.93E-4	3.79E-4
	CC6	-0.5245	0.0170	-0.0957	-9.35E-6	4.78E-4	4.48E-4
	CC7	-0.4914	-0.8059	-0.0424	-4.16E-4	4.46E-4	4.56E-4
	CC8	-0.4742	-0.8889	-0.0383	-4.54E-4	4.30E-4	5.25E-4
	CC9	0.0457	1.7453	-0.2303	8.12E-4	-3.91E-5	-4.02E-4
	CC10	0.1029	1.4705	-0.2169	6.88E-4	-8.96E-5	-1.74E-4
	CC11	-0.2618	1.5179	-0.2030	7.10E-4	2.41E-4	-1.20E-4
	CC12	-0.2046	1.2431	-0.1896	5.85E-4	1.90E-4	1.08E-4
	CC13	0.2136	-1.2742	-0.0391	-6.69E-4	-1.98E-4	-1.43E-4
	CC14	0.2707	-1.5490	-0.0257	-7.93E-4	-2.49E-4	8.49E-5
	CC15	-0.0939	-1.5015	-0.0119	-7.71E-4	8.12E-5	1.39E-4
	CC16	-0.0367	-1.7763	0.0015	-8.96E-4	3.07E-5	3.67E-4
484	CC1	0.4831	0.8080	-0.1777	3.28E-4	-3.91E-4	-5.56E-4
	CC2	0.5004	0.7311	-0.1724	2.95E-4	-4.05E-4	-4.87E-4
	CC3	0.5335	-0.0909	-0.1161	-6.95E-5	-4.38E-4	-4.78E-4

	CC4	0.5508	-0.1677	-0.1108	-1.02E-4	-4.52E-4	-4.09E-4
	CC5	-0.5418	0.1339	-0.1178	3.81E-6	4.55E-4	3.83E-4
	CC6	-0.5246	0.0570	-0.1124	-2.91E-5	4.42E-4	4.52E-4
	CC7	-0.4915	-0.7650	-0.0562	-3.93E-4	4.08E-4	4.61E-4
	CC8	-0.4742	-0.8418	-0.0508	-4.26E-4	3.95E-4	5.30E-4
	CC9	0.0457	1.7095	-0.2348	7.16E-4	-2.42E-5	-3.98E-4
	CC10	0.1029	1.4551	-0.2171	6.07E-4	-6.94E-5	-1.70E-4
	CC11	-0.2618	1.5073	-0.2169	6.19E-4	2.30E-4	-1.16E-4
	CC12	-0.2046	1.2529	-0.1991	5.10E-4	1.84E-4	1.12E-4
	CC13	0.2136	-1.2868	-0.0295	-6.08E-4	-1.81E-4	-1.38E-4
	CC14	0.2707	-1.5411	-0.0117	-7.17E-4	-2.26E-4	8.96E-5
	CC15	-0.0939	-1.4890	-0.0115	-7.06E-4	7.30E-5	1.44E-4
	CC16	-0.0368	-1.7434	0.0063	-8.14E-4	2.78E-5	3.71E-4
485	CC1	0.4445	0.8999	-0.2639	1.03E-3	-5.19E-4	-5.19E-4
	CC2	0.4604	0.8104	-0.2624	9.30E-4	-5.40E-4	-4.55E-4
	CC3	0.4923	0.0410	-0.2127	1.67E-5	-5.70E-4	-4.40E-4
	CC4	0.5081	-0.0486	-0.2112	-8.19E-5	-5.91E-4	-3.76E-4
	CC5	-0.5006	0.0280	-0.0199	5.21E-5	5.81E-4	3.52E-4
	CC6	-0.4848	-0.0616	-0.0184	-4.65E-5	5.59E-4	4.16E-4
	CC7	-0.4529	-0.8309	0.0313	-9.60E-4	5.29E-4	4.31E-4
	CC8	-0.4370	-0.9205	0.0328	-1.06E-3	5.08E-4	4.95E-4
	CC9	0.0397	1.7003	-0.2400	1.98E-3	-4.93E-5	-3.81E-4
	CC10	0.0921	1.4038	-0.2349	1.66E-3	-1.20E-4	-1.69E-4
	CC11	-0.2438	1.4388	-0.1668	1.69E-3	2.80E-4	-1.20E-4
	CC12	-0.1914	1.1423	-0.1618	1.36E-3	2.10E-4	9.25E-5
	CC13	0.1989	-1.1628	-0.0693	-1.39E-3	-2.20E-4	-1.17E-4
	CC14	0.2513	-1.4593	-0.0643	-1.72E-3	-2.91E-4	9.55E-5
	CC15	-0.0846	-1.4244	0.0038	-1.69E-3	1.10E-4	1.45E-4
	CC16	-0.0322	-1.7209	0.0089	-2.01E-3	3.88E-5	3.57E-4
486	CC1	0.3988	0.7948	-0.2638	1.36E-3	-5.49E-4	-4.38E-4
	CC2	0.4126	0.7154	-0.2624	1.23E-3	-5.73E-4	-3.83E-4
	CC3	0.4417	0.0368	-0.2134	6.29E-5	-6.08E-4	-3.89E-4
	CC4	0.4555	-0.0427	-0.2120	-6.04E-5	-6.32E-4	-3.34E-4
	CC5	-0.4488	0.0240	-0.0174	4.32E-5	6.24E-4	3.16E-4
	CC6	-0.4349	-0.0555	-0.0159	-8.01E-5	6.01E-4	3.71E-4
	CC7	-0.4059	-0.7340	0.0330	-1.25E-3	5.65E-4	3.65E-4
	CC8	-0.3920	-0.8135	0.0345	-1.37E-3	5.42E-4	4.20E-4
	CC9	0.0362	1.5012	-0.2380	2.55E-3	-4.26E-5	-2.94E-4
	CC10	0.0819	1.2381	-0.2332	2.14E-3	-1.20E-4	-1.12E-4
	CC11	-0.2181	1.2700	-0.1641	2.15E-3	3.10E-4	-6.83E-5
	CC12	-0.1724	1.0068	-0.1593	1.75E-3	2.32E-4	1.14E-4
	CC13	0.1791	-1.0255	-0.0701	-1.76E-3	-2.39E-4	-1.32E-4
	CC14	0.2249	-1.2887	-0.0653	-2.17E-3	-3.17E-4	5.04E-5
	CC15	-0.0751	-1.2567	0.0039	-2.16E-3	1.13E-4	9.43E-5
	CC16	-0.0294	-1.5199	0.0087	-2.57E-3	3.52E-5	2.77E-4
487	CC1	0.3535	0.6850	-0.2619	1.17E-3	-5.34E-4	-3.63E-4
	CC2	0.3653	0.6158	-0.2603	1.06E-3	-5.56E-4	-3.16E-4
	CC3	0.3917	0.0299	-0.2120	3.98E-5	-5.88E-4	-3.36E-4
	CC4	0.4035	-0.0393	-0.2104	-6.42E-5	-6.10E-4	-2.90E-4
	CC5	-0.3974	0.0226	-0.0172	3.31E-5	6.00E-4	2.79E-4
	CC6	-0.3856	-0.0466	-0.0157	-7.09E-5	5.78E-4	3.26E-4
	CC7	-0.3593	-0.6325	0.0327	-1.09E-3	5.46E-4	3.06E-4
	CC8	-0.3475	-0.7016	0.0342	-1.20E-3	5.24E-4	3.52E-4
	CC9	0.0326	1.2973	-0.2362	2.21E-3	-4.96E-5	-2.23E-4
	CC10	0.0717	1.0683	-0.2312	1.86E-3	-1.21E-4	-6.88E-5
	CC11	-0.1927	1.0986	-0.1628	1.87E-3	2.91E-4	-3.04E-5
	CC12	-0.1536	0.8696	-0.1578	1.52E-3	2.19E-4	1.24E-4
	CC13	0.1596	-0.8863	-0.0699	-1.55E-3	-2.29E-4	-1.35E-4
	CC14	0.1987	-1.1153	-0.0649	-1.90E-3	-3.00E-4	1.97E-5
	CC15	-0.0657	-1.0850	0.0035	-1.89E-3	1.11E-4	5.81E-5
	CC16	-0.0266	-1.3140	0.0085	-2.24E-3	3.98E-5	2.12E-4
488	CC1	0.4466	0.7148	-0.1016	7.86E-4	-5.34E-4	-4.94E-4
	CC2	0.4625	0.6483	-0.0950	7.17E-4	-5.55E-4	-4.32E-4
	CC3	0.4937	-0.1202	-0.0366	-1.81E-4	-5.81E-4	-4.34E-4
	CC4	0.5095	-0.1867	-0.0300	-2.50E-4	-6.02E-4	-3.72E-4
	CC5	-0.5016	0.1584	-0.1971	2.01E-4	5.86E-4	3.63E-4
	CC6	-0.4858	0.0919	-0.1905	1.33E-4	5.65E-4	4.25E-4
	CC7	-0.4546	-0.6766	-0.1321	-7.66E-4	5.40E-4	4.23E-4
	CC8	-0.4388	-0.7432	-0.1255	-8.34E-4	5.18E-4	4.85E-4
	CC9	0.0416	1.5711	-0.2185	1.79E-3	-6.31E-5	-3.36E-4
	CC10	0.0940	1.3509	-0.1966	1.56E-3	-1.33E-4	-1.31E-4
	CC11	-0.2429	1.4042	-0.2471	1.61E-3	2.73E-4	-7.86E-5

	CC12	-0.1905	1.1840	-0.2253	1.39E-3	2.03E-4	1.27E-4
	CC13	0.1984	-1.2123	-0.0018	-1.44E-3	-2.18E-4	-1.36E-4
	CC14	0.2508	-1.4325	0.0201	-1.66E-3	-2.89E-4	6.93E-5
	CC15	-0.0861	-1.3792	-0.0304	-1.61E-3	1.18E-4	1.21E-4
	CC16	-0.0337	-1.5994	-0.0086	-1.84E-3	4.75E-5	3.26E-4
489	CC1	0.3987	0.6341	-0.0997	1.05E-3	-5.80E-4	-4.60E-4
	CC2	0.4125	0.5745	-0.0930	9.61E-4	-6.03E-4	-4.03E-4
	CC3	0.4416	-0.1033	-0.0347	-2.09E-4	-6.32E-4	-3.85E-4
	CC4	0.4554	-0.1628	-0.0280	-2.95E-4	-6.55E-4	-3.28E-4
	CC5	-0.4489	0.1375	-0.1975	2.69E-4	6.40E-4	3.18E-4
	CC6	-0.4351	0.0780	-0.1908	1.82E-4	6.16E-4	3.75E-4
	CC7	-0.4060	-0.5999	-0.1325	-9.88E-4	5.88E-4	3.93E-4
	CC8	-0.3922	-0.6594	-0.1258	-1.07E-3	5.65E-4	4.49E-4
	CC9	0.0361	1.3893	-0.2175	2.34E-3	-6.60E-5	-3.40E-4
	CC10	0.0819	1.1923	-0.1954	2.05E-3	-1.43E-4	-1.52E-4
	CC11	-0.2182	1.2404	-0.2469	2.11E-3	3.00E-4	-1.07E-4
	CC12	-0.1724	1.0433	-0.2247	1.82E-3	2.23E-4	8.15E-5
	CC13	0.1789	-1.0686	-0.0008	-1.85E-3	-2.38E-4	-9.19E-5
	CC14	0.2247	-1.2657	0.0213	-2.13E-3	-3.15E-4	9.66E-5
	CC15	-0.0754	-1.2176	-0.0302	-2.08E-3	1.28E-4	1.42E-4
	CC16	-0.0296	-1.4147	-0.0080	-2.37E-3	5.07E-5	3.30E-4
490	CC1	0.3515	0.5489	-0.0997	9.33E-4	-5.47E-4	-4.22E-4
	CC2	0.3633	0.4967	-0.0930	8.56E-4	-5.68E-4	-3.70E-4
	CC3	0.3900	-0.0879	-0.0347	-1.82E-4	-5.99E-4	-3.36E-4
	CC4	0.4018	-0.1400	-0.0280	-2.59E-4	-6.21E-4	-2.84E-4
	CC5	-0.3966	0.1178	-0.1960	2.09E-4	6.08E-4	2.75E-4
	CC6	-0.3848	0.0656	-0.1894	1.33E-4	5.86E-4	3.27E-4
	CC7	-0.3581	-0.5189	-0.1310	-9.05E-4	5.55E-4	3.61E-4
	CC8	-0.3462	-0.5711	-0.1244	-9.82E-4	5.34E-4	4.13E-4
	CC9	0.0310	1.2011	-0.2169	2.07E-3	-5.62E-5	-3.38E-4
	CC10	0.0702	1.0283	-0.1949	1.81E-3	-1.28E-4	-1.67E-4
	CC11	-0.1934	1.0718	-0.2458	1.85E-3	2.90E-4	-1.29E-4
	CC12	-0.1542	0.8990	-0.2238	1.60E-3	2.19E-4	4.21E-5
	CC13	0.1595	-0.9213	-0.0002	-1.65E-3	-2.32E-4	-5.10E-5
	CC14	0.1987	-1.0940	0.0218	-1.90E-3	-3.03E-4	1.20E-4
	CC15	-0.0649	-1.0506	-0.0291	-1.86E-3	1.15E-4	1.58E-4
	CC16	-0.0258	-1.2233	-0.0071	-2.12E-3	4.32E-5	3.29E-4
491	CC1	0.5564	1.1063	-0.1486	1.24E-3	-6.14E-4	-4.84E-4
	CC2	0.5317	0.9902	-0.1642	1.12E-3	-5.90E-4	-4.23E-4
	CC3	0.5560	0.2256	-0.2634	2.37E-4	-6.23E-4	-4.20E-4
	CC4	0.5313	0.1095	-0.2790	1.15E-4	-6.00E-4	-3.59E-4
	CC5	-0.5337	-0.1240	0.0512	-1.29E-4	6.13E-4	3.60E-4
	CC6	-0.5584	-0.2400	0.0355	-2.52E-4	6.36E-4	4.21E-4
	CC7	-0.5342	-1.0047	-0.0636	-1.13E-3	6.03E-4	4.24E-4
	CC8	-0.5589	-1.1208	-0.0792	-1.26E-3	6.26E-4	4.85E-4
	CC9	0.2039	1.8373	0.0732	2.08E-3	-2.00E-4	-3.35E-4
	CC10	0.1222	1.4531	0.0216	1.67E-3	-1.23E-4	-1.32E-4
	CC11	-0.1231	1.4683	0.1332	1.66E-3	1.68E-4	-8.19E-5
	CC12	-0.2049	1.0840	0.0815	1.26E-3	2.45E-4	1.22E-4
	CC13	0.2025	-1.0985	-0.3094	-1.27E-3	-2.32E-4	-1.21E-4
	CC14	0.1207	-1.4827	-0.3610	-1.68E-3	-1.55E-4	8.28E-5
	CC15	-0.1246	-1.4675	-0.2494	-1.69E-3	1.35E-4	1.32E-4
	CC16	-0.2064	-1.8518	-0.3011	-2.09E-3	2.12E-4	3.36E-4
492	CC1	0.5023	0.9916	-0.1483	1.39E-3	-6.73E-4	-4.36E-4
	CC2	0.4801	0.8871	-0.1643	1.26E-3	-6.42E-4	-3.81E-4
	CC3	0.5012	0.2024	-0.2654	2.59E-4	-6.50E-4	-3.76E-4
	CC4	0.4789	0.0978	-0.2814	1.24E-4	-6.20E-4	-3.21E-4
	CC5	-0.4805	-0.1115	0.0551	-1.30E-4	6.27E-4	3.21E-4
	CC6	-0.5028	-0.2160	0.0391	-2.65E-4	6.58E-4	3.76E-4
	CC7	-0.4817	-0.9007	-0.0620	-1.26E-3	6.50E-4	3.81E-4
	CC8	-0.5039	-1.0052	-0.0780	-1.40E-3	6.80E-4	4.36E-4
	CC9	0.1854	1.6471	0.0780	2.33E-3	-2.80E-4	-3.05E-4
	CC10	0.1117	1.3010	0.0250	1.89E-3	-1.79E-4	-1.22E-4
	CC11	-0.1095	1.3161	0.1390	1.88E-3	1.10E-4	-7.74E-5
	CC12	-0.1831	0.9701	0.0860	1.43E-3	2.12E-4	1.05E-4
	CC13	0.1816	-0.9837	-0.3123	-1.44E-3	-2.04E-4	-1.04E-4
	CC14	0.1079	-1.3298	-0.3653	-1.88E-3	-1.03E-4	7.78E-5
	CC15	-0.1133	-1.3146	-0.2513	-1.89E-3	1.86E-4	1.23E-4
	CC16	-0.1870	-1.6607	-0.3043	-2.34E-3	2.87E-4	3.05E-4
493	CC1	0.4449	0.8734	-0.1477	1.36E-3	-6.55E-4	-3.94E-4
	CC2	0.4253	0.7808	-0.1637	1.22E-3	-6.25E-4	-3.44E-4
	CC3	0.4478	0.1769	-0.2639	2.55E-4	-6.41E-4	-3.33E-4

	CC4	0.4283	0.0844	-0.2799	1.23E-4	-6.12E-4	-2.83E-4
	CC5	-0.4290	-0.0973	0.0549	-1.35E-4	6.26E-4	2.85E-4
	CC6	-0.4485	-0.1898	0.0389	-2.68E-4	6.56E-4	3.34E-4
	CC7	-0.4260	-0.7937	-0.0613	-1.24E-3	6.40E-4	3.45E-4
	CC8	-0.4456	-0.8863	-0.0773	-1.37E-3	6.69E-4	3.95E-4
	CC9	0.1581	1.4531	0.0772	2.27E-3	-2.57E-4	-2.85E-4
	CC10	0.0934	1.1467	0.0242	1.83E-3	-1.59E-4	-1.20E-4
	CC11	-0.1040	1.1620	0.1380	1.82E-3	1.28E-4	-8.14E-5
	CC12	-0.1687	0.8555	0.0850	1.39E-3	2.26E-4	8.32E-5
	CC13	0.1680	-0.8684	-0.3100	-1.40E-3	-2.12E-4	-8.19E-5
	CC14	0.1033	-1.1748	-0.3630	-1.84E-3	-1.13E-4	8.26E-5
	CC15	-0.0942	-1.1596	-0.2492	-1.85E-3	1.73E-4	1.22E-4
	CC16	-0.1588	-1.4660	-0.3022	-2.28E-3	2.71E-4	2.86E-4
494	CC1	0.4974	1.1055	-0.2344	1.25E-3	-5.46E-4	-4.90E-4
	CC2	0.4913	0.9894	-0.2223	1.13E-3	-5.43E-4	-4.27E-4
	CC3	0.5208	0.2257	-0.1425	2.34E-4	-5.81E-4	-4.19E-4
	CC4	0.5147	0.1096	-0.1304	1.10E-4	-5.78E-4	-3.56E-4
	CC5	-0.5154	-0.1254	-0.0910	-1.30E-4	5.94E-4	3.64E-4
	CC6	-0.5215	-0.2415	-0.0789	-2.53E-4	5.97E-4	4.27E-4
	CC7	-0.4920	-1.0052	0.0009	-1.15E-3	5.59E-4	4.35E-4
	CC8	-0.4982	-1.1212	0.0130	-1.27E-3	5.62E-4	4.97E-4
	CC9	0.1228	1.8352	-0.3055	2.09E-3	-1.09E-4	-3.45E-4
	CC10	0.1025	1.4509	-0.2654	1.69E-3	-9.99E-5	-1.38E-4
	CC11	-0.1811	1.4659	-0.2625	1.68E-3	2.33E-4	-8.93E-5
	CC12	-0.2014	1.0816	-0.2224	1.27E-3	2.42E-4	1.18E-4
	CC13	0.2006	-1.0974	0.0010	-1.29E-3	-2.26E-4	-1.10E-4
	CC14	0.1803	-1.4817	0.0410	-1.70E-3	-2.17E-4	9.72E-5
	CC15	-0.1032	-1.4667	0.0440	-1.71E-3	1.16E-4	1.46E-4
	CC16	-0.1235	-1.8509	0.0841	-2.11E-3	1.25E-4	3.53E-4
495	CC1	0.4492	0.9902	-0.2358	1.40E-3	-5.84E-4	-4.46E-4
	CC2	0.4433	0.8858	-0.2233	1.26E-3	-5.81E-4	-3.89E-4
	CC3	0.4693	0.2026	-0.1407	2.60E-4	-6.32E-4	-3.78E-4
	CC4	0.4635	0.0982	-0.1282	1.23E-4	-6.29E-4	-3.21E-4
	CC5	-0.4631	-0.1120	-0.0919	-1.47E-4	6.39E-4	3.27E-4
	CC6	-0.4690	-0.2164	-0.0795	-2.83E-4	6.42E-4	3.84E-4
	CC7	-0.4429	-0.8996	0.0032	-1.28E-3	5.91E-4	3.95E-4
	CC8	-0.4488	-1.0040	0.0157	-1.42E-3	5.94E-4	4.52E-4
	CC9	0.1132	1.6439	-0.3109	2.34E-3	-1.04E-4	-3.20E-4
	CC10	0.0937	1.2982	-0.2695	1.89E-3	-9.31E-5	-1.32E-4
	CC11	-0.1605	1.3132	-0.2677	1.88E-3	2.63E-4	-8.84E-5
	CC12	-0.1800	0.9676	-0.2264	1.42E-3	2.74E-4	9.99E-5
	CC13	0.1803	-0.9814	0.0062	-1.45E-3	-2.64E-4	-9.44E-5
	CC14	0.1609	-1.3270	0.0475	-1.90E-3	-2.54E-4	9.40E-5
	CC15	-0.0933	-1.3120	0.0494	-1.91E-3	1.03E-4	1.37E-4
	CC16	-0.1128	-1.6577	0.0907	-2.36E-3	1.13E-4	3.26E-4
496	CC1	0.4002	0.8719	-0.2344	1.35E-3	-5.81E-4	-4.02E-4
	CC2	0.3947	0.7795	-0.2219	1.22E-3	-5.76E-4	-3.51E-4
	CC3	0.4169	0.1773	-0.1395	2.57E-4	-6.14E-4	-3.36E-4
	CC4	0.4114	0.0849	-0.1270	1.24E-4	-6.09E-4	-2.85E-4
	CC5	-0.4101	-0.0967	-0.0919	-1.46E-4	6.22E-4	2.89E-4
	CC6	-0.4156	-0.1890	-0.0795	-2.79E-4	6.27E-4	3.40E-4
	CC7	-0.3934	-0.7913	0.0030	-1.24E-3	5.89E-4	3.55E-4
	CC8	-0.3989	-0.8836	0.0154	-1.38E-3	5.94E-4	4.06E-4
	CC9	0.1035	1.4499	-0.3096	2.26E-3	-1.27E-4	-2.96E-4
	CC10	0.0851	1.1442	-0.2685	1.82E-3	-1.10E-4	-1.28E-4
	CC11	-0.1396	1.1594	-0.2669	1.81E-3	2.33E-4	-8.92E-5
	CC12	-0.1579	0.8536	-0.2257	1.37E-3	2.51E-4	7.97E-5
	CC13	0.1592	-0.8654	0.0068	-1.40E-3	-2.38E-4	-7.63E-5
	CC14	0.1409	-1.1711	0.0479	-1.83E-3	-2.21E-4	9.26E-5
	CC15	-0.0839	-1.1559	0.0495	-1.85E-3	1.23E-4	1.31E-4
	CC16	-0.1022	-1.4617	0.0906	-2.28E-3	1.40E-4	3.00E-4
497	CC1	0.6061	1.2431	-0.1530	1.16E-3	-4.20E-4	-5.41E-4
	CC2	0.5795	1.1120	-0.1695	1.04E-3	-4.27E-4	-4.72E-4
	CC3	0.6071	0.2830	-0.2870	2.64E-4	-6.57E-4	-4.63E-4
	CC4	0.5806	0.1519	-0.3035	1.47E-4	-6.64E-4	-3.95E-4
	CC5	-0.5853	-0.1690	0.0779	-1.73E-4	7.15E-4	3.98E-4
	CC6	-0.6119	-0.3001	0.0614	-2.90E-4	7.08E-4	4.67E-4
	CC7	-0.5843	-1.1291	-0.0561	-1.07E-3	4.78E-4	4.76E-4
	CC8	-0.6109	-1.2602	-0.0726	-1.19E-3	4.71E-4	5.45E-4
	CC9	0.2186	2.0204	0.1033	1.88E-3	2.61E-4	-3.83E-4
	CC10	0.1306	1.5865	0.0486	1.49E-3	2.38E-4	-1.55E-4
	CC11	-0.1388	1.5967	0.1726	1.48E-3	6.02E-4	-1.01E-4

	CC12	-0.2269	1.1628	0.1179	1.09E-3	5.79E-4	1.27E-4
	CC13	0.2221	-1.1800	-0.3434	-1.12E-3	-5.28E-4	-1.23E-4
	CC14	0.1340	-1.6138	-0.3981	-1.50E-3	-5.51E-4	1.05E-4
	CC15	-0.1354	-1.6036	-0.2741	-1.52E-3	-1.87E-4	1.58E-4
	CC16	-0.2234	-2.0375	-0.3288	-1.90E-3	-2.11E-4	3.86E-4
498	CC1	0.5574	1.1713	-0.1611	1.33E-3	-6.34E-4	-4.38E-4
	CC2	0.5319	1.0463	-0.1786	1.20E-3	-6.06E-4	-3.80E-4
	CC3	0.5564	0.2940	-0.3175	3.19E-4	-5.85E-4	-4.10E-4
	CC4	0.5309	0.1691	-0.3351	1.84E-4	-5.57E-4	-3.52E-4
	CC5	-0.5335	-0.1846	0.1126	-2.07E-4	5.79E-4	3.58E-4
	CC6	-0.5589	-0.3095	0.0950	-3.41E-4	6.08E-4	4.16E-4
	CC7	-0.5345	-1.0618	-0.0439	-1.22E-3	6.28E-4	3.85E-4
	CC8	-0.5599	-1.1867	-0.0615	-1.35E-3	6.56E-4	4.44E-4
	CC9	0.2061	1.8645	0.1375	2.13E-3	-2.99E-4	-2.59E-4
	CC10	0.1219	1.4509	0.0794	1.69E-3	-2.06E-4	-6.57E-5
	CC11	-0.1212	1.4578	0.2196	1.67E-3	6.50E-5	-2.01E-5
	CC12	-0.2053	1.0441	0.1615	1.22E-3	1.58E-4	1.73E-4
	CC13	0.2028	-1.0596	-0.3840	-1.25E-3	-1.36E-4	-1.67E-4
	CC14	0.1186	-1.4732	-0.4422	-1.69E-3	-4.26E-5	2.59E-5
	CC15	-0.1245	-1.4663	-0.3020	-1.71E-3	2.28E-4	7.16E-5
	CC16	-0.2086	-1.8800	-0.3601	-2.15E-3	3.21E-4	2.65E-4
499	CC1	0.5054	1.0570	-0.1601	1.35E-3	-6.05E-4	-3.68E-4
	CC2	0.4822	0.9438	-0.1775	1.21E-3	-5.84E-4	-3.18E-4
	CC3	0.5042	0.2654	-0.3165	3.06E-4	-6.34E-4	-3.62E-4
	CC4	0.4811	0.1522	-0.3339	1.71E-4	-6.13E-4	-3.12E-4
	CC5	-0.4819	-0.1658	0.1119	-1.92E-4	6.29E-4	3.15E-4
	CC6	-0.5051	-0.2789	0.0945	-3.26E-4	6.50E-4	3.65E-4
	CC7	-0.4831	-0.9574	-0.0445	-1.23E-3	6.00E-4	3.21E-4
	CC8	-0.5063	-1.0705	-0.0619	-1.37E-3	6.22E-4	3.71E-4
	CC9	0.1880	1.6832	0.1376	2.18E-3	-1.64E-4	-1.93E-4
	CC10	0.1113	1.3087	0.0800	1.73E-3	-9.35E-5	-2.77E-5
	CC11	-0.1082	1.3164	0.2192	1.72E-3	2.06E-4	1.21E-5
	CC12	-0.1849	0.9419	0.1616	1.27E-3	2.77E-4	1.77E-4
	CC13	0.1841	-0.9554	-0.3837	-1.29E-3	-2.60E-4	-1.74E-4
	CC14	0.1074	-1.3299	-0.4412	-1.74E-3	-1.90E-4	-9.15E-6
	CC15	-0.1121	-1.3222	-0.3021	-1.75E-3	1.10E-4	3.07E-5
	CC16	-0.1888	-1.6968	-0.3596	-2.20E-3	1.80E-4	1.96E-4
500	CC1	0.4525	0.9439	-0.1585	1.30E-3	-6.84E-4	-3.26E-4
	CC2	0.4318	0.8425	-0.1758	1.18E-3	-6.48E-4	-2.82E-4
	CC3	0.4507	0.2364	-0.3150	3.13E-4	-6.29E-4	-3.23E-4
	CC4	0.4300	0.1350	-0.3323	1.84E-4	-5.93E-4	-2.80E-4
	CC5	-0.4293	-0.1467	0.1113	-2.04E-4	6.10E-4	2.77E-4
	CC6	-0.4499	-0.2481	0.0939	-3.33E-4	6.47E-4	3.21E-4
	CC7	-0.4311	-0.8542	-0.0452	-1.20E-3	6.65E-4	2.80E-4
	CC8	-0.4518	-0.9556	-0.0625	-1.32E-3	7.01E-4	3.23E-4
	CC9	0.1698	1.5047	0.1385	2.08E-3	-3.37E-4	-1.68E-4
	CC10	0.1015	1.1690	0.0812	1.66E-3	-2.17E-4	-2.41E-5
	CC11	-0.0947	1.1776	0.2194	1.63E-3	5.17E-5	1.32E-5
	CC12	-0.1631	0.8418	0.1621	1.20E-3	1.71E-4	1.57E-4
	CC13	0.1638	-0.8535	-0.3831	-1.22E-3	-1.54E-4	-1.59E-4
	CC14	0.0955	-1.1893	-0.4404	-1.65E-3	-3.39E-5	-1.54E-5
	CC15	-0.1008	-1.1807	-0.3022	-1.67E-3	2.35E-4	2.20E-5
	CC16	-0.1691	-1.5164	-0.3595	-2.10E-3	3.54E-4	1.65E-4
501	CC1	0.5421	1.2484	-0.2821	1.11E-3	-6.90E-4	-5.43E-4
	CC2	0.5351	1.1167	-0.2688	9.96E-4	-6.50E-4	-4.74E-4
	CC3	0.5651	0.2876	-0.1900	2.43E-4	-5.10E-4	-4.66E-4
	CC4	0.5581	0.1558	-0.1767	1.32E-4	-4.70E-4	-3.97E-4
	CC5	-0.5614	-0.1731	-0.0420	-1.46E-4	5.09E-4	3.96E-4
	CC6	-0.5684	-0.3048	-0.0287	-2.57E-4	5.49E-4	4.65E-4
	CC7	-0.5384	-1.1340	0.0500	-1.01E-3	6.89E-4	4.74E-4
	CC8	-0.5454	-1.2657	0.0633	-1.12E-3	7.28E-4	5.43E-4
	CC9	0.1372	2.0241	-0.3208	1.81E-3	-5.26E-4	-3.85E-4
	CC10	0.1140	1.5880	-0.2767	1.44E-3	-3.94E-4	-1.57E-4
	CC11	-0.1939	1.5977	-0.2488	1.43E-3	-1.66E-4	-1.03E-4
	CC12	-0.2171	1.1615	-0.2047	1.06E-3	-3.48E-5	1.25E-4
	CC13	0.2137	-1.1788	-0.0140	-1.08E-3	7.36E-5	-1.26E-4
	CC14	0.1905	-1.6150	0.0300	-1.44E-3	2.05E-4	1.02E-4
	CC15	-0.1173	-1.6052	0.0580	-1.45E-3	4.33E-4	1.56E-4
	CC16	-0.1405	-2.0414	0.1020	-1.82E-3	5.65E-4	3.84E-4
502	CC1	0.4983	1.1808	-0.3346	1.37E-3	-5.20E-4	-4.12E-4
	CC2	0.4911	1.0546	-0.3198	1.24E-3	-5.22E-4	-3.58E-4
	CC3	0.5197	0.3025	-0.2415	3.46E-4	-5.75E-4	-3.87E-4

	CC4	0.5126	0.1763	-0.2267	2.07E-4	-5.77E-4	-3.32E-4
	CC5	-0.5136	-0.1917	0.0109	-2.28E-4	6.01E-4	3.30E-4
	CC6	-0.5208	-0.3179	0.0257	-3.66E-4	5.99E-4	3.84E-4
	CC7	-0.4922	-1.0700	0.1040	-1.26E-3	5.46E-4	3.55E-4
	CC8	-0.4993	-1.1962	0.1188	-1.40E-3	5.44E-4	4.09E-4
	CC9	0.1274	1.8709	-0.3394	2.17E-3	-6.12E-5	-2.45E-4
	CC10	0.1037	1.4532	-0.2903	1.72E-3	-6.66E-5	-6.44E-5
	CC11	-0.1762	1.4592	-0.2357	1.69E-3	2.75E-4	-2.19E-5
	CC12	-0.1999	1.0414	-0.1867	1.24E-3	2.70E-4	1.58E-4
	CC13	0.1988	-1.0568	-0.0291	-1.26E-3	-2.46E-4	-1.61E-4
	CC14	0.1751	-1.4746	0.0199	-1.71E-3	-2.51E-4	1.94E-5
	CC15	-0.1047	-1.4686	0.0745	-1.74E-3	9.05E-5	6.18E-5
	CC16	-0.1284	-1.8863	0.1236	-2.20E-3	8.51E-5	2.42E-4
503	CC1	0.4514	1.0659	-0.3347	1.31E-3	-5.80E-4	-3.98E-4
	CC2	0.4447	0.9516	-0.3199	1.18E-3	-5.70E-4	-3.46E-4
	CC3	0.4712	0.2731	-0.2425	2.89E-4	-5.91E-4	-3.56E-4
	CC4	0.4645	0.1588	-0.2277	1.57E-4	-5.80E-4	-3.04E-4
	CC5	-0.4636	-0.1723	0.0121	-1.79E-4	6.01E-4	3.01E-4
	CC6	-0.4703	-0.2866	0.0269	-3.10E-4	6.12E-4	3.53E-4
	CC7	-0.4438	-0.9651	0.1044	-1.20E-3	5.91E-4	3.43E-4
	CC8	-0.4505	-1.0794	0.1192	-1.34E-3	6.01E-4	3.95E-4
	CC9	0.1158	1.6895	-0.3380	2.14E-3	-1.66E-4	-2.63E-4
	CC10	0.0936	1.3111	-0.2891	1.71E-3	-1.31E-4	-9.05E-5
	CC11	-0.1587	1.3180	-0.2340	1.69E-3	1.88E-4	-5.30E-5
	CC12	-0.1809	0.9396	-0.1850	1.26E-3	2.23E-4	1.19E-4
	CC13	0.1818	-0.9532	-0.0305	-1.28E-3	-2.02E-4	-1.22E-4
	CC14	0.1596	-1.3315	0.0184	-1.71E-3	-1.67E-4	4.98E-5
	CC15	-0.0927	-1.3246	0.0735	-1.73E-3	1.52E-4	8.73E-5
	CC16	-0.1149	-1.7030	0.1225	-2.16E-3	1.87E-4	2.60E-4
504	CC1	0.4033	0.9538	-0.3352	1.33E-3	-5.56E-4	-4.27E-4
	CC2	0.3970	0.8512	-0.3205	1.20E-3	-5.58E-4	-3.74E-4
	CC3	0.4206	0.2448	-0.2433	3.31E-4	-6.42E-4	-3.49E-4
	CC4	0.4143	0.1421	-0.2285	1.98E-4	-6.44E-4	-2.96E-4
	CC5	-0.4118	-0.1537	0.0136	-2.20E-4	6.56E-4	2.97E-4
	CC6	-0.4181	-0.2564	0.0284	-3.53E-4	6.53E-4	3.51E-4
	CC7	-0.3945	-0.8628	0.1055	-1.22E-3	5.70E-4	3.76E-4
	CC8	-0.4008	-0.9654	0.1203	-1.35E-3	5.67E-4	4.29E-4
	CC9	0.1050	1.5120	-0.3375	2.11E-3	-2.79E-5	-3.26E-4
	CC10	0.0842	1.1722	-0.2886	1.67E-3	-3.65E-5	-1.51E-4
	CC11	-0.1395	1.1797	-0.2328	1.64E-3	3.36E-4	-1.09E-4
	CC12	-0.1603	0.8399	-0.1839	1.20E-3	3.27E-4	6.68E-5
	CC13	0.1628	-0.8515	-0.0310	-1.23E-3	-3.15E-4	-6.55E-5
	CC14	0.1420	-1.1913	0.0179	-1.66E-3	-3.24E-4	1.10E-4
	CC15	-0.0817	-1.1838	0.0737	-1.69E-3	4.81E-5	1.52E-4
	CC16	-0.1026	-1.5236	0.1225	-2.13E-3	3.95E-5	3.28E-4
505	CC1	0.4881	0.1735	-0.0609	1.63E-4	9.27E-29	-5.34E-4
	CC2	0.5040	0.1766	-0.0590	1.73E-4	9.27E-29	-4.65E-4
	CC3	0.5369	-0.6351	0.0798	-6.75E-4	6.01E-29	-4.56E-4
	CC4	0.5528	-0.6320	0.0817	-6.65E-4	6.01E-29	-3.87E-4
	CC5	-0.5403	0.5923	-0.2626	6.07E-4	-6.01E-29	4.06E-4
	CC6	-0.5244	0.5954	-0.2607	6.17E-4	-6.01E-29	4.75E-4
	CC7	-0.4914	-0.2163	-0.1219	-2.31E-4	-9.27E-29	4.84E-4
	CC8	-0.4756	-0.2132	-0.1200	-2.21E-4	-9.27E-29	5.52E-4
	CC9	0.0529	1.2599	-0.2977	1.28E-3	7.72E-29	-3.75E-4
	CC10	0.1055	1.2702	-0.2916	1.32E-3	7.72E-29	-1.47E-4
	CC11	-0.2556	1.3855	-0.3583	1.42E-3	3.14E-29	-9.33E-5
	CC12	-0.2030	1.3958	-0.3521	1.45E-3	3.14E-29	1.35E-4
	CC13	0.2156	-1.4355	0.1712	-1.51E-3	-3.14E-29	-1.16E-4
	CC14	0.2682	-1.4252	0.1774	-1.48E-3	-3.14E-29	1.12E-4
	CC15	-0.0929	-1.3099	0.1107	-1.37E-3	-7.72E-29	1.66E-4
	CC16	-0.0403	-1.2996	0.1168	-1.34E-3	-7.72E-29	3.94E-4
506	CC1	0.4874	0.3022	-0.0291	1.82E-4	1.34E-28	-5.34E-4
	CC2	0.5033	0.2890	-0.0246	1.76E-4	1.34E-28	-4.65E-4
	CC3	0.5363	-0.5249	0.0290	-5.27E-4	8.62E-29	-4.56E-4
	CC4	0.5521	-0.5380	0.0335	-5.33E-4	8.62E-29	-3.87E-4
	CC5	-0.5409	0.4987	-0.2192	4.33E-4	-8.62E-29	4.06E-4
	CC6	-0.5250	0.4855	-0.2147	4.28E-4	-8.62E-29	4.75E-4
	CC7	-0.4921	-0.3283	-0.1611	-2.76E-4	-1.34E-28	4.84E-4
	CC8	-0.4762	-0.3415	-0.1565	-2.82E-4	-1.34E-28	5.53E-4
	CC9	0.0522	1.3510	-0.1687	1.10E-3	1.12E-28	-3.75E-4
	CC10	0.1048	1.3074	-0.1537	1.09E-3	1.12E-28	-1.47E-4
	CC11	-0.2563	1.4100	-0.2258	1.18E-3	4.58E-29	-9.31E-5

	CC12	-0.2037	1.3664	-0.2108	1.16E-3	4.58E-29	1.35E-4
	CC13	0.2149	-1.4057	0.0251	-1.26E-3	-4.58E-29	-1.16E-4
	CC14	0.2675	-1.4494	0.0401	-1.28E-3	-4.58E-29	1.12E-4
	CC15	-0.0936	-1.3467	-0.0319	-1.18E-3	-1.12E-28	1.66E-4
	CC16	-0.0410	-1.3904	-0.0169	-1.20E-3	-1.12E-28	3.94E-4
507	CC1	0.5736	-1.1378	0.0147	7.59E-29	-5.65E-4	-5.52E-4
	CC2	0.5593	-0.9676	0.0026	7.59E-29	-5.53E-4	-4.83E-4
	CC3	0.5883	-1.7578	0.0556	4.93E-29	-5.83E-4	-4.74E-4
	CC4	0.5740	-1.5877	0.0434	4.93E-29	-5.71E-4	-4.05E-4
	CC5	-0.5604	1.5606	-0.2209	-4.93E-29	5.35E-4	3.88E-4
	CC6	-0.5747	1.7308	-0.2330	-4.93E-29	5.47E-4	4.57E-4
	CC7	-0.5457	0.9406	-0.1800	-7.59E-29	5.17E-4	4.66E-4
	CC8	-0.5600	1.1108	-0.1922	-7.59E-29	5.29E-4	5.34E-4
	CC9	0.1761	0.3334	-0.1014	6.31E-29	-1.73E-4	-3.93E-4
	CC10	0.1287	0.8968	-0.1416	6.31E-29	-1.32E-4	-1.65E-4
	CC11	-0.1641	1.1429	-0.1720	2.55E-29	1.57E-4	-1.11E-4
	CC12	-0.2115	1.7063	-0.2123	2.55E-29	1.98E-4	1.17E-4
	CC13	0.2252	-1.7334	0.0348	-2.55E-29	-2.33E-4	-1.34E-4
	CC14	0.1778	-1.1700	-0.0054	-2.55E-29	-1.93E-4	9.40E-5
	CC15	-0.1150	-0.9238	-0.0358	-6.31E-29	9.65E-5	1.48E-4
	CC16	-0.1624	-0.3604	-0.0761	-6.31E-29	1.37E-4	3.76E-4
508	CC1	0.5966	-1.1379	-0.0103	4.38E-29	-5.96E-4	-5.54E-4
	CC2	0.5757	-0.9677	-0.0066	4.38E-29	-5.77E-4	-4.85E-4
	CC3	0.6039	-1.7579	-0.0339	2.83E-29	-6.06E-4	-4.76E-4
	CC4	0.5830	-1.5877	-0.0301	2.83E-29	-5.88E-4	-4.07E-4
	CC5	-0.5674	1.5606	-0.1507	-2.83E-29	5.43E-4	3.86E-4
	CC6	-0.5883	1.7308	-0.1470	-2.83E-29	5.61E-4	4.55E-4
	CC7	-0.5601	0.9406	-0.1743	-4.38E-29	5.32E-4	4.63E-4
	CC8	-0.5810	1.1107	-0.1705	-4.38E-29	5.51E-4	5.32E-4
	CC9	0.2049	0.3333	-0.0364	3.66E-29	-2.06E-4	-3.95E-4
	CC10	0.1356	0.8967	-0.0240	3.66E-29	-1.45E-4	-1.67E-4
	CC11	-0.1443	1.1429	-0.0785	1.50E-29	1.36E-4	-1.13E-4
	CC12	-0.2136	1.7063	-0.0661	1.50E-29	1.96E-4	1.15E-4
	CC13	0.2292	-1.7334	-0.1148	-1.50E-29	-2.41E-4	-1.36E-4
	CC14	0.1599	-1.1700	-0.1024	-1.50E-29	-1.81E-4	9.19E-5
	CC15	-0.1201	-0.9239	-0.1569	-3.66E-29	1.00E-4	1.46E-4
	CC16	-0.1893	-0.3605	-0.1445	-3.66E-29	1.61E-4	3.74E-4
509	CC1	0.5930	1.2898	-0.1854	5.44E-4	-5.25E-4	-5.38E-4
	CC2	0.5702	1.1528	-0.1955	4.91E-4	-5.11E-4	-4.69E-4
	CC3	0.5982	0.3230	-0.2845	9.45E-5	-5.66E-4	-4.60E-4
	CC4	0.5754	0.1860	-0.2946	4.16E-5	-5.52E-4	-3.91E-4
	CC5	-0.5798	-0.2035	0.0738	-4.01E-5	5.78E-4	4.02E-4
	CC6	-0.6025	-0.3405	0.0637	-9.30E-5	5.92E-4	4.71E-4
	CC7	-0.5746	-1.1703	-0.0253	-4.89E-4	5.37E-4	4.79E-4
	CC8	-0.5973	-1.3073	-0.0354	-5.42E-4	5.51E-4	5.48E-4
	CC9	0.2027	2.0534	0.0325	9.25E-4	-1.08E-4	-3.79E-4
	CC10	0.1274	1.5998	-0.0008	7.50E-4	-6.12E-5	-1.51E-4
	CC11	-0.1491	1.6054	0.1103	7.50E-4	2.24E-4	-9.74E-5
	CC12	-0.2244	1.1518	0.0770	5.74E-4	2.70E-4	1.31E-4
	CC13	0.2201	-1.1693	-0.2978	-5.73E-4	-2.44E-4	-1.20E-4
	CC14	0.1448	-1.6229	-0.3311	-7.48E-4	-1.98E-4	1.08E-4
	CC15	-0.1317	-1.6173	-0.2200	-7.48E-4	8.69E-5	1.62E-4
	CC16	-0.2071	-2.0709	-0.2533	-9.23E-4	1.33E-4	3.90E-4
510	CC1	0.0177	-0.0432	-0.0381	4.79E-5	-4.07E-4	1.78E-5
	CC2	0.0169	-0.0371	-0.0447	4.15E-5	-3.89E-4	1.75E-5
	CC3	0.0192	-0.0647	-0.0140	7.53E-5	-4.38E-4	2.19E-5
	CC4	0.0184	-0.0585	-0.0206	6.89E-5	-4.21E-4	2.16E-5
	CC5	-0.0190	0.0585	-0.1460	-6.38E-5	4.36E-4	-2.33E-5
	CC6	-0.0199	0.0647	-0.1526	-7.02E-5	4.54E-4	-2.36E-5
	CC7	-0.0176	0.0371	-0.1219	-3.64E-5	4.04E-4	-1.92E-5
	CC8	-0.0184	0.0432	-0.1285	-4.28E-5	4.22E-4	-1.95E-5
	CC9	0.0041	0.0103	-0.0963	-1.57E-5	-9.53E-5	-1.08E-6
	CC10	0.0013	0.0306	-0.1182	-3.68E-5	-3.66E-5	-2.07E-6
	CC11	-0.0069	0.0409	-0.1287	-4.92E-5	1.58E-4	-1.34E-5
	CC12	-0.0097	0.0612	-0.1506	-7.03E-5	2.16E-4	-1.44E-5
	CC13	0.0090	-0.0611	-0.0160	7.55E-5	-2.01E-4	1.27E-5
	CC14	0.0063	-0.0408	-0.0379	5.43E-5	-1.42E-4	1.17E-5
	CC15	-0.0020	-0.0306	-0.0484	4.19E-5	5.19E-5	4.09E-7
	CC16	-0.0048	-0.0103	-0.0703	2.08E-5	1.11E-4	-5.82E-7
511	CC1	0.0176	-0.0436	-0.0637	-8.46E-5	-4.10E-4	-7.08E-5
	CC2	0.0172	-0.0374	-0.0664	-7.65E-5	-3.99E-4	-7.76E-5
	CC3	0.0173	-0.0652	-0.0537	-9.79E-5	-4.02E-4	-4.03E-5

	CC4	0.0168	-0.0590	-0.0564	-8.98E-5	-3.91E-4	-4.71E-5
	CC5	-0.0178	0.0589	-0.1108	9.41E-5	4.14E-4	5.61E-5
	CC6	-0.0183	0.0650	-0.1135	1.02E-4	4.25E-4	4.93E-5
	CC7	-0.0182	0.0372	-0.1008	8.08E-5	4.22E-4	8.67E-5
	CC8	-0.0186	0.0434	-0.1035	8.89E-5	4.33E-4	7.98E-5
	CC9	0.0062	0.0104	-0.0887	-1.58E-5	-1.44E-4	-5.41E-5
	CC10	0.0047	0.0308	-0.0977	1.08E-5	-1.07E-4	-7.67E-5
	CC11	-0.0045	0.0411	-0.1029	3.78E-5	1.03E-4	-1.60E-5
	CC12	-0.0060	0.0615	-0.1118	6.44E-5	1.40E-4	-3.86E-5
	CC13	0.0049	-0.0617	-0.0554	-6.01E-5	-1.17E-4	4.77E-5
	CC14	0.0034	-0.0413	-0.0644	-3.35E-5	-7.96E-5	2.51E-5
	CC15	-0.0057	-0.0310	-0.0695	-6.52E-6	1.30E-4	8.57E-5
	CC16	-0.0072	-0.0105	-0.0785	2.01E-5	1.68E-4	6.31E-5
512	CC1	0.1073	-0.1984	-0.0236	-3.45E-4	-5.49E-4	-9.05E-5
	CC2	0.1048	-0.1699	-0.0328	-2.95E-4	-5.45E-4	-7.94E-5
	CC3	0.1093	-0.2992	0.0105	-5.32E-4	-5.25E-4	-7.78E-5
	CC4	0.1068	-0.2707	0.0013	-4.81E-4	-5.21E-4	-6.67E-5
	CC5	-0.1100	0.2689	-0.1728	4.70E-4	5.49E-4	6.31E-5
	CC6	-0.1126	0.2973	-0.1820	5.20E-4	5.53E-4	7.42E-5
	CC7	-0.1080	0.1680	-0.1387	2.83E-4	5.73E-4	7.58E-5
	CC8	-0.1106	0.1965	-0.1479	3.34E-4	5.77E-4	8.69E-5
	CC9	0.0319	0.0499	-0.1050	9.91E-5	-1.98E-4	-6.44E-5
	CC10	0.0235	0.1442	-0.1354	2.66E-4	-1.84E-4	-2.76E-5
	CC11	-0.0333	0.1901	-0.1498	3.44E-4	1.31E-4	-1.83E-5
	CC12	-0.0417	0.2843	-0.1802	5.11E-4	1.45E-4	1.85E-5
	CC13	0.0385	-0.2862	0.0087	-5.22E-4	-1.17E-4	-2.21E-5
	CC14	0.0301	-0.1919	-0.0217	-3.55E-4	-1.03E-4	1.47E-5
	CC15	-0.0267	-0.1460	-0.0361	-2.78E-4	2.12E-4	2.40E-5
	CC16	-0.0351	-0.0518	-0.0665	-1.11E-4	2.26E-4	6.08E-5
513	CC1	0.0595	-0.1126	-0.0308	6.49E-5	-5.60E-4	-4.99E-5
	CC2	0.0576	-0.0965	-0.0387	7.10E-5	-5.53E-4	-4.43E-5
	CC3	0.0622	-0.1691	-0.0017	4.23E-5	-5.40E-4	-4.53E-5
	CC4	0.0602	-0.1530	-0.0096	4.84E-5	-5.34E-4	-3.96E-5
	CC5	-0.0619	0.1525	-0.1596	-4.28E-5	5.43E-4	3.06E-5
	CC6	-0.0639	0.1685	-0.1675	-3.66E-5	5.50E-4	3.63E-5
	CC7	-0.0592	0.0959	-0.1304	-6.53E-5	5.63E-4	3.53E-5
	CC8	-0.0612	0.1120	-0.1383	-5.92E-5	5.69E-4	4.09E-5
	CC9	0.0162	0.0276	-0.1008	4.64E-5	-2.04E-4	-3.37E-5
	CC10	0.0097	0.0808	-0.1270	6.67E-5	-1.83E-4	-1.50E-5
	CC11	-0.0202	0.1071	-0.1394	1.41E-5	1.27E-4	-9.54E-6
	CC12	-0.0268	0.1603	-0.1656	3.44E-5	1.48E-4	9.18E-6
	CC13	0.0251	-0.1609	-0.0035	-2.88E-5	-1.38E-4	-1.82E-5
	CC14	0.0186	-0.1077	-0.0297	-8.47E-6	-1.17E-4	5.04E-7
	CC15	-0.0114	-0.0814	-0.0422	-6.11E-5	1.93E-4	5.95E-6
	CC16	-0.0179	-0.0282	-0.0683	-4.08E-5	2.14E-4	2.47E-5
514	CC1	0.0615	-0.1137	-0.0712	-1.87E-4	-5.98E-4	4.95E-5
	CC2	0.0596	-0.0974	-0.0729	-1.60E-4	-5.75E-4	4.40E-5
	CC3	0.0608	-0.1708	-0.0648	-2.66E-4	-6.18E-4	9.25E-5
	CC4	0.0589	-0.1545	-0.0665	-2.39E-4	-5.95E-4	8.70E-5
	CC5	-0.0615	0.1537	-0.1039	2.38E-4	6.07E-4	-5.96E-5
	CC6	-0.0634	0.1699	-0.1055	2.65E-4	6.30E-4	-6.51E-5
	CC7	-0.0622	0.0966	-0.0974	1.59E-4	5.87E-4	-1.66E-5
	CC8	-0.0641	0.1128	-0.0991	1.86E-4	6.10E-4	-2.21E-5
	CC9	0.0214	0.0278	-0.0882	2.17E-5	-1.79E-4	-3.24E-5
	CC10	0.0153	0.0815	-0.0938	1.11E-4	-1.02E-4	-5.07E-5
	CC11	-0.0155	0.1080	-0.0980	1.49E-4	1.82E-4	-6.52E-5
	CC12	-0.0216	0.1617	-0.1036	2.39E-4	2.59E-4	-8.34E-5
	CC13	0.0190	-0.1625	-0.0668	-2.40E-4	-2.47E-4	1.11E-4
	CC14	0.0129	-0.1088	-0.0723	-1.51E-4	-1.70E-4	9.26E-5
	CC15	-0.0179	-0.0823	-0.0766	-1.12E-4	1.14E-4	7.81E-5
	CC16	-0.0240	-0.0286	-0.0821	-2.30E-5	1.91E-4	5.99E-5
515	CC1	0.1129	-0.1997	-0.0782	-3.00E-4	-5.70E-4	-4.76E-5
	CC2	0.1093	-0.1710	-0.0787	-2.54E-4	-5.49E-4	-4.01E-5
	CC3	0.1115	-0.3012	-0.0759	-4.73E-4	-5.79E-4	-2.57E-5
	CC4	0.1079	-0.2726	-0.0763	-4.27E-4	-5.58E-4	-1.82E-5
	CC5	-0.1122	0.2705	-0.0969	4.31E-4	5.88E-4	4.73E-5
	CC6	-0.1158	0.2992	-0.0974	4.77E-4	6.09E-4	5.48E-5
	CC7	-0.1136	0.1690	-0.0946	2.58E-4	5.79E-4	6.93E-5
	CC8	-0.1172	0.1977	-0.0950	3.04E-4	6.00E-4	7.68E-5
	CC9	0.0400	0.0503	-0.0869	1.05E-4	-1.79E-4	-4.86E-5
	CC10	0.0279	0.1451	-0.0884	2.57E-4	-1.09E-4	-2.38E-5
	CC11	-0.0276	0.1913	-0.0925	3.25E-4	1.68E-4	-2.01E-5



	CC12	-0.0396	0.2862	-0.0940	4.76E-4	2.38E-4	4.67E-6
	CC13	0.0353	-0.2882	-0.0792	-4.72E-4	-2.08E-4	2.44E-5
	CC14	0.0233	-0.1933	-0.0807	-3.21E-4	-1.38E-4	4.93E-5
	CC15	-0.0323	-0.1472	-0.0848	-2.53E-4	1.39E-4	5.29E-5
	CC16	-0.0443	-0.0523	-0.0863	-1.01E-4	2.09E-4	7.78E-5
516	CC1	0.0238	-0.0565	-0.0438	-8.26E-4	-9.44E-5	-4.30E-4
	CC2	0.0233	-0.0486	-0.0406	-7.09E-4	-8.05E-5	-3.71E-4
	CC3	0.0210	-0.0820	-0.0581	-1.21E-3	-1.45E-4	-5.85E-4
	CC4	0.0205	-0.0740	-0.0548	-1.09E-3	-1.31E-4	-5.26E-4
	CC5	-0.0229	0.0734	-0.1145	1.09E-3	1.32E-4	5.24E-4
	CC6	-0.0234	0.0813	-0.1112	1.20E-3	1.45E-4	5.83E-4
	CC7	-0.0257	0.0480	-0.1288	7.01E-4	8.13E-5	3.69E-4
	CC8	-0.0262	0.0559	-0.1255	8.19E-4	9.52E-5	4.28E-4
	CC9	0.0113	0.0095	-0.0557	1.57E-4	2.74E-5	1.64E-5
	CC10	0.0097	0.0358	-0.0448	5.46E-4	7.33E-5	2.11E-4
	CC11	-0.0027	0.0485	-0.0769	7.31E-4	9.52E-5	3.03E-4
	CC12	-0.0043	0.0747	-0.0660	1.12E-3	1.41E-4	4.98E-4
	CC13	0.0020	-0.0754	-0.1033	-1.13E-3	-1.40E-4	-4.99E-4
	CC14	0.0003	-0.0491	-0.0924	-7.38E-4	-9.43E-5	-3.04E-4
	CC15	-0.0120	-0.0364	-0.1245	-5.53E-4	-7.25E-5	-2.13E-4
	CC16	-0.0136	-0.0101	-0.1136	-1.65E-4	-2.65E-5	-1.81E-5
517	CC1	0.0638	-0.1340	-0.0154	-9.36E-4	-1.96E-4	-3.11E-4
	CC2	0.0615	-0.1150	-0.0088	-8.01E-4	-1.67E-4	-2.69E-4
	CC3	0.0607	-0.1973	-0.0425	-1.39E-3	-2.96E-4	-3.98E-4
	CC4	0.0585	-0.1783	-0.0359	-1.26E-3	-2.68E-4	-3.57E-4
	CC5	-0.0630	0.1768	-0.1365	1.25E-3	2.70E-4	3.49E-4
	CC6	-0.0653	0.1958	-0.1299	1.39E-3	2.98E-4	3.91E-4
	CC7	-0.0661	0.1135	-0.1637	7.95E-4	1.69E-4	2.62E-4
	CC8	-0.0683	0.1325	-0.1571	9.31E-4	1.97E-4	3.03E-4
	CC9	0.0256	0.0268	-0.0338	2.07E-4	5.20E-5	-2.64E-5
	CC10	0.0181	0.0896	-0.0119	6.55E-4	1.46E-4	1.12E-4
	CC11	-0.0125	0.1200	-0.0701	8.64E-4	1.92E-4	1.72E-4
	CC12	-0.0200	0.1828	-0.0483	1.31E-3	2.86E-4	3.10E-4
	CC13	0.0154	-0.1843	-0.1242	-1.32E-3	-2.84E-4	-3.17E-4
	CC14	0.0079	-0.1215	-0.1023	-8.70E-4	-1.90E-4	-1.79E-4
	CC15	-0.0226	-0.0911	-0.1605	-6.61E-4	-1.44E-4	-1.19E-4
	CC16	-0.0301	-0.0282	-0.1387	-2.13E-4	-5.03E-5	1.87E-5
518	CC1	0.1138	-0.2181	0.0092	-9.77E-4	-1.84E-4	-1.52E-4
	CC2	0.1093	-0.1870	0.0186	-8.35E-4	-1.57E-4	-1.34E-4
	CC3	0.1110	-0.3238	-0.0290	-1.46E-3	-2.80E-4	-1.51E-4
	CC4	0.1064	-0.2927	-0.0196	-1.32E-3	-2.53E-4	-1.32E-4
	CC5	-0.1123	0.2901	-0.1556	1.30E-3	2.50E-4	1.17E-4
	CC6	-0.1168	0.3213	-0.1461	1.44E-3	2.77E-4	1.36E-4
	CC7	-0.1151	0.1844	-0.1937	8.20E-4	1.54E-4	1.19E-4
	CC8	-0.1197	0.2156	-0.1843	9.61E-4	1.81E-4	1.37E-4
	CC9	0.0433	0.0471	-0.0148	2.18E-4	4.89E-5	-8.04E-5
	CC10	0.0282	0.1502	0.0164	6.88E-4	1.38E-4	-1.96E-5
	CC11	-0.0245	0.1996	-0.0642	9.02E-4	1.79E-4	4.24E-7
	CC12	-0.0396	0.3027	-0.0331	1.37E-3	2.68E-4	6.12E-5
	CC13	0.0337	-0.3052	-0.1421	-1.39E-3	-2.71E-4	-7.62E-5
	CC14	0.0186	-0.2022	-0.1109	-9.17E-4	-1.82E-4	-1.54E-5
	CC15	-0.0341	-0.1528	-0.1915	-7.03E-4	-1.41E-4	4.61E-6
	CC16	-0.0492	-0.0497	-0.1603	-2.34E-4	-5.18E-5	6.54E-5
519	CC1	0.0222	-0.0563	-0.0015	-8.13E-4	-9.21E-5	-4.51E-4
	CC2	0.0211	-0.0484	-0.0136	-6.96E-4	-7.87E-5	-3.89E-4
	CC3	0.0253	-0.0816	0.0410	-1.20E-3	-1.43E-4	-6.21E-4
	CC4	0.0243	-0.0738	0.0288	-1.08E-3	-1.30E-4	-5.59E-4
	CC5	-0.0256	0.0735	-0.1957	1.08E-3	1.28E-4	5.56E-4
	CC6	-0.0266	0.0814	-0.2079	1.20E-3	1.42E-4	6.18E-4
	CC7	-0.0224	0.0481	-0.1533	6.96E-4	7.76E-5	3.86E-4
	CC8	-0.0235	0.0560	-0.1654	8.12E-4	9.10E-5	4.48E-4
	CC9	0.0029	0.0097	-0.1050	1.68E-4	2.90E-5	2.73E-5
	CC10	-0.0005	0.0358	-0.1452	5.53E-4	7.33E-5	2.33E-4
	CC11	-0.0114	0.0486	-0.1632	7.37E-4	9.51E-5	3.30E-4
	CC12	-0.0148	0.0747	-0.2034	1.12E-3	1.39E-4	5.35E-4
	CC13	0.0135	-0.0750	0.0366	-1.12E-3	-1.41E-4	-5.38E-4
	CC14	0.0101	-0.0488	-0.0037	-7.38E-4	-9.62E-5	-3.33E-4
	CC15	-0.0008	-0.0360	-0.0217	-5.53E-4	-7.44E-5	-2.36E-4
	CC16	-0.0042	-0.0099	-0.0619	-1.69E-4	-3.01E-5	-3.04E-5
520	CC1	0.0577	-0.1322	0.0207	-8.90E-4	-1.81E-4	-3.48E-4
	CC2	0.0561	-0.1135	0.0050	-7.61E-4	-1.55E-4	-3.01E-4
	CC3	0.0618	-0.1947	0.0759	-1.33E-3	-2.76E-4	-4.57E-4

	CC4	0.0603	-0.1760	0.0603	-1.20E-3	-2.50E-4	-4.10E-4
	CC5	-0.0628	0.1752	-0.2289	1.20E-3	2.48E-4	4.01E-4
	CC6	-0.0644	0.1939	-0.2446	1.32E-3	2.74E-4	4.49E-4
	CC7	-0.0586	0.1127	-0.1736	7.53E-4	1.54E-4	2.93E-4
	CC8	-0.0602	0.1314	-0.1893	8.81E-4	1.80E-4	3.40E-4
	CC9	0.0124	0.0266	-0.1131	2.09E-4	5.00E-5	-1.36E-5
	CC10	0.0072	0.0887	-0.1649	6.35E-4	1.36E-4	1.43E-4
	CC11	-0.0237	0.1188	-0.1879	8.35E-4	1.79E-4	2.11E-4
	CC12	-0.0289	0.1809	-0.2398	1.26E-3	2.65E-4	3.68E-4
	CC13	0.0264	-0.1817	0.0712	-1.27E-3	-2.66E-4	-3.76E-4
	CC14	0.0211	-0.1196	0.0193	-8.43E-4	-1.80E-4	-2.19E-4
	CC15	-0.0098	-0.0895	-0.0037	-6.43E-4	-1.37E-4	-1.51E-4
	CC16	-0.0150	-0.0274	-0.0556	-2.18E-4	-5.11E-5	5.38E-6
521	CC1	0.1022	-0.2153	0.0401	-9.54E-4	-1.86E-4	-2.01E-4
	CC2	0.1004	-0.1846	0.0213	-8.15E-4	-1.59E-4	-1.74E-4
	CC3	0.1061	-0.3195	0.1070	-1.44E-3	-2.86E-4	-2.28E-4
	CC4	0.1043	-0.2888	0.0883	-1.30E-3	-2.59E-4	-2.02E-4
	CC5	-0.1078	0.2867	-0.2583	1.28E-3	2.55E-4	1.92E-4
	CC6	-0.1096	0.3175	-0.2771	1.42E-3	2.82E-4	2.18E-4
	CC7	-0.1038	0.1825	-0.1914	7.99E-4	1.55E-4	1.65E-4
	CC8	-0.1056	0.2132	-0.2101	9.38E-4	1.82E-4	1.91E-4
	CC9	0.0262	0.0465	-0.1208	2.30E-4	5.38E-5	-6.16E-5
	CC10	0.0203	0.1483	-0.1829	6.90E-4	1.44E-4	2.57E-5
	CC11	-0.0368	0.1971	-0.2103	9.00E-4	1.86E-4	5.62E-5
	CC12	-0.0427	0.2989	-0.2724	1.36E-3	2.76E-4	1.44E-4
	CC13	0.0393	-0.3010	0.1023	-1.38E-3	-2.80E-4	-1.53E-4
	CC14	0.0333	-0.1992	0.0403	-9.17E-4	-1.90E-4	-6.59E-5
	CC15	-0.0237	-0.1503	0.0128	-7.06E-4	-1.48E-4	-3.54E-5
	CC16	-0.0297	-0.0486	-0.0492	-2.46E-4	-5.79E-5	5.19E-5
522	CC1	0.1278	-0.0182	-0.0398	-9.95E-5	4.35E-29	-9.70E-5
	CC2	0.1227	-0.0129	-0.0406	-6.74E-5	4.35E-29	-8.39E-5
	CC3	0.1258	-0.1302	-0.0506	-8.30E-4	2.82E-29	-9.98E-5
	CC4	0.1207	-0.1250	-0.0513	-7.98E-4	2.82E-29	-8.67E-5
	CC5	-0.1211	0.1229	-0.1489	7.74E-4	-2.82E-29	8.86E-5
	CC6	-0.1262	0.1282	-0.1497	8.07E-4	-2.82E-29	1.02E-4
	CC7	-0.1231	0.0109	-0.1597	4.42E-5	-4.35E-29	8.59E-5
	CC8	-0.1282	0.0161	-0.1604	7.64E-5	-4.35E-29	9.89E-5
	CC9	0.0490	0.1559	-0.0646	1.02E-3	3.64E-29	-4.38E-5
	CC10	0.0320	0.1732	-0.0671	1.13E-3	3.64E-29	-6.53E-7
	CC11	-0.0257	0.1983	-0.0973	1.28E-3	1.49E-29	1.18E-5
	CC12	-0.0427	0.2155	-0.0999	1.39E-3	1.49E-29	5.50E-5
	CC13	0.0423	-0.2176	-0.1004	-1.41E-3	-1.49E-29	-5.31E-5
	CC14	0.0253	-0.2003	-0.1029	-1.31E-3	-1.49E-29	-9.92E-6
	CC15	-0.0324	-0.1752	-0.1331	-1.15E-3	-3.64E-29	2.58E-6
	CC16	-0.0494	-0.1580	-0.1357	-1.04E-3	-3.64E-29	4.58E-5
523	CC1	0.0720	-0.0095	-0.0514	-1.09E-4	1.68E-28	-7.02E-5
	CC2	0.0692	-0.0069	-0.0517	-7.96E-5	1.68E-28	-6.05E-5
	CC3	0.0709	-0.0642	-0.0617	-6.89E-4	1.09E-28	-8.31E-5
	CC4	0.0680	-0.0616	-0.0619	-6.60E-4	1.09E-28	-7.34E-5
	CC5	-0.0678	0.0610	-0.1346	6.51E-4	-1.09E-28	7.43E-5
	CC6	-0.0707	0.0636	-0.1349	6.80E-4	-1.09E-28	8.40E-5
	CC7	-0.0690	0.0062	-0.1449	6.98E-5	-1.68E-28	6.14E-5
	CC8	-0.0719	0.0088	-0.1451	9.87E-5	-1.68E-28	7.11E-5
	CC9	0.0278	0.0761	-0.0683	8.01E-4	1.40E-28	-1.57E-5
	CC10	0.0183	0.0847	-0.0691	8.97E-4	1.40E-28	1.63E-5
	CC11	-0.0142	0.0973	-0.0933	1.03E-3	5.66E-29	2.76E-5
	CC12	-0.0237	0.1058	-0.0940	1.12E-3	5.66E-29	5.97E-5
	CC13	0.0238	-0.1065	-0.1025	-1.13E-3	-5.66E-29	-5.88E-5
	CC14	0.0144	-0.0979	-0.1032	-1.04E-3	-5.66E-29	-2.67E-5
	CC15	-0.0181	-0.0853	-0.1275	-9.07E-4	-1.40E-28	-1.54E-5
	CC16	-0.0276	-0.0768	-0.1282	-8.11E-4	-1.40E-28	1.66E-5
524	CC1	0.0227	-0.0022	-0.0509	-6.58E-5	5.46E-29	-3.73E-5
	CC2	0.0218	-0.0015	-0.0510	-4.90E-5	5.46E-29	-3.18E-5
	CC3	0.0224	-0.0168	-0.0608	-4.00E-4	3.54E-29	-6.11E-5
	CC4	0.0215	-0.0162	-0.0609	-3.83E-4	3.54E-29	-5.56E-5
	CC5	-0.0210	0.0161	-0.1317	3.81E-4	-3.54E-29	5.60E-5
	CC6	-0.0219	0.0167	-0.1318	3.98E-4	-3.54E-29	6.16E-5
	CC7	-0.0214	0.0014	-0.1416	4.64E-5	-5.46E-29	3.23E-5
	CC8	-0.0223	0.0021	-0.1417	6.32E-5	-5.46E-29	3.78E-5
	CC9	0.0089	0.0205	-0.0674	4.61E-4	4.56E-29	1.67E-5
	CC10	0.0059	0.0226	-0.0680	5.17E-4	4.56E-29	3.50E-5
	CC11	-0.0042	0.0260	-0.0916	5.95E-4	1.86E-29	4.47E-5

	CC12	-0.0072	0.0281	-0.0922	6.51E-4	1.86E-29	6.30E-5
	CC13	0.0076	-0.0282	-0.1004	-6.53E-4	-1.86E-29	-6.26E-5
	CC14	0.0047	-0.0261	-0.1010	-5.98E-4	-1.86E-29	-4.42E-5
	CC15	-0.0055	-0.0227	-0.1246	-5.19E-4	-4.56E-29	-3.46E-5
	CC16	-0.0084	-0.0206	-0.1252	-4.64E-4	-4.56E-29	-1.62E-5
525	CC1	0.0313	-0.0026	-0.0100	-4.82E-5	3.06E-3	-2.05E-5
	CC2	0.0300	-0.0020	-0.0119	-3.41E-5	3.06E-3	-1.89E-5
	CC3	0.0306	-0.0167	-0.0204	-3.73E-4	1.98E-3	1.21E-5
	CC4	0.0293	-0.0160	-0.0223	-3.59E-4	1.98E-3	1.37E-5
	CC5	-0.0304	0.0158	-0.1704	3.54E-4	-1.98E-3	-1.28E-5
	CC6	-0.0317	0.0165	-0.1722	3.68E-4	-1.98E-3	-1.12E-5
	CC7	-0.0311	0.0018	-0.1808	2.91E-5	-3.06E-3	1.98E-5
	CC8	-0.0323	0.0024	-0.1827	4.31E-5	-3.06E-3	2.13E-5
	CC9	0.0119	0.0194	-0.0518	4.56E-4	2.55E-3	-5.76E-5
	CC10	0.0077	0.0216	-0.0580	5.02E-4	2.55E-3	-5.23E-5
	CC11	-0.0066	0.0249	-0.0999	5.76E-4	1.03E-3	-5.53E-5
	CC12	-0.0108	0.0272	-0.1062	6.23E-4	1.03E-3	-5.00E-5
	CC13	0.0097	-0.0274	-0.0865	-6.28E-4	-1.03E-3	5.09E-5
	CC14	0.0055	-0.0251	-0.0927	-5.82E-4	-1.03E-3	5.62E-5
	CC15	-0.0088	-0.0218	-0.1346	-5.07E-4	-2.55E-3	5.32E-5
	CC16	-0.0130	-0.0196	-0.1408	-4.61E-4	-2.55E-3	5.85E-5
526	CC1	0.0735	-0.0068	0.0114	-3.53E-5	4.71E-29	-5.47E-5
	CC2	0.0705	-0.0046	0.0086	-1.60E-5	4.71E-29	-4.85E-5
	CC3	0.0721	-0.0608	0.0005	-6.22E-4	3.07E-29	-2.05E-5
	CC4	0.0692	-0.0586	-0.0023	-6.02E-4	3.07E-29	-1.42E-5
	CC5	-0.0708	0.0576	-0.1937	5.89E-4	-3.07E-29	1.58E-5
	CC6	-0.0737	0.0598	-0.1965	6.08E-4	-3.07E-29	2.20E-5
	CC7	-0.0722	0.0036	-0.2046	2.53E-6	-4.71E-29	5.01E-5
	CC8	-0.0751	0.0058	-0.2075	2.18E-5	-4.71E-29	5.63E-5
	CC9	0.0280	0.0762	-0.0443	8.45E-4	3.90E-29	-7.72E-5
	CC10	0.0182	0.0835	-0.0538	9.09E-4	3.90E-29	-5.66E-5
	CC11	-0.0153	0.0955	-0.1059	1.03E-3	1.57E-29	-5.60E-5
	CC12	-0.0250	0.1028	-0.1153	1.10E-3	1.57E-29	-3.54E-5
	CC13	0.0234	-0.1038	-0.0807	-1.11E-3	-1.57E-29	3.70E-5
	CC14	0.0136	-0.0965	-0.0901	-1.05E-3	-1.57E-29	5.76E-5
	CC15	-0.0199	-0.0845	-0.1423	-9.22E-4	-3.90E-29	5.81E-5
	CC16	-0.0297	-0.0772	-0.1517	-8.59E-4	-3.90E-29	7.87E-5
527	CC1	0.1233	-0.0086	0.0210	3.41E-6	4.91E-31	-9.53E-5
	CC2	0.1183	-0.0047	0.0177	2.26E-5	4.91E-31	-8.34E-5
	CC3	0.1213	-0.1210	0.0097	-7.45E-4	3.18E-31	-7.02E-5
	CC4	0.1163	-0.1171	0.0064	-7.26E-4	3.18E-31	-5.84E-5
	CC5	-0.1182	0.1145	-0.2055	7.02E-4	-3.18E-31	6.09E-5
	CC6	-0.1231	0.1184	-0.2088	7.21E-4	-3.18E-31	7.27E-5
	CC7	-0.1202	0.0021	-0.2168	-4.61E-5	-4.91E-31	8.59E-5
	CC8	-0.1252	0.0061	-0.2202	-2.69E-5	-4.91E-31	9.78E-5
	CC9	0.0469	0.1610	-0.0412	1.10E-3	4.09E-31	-8.35E-5
	CC10	0.0305	0.1740	-0.0523	1.16E-3	4.09E-31	-4.43E-5
	CC11	-0.0255	0.1979	-0.1092	1.31E-3	1.66E-31	-3.66E-5
	CC12	-0.0420	0.2110	-0.1202	1.37E-3	1.66E-31	2.53E-6
	CC13	0.0401	-0.2136	-0.0789	-1.40E-3	-1.66E-31	-2.61E-8
	CC14	0.0236	-0.2005	-0.0900	-1.33E-3	-1.66E-31	3.91E-5
	CC15	-0.0323	-0.1766	-0.1469	-1.19E-3	-4.09E-31	4.68E-5
	CC16	-0.0488	-0.1636	-0.1579	-1.12E-3	-4.09E-31	8.60E-5
528	CC1	0.1558	-0.0253	-0.0155	-6.06E-5	8.40E-29	-1.25E-4
	CC2	0.1495	-0.0180	-0.0173	-3.21E-5	8.40E-29	-1.08E-4
	CC3	0.1535	-0.1809	-0.0266	-8.34E-4	5.46E-29	-1.14E-4
	CC4	0.1472	-0.1736	-0.0284	-8.06E-4	5.46E-29	-9.75E-5
	CC5	-0.1486	0.1700	-0.1746	7.73E-4	-5.46E-29	1.01E-4
	CC6	-0.1549	0.1773	-0.1764	8.01E-4	-5.46E-29	1.17E-4
	CC7	-0.1510	0.0144	-0.1857	-7.17E-7	-8.40E-29	1.12E-4
	CC8	-0.1573	0.0217	-0.1875	2.78E-5	-8.40E-29	1.28E-4
	CC9	0.0593	0.2162	-0.0562	1.10E-3	6.98E-29	-7.74E-5
	CC10	0.0384	0.2404	-0.0622	1.20E-3	6.98E-29	-2.37E-5
	CC11	-0.0321	0.2748	-0.1039	1.35E-3	2.82E-29	-9.79E-6
	CC12	-0.0529	0.2989	-0.1099	1.45E-3	2.82E-29	4.39E-5
	CC13	0.0515	-0.3026	-0.0931	-1.48E-3	-2.82E-29	-4.08E-5
	CC14	0.0306	-0.2784	-0.0991	-1.38E-3	-2.82E-29	1.29E-5
	CC15	-0.0399	-0.2440	-0.1408	-1.23E-3	-6.98E-29	2.68E-5
	CC16	-0.0607	-0.2198	-0.1468	-1.13E-3	-6.98E-29	8.05E-5
529	CC1	0.0278	-0.0010	-0.0398	-1.79E-5	1.14E-28	-1.63E-5
	CC2	0.0267	-0.0005	-0.0405	-7.36E-6	1.14E-28	-1.42E-5
	CC3	0.0272	-0.0165	-0.0501	-3.60E-4	7.39E-29	-1.51E-5

	CC4	0.0261	-0.0160	-0.0507	-3.50E-4	7.39E-29	-1.30E-5
	CC5	-0.0267	0.0157	-0.1416	3.44E-4	-7.39E-29	1.31E-5
	CC6	-0.0278	0.0162	-0.1422	3.55E-4	-7.39E-29	1.52E-5
	CC7	-0.0273	0.0003	-0.1519	1.74E-6	-1.14E-28	1.43E-5
	CC8	-0.0284	0.0008	-0.1525	1.23E-5	-1.14E-28	1.64E-5
	CC9	0.0107	0.0223	-0.0628	4.96E-4	9.46E-29	-9.78E-6
	CC10	0.0070	0.0240	-0.0649	5.31E-4	9.46E-29	-2.89E-6
	CC11	-0.0057	0.0273	-0.0933	6.05E-4	3.83E-29	-9.49E-7
	CC12	-0.0093	0.0290	-0.0954	6.40E-4	3.83E-29	5.94E-6
	CC13	0.0087	-0.0292	-0.0969	-6.46E-4	-3.83E-29	-5.81E-6
	CC14	0.0051	-0.0276	-0.0990	-6.11E-4	-3.83E-29	1.08E-6
	CC15	-0.0076	-0.0242	-0.1274	-5.37E-4	-9.46E-29	3.02E-6
	CC16	-0.0113	-0.0226	-0.1296	-5.02E-4	-9.46E-29	9.91E-6
530	CC1	0.0707	-0.0017	-0.0284	3.72E-6	3.73E-29	-5.11E-5
	CC2	0.0679	-0.0001	-0.0296	1.78E-5	3.73E-29	-4.46E-5
	CC3	0.0694	-0.0577	-0.0392	-5.83E-4	2.42E-29	-4.34E-5
	CC4	0.0666	-0.0561	-0.0404	-5.69E-4	2.42E-29	-3.70E-5
	CC5	-0.0677	0.0551	-0.1553	5.55E-4	-2.42E-29	3.73E-5
	CC6	-0.0706	0.0566	-0.1565	5.69E-4	-2.42E-29	4.38E-5
	CC7	-0.0691	-0.0010	-0.1661	-3.16E-5	-3.73E-29	4.49E-5
	CC8	-0.0719	0.0006	-0.1673	-1.74E-5	-3.73E-29	5.14E-5
	CC9	0.0271	0.0818	-0.0589	8.64E-4	3.11E-29	-3.65E-5
	CC10	0.0177	0.0870	-0.0628	9.11E-4	3.11E-29	-1.51E-5
	CC11	-0.0145	0.0988	-0.0969	1.03E-3	1.26E-29	-1.00E-5
	CC12	-0.0238	0.1040	-0.1008	1.08E-3	1.26E-29	1.14E-5
	CC13	0.0227	-0.1051	-0.0949	-1.09E-3	-1.26E-29	-1.11E-5
	CC14	0.0133	-0.0999	-0.0988	-1.04E-3	-1.26E-29	1.03E-5
	CC15	-0.0189	-0.0881	-0.1329	-9.25E-4	-3.11E-29	1.54E-5
	CC16	-0.0282	-0.0829	-0.1369	-8.78E-4	-3.11E-29	3.68E-5
531	CC1	0.1208	0.0003	-0.0194	4.17E-5	1.04E-28	-9.22E-5
	CC2	0.1159	0.0031	-0.0210	5.55E-5	1.04E-28	-8.04E-5
	CC3	0.1188	-0.1137	-0.0307	-7.02E-4	6.76E-29	-8.15E-5
	CC4	0.1139	-0.1109	-0.0324	-6.88E-4	6.76E-29	-6.96E-5
	CC5	-0.1153	0.1082	-0.1665	6.63E-4	-6.76E-29	7.02E-5
	CC6	-0.1202	0.1110	-0.1681	6.77E-4	-6.76E-29	8.20E-5
	CC7	-0.1173	-0.0059	-0.1778	-8.00E-5	-1.04E-28	8.09E-5
	CC8	-0.1222	-0.0031	-0.1795	-6.61E-5	-1.04E-28	9.27E-5
	CC9	0.0461	0.1679	-0.0558	1.11E-3	8.68E-29	-6.15E-5
	CC10	0.0300	0.1772	-0.0612	1.16E-3	8.68E-29	-2.24E-5
	CC11	-0.0248	0.2002	-0.0999	1.30E-3	3.52E-29	-1.28E-5
	CC12	-0.0408	0.2095	-0.1053	1.34E-3	3.52E-29	2.63E-5
	CC13	0.0394	-0.2122	-0.0935	-1.37E-3	-3.52E-29	-2.58E-5
	CC14	0.0233	-0.2030	-0.0989	-1.32E-3	-3.52E-29	1.34E-5
	CC15	-0.0314	-0.1799	-0.1377	-1.18E-3	-8.68E-29	2.29E-5
	CC16	-0.0475	-0.1706	-0.1431	-1.13E-3	-8.68E-29	6.21E-5
532	CC1	0.1165	0.0833	-0.1352	5.12E-4	2.06E-6	-9.15E-5
	CC2	0.1118	0.0819	-0.1322	5.00E-4	1.95E-6	-8.02E-5
	CC3	0.1146	-0.0331	-0.1460	-2.56E-4	-3.77E-6	-8.16E-5
	CC4	0.1099	-0.0345	-0.1429	-2.68E-4	-3.89E-6	-7.04E-5
	CC5	-0.1104	0.0324	-0.0570	2.46E-4	3.69E-6	6.43E-5
	CC6	-0.1151	0.0310	-0.0540	2.34E-4	3.58E-6	7.55E-5
	CC7	-0.1123	-0.0840	-0.0677	-5.21E-4	-2.14E-6	7.41E-5
	CC8	-0.1170	-0.0854	-0.0647	-5.33E-4	-2.26E-6	8.54E-5
	CC9	0.0446	0.2029	-0.0988	1.33E-3	9.57E-6	-6.15E-5
	CC10	0.0292	0.1983	-0.0888	1.29E-3	9.20E-6	-2.42E-5
	CC11	-0.0235	0.1876	-0.0753	1.25E-3	1.01E-5	-1.48E-5
	CC12	-0.0389	0.1831	-0.0653	1.21E-3	9.69E-6	2.25E-5
	CC13	0.0384	-0.1851	-0.1346	-1.23E-3	-9.88E-6	-2.86E-5
	CC14	0.0230	-0.1897	-0.1246	-1.27E-3	-1.03E-5	8.73E-6
	CC15	-0.0297	-0.2004	-0.1111	-1.31E-3	-9.39E-6	1.81E-5
	CC16	-0.0451	-0.2050	-0.1011	-1.35E-3	-9.77E-6	5.55E-5
533	CC1	0.0681	0.0423	-0.1234	4.30E-4	3.08E-6	-4.44E-5
	CC2	0.0654	0.0418	-0.1208	4.23E-4	2.98E-6	-3.90E-5
	CC3	0.0669	-0.0146	-0.1337	-1.72E-4	-1.60E-6	-3.99E-5
	CC4	0.0642	-0.0151	-0.1311	-1.79E-4	-1.69E-6	-3.45E-5
	CC5	-0.0645	0.0144	-0.0652	1.69E-4	1.63E-6	3.09E-5
	CC6	-0.0672	0.0139	-0.0627	1.62E-4	1.53E-6	3.63E-5
	CC7	-0.0657	-0.0425	-0.0755	-4.33E-4	-3.05E-6	3.54E-5
	CC8	-0.0684	-0.0430	-0.0729	-4.40E-4	-3.15E-6	4.08E-5
	CC9	0.0262	0.0996	-0.0940	1.05E-3	8.14E-6	-2.95E-5
	CC10	0.0173	0.0978	-0.0855	1.03E-3	7.82E-6	-1.16E-5
	CC11	-0.0136	0.0912	-0.0765	9.72E-4	7.70E-6	-6.93E-6

	CC12	-0.0225	0.0894	-0.0681	9.48E-4	7.38E-6	1.10E-5
	CC13	0.0222	-0.0901	-0.1283	-9.58E-4	-7.45E-6	-1.45E-5
	CC14	0.0133	-0.0918	-0.1198	-9.82E-4	-7.77E-6	3.36E-6
	CC15	-0.0176	-0.0985	-0.1108	-1.04E-3	-7.88E-6	8.07E-6
	CC16	-0.0265	-0.1002	-0.1024	-1.06E-3	-8.20E-6	2.60E-5
534	CC1	0.0277	0.0119	-0.1128	2.68E-4	2.18E-6	-9.41E-6
	CC2	0.0266	0.0118	-0.1107	2.66E-4	2.14E-6	-8.33E-6
	CC3	0.0272	-0.0035	-0.1226	-8.29E-5	-8.59E-7	-6.64E-6
	CC4	0.0261	-0.0036	-0.1205	-8.54E-5	-9.02E-7	-5.56E-6
	CC5	-0.0262	0.0035	-0.0721	8.26E-5	8.81E-7	4.55E-6
	CC6	-0.0273	0.0034	-0.0701	8.01E-5	8.38E-7	5.64E-6
	CC7	-0.0268	-0.0119	-0.0820	-2.69E-4	-2.16E-6	7.32E-6
	CC8	-0.0279	-0.0120	-0.0799	-2.71E-4	-2.20E-6	8.40E-6
	CC9	0.0107	0.0271	-0.0895	6.16E-4	5.32E-6	-9.00E-6
	CC10	0.0072	0.0267	-0.0826	6.08E-4	5.18E-6	-5.42E-6
	CC11	-0.0054	0.0245	-0.0773	5.60E-4	4.93E-6	-4.81E-6
	CC12	-0.0090	0.0242	-0.0704	5.52E-4	4.79E-6	-1.23E-6
	CC13	0.0089	-0.0243	-0.1222	-5.55E-4	-4.81E-6	2.26E-7
	CC14	0.0053	-0.0247	-0.1154	-5.63E-4	-4.95E-6	3.81E-6
	CC15	-0.0073	-0.0269	-0.1100	-6.10E-4	-5.20E-6	4.41E-6
	CC16	-0.0109	-0.0272	-0.1032	-6.19E-4	-5.34E-6	7.99E-6
535	CC1	0.0296	0.0123	-0.0754	2.79E-4	1.84E-6	-9.16E-6
	CC2	0.0284	0.0123	-0.0739	2.79E-4	1.84E-6	-8.02E-6
	CC3	0.0289	-0.0029	-0.0854	-6.73E-5	-4.44E-7	-8.20E-6
	CC4	0.0278	-0.0029	-0.0839	-6.74E-5	-4.45E-7	-7.06E-6
	CC5	-0.0281	0.0027	-0.1087	6.28E-5	4.14E-7	6.27E-6
	CC6	-0.0292	0.0027	-0.1073	6.27E-5	4.14E-7	7.42E-6
	CC7	-0.0287	-0.0125	-0.1187	-2.83E-4	-1.87E-6	7.23E-6
	CC8	-0.0299	-0.0125	-0.1173	-2.83E-4	-1.87E-6	8.37E-6
	CC9	0.0115	0.0268	-0.0771	6.07E-4	4.01E-6	-6.19E-6
	CC10	0.0076	0.0268	-0.0723	6.07E-4	4.01E-6	-2.41E-6
	CC11	-0.0058	0.0239	-0.0871	5.42E-4	3.58E-6	-1.56E-6
	CC12	-0.0097	0.0239	-0.0823	5.42E-4	3.58E-6	2.22E-6
	CC13	0.0094	-0.0241	-0.1104	-5.47E-4	-3.61E-6	-3.00E-6
	CC14	0.0055	-0.0241	-0.1056	-5.47E-4	-3.61E-6	7.79E-7
	CC15	-0.0079	-0.0270	-0.1204	-6.12E-4	-4.04E-6	1.63E-6
	CC16	-0.0118	-0.0270	-0.1156	-6.12E-4	-4.04E-6	5.41E-6
536	CC1	0.0289	0.0128	-0.0734	4.55E-5	9.94E-7	-7.63E-6
	CC2	0.0278	0.0129	-0.0726	4.78E-5	9.85E-7	-6.69E-6
	CC3	0.0283	-0.0024	-0.0835	-3.02E-4	-2.92E-7	-6.76E-6
	CC4	0.0271	-0.0023	-0.0827	-3.00E-4	-3.01E-7	-5.82E-6
	CC5	-0.0275	0.0021	-0.1099	2.94E-4	2.87E-7	5.63E-6
	CC6	-0.0286	0.0022	-0.1091	2.96E-4	2.78E-7	6.58E-6
	CC7	-0.0281	-0.0131	-0.1200	-5.33E-5	-9.98E-7	6.50E-6
	CC8	-0.0293	-0.0131	-0.1192	-5.10E-5	-1.01E-6	7.45E-6
	CC9	0.0112	0.0267	-0.0753	5.35E-4	2.26E-6	-5.10E-6
	CC10	0.0074	0.0270	-0.0726	5.43E-4	2.23E-6	-1.96E-6
	CC11	-0.0057	0.0235	-0.0863	6.10E-4	2.04E-6	-1.12E-6
	CC12	-0.0095	0.0238	-0.0835	6.17E-4	2.01E-6	2.02E-6
	CC13	0.0091	-0.0240	-0.1090	-6.23E-4	-2.03E-6	-2.20E-6
	CC14	0.0054	-0.0238	-0.1063	-6.15E-4	-2.06E-6	9.34E-7
	CC15	-0.0078	-0.0272	-0.1200	-5.48E-4	-2.24E-6	1.78E-6
	CC16	-0.0115	-0.0270	-0.1173	-5.41E-4	-2.27E-6	4.91E-6
537	CC1	0.1162	0.0889	-0.1150	1.91E-4	4.65E-9	-8.51E-5
	CC2	0.1115	0.0885	-0.1131	1.86E-4	1.29E-7	-7.44E-5
	CC3	0.1143	-0.0267	-0.1260	-5.68E-4	-4.87E-6	-7.76E-5
	CC4	0.1096	-0.0271	-0.1241	-5.73E-4	-4.75E-6	-6.69E-5
	CC5	-0.1104	0.0246	-0.0756	5.50E-4	4.56E-6	6.28E-5
	CC6	-0.1150	0.0242	-0.0736	5.45E-4	4.68E-6	7.36E-5
	CC7	-0.1123	-0.0910	-0.0865	-2.09E-4	-3.15E-7	7.03E-5
	CC8	-0.1169	-0.0914	-0.0846	-2.14E-4	-1.90E-7	8.10E-5
	CC9	0.0444	0.2017	-0.0906	1.21E-3	7.14E-6	-5.44E-5
	CC10	0.0291	0.2004	-0.0843	1.19E-3	7.56E-6	-1.89E-5
	CC11	-0.0235	0.1824	-0.0788	1.32E-3	8.51E-6	-1.01E-5
	CC12	-0.0389	0.1812	-0.0724	1.30E-3	8.92E-6	2.55E-5
	CC13	0.0382	-0.1837	-0.1272	-1.32E-3	-9.11E-6	-2.95E-5
	CC14	0.0228	-0.1850	-0.1208	-1.34E-3	-8.70E-6	5.99E-6
	CC15	-0.0298	-0.2030	-0.1154	-1.21E-3	-7.74E-6	1.48E-5
	CC16	-0.0452	-0.2042	-0.1090	-1.23E-3	-7.33E-6	5.04E-5
538	CC1	0.0688	0.0447	-0.1117	1.26E-4	8.28E-7	-3.62E-5
	CC2	0.0661	0.0446	-0.1100	1.24E-4	8.17E-7	-3.16E-5
	CC3	0.0675	-0.0118	-0.1222	-4.72E-4	-3.12E-6	-3.25E-5

	CC4	0.0648	-0.0119	-0.1205	-4.74E-4	-3.13E-6	-2.79E-5
	CC5	-0.0654	0.0109	-0.0757	4.61E-4	3.04E-6	2.55E-5
	CC6	-0.0681	0.0108	-0.0740	4.60E-4	3.03E-6	3.01E-5
	CC7	-0.0666	-0.0456	-0.0861	-1.37E-4	-9.02E-7	2.92E-5
	CC8	-0.0694	-0.0457	-0.0844	-1.38E-4	-9.14E-7	3.38E-5
	CC9	0.0264	0.0989	-0.0888	9.43E-4	6.22E-6	-2.41E-5
	CC10	0.0174	0.0986	-0.0832	9.37E-4	6.18E-6	-9.11E-6
	CC11	-0.0138	0.0888	-0.0780	1.04E-3	6.89E-6	-5.60E-6
	CC12	-0.0228	0.0885	-0.0724	1.04E-3	6.85E-6	9.40E-6
	CC13	0.0223	-0.0895	-0.1238	-1.05E-3	-6.93E-6	-1.18E-5
	CC14	0.0132	-0.0897	-0.1182	-1.06E-3	-6.97E-6	3.19E-6
	CC15	-0.0180	-0.0996	-0.1129	-9.50E-4	-6.27E-6	6.70E-6
	CC16	-0.0270	-0.0999	-0.1073	-9.56E-4	-6.31E-6	2.17E-5
539	CC1	0.0688	0.0078	-0.0757	8.51E-5	2.37E-6	-3.75E-5
	CC2	0.0660	0.0081	-0.0748	8.87E-5	2.35E-6	-3.26E-5
	CC3	0.0675	-0.0485	-0.0863	-5.12E-4	-7.91E-7	-3.57E-5
	CC4	0.0648	-0.0482	-0.0854	-5.08E-4	-8.14E-7	-3.08E-5
	CC5	-0.0655	0.0471	-0.1104	4.94E-4	7.54E-7	3.05E-5
	CC6	-0.0682	0.0475	-0.1096	4.98E-4	7.31E-7	3.54E-5
	CC7	-0.0668	-0.0092	-0.1211	-1.02E-4	-2.41E-6	3.22E-5
	CC8	-0.0695	-0.0088	-0.1202	-9.88E-5	-2.43E-6	3.72E-5
	CC9	0.0264	0.0869	-0.0765	9.20E-4	5.52E-6	-2.15E-5
	CC10	0.0174	0.0879	-0.0735	9.32E-4	5.45E-6	-5.22E-6
	CC11	-0.0139	0.0987	-0.0869	1.04E-3	5.04E-6	-1.09E-6
	CC12	-0.0229	0.0998	-0.0840	1.06E-3	4.96E-6	1.52E-5
	CC13	0.0222	-0.1008	-0.1119	-1.07E-3	-5.02E-6	-1.55E-5
	CC14	0.0131	-0.0997	-0.1090	-1.06E-3	-5.10E-6	7.50E-7
	CC15	-0.0181	-0.0890	-0.1224	-9.46E-4	-5.51E-6	4.89E-6
	CC16	-0.0271	-0.0879	-0.1194	-9.34E-4	-5.58E-6	2.11E-5
540	CC1	0.1166	0.0172	-0.0770	1.33E-4	1.97E-7	-8.14E-5
	CC2	0.1119	0.0178	-0.0761	1.36E-4	2.78E-7	-7.08E-5
	CC3	0.1147	-0.0979	-0.0882	-6.23E-4	-4.08E-6	-7.73E-5
	CC4	0.1100	-0.0973	-0.0873	-6.21E-4	-4.00E-6	-6.66E-5
	CC5	-0.1110	0.0946	-0.1119	5.96E-4	3.85E-6	6.59E-5
	CC6	-0.1157	0.0952	-0.1110	5.99E-4	3.93E-6	7.65E-5
	CC7	-0.1129	-0.0205	-0.1231	-1.60E-4	-4.29E-7	7.00E-5
	CC8	-0.1176	-0.0199	-0.1222	-1.58E-4	-3.48E-7	8.07E-5
	CC9	0.0446	0.1779	-0.0772	1.18E-3	6.37E-6	-4.70E-5
	CC10	0.0291	0.1799	-0.0742	1.18E-3	6.64E-6	-1.18E-5
	CC11	-0.0237	0.2012	-0.0877	1.31E-3	7.47E-6	-2.81E-6
	CC12	-0.0392	0.2031	-0.0847	1.32E-3	7.74E-6	3.24E-5
	CC13	0.0382	-0.2058	-0.1145	-1.35E-3	-7.89E-6	-3.32E-5
	CC14	0.0227	-0.2039	-0.1115	-1.34E-3	-7.62E-6	2.06E-6
	CC15	-0.0301	-0.1826	-0.1250	-1.21E-3	-6.79E-6	1.10E-5
	CC16	-0.0456	-0.1807	-0.1220	-1.20E-3	-6.52E-6	4.63E-5
541	CC1	0.0973	0.0077	-0.0283	9.56E-5	-4.80E-4	9.53E-5
	CC2	0.0992	0.0097	-0.0251	9.64E-5	-4.87E-4	1.09E-4
	CC3	0.1008	-0.1127	0.0188	8.05E-5	-4.30E-4	1.18E-4
	CC4	0.1027	-0.1108	0.0219	8.13E-5	-4.37E-4	1.32E-4
	CC5	-0.1036	0.1084	-0.1988	-8.48E-5	4.45E-4	-1.36E-4
	CC6	-0.1017	0.1103	-0.1956	-8.40E-5	4.37E-4	-1.22E-4
	CC7	-0.1001	-0.0121	-0.1518	-1.00E-4	4.95E-4	-1.14E-4
	CC8	-0.0982	-0.0101	-0.1486	-9.92E-5	4.87E-4	-1.00E-4
	CC9	0.0207	0.1812	-0.1465	4.92E-5	-2.06E-4	-2.79E-5
	CC10	0.0269	0.1877	-0.1360	5.19E-5	-2.30E-4	1.83E-5
	CC11	-0.0396	0.2114	-0.1977	-4.96E-6	7.18E-5	-9.74E-5
	CC12	-0.0334	0.2179	-0.1872	-2.28E-6	4.69E-5	-5.12E-5
	CC13	0.0325	-0.2203	0.0103	-1.25E-6	-3.92E-5	4.63E-5
	CC14	0.0387	-0.2138	0.0208	1.43E-6	-6.41E-5	9.25E-5
	CC15	-0.0278	-0.1901	-0.0409	-5.54E-5	2.38E-4	-2.31E-5
	CC16	-0.0216	-0.1836	-0.0303	-5.27E-5	2.13E-4	2.31E-5
542	CC1	0.0578	0.0639	-0.0363	5.27E-5	-4.85E-4	1.16E-4
	CC2	0.0590	0.0652	-0.0335	5.37E-5	-4.94E-4	1.26E-4
	CC3	0.0609	-0.0041	0.0000	4.46E-5	-4.11E-4	1.20E-4
	CC4	0.0621	-0.0028	0.0028	4.56E-5	-4.20E-4	1.29E-4
	CC5	-0.0627	0.0020	-0.1776	-4.59E-5	4.23E-4	-1.41E-4
	CC6	-0.0615	0.0033	-0.1748	-4.49E-5	4.13E-4	-1.31E-4
	CC7	-0.0597	-0.0660	-0.1413	-5.39E-5	4.97E-4	-1.38E-4
	CC8	-0.0585	-0.0647	-0.1386	-5.29E-5	4.87E-4	-1.28E-4
	CC9	0.0107	0.1200	-0.1313	2.64E-5	-2.43E-4	1.14E-5
	CC10	0.0147	0.1243	-0.1221	2.98E-5	-2.74E-4	4.30E-5
	CC11	-0.0255	0.1015	-0.1737	-3.16E-6	2.91E-5	-6.58E-5

	CC12	-0.0215	0.1058	-0.1645	2.02E-7	-1.86E-6	-3.42E-5
	CC13	0.0208	-0.1066	-0.0103	-4.56E-7	4.20E-6	2.24E-5
	CC14	0.0248	-0.1023	-0.0011	2.91E-6	-2.68E-5	5.40E-5
	CC15	-0.0153	-0.1251	-0.0528	-3.00E-5	2.76E-4	-5.48E-5
	CC16	-0.0113	-0.1208	-0.0435	-2.67E-5	2.46E-4	-2.32E-5
543	CC1	0.0183	0.0267	-0.0459	4.96E-5	-4.56E-4	1.30E-4
	CC2	0.0187	0.0273	-0.0436	5.07E-5	-4.67E-4	1.36E-4
	CC3	0.0207	0.0002	-0.0212	4.72E-5	-4.35E-4	1.47E-4
	CC4	0.0211	0.0008	-0.0188	4.84E-5	-4.45E-4	1.53E-4
	CC5	-0.0214	-0.0008	-0.1538	-4.91E-5	4.52E-4	-1.63E-4
	CC6	-0.0210	-0.0002	-0.1515	-4.79E-5	4.42E-4	-1.57E-4
	CC7	-0.0190	-0.0274	-0.1291	-5.14E-5	4.74E-4	-1.46E-4
	CC8	-0.0186	-0.0267	-0.1267	-5.03E-5	4.63E-4	-1.40E-4
	CC9	0.0011	0.0473	-0.1153	1.64E-5	-1.52E-4	1.94E-6
	CC10	0.0024	0.0494	-0.1075	2.02E-5	-1.86E-4	2.06E-5
	CC11	-0.0108	0.0390	-0.1477	-1.31E-5	1.21E-4	-8.60E-5
	CC12	-0.0095	0.0411	-0.1399	-9.36E-6	8.62E-5	-6.73E-5
	CC13	0.0091	-0.0412	-0.0327	8.62E-6	-7.94E-5	5.74E-5
	CC14	0.0105	-0.0391	-0.0249	1.24E-5	-1.14E-4	7.60E-5
	CC15	-0.0028	-0.0494	-0.0651	-2.10E-5	1.93E-4	-3.05E-5
	CC16	-0.0014	-0.0473	-0.0573	-1.72E-5	1.58E-4	-1.19E-5
544	CC1	0.0140	0.0259	-0.0439	3.92E-5	-3.61E-4	-1.26E-5
	CC2	0.0141	0.0265	-0.0415	3.98E-5	-3.66E-4	-1.13E-5
	CC3	0.0153	0.0001	-0.0327	3.54E-5	-3.26E-4	-4.43E-8
	CC4	0.0154	0.0008	-0.0304	3.60E-5	-3.31E-4	1.29E-6
	CC5	-0.0154	-0.0009	-0.1429	-3.59E-5	3.31E-4	-3.31E-7
	CC6	-0.0152	-0.0003	-0.1406	-3.54E-5	3.26E-4	1.00E-6
	CC7	-0.0141	-0.0267	-0.1318	-3.97E-5	3.66E-4	1.22E-5
	CC8	-0.0139	-0.0261	-0.1295	-3.92E-5	3.61E-4	1.36E-5
	CC9	0.0020	0.0459	-0.0942	1.68E-5	-1.54E-4	-2.45E-5
	CC10	0.0025	0.0479	-0.0866	1.85E-5	-1.70E-4	-2.01E-5
	CC11	-0.0068	0.0378	-0.1240	-5.78E-6	5.32E-5	-2.08E-5
	CC12	-0.0063	0.0399	-0.1163	-4.08E-6	3.75E-5	-1.64E-5
	CC13	0.0064	-0.0401	-0.0571	4.10E-6	-3.77E-5	1.74E-5
	CC14	0.0068	-0.0380	-0.0494	5.80E-6	-5.34E-5	2.18E-5
	CC15	-0.0024	-0.0481	-0.0868	-1.84E-5	1.70E-4	2.10E-5
	CC16	-0.0020	-0.0461	-0.0791	-1.67E-5	1.54E-4	2.55E-5
545	CC1	0.0146	0.0243	-0.0397	-2.74E-5	-3.73E-4	-1.13E-5
	CC2	0.0146	0.0249	-0.0374	-2.45E-5	-3.74E-4	-1.01E-5
	CC3	0.0151	-0.0002	-0.0439	-4.57E-5	-3.24E-4	-8.97E-6
	CC4	0.0152	0.0004	-0.0416	-4.28E-5	-3.25E-4	-7.78E-6
	CC5	-0.0153	-0.0008	-0.1325	4.35E-5	3.28E-4	1.00E-5
	CC6	-0.0152	-0.0002	-0.1302	4.64E-5	3.26E-4	1.12E-5
	CC7	-0.0147	-0.0253	-0.1367	2.52E-5	3.77E-4	1.24E-5
	CC8	-0.0146	-0.0247	-0.1344	2.81E-5	3.76E-4	1.36E-5
	CC9	0.0034	0.0435	-0.0700	1.55E-5	-1.84E-4	-7.99E-6
	CC10	0.0035	0.0453	-0.0624	2.51E-5	-1.88E-4	-4.04E-6
	CC11	-0.0055	0.0359	-0.0979	3.67E-5	2.66E-5	-1.58E-6
	CC12	-0.0054	0.0378	-0.0902	4.64E-5	2.17E-5	2.38E-6
	CC13	0.0054	-0.0382	-0.0839	-4.57E-5	-1.91E-5	-1.10E-7
	CC14	0.0055	-0.0363	-0.0762	-3.60E-5	-2.39E-5	3.85E-6
	CC15	-0.0036	-0.0457	-0.1117	-2.44E-5	1.91E-4	6.30E-6
	CC16	-0.0035	-0.0439	-0.1041	-1.48E-5	1.86E-4	1.03E-5
546	CC1	0.0954	0.0080	-0.0258	8.54E-5	-5.66E-4	8.72E-5
	CC2	0.0962	0.0098	-0.0227	8.22E-5	-5.70E-4	9.95E-5
	CC3	0.0986	-0.1115	-0.0122	1.85E-5	-5.12E-4	8.12E-5
	CC4	0.0994	-0.1096	-0.0091	1.52E-5	-5.17E-4	9.35E-5
	CC5	-0.1000	0.1070	-0.1695	-2.46E-5	5.37E-4	-9.70E-5
	CC6	-0.0991	0.1088	-0.1665	-2.78E-5	5.32E-4	-8.47E-5
	CC7	-0.0967	-0.0125	-0.1559	-9.15E-5	5.90E-4	-1.03E-4
	CC8	-0.0959	-0.0106	-0.1529	-9.48E-5	5.86E-4	-9.07E-5
	CC9	0.0223	0.1799	-0.0954	1.29E-4	-2.37E-4	1.55E-5
	CC10	0.0250	0.1860	-0.0855	1.18E-4	-2.52E-4	5.63E-5
	CC11	-0.0363	0.2096	-0.1386	9.58E-5	9.35E-5	-3.98E-5
	CC12	-0.0336	0.2157	-0.1286	8.50E-5	7.85E-5	1.02E-6
	CC13	0.0331	-0.2183	-0.0501	-9.44E-5	-5.87E-5	-4.53E-6
	CC14	0.0358	-0.2122	-0.0401	-1.05E-4	-7.38E-5	3.63E-5
	CC15	-0.0255	-0.1886	-0.0932	-1.27E-4	2.72E-4	-5.98E-5
	CC16	-0.0228	-0.1825	-0.0833	-1.38E-4	2.57E-4	-1.90E-5
547	CC1	0.0505	0.0624	-0.0346	5.65E-5	-5.20E-4	5.79E-5
	CC2	0.0510	0.0636	-0.0320	5.70E-5	-5.25E-4	6.56E-5
	CC3	0.0529	-0.0041	-0.0221	4.97E-5	-4.58E-4	7.21E-5

	CC4	0.0534	-0.0028	-0.0195	5.03E-5	-4.63E-4	7.97E-5
	CC5	-0.0532	0.0018	-0.1566	-5.03E-5	4.63E-4	-8.59E-5
	CC6	-0.0527	0.0030	-0.1539	-4.98E-5	4.58E-4	-7.82E-5
	CC7	-0.0508	-0.0647	-0.1441	-5.70E-5	5.25E-4	-7.17E-5
	CC8	-0.0503	-0.0634	-0.1414	-5.65E-5	5.20E-4	-6.41E-5
	CC9	0.0108	0.1173	-0.0950	2.64E-5	-2.43E-4	-1.77E-5
	CC10	0.0125	0.1214	-0.0862	2.82E-5	-2.59E-4	7.57E-6
	CC11	-0.0203	0.0991	-0.1316	-5.62E-6	5.18E-5	-6.09E-5
	CC12	-0.0186	0.1032	-0.1228	-3.88E-6	3.57E-5	-3.56E-5
	CC13	0.0188	-0.1043	-0.0533	3.87E-6	-3.56E-5	2.94E-5
	CC14	0.0204	-0.1001	-0.0445	5.61E-6	-5.17E-5	5.47E-5
	CC15	-0.0123	-0.1224	-0.0899	-2.82E-5	2.59E-4	-1.37E-5
	CC16	-0.0107	-0.1183	-0.0811	-2.64E-5	2.43E-4	1.16E-5
548	CC1	0.0512	0.0615	-0.0296	-1.44E-5	-5.33E-4	-7.04E-5
	CC2	0.0512	0.0627	-0.0270	-9.07E-6	-5.31E-4	-6.54E-5
	CC3	0.0526	-0.0045	-0.0423	-1.48E-4	-5.07E-4	-5.89E-5
	CC4	0.0526	-0.0033	-0.0397	-1.43E-4	-5.05E-4	-5.39E-5
	CC5	-0.0526	0.0018	-0.1377	1.36E-4	5.03E-4	6.60E-5
	CC6	-0.0526	0.0030	-0.1350	1.41E-4	5.05E-4	7.10E-5
	CC7	-0.0512	-0.0641	-0.1504	2.15E-6	5.30E-4	7.76E-5
	CC8	-0.0512	-0.0629	-0.1477	7.44E-6	5.31E-4	8.26E-5
	CC9	0.0132	0.1162	-0.0556	1.88E-4	-2.03E-4	-4.20E-5
	CC10	0.0132	0.1202	-0.0470	2.05E-4	-1.97E-4	-2.53E-5
	CC11	-0.0179	0.0983	-0.0880	2.33E-4	1.08E-4	-1.02E-6
	CC12	-0.0179	0.1023	-0.0794	2.50E-4	1.14E-4	1.56E-5
	CC13	0.0179	-0.1037	-0.0979	-2.57E-4	-1.15E-4	-3.46E-6
	CC14	0.0179	-0.0997	-0.0893	-2.40E-4	-1.10E-4	1.32E-5
	CC15	-0.0133	-0.1216	-0.1304	-2.12E-4	1.96E-4	3.75E-5
	CC16	-0.0133	-0.1176	-0.1217	-1.95E-4	2.01E-4	5.41E-5
549	CC1	0.0984	0.0083	-0.0197	4.15E-5	-6.01E-4	-1.03E-4
	CC2	0.0982	0.0100	-0.0168	4.36E-5	-6.00E-4	-9.20E-5
	CC3	0.1014	-0.1115	-0.0412	-2.06E-4	-5.72E-4	-8.03E-5
	CC4	0.1013	-0.1097	-0.0382	-2.04E-4	-5.71E-4	-6.91E-5
	CC5	-0.1020	0.1067	-0.1423	2.04E-4	5.94E-4	8.06E-5
	CC6	-0.1022	0.1084	-0.1393	2.06E-4	5.95E-4	9.18E-5
	CC7	-0.0990	-0.0131	-0.1637	-4.41E-5	6.22E-4	1.03E-4
	CC8	-0.0991	-0.0113	-0.1607	-4.20E-5	6.23E-4	1.15E-4
	CC9	0.0248	0.1804	-0.0410	3.85E-4	-2.17E-4	-7.85E-5
	CC10	0.0244	0.1862	-0.0313	3.92E-4	-2.13E-4	-4.15E-5
	CC11	-0.0353	0.2099	-0.0778	4.34E-4	1.41E-4	-2.33E-5
	CC12	-0.0357	0.2157	-0.0681	4.41E-4	1.45E-4	1.37E-5
	CC13	0.0350	-0.2188	-0.1124	-4.41E-4	-1.23E-4	-2.22E-6
	CC14	0.0345	-0.2129	-0.1027	-4.34E-4	-1.19E-4	3.48E-5
	CC15	-0.0251	-0.1893	-0.1492	-3.93E-4	2.36E-4	5.29E-5
	CC16	-0.0256	-0.1834	-0.1395	-3.86E-4	2.39E-4	8.99E-5
550	CC1	0.1006	0.0909	-0.1024	1.88E-4	-5.91E-4	-7.67E-5
	CC2	0.1004	0.0832	-0.1032	1.81E-4	-5.87E-4	-6.57E-5
	CC3	0.1026	-0.0488	-0.1060	-1.90E-5	-5.71E-4	-9.30E-5
	CC4	0.1024	-0.0565	-0.1068	-2.60E-5	-5.67E-4	-8.19E-5
	CC5	-0.1026	0.0551	-0.0727	1.76E-5	5.75E-4	9.03E-5
	CC6	-0.1028	0.0473	-0.0734	1.06E-5	5.79E-4	1.01E-4
	CC7	-0.1006	-0.0846	-0.0763	-1.89E-4	5.95E-4	7.40E-5
	CC8	-0.1008	-0.0924	-0.0770	-1.96E-4	5.98E-4	8.51E-5
	CC9	0.0275	0.2503	-0.0869	3.78E-4	-2.10E-4	-1.21E-5
	CC10	0.0268	0.2247	-0.0894	3.55E-4	-1.98E-4	2.45E-5
	CC11	-0.0335	0.2396	-0.0780	3.27E-4	1.40E-4	3.80E-5
	CC12	-0.0342	0.2139	-0.0805	3.04E-4	1.52E-4	7.46E-5
	CC13	0.0340	-0.2154	-0.0990	-3.12E-4	-1.44E-4	-6.62E-5
	CC14	0.0333	-0.2410	-0.1015	-3.35E-4	-1.32E-4	-2.96E-5
	CC15	-0.0270	-0.2262	-0.0900	-3.63E-4	2.06E-4	-1.61E-5
	CC16	-0.0276	-0.2518	-0.0926	-3.86E-4	2.17E-4	2.05E-5
551	CC1	0.0537	0.0562	-0.1034	-9.65E-6	-5.74E-4	-2.62E-5
	CC2	0.0535	0.0514	-0.1039	-6.96E-6	-5.68E-4	-2.16E-5
	CC3	0.0526	-0.0289	-0.1001	-6.35E-5	-5.08E-4	-5.62E-5
	CC4	0.0525	-0.0336	-0.1006	-6.08E-5	-5.02E-4	-5.16E-5
	CC5	-0.0524	0.0331	-0.0764	5.83E-5	5.03E-4	5.84E-5
	CC6	-0.0525	0.0283	-0.0769	6.10E-5	5.09E-4	6.30E-5
	CC7	-0.0534	-0.0519	-0.0730	4.46E-6	5.69E-4	2.84E-5
	CC8	-0.0536	-0.0567	-0.0736	7.15E-6	5.75E-4	3.30E-5
	CC9	0.0179	0.1528	-0.0973	7.39E-5	-2.81E-4	3.31E-5
	CC10	0.0175	0.1370	-0.0990	8.28E-5	-2.62E-4	4.83E-5
	CC11	-0.0139	0.1459	-0.0892	9.43E-5	4.16E-5	5.85E-5



	CC12	-0.0143	0.1301	-0.0909	1.03E-4	6.13E-5	7.37E-5
	CC13	0.0144	-0.1306	-0.0861	-1.06E-4	-6.04E-5	-6.68E-5
	CC14	0.0140	-0.1464	-0.0877	-9.68E-5	-4.06E-5	-5.16E-5
	CC15	-0.0174	-0.1375	-0.0780	-8.53E-5	2.63E-4	-4.15E-5
	CC16	-0.0178	-0.1533	-0.0796	-7.64E-5	2.82E-4	-2.63E-5
552	CC1	0.0150	0.0133	-0.1020	-5.98E-5	-3.99E-4	-1.54E-6
	CC2	0.0150	0.0113	-0.1022	-5.59E-5	-3.93E-4	-8.43E-7
	CC3	0.0154	-0.0224	-0.0945	-4.83E-5	-2.98E-4	-1.56E-5
	CC4	0.0154	-0.0244	-0.0947	-4.44E-5	-2.92E-4	-1.49E-5
	CC5	-0.0153	0.0243	-0.0793	4.47E-5	2.92E-4	1.71E-5
	CC6	-0.0153	0.0223	-0.0795	4.85E-5	2.98E-4	1.78E-5
	CC7	-0.0150	-0.0114	-0.0718	5.62E-5	3.92E-4	3.06E-6
	CC8	-0.0149	-0.0134	-0.0720	6.00E-5	3.99E-4	3.75E-6
	CC9	0.0039	0.0612	-0.1027	-4.10E-5	-2.82E-4	2.06E-5
	CC10	0.0040	0.0544	-0.1033	-2.83E-5	-2.61E-4	2.29E-5
	CC11	-0.0051	0.0645	-0.0959	-9.70E-6	-7.51E-5	2.62E-5
	CC12	-0.0051	0.0577	-0.0965	3.03E-6	-5.38E-5	2.85E-5
	CC13	0.0052	-0.0578	-0.0776	-2.78E-6	5.36E-5	-2.62E-5
	CC14	0.0052	-0.0646	-0.0782	9.94E-6	7.48E-5	-2.39E-5
	CC15	-0.0039	-0.0545	-0.0708	2.86E-5	2.61E-4	-2.06E-5
	CC16	-0.0039	-0.0613	-0.0714	4.13E-5	2.82E-4	-1.83E-5
553	CC1	0.0149	0.0140	-0.1074	5.21E-5	-3.79E-4	-1.97E-5
	CC2	0.0151	0.0118	-0.1072	5.18E-5	-3.76E-4	-1.74E-5
	CC3	0.0155	-0.0238	-0.0921	3.85E-5	-2.80E-4	-9.09E-6
	CC4	0.0156	-0.0260	-0.0919	3.81E-5	-2.77E-4	-6.86E-6
	CC5	-0.0155	0.0259	-0.0815	-3.78E-5	2.74E-4	6.67E-6
	CC6	-0.0153	0.0237	-0.0813	-3.81E-5	2.77E-4	8.90E-6
	CC7	-0.0149	-0.0119	-0.0662	-5.14E-5	3.73E-4	1.72E-5
	CC8	-0.0148	-0.0141	-0.0660	-5.18E-5	3.76E-4	1.95E-5
	CC9	0.0034	0.0647	-0.1164	3.70E-5	-2.69E-4	-2.54E-5
	CC10	0.0039	0.0576	-0.1158	3.58E-5	-2.60E-4	-1.80E-5
	CC11	-0.0057	0.0683	-0.1087	1.01E-5	-7.29E-5	-1.75E-5
	CC12	-0.0052	0.0611	-0.1080	8.80E-6	-6.38E-5	-1.01E-5
	CC13	0.0053	-0.0612	-0.0654	-8.43E-6	6.12E-5	9.89E-6
	CC14	0.0059	-0.0684	-0.0648	-9.68E-6	7.03E-5	1.73E-5
	CC15	-0.0038	-0.0577	-0.0576	-3.54E-5	2.57E-4	1.78E-5
	CC16	-0.0033	-0.0648	-0.0570	-3.67E-5	2.66E-4	2.52E-5
554	CC1	0.0152	0.0138	-0.1137	5.28E-5	-3.83E-4	1.69E-5
	CC2	0.0155	0.0117	-0.1132	5.29E-5	-3.84E-4	1.82E-5
	CC3	0.0158	-0.0233	-0.0907	3.96E-5	-2.87E-4	7.82E-6
	CC4	0.0161	-0.0254	-0.0901	3.97E-5	-2.88E-4	9.13E-6
	CC5	-0.0160	0.0252	-0.0830	-3.94E-5	2.86E-4	-9.79E-6
	CC6	-0.0157	0.0231	-0.0825	-3.93E-5	2.86E-4	-8.48E-6
	CC7	-0.0154	-0.0119	-0.0600	-5.26E-5	3.82E-4	-1.89E-5
	CC8	-0.0151	-0.0140	-0.0594	-5.25E-5	3.81E-4	-1.76E-5
	CC9	0.0033	0.0635	-0.1304	3.57E-5	-2.59E-4	1.66E-5
	CC10	0.0043	0.0566	-0.1287	3.61E-5	-2.62E-4	2.09E-5
	CC11	-0.0060	0.0669	-0.1212	8.07E-6	-5.86E-5	8.63E-6
	CC12	-0.0050	0.0600	-0.1195	8.43E-6	-6.12E-5	1.29E-5
	CC13	0.0051	-0.0602	-0.0536	-8.19E-6	5.94E-5	-1.36E-5
	CC14	0.0061	-0.0671	-0.0519	-7.82E-6	5.68E-5	-9.29E-6
	CC15	-0.0042	-0.0567	-0.0444	-3.58E-5	2.60E-4	-2.16E-5
	CC16	-0.0032	-0.0637	-0.0427	-3.55E-5	2.58E-4	-1.73E-5
555	CC1	0.1004	0.0898	-0.1160	2.07E-4	-5.58E-4	-8.43E-5
	CC2	0.1012	0.0822	-0.1162	1.96E-4	-5.61E-4	-7.30E-5
	CC3	0.0993	-0.0496	-0.1022	1.52E-4	-5.24E-4	-8.35E-5
	CC4	0.1000	-0.0573	-0.1024	1.42E-4	-5.27E-4	-7.22E-5
	CC5	-0.0997	0.0556	-0.0751	-1.56E-4	5.33E-4	7.47E-5
	CC6	-0.0990	0.0480	-0.0752	-1.67E-4	5.30E-4	8.60E-5
	CC7	-0.1009	-0.0839	-0.0613	-2.11E-4	5.67E-4	7.55E-5
	CC8	-0.1001	-0.0915	-0.0615	-2.22E-4	5.64E-4	8.68E-5
	CC9	0.0308	0.2493	-0.1176	1.56E-4	-2.12E-4	-4.25E-5
	CC10	0.0333	0.2241	-0.1181	1.21E-4	-2.22E-4	-5.29E-6
	CC11	-0.0293	0.2391	-0.1053	4.72E-5	1.15E-4	5.17E-6
	CC12	-0.0268	0.2139	-0.1058	1.24E-5	1.05E-4	4.24E-5
	CC13	0.0271	-0.2155	-0.0717	-2.70E-5	-9.95E-5	-3.99E-5
	CC14	0.0295	-0.2407	-0.0722	-6.17E-5	-1.09E-4	-2.63E-6
	CC15	-0.0330	-0.2258	-0.0594	-1.36E-4	2.28E-4	7.82E-6
	CC16	-0.0305	-0.2510	-0.0599	-1.71E-4	2.18E-4	4.51E-5
556	CC1	0.0536	0.0563	-0.1124	7.76E-5	-5.63E-4	-4.76E-5
	CC2	0.0540	0.0515	-0.1124	7.74E-5	-5.62E-4	-4.15E-5
	CC3	0.0519	-0.0295	-0.0978	6.47E-5	-4.70E-4	-4.22E-5

	CC4	0.0522	-0.0342	-0.0978	6.45E-5	-4.68E-4	-3.61E-5
	CC5	-0.0518	0.0336	-0.0780	-6.43E-5	4.67E-4	3.60E-5
	CC6	-0.0515	0.0288	-0.0780	-6.45E-5	4.68E-4	4.21E-5
	CC7	-0.0536	-0.0522	-0.0634	-7.72E-5	5.61E-4	4.14E-5
	CC8	-0.0532	-0.0570	-0.0634	-7.74E-5	5.62E-4	4.75E-5
	CC9	0.0184	0.1540	-0.1174	4.31E-5	-3.13E-4	-3.16E-5
	CC10	0.0195	0.1382	-0.1173	4.26E-5	-3.09E-4	-1.14E-5
	CC11	-0.0132	0.1472	-0.1071	5.63E-7	-4.03E-6	-6.52E-6
	CC12	-0.0121	0.1314	-0.1070	5.81E-9	2.00E-8	1.37E-5
	CC13	0.0125	-0.1320	-0.0687	1.66E-7	-1.27E-6	-1.38E-5
	CC14	0.0136	-0.1478	-0.0687	-3.91E-7	2.78E-6	6.45E-6
	CC15	-0.0191	-0.1388	-0.0584	-4.24E-5	3.08E-4	1.13E-5
	CC16	-0.0180	-0.1546	-0.0584	-4.30E-5	3.12E-4	3.15E-5
557	CC1	0.0528	0.0559	-0.1238	7.41E-5	-5.38E-4	-5.70E-5
	CC2	0.0537	0.0512	-0.1234	7.47E-5	-5.42E-4	-4.99E-5
	CC3	0.0517	-0.0302	-0.0979	6.23E-5	-4.52E-4	-4.38E-5
	CC4	0.0526	-0.0349	-0.0975	6.29E-5	-4.56E-4	-3.68E-5
	CC5	-0.0523	0.0341	-0.0779	-6.28E-5	4.56E-4	3.42E-5
	CC6	-0.0514	0.0293	-0.0775	-6.22E-5	4.52E-4	4.13E-5
	CC7	-0.0534	-0.0520	-0.0520	-7.46E-5	5.42E-4	4.74E-5
	CC8	-0.0525	-0.0567	-0.0516	-7.40E-5	5.37E-4	5.45E-5
	CC9	0.0162	0.1541	-0.1385	3.92E-5	-2.85E-4	-4.85E-5
	CC10	0.0191	0.1385	-0.1371	4.12E-5	-2.99E-4	-2.53E-5
	CC11	-0.0154	0.1476	-0.1247	-1.85E-6	1.34E-5	-2.12E-5
	CC12	-0.0124	0.1320	-0.1233	1.69E-7	-1.28E-6	2.10E-6
	CC13	0.0127	-0.1328	-0.0521	-1.08E-7	8.30E-7	-4.62E-6
	CC14	0.0157	-0.1484	-0.0507	1.91E-6	-1.38E-5	1.87E-5
	CC15	-0.0188	-0.1393	-0.0383	-4.12E-5	2.99E-4	2.28E-5
	CC16	-0.0159	-0.1550	-0.0369	-3.92E-5	2.84E-4	4.60E-5
558	CC1	0.0969	0.0891	-0.1320	1.48E-4	-5.48E-4	-1.00E-4
	CC2	0.0987	0.0815	-0.1317	1.44E-4	-5.56E-4	-8.77E-5
	CC3	0.0986	-0.0508	-0.1041	1.28E-4	-5.11E-4	-7.72E-5
	CC4	0.1004	-0.0583	-0.1037	1.24E-4	-5.19E-4	-6.45E-5
	CC5	-0.1000	0.0564	-0.0735	-1.29E-4	5.21E-4	6.35E-5
	CC6	-0.0982	0.0489	-0.0732	-1.33E-4	5.14E-4	7.61E-5
	CC7	-0.0983	-0.0835	-0.0456	-1.49E-4	5.59E-4	8.67E-5
	CC8	-0.0966	-0.0910	-0.0452	-1.53E-4	5.51E-4	9.93E-5
	CC9	0.0240	0.2495	-0.1446	7.79E-5	-2.08E-4	-8.47E-5
	CC10	0.0299	0.2246	-0.1435	6.44E-5	-2.34E-4	-4.28E-5
	CC11	-0.0351	0.2397	-0.1270	-5.19E-6	1.13E-4	-3.56E-5
	CC12	-0.0291	0.2148	-0.1259	-1.87E-5	8.68E-5	6.36E-6
	CC13	0.0295	-0.2167	-0.0513	1.35E-5	-8.46E-5	-7.39E-6
	CC14	0.0354	-0.2416	-0.0502	-1.09E-8	-1.11E-4	3.45E-5
	CC15	-0.0296	-0.2265	-0.0338	-6.96E-5	2.36E-4	4.18E-5
	CC16	-0.0237	-0.2514	-0.0327	-8.31E-5	2.10E-4	8.37E-5
559	CC1	0.0943	0.0783	-0.1315	3.75E-4	2.08E-5	4.25E-5
	CC2	0.0972	0.0724	-0.1304	3.49E-4	1.93E-5	6.11E-5
	CC3	0.0985	-0.0545	-0.0901	-2.45E-4	-1.36E-5	1.63E-4
	CC4	0.1015	-0.0604	-0.0890	-2.72E-4	-1.51E-5	1.82E-4
	CC5	-0.1012	0.0589	-0.0889	2.64E-4	1.46E-5	-1.77E-4
	CC6	-0.0983	0.0530	-0.0878	2.37E-4	1.31E-5	-1.58E-4
	CC7	-0.0970	-0.0739	-0.0475	-3.57E-4	-1.98E-5	-5.60E-5
	CC8	-0.0941	-0.0798	-0.0464	-3.84E-4	-2.13E-5	-3.74E-5
	CC9	0.0176	0.2333	-0.1661	1.09E-3	6.06E-5	-1.97E-4
	CC10	0.0273	0.2138	-0.1625	1.00E-3	5.56E-5	-1.35E-4
	CC11	-0.0411	0.2275	-0.1533	1.06E-3	5.87E-5	-2.63E-4
	CC12	-0.0314	0.2079	-0.1497	9.69E-4	5.38E-5	-2.01E-4
	CC13	0.0316	-0.2095	-0.0282	-9.77E-4	-5.42E-5	2.06E-4
	CC14	0.0413	-0.2290	-0.0246	-1.07E-3	-5.92E-5	2.68E-4
	CC15	-0.0270	-0.2153	-0.0155	-1.01E-3	-5.61E-5	1.40E-4
	CC16	-0.0173	-0.2348	-0.0119	-1.10E-3	-6.10E-5	2.02E-4
560	CC1	0.0544	0.0445	-0.1215	3.69E-4	2.05E-5	-1.27E-5
	CC2	0.0561	0.0410	-0.1204	3.40E-4	1.88E-5	1.64E-6
	CC3	0.0565	-0.0325	-0.0852	-2.72E-4	-1.51E-5	1.36E-4
	CC4	0.0583	-0.0360	-0.0841	-3.01E-4	-1.67E-5	1.50E-4
	CC5	-0.0582	0.0353	-0.0913	2.91E-4	1.61E-5	-1.50E-4
	CC6	-0.0565	0.0319	-0.0903	2.61E-4	1.45E-5	-1.35E-4
	CC7	-0.0561	-0.0417	-0.0551	-3.50E-4	-1.94E-5	-9.79E-7
	CC8	-0.0544	-0.0452	-0.0540	-3.79E-4	-2.10E-5	1.34E-5
	CC9	0.0105	0.1352	-0.1545	1.12E-3	6.23E-5	-2.50E-4
	CC10	0.0163	0.1237	-0.1509	1.03E-3	5.69E-5	-2.03E-4
	CC11	-0.0233	0.1324	-0.1454	1.10E-3	6.10E-5	-2.92E-4

	CC12	-0.0175	0.1209	-0.1419	1.00E-3	5.56E-5	-2.44E-4
	CC13	0.0176	-0.1216	-0.0336	-1.01E-3	-5.62E-5	2.45E-4
	CC14	0.0233	-0.1331	-0.0300	-1.11E-3	-6.16E-5	2.92E-4
	CC15	-0.0162	-0.1243	-0.0245	-1.04E-3	-5.75E-5	2.04E-4
	CC16	-0.0105	-0.1359	-0.0210	-1.13E-3	-6.29E-5	2.51E-4
561	CC1	0.0220	0.0143	-0.1112	2.40E-4	1.33E-5	-3.46E-5
	CC2	0.0228	0.0131	-0.1102	2.15E-4	1.19E-5	-2.65E-5
	CC3	0.0229	-0.0103	-0.0814	-3.01E-4	-1.67E-5	8.31E-5
	CC4	0.0236	-0.0115	-0.0804	-3.27E-4	-1.81E-5	9.12E-5
	CC5	-0.0236	0.0114	-0.0926	3.24E-4	1.80E-5	-9.22E-5
	CC6	-0.0229	0.0102	-0.0916	2.99E-4	1.66E-5	-8.41E-5
	CC7	-0.0228	-0.0133	-0.0627	-2.18E-4	-1.21E-5	2.55E-5
	CC8	-0.0220	-0.0144	-0.0617	-2.43E-4	-1.35E-5	3.36E-5
	CC9	0.0042	0.0432	-0.1406	9.31E-4	5.17E-5	-2.01E-4
	CC10	0.0067	0.0396	-0.1374	8.47E-4	4.70E-5	-1.75E-4
	CC11	-0.0095	0.0424	-0.1350	9.57E-4	5.31E-5	-2.19E-4
	CC12	-0.0070	0.0387	-0.1318	8.72E-4	4.84E-5	-1.92E-4
	CC13	0.0070	-0.0388	-0.0411	-8.75E-4	-4.86E-5	1.91E-4
	CC14	0.0095	-0.0425	-0.0379	-9.59E-4	-5.32E-5	2.18E-4
	CC15	-0.0067	-0.0397	-0.0356	-8.50E-4	-4.72E-5	1.74E-4
	CC16	-0.0042	-0.0433	-0.0323	-9.34E-4	-5.19E-5	2.00E-4
562	CC1	0.0258	0.0116	-0.0962	2.01E-4	1.12E-5	4.94E-6
	CC2	0.0266	0.0109	-0.0950	1.86E-4	1.03E-5	7.84E-6
	CC3	0.0256	-0.0072	-0.0673	-2.21E-4	-1.23E-5	2.73E-5
	CC4	0.0264	-0.0078	-0.0662	-2.37E-4	-1.32E-5	3.02E-5
	CC5	-0.0265	0.0078	-0.1065	2.35E-4	1.30E-5	-2.89E-5
	CC6	-0.0257	0.0071	-0.1054	2.20E-4	1.22E-5	-2.60E-5
	CC7	-0.0267	-0.0110	-0.0777	-1.88E-4	-1.04E-5	-6.59E-6
	CC8	-0.0259	-0.0117	-0.0766	-2.03E-4	-1.13E-5	-3.70E-6
	CC9	0.0067	0.0329	-0.1347	7.24E-4	4.02E-5	-3.63E-5
	CC10	0.0094	0.0307	-0.1310	6.73E-4	3.73E-5	-2.67E-5
	CC11	-0.0089	0.0317	-0.1378	7.34E-4	4.08E-5	-4.64E-5
	CC12	-0.0063	0.0296	-0.1341	6.83E-4	3.79E-5	-3.68E-5
	CC13	0.0062	-0.0297	-0.0386	-6.85E-4	-3.80E-5	3.81E-5
	CC14	0.0088	-0.0318	-0.0349	-7.36E-4	-4.09E-5	4.77E-5
	CC15	-0.0095	-0.0308	-0.0417	-6.74E-4	-3.74E-5	2.79E-5
	CC16	-0.0068	-0.0330	-0.0380	-7.26E-4	-4.03E-5	3.75E-5
563	CC1	0.0277	0.0113	-0.0887	2.35E-4	1.31E-5	-2.19E-5
	CC2	0.0286	0.0109	-0.0874	2.25E-4	1.25E-5	-1.97E-5
	CC3	0.0267	-0.0055	-0.0601	-1.40E-4	-7.75E-6	-4.68E-6
	CC4	0.0275	-0.0059	-0.0588	-1.50E-4	-8.31E-6	-2.42E-6
	CC5	-0.0277	0.0058	-0.1137	1.49E-4	8.26E-6	2.65E-6
	CC6	-0.0269	0.0054	-0.1124	1.39E-4	7.70E-6	4.90E-6
	CC7	-0.0288	-0.0109	-0.0851	-2.26E-4	-1.26E-5	1.99E-5
	CC8	-0.0280	-0.0113	-0.0838	-2.36E-4	-1.31E-5	2.21E-5
	CC9	0.0086	0.0294	-0.1323	6.54E-4	3.63E-5	-3.60E-5
	CC10	0.0114	0.0281	-0.1280	6.21E-4	3.45E-5	-2.86E-5
	CC11	-0.0081	0.0278	-0.1399	6.28E-4	3.49E-5	-2.87E-5
	CC12	-0.0053	0.0265	-0.1355	5.95E-4	3.30E-5	-2.12E-5
	CC13	0.0051	-0.0265	-0.0369	-5.96E-4	-3.31E-5	2.14E-5
	CC14	0.0079	-0.0278	-0.0326	-6.29E-4	-3.49E-5	2.89E-5
	CC15	-0.0116	-0.0281	-0.0445	-6.22E-4	-3.45E-5	2.88E-5
	CC16	-0.0088	-0.0295	-0.0401	-6.55E-4	-3.64E-5	3.62E-5
564	CC1	0.0955	0.0734	-0.1140	3.89E-4	2.16E-5	-1.25E-4
	CC2	0.0984	0.0691	-0.1127	3.64E-4	2.02E-5	-1.11E-4
	CC3	0.0992	-0.0505	-0.0752	-3.09E-4	-1.71E-5	-7.34E-5
	CC4	0.1021	-0.0549	-0.0739	-3.34E-4	-1.85E-5	-5.89E-5
	CC5	-0.1021	0.0536	-0.1036	3.23E-4	1.80E-5	5.94E-5
	CC6	-0.0992	0.0493	-0.1024	2.98E-4	1.66E-5	7.40E-5
	CC7	-0.0983	-0.0703	-0.0649	-3.75E-4	-2.08E-5	1.11E-4
	CC8	-0.0954	-0.0747	-0.0636	-4.00E-4	-2.22E-5	1.26E-4
	CC9	0.0186	0.2161	-0.1571	1.21E-3	6.72E-5	-1.38E-4
	CC10	0.0282	0.2017	-0.1528	1.13E-3	6.25E-5	-8.95E-5
	CC11	-0.0406	0.2102	-0.1539	1.19E-3	6.61E-5	-8.23E-5
	CC12	-0.0310	0.1958	-0.1497	1.11E-3	6.15E-5	-3.42E-5
	CC13	0.0310	-0.1970	-0.0278	-1.12E-3	-6.20E-5	3.47E-5
	CC14	0.0406	-0.2114	-0.0236	-1.20E-3	-6.66E-5	8.29E-5
	CC15	-0.0282	-0.2029	-0.0247	-1.14E-3	-6.31E-5	9.01E-5
	CC16	-0.0186	-0.2174	-0.0205	-1.22E-3	-6.77E-5	1.38E-4
565	CC1	0.0576	0.0391	-0.1093	3.52E-4	1.95E-5	1.81E-5
	CC2	0.0594	0.0368	-0.1081	3.29E-4	1.82E-5	2.83E-5
	CC3	0.0589	-0.0268	-0.0752	-2.82E-4	-1.56E-5	9.26E-5

	CC4	0.0607	-0.0291	-0.0740	-3.05E-4	-1.69E-5	1.03E-4
	CC5	-0.0608	0.0286	-0.1012	2.98E-4	1.65E-5	-9.83E-5
	CC6	-0.0590	0.0263	-0.1000	2.75E-4	1.53E-5	-8.81E-5
	CC7	-0.0595	-0.0372	-0.0671	-3.36E-4	-1.86E-5	-2.38E-5
	CC8	-0.0577	-0.0395	-0.0659	-3.59E-4	-1.99E-5	-1.36E-5
	CC9	0.0126	0.1150	-0.1475	1.10E-3	6.10E-5	-1.21E-4
	CC10	0.0185	0.1073	-0.1435	1.02E-3	5.68E-5	-8.75E-5
	CC11	-0.0229	0.1118	-0.1451	1.08E-3	6.01E-5	-1.56E-4
	CC12	-0.0170	0.1041	-0.1411	1.01E-3	5.59E-5	-1.22E-4
	CC13	0.0169	-0.1046	-0.0341	-1.01E-3	-5.62E-5	1.27E-4
	CC14	0.0228	-0.1123	-0.0301	-1.09E-3	-6.05E-5	1.61E-4
	CC15	-0.0186	-0.1077	-0.0316	-1.03E-3	-5.71E-5	9.20E-5
	CC16	-0.0127	-0.1154	-0.0276	-1.11E-3	-6.14E-5	1.26E-4
566	CC1	0.0601	0.0401	-0.0920	4.03E-4	2.24E-5	-5.29E-5
	CC2	0.0619	0.0385	-0.0906	3.86E-4	2.14E-5	-4.66E-5
	CC3	0.0598	-0.0216	-0.0582	-2.49E-4	-1.38E-5	-3.60E-5
	CC4	0.0616	-0.0232	-0.0568	-2.67E-4	-1.48E-5	-2.96E-5
	CC5	-0.0619	0.0230	-0.1180	2.66E-4	1.48E-5	3.12E-5
	CC6	-0.0601	0.0215	-0.1166	2.48E-4	1.38E-5	3.75E-5
	CC7	-0.0622	-0.0386	-0.0842	-3.87E-4	-2.15E-5	4.81E-5
	CC8	-0.0604	-0.0402	-0.0828	-4.05E-4	-2.25E-5	5.44E-5
	CC9	0.0158	0.1079	-0.1421	1.14E-3	6.31E-5	-5.05E-5
	CC10	0.0217	0.1027	-0.1375	1.08E-3	5.99E-5	-2.96E-5
	CC11	-0.0208	0.1028	-0.1499	1.10E-3	6.08E-5	-2.53E-5
	CC12	-0.0149	0.0976	-0.1453	1.04E-3	5.76E-5	-4.35E-6
	CC13	0.0146	-0.0977	-0.0296	-1.04E-3	-5.77E-5	5.87E-6
	CC14	0.0205	-0.1029	-0.0249	-1.10E-3	-6.09E-5	2.68E-5
	CC15	-0.0220	-0.1028	-0.0374	-1.08E-3	-6.00E-5	3.11E-5
	CC16	-0.0161	-0.1080	-0.0327	-1.14E-3	-6.32E-5	5.21E-5
567	CC1	0.0967	0.0774	-0.0949	3.03E-4	1.68E-5	-6.58E-5
	CC2	0.0996	0.0742	-0.0934	2.82E-4	1.57E-5	-5.57E-5
	CC3	0.0999	-0.0451	-0.0564	-4.19E-4	-2.32E-5	-1.10E-4
	CC4	0.1028	-0.0483	-0.0549	-4.39E-4	-2.44E-5	-1.00E-4
	CC5	-0.1029	0.0473	-0.1222	4.19E-4	2.32E-5	1.06E-4
	CC6	-0.1001	0.0441	-0.1207	3.98E-4	2.21E-5	1.16E-4
	CC7	-0.0998	-0.0752	-0.0837	-3.02E-4	-1.68E-5	6.13E-5
	CC8	-0.0969	-0.0784	-0.0822	-3.23E-4	-1.79E-5	7.15E-5
	CC9	0.0198	0.2135	-0.1512	1.21E-3	6.71E-5	3.42E-5
	CC10	0.0293	0.2029	-0.1462	1.14E-3	6.33E-5	6.80E-5
	CC11	-0.0401	0.2045	-0.1594	1.24E-3	6.90E-5	8.57E-5
	CC12	-0.0306	0.1939	-0.1544	1.18E-3	6.52E-5	1.19E-4
	CC13	0.0304	-0.1949	-0.0227	-1.20E-3	-6.64E-5	-1.14E-4
	CC14	0.0399	-0.2055	-0.0177	-1.26E-3	-7.01E-5	-8.01E-5
	CC15	-0.0295	-0.2039	-0.0309	-1.16E-3	-6.44E-5	-6.23E-5
	CC16	-0.0200	-0.2145	-0.0259	-1.23E-3	-6.82E-5	-2.86E-5
568	CC1	0.0942	0.1500	-0.1643	7.29E-4	1.62E-28	-1.51E-4
	CC2	0.0972	0.1343	-0.1603	6.52E-4	1.62E-28	-1.33E-4
	CC3	0.0990	0.0049	-0.1156	7.18E-6	1.05E-28	-9.67E-5
	CC4	0.1021	-0.0107	-0.1117	-6.90E-5	1.05E-28	-7.91E-5
	CC5	-0.1013	0.0105	-0.0974	4.87E-5	-1.05E-28	7.83E-5
	CC6	-0.0983	-0.0051	-0.0935	-2.75E-5	-1.05E-28	9.58E-5
	CC7	-0.0964	-0.1346	-0.0488	-6.73E-4	-1.62E-28	1.32E-4
	CC8	-0.0934	-0.1502	-0.0448	-7.49E-4	-1.62E-28	1.50E-4
	CC9	0.0166	0.2884	-0.2022	1.42E-3	1.35E-28	-1.54E-4
	CC10	0.0266	0.2367	-0.1892	1.17E-3	1.35E-28	-9.56E-5
	CC11	-0.0420	0.2466	-0.1822	1.22E-3	5.46E-29	-8.51E-5
	CC12	-0.0321	0.1949	-0.1692	9.64E-4	5.46E-29	-2.70E-5
	CC13	0.0328	-0.1951	-0.0399	-9.85E-4	-5.46E-29	2.61E-5
	CC14	0.0428	-0.2468	-0.0270	-1.24E-3	-5.46E-29	8.43E-5
	CC15	-0.0258	-0.2370	-0.0199	-1.19E-3	-1.35E-28	9.48E-5
	CC16	-0.0159	-0.2887	-0.0069	-1.44E-3	-1.35E-28	1.53E-4
569	CC1	0.0506	0.0827	-0.1560	8.13E-4	1.96E-28	-1.20E-4
	CC2	0.0522	0.0741	-0.1521	7.28E-4	1.96E-28	-1.06E-4
	CC3	0.0530	0.0031	-0.1094	3.85E-5	1.28E-28	-6.10E-5
	CC4	0.0546	-0.0054	-0.1055	-4.66E-5	1.28E-28	-4.73E-5
	CC5	-0.0545	0.0061	-0.0990	4.65E-5	-1.28E-28	4.67E-5
	CC6	-0.0529	-0.0025	-0.0950	-3.86E-5	-1.28E-28	6.05E-5
	CC7	-0.0521	-0.0735	-0.0524	-7.28E-4	-1.96E-28	1.06E-4
	CC8	-0.0505	-0.0821	-0.0485	-8.13E-4	-1.96E-28	1.19E-4
	CC9	0.0091	0.1586	-0.1949	1.55E-3	1.63E-28	-1.46E-4
	CC10	0.0145	0.1302	-0.1819	1.26E-3	1.63E-28	-1.01E-4
	CC11	-0.0224	0.1357	-0.1778	1.32E-3	6.54E-29	-9.62E-5

	CC12	-0.0170	0.1073	-0.1648	1.03E-3	6.54E-29	-5.07E-5
	CC13	0.0171	-0.1066	-0.0397	-1.03E-3	-6.54E-29	5.01E-5
	CC14	0.0225	-0.1350	-0.0267	-1.32E-3	-6.54E-29	9.56E-5
	CC15	-0.0144	-0.1296	-0.0226	-1.26E-3	-1.63E-28	1.00E-4
	CC16	-0.0090	-0.1580	-0.0096	-1.55E-3	-1.63E-28	1.46E-4
570	CC1	0.0165	0.0233	-0.1546	5.41E-4	2.15E-28	-7.61E-5
	CC2	0.0171	0.0209	-0.1510	4.85E-4	2.15E-28	-6.76E-5
	CC3	0.0174	0.0007	-0.1103	2.21E-5	1.40E-28	-2.45E-5
	CC4	0.0180	-0.0017	-0.1066	-3.37E-5	1.40E-28	-1.61E-5
	CC5	-0.0184	0.0020	-0.0934	4.02E-5	-1.40E-28	1.56E-5
	CC6	-0.0178	-0.0004	-0.0898	-1.57E-5	-1.40E-28	2.41E-5
	CC7	-0.0175	-0.0206	-0.0491	-4.79E-4	-2.15E-28	6.72E-5
	CC8	-0.0170	-0.0230	-0.0454	-5.35E-4	-2.15E-28	7.56E-5
	CC9	0.0026	0.0450	-0.1891	1.04E-3	1.79E-28	-1.14E-4
	CC10	0.0045	0.0371	-0.1771	8.51E-4	1.79E-28	-8.59E-5
	CC11	-0.0079	0.0386	-0.1708	8.85E-4	7.28E-29	-8.64E-5
	CC12	-0.0060	0.0307	-0.1587	7.00E-4	7.28E-29	-5.84E-5
	CC13	0.0056	-0.0304	-0.0413	-6.94E-4	-7.28E-29	5.79E-5
	CC14	0.0074	-0.0383	-0.0293	-8.79E-4	-7.28E-29	8.60E-5
	CC15	-0.0049	-0.0368	-0.0230	-8.44E-4	-1.79E-28	8.54E-5
	CC16	-0.0030	-0.0447	-0.0109	-1.03E-3	-1.79E-28	1.13E-4
571	CC1	0.0192	0.0219	-0.1705	4.92E-4	2.68E-28	2.81E-5
	CC2	0.0197	0.0197	-0.1675	4.42E-4	2.68E-28	2.70E-5
	CC3	0.0195	0.0000	-0.1256	-8.83E-6	1.73E-28	-1.53E-5
	CC4	0.0200	-0.0022	-0.1226	-5.88E-5	1.73E-28	-1.64E-5
	CC5	-0.0194	0.0025	-0.0770	6.52E-5	-1.73E-28	1.66E-5
	CC6	-0.0189	0.0003	-0.0740	1.53E-5	-1.73E-28	1.55E-5
	CC7	-0.0191	-0.0193	-0.0321	-4.36E-4	-2.68E-28	-2.68E-5
	CC8	-0.0186	-0.0216	-0.0292	-4.86E-4	-2.68E-28	-2.79E-5
	CC9	0.0047	0.0432	-0.1935	9.85E-4	2.25E-28	7.60E-5
	CC10	0.0066	0.0358	-0.1837	8.20E-4	2.25E-28	7.23E-5
	CC11	-0.0069	0.0374	-0.1655	8.57E-4	9.25E-29	7.25E-5
	CC12	-0.0050	0.0300	-0.1556	6.92E-4	9.25E-29	6.88E-5
	CC13	0.0056	-0.0297	-0.0440	-6.85E-4	-9.25E-29	-6.86E-5
	CC14	0.0075	-0.0371	-0.0342	-8.51E-4	-9.25E-29	-7.23E-5
	CC15	-0.0059	-0.0355	-0.0160	-8.13E-4	-2.25E-28	-7.21E-5
	CC16	-0.0041	-0.0429	-0.0061	-9.79E-4	-2.25E-28	-7.58E-5
572	CC1	0.0551	0.0756	-0.1783	7.19E-4	1.59E-28	-2.71E-5
	CC2	0.0568	0.0679	-0.1753	6.46E-4	1.59E-28	-2.24E-5
	CC3	0.0571	-0.0018	-0.1310	-3.83E-5	1.03E-28	-6.42E-5
	CC4	0.0588	-0.0095	-0.1280	-1.11E-4	1.03E-28	-5.94E-5
	CC5	-0.0583	0.0101	-0.0761	1.10E-4	-1.03E-28	5.92E-5
	CC6	-0.0566	0.0024	-0.0730	3.74E-5	-1.03E-28	6.39E-5
	CC7	-0.0563	-0.0673	-0.0288	-6.47E-4	-1.59E-28	2.22E-5
	CC8	-0.0546	-0.0750	-0.0257	-7.20E-4	-1.59E-28	2.69E-5
	CC9	0.0111	0.1518	-0.2012	1.47E-3	1.32E-28	4.09E-5
	CC10	0.0168	0.1263	-0.1912	1.23E-3	1.32E-28	5.64E-5
	CC11	-0.0229	0.1321	-0.1705	1.29E-3	5.34E-29	6.68E-5
	CC12	-0.0172	0.1067	-0.1605	1.05E-3	5.34E-29	8.23E-5
	CC13	0.0178	-0.1061	-0.0436	-1.05E-3	-5.34E-29	-8.26E-5
	CC14	0.0235	-0.1315	-0.0335	-1.29E-3	-5.34E-29	-6.70E-5
	CC15	-0.0162	-0.1257	-0.0129	-1.23E-3	-1.32E-28	-5.67E-5
	CC16	-0.0105	-0.1512	-0.0028	-1.48E-3	-1.32E-28	-4.11E-5
573	CC1	0.0981	0.1375	-0.1765	6.91E-4	8.85E-29	-7.79E-5
	CC2	0.1012	0.1235	-0.1731	6.20E-4	8.85E-29	-6.66E-5
	CC3	0.1026	-0.0051	-0.1265	-4.03E-5	5.72E-29	-1.02E-4
	CC4	0.1057	-0.0191	-0.1230	-1.11E-4	5.72E-29	-9.04E-5
	CC5	-0.1050	0.0188	-0.0857	8.89E-5	-5.72E-29	8.95E-5
	CC6	-0.1019	0.0047	-0.0823	1.83E-5	-5.72E-29	1.01E-4
	CC7	-0.1005	-0.1238	-0.0357	-6.42E-4	-8.85E-29	6.57E-5
	CC8	-0.0974	-0.1379	-0.0322	-7.13E-4	-8.85E-29	7.70E-5
	CC9	0.0182	0.2785	-0.2070	1.42E-3	7.40E-29	-4.66E-6
	CC10	0.0284	0.2321	-0.1957	1.18E-3	7.40E-29	3.28E-5
	CC11	-0.0427	0.2429	-0.1798	1.23E-3	3.03E-29	4.55E-5
	CC12	-0.0325	0.1964	-0.1684	1.00E-3	3.03E-29	8.30E-5
	CC13	0.0332	-0.1968	-0.0403	-1.02E-3	-3.03E-29	-8.39E-5
	CC14	0.0434	-0.2433	-0.0289	-1.26E-3	-3.03E-29	-4.64E-5
	CC15	-0.0277	-0.2324	-0.0130	-1.20E-3	-7.40E-29	-3.37E-5
	CC16	-0.0175	-0.2789	-0.0017	-1.44E-3	-7.40E-29	3.75E-6
574	CC1	0.0164	0.0268	-0.1686	5.98E-4	1.53E-28	-3.81E-5
	CC2	0.0169	0.0240	-0.1654	5.35E-4	1.53E-28	-3.36E-5
	CC3	0.0170	0.0021	-0.1250	4.83E-5	9.91E-29	-2.19E-5

	CC4	0.0175	-0.0007	-0.1219	-1.42E-5	9.91E-29	-1.75E-5
	CC5	-0.0174	0.0010	-0.0782	2.13E-5	-9.91E-29	1.70E-5
	CC6	-0.0169	-0.0018	-0.0751	-4.11E-5	-9.91E-29	2.14E-5
	CC7	-0.0168	-0.0237	-0.0347	-5.28E-4	-1.53E-28	3.31E-5
	CC8	-0.0163	-0.0265	-0.0316	-5.91E-4	-1.53E-28	3.76E-5
	CC9	0.0032	0.0498	-0.1914	1.11E-3	1.28E-28	-4.28E-5
	CC10	0.0049	0.0405	-0.1810	9.03E-4	1.28E-28	-2.81E-5
	CC11	-0.0070	0.0420	-0.1643	9.36E-4	5.22E-29	-2.63E-5
	CC12	-0.0052	0.0328	-0.1539	7.30E-4	5.22E-29	-1.16E-5
	CC13	0.0053	-0.0325	-0.0462	-7.23E-4	-5.22E-29	1.11E-5
	CC14	0.0071	-0.0417	-0.0359	-9.29E-4	-5.22E-29	2.58E-5
	CC15	-0.0048	-0.0402	-0.0191	-8.95E-4	-1.28E-28	2.76E-5
	CC16	-0.0031	-0.0494	-0.0088	-1.10E-3	-1.28E-28	4.23E-5
575	CC1	0.0514	0.0900	-0.1781	8.47E-4	3.49E-29	-1.05E-4
	CC2	0.0531	0.0805	-0.1749	7.58E-4	3.49E-29	-9.27E-5
	CC3	0.0536	0.0070	-0.1329	6.21E-5	2.25E-29	-6.19E-5
	CC4	0.0553	-0.0024	-0.1298	-2.71E-5	2.25E-29	-4.97E-5
	CC5	-0.0546	0.0031	-0.0750	2.76E-5	-2.25E-29	4.81E-5
	CC6	-0.0530	-0.0063	-0.0719	-6.15E-5	-2.25E-29	6.03E-5
	CC7	-0.0525	-0.0799	-0.0299	-7.57E-4	-3.49E-29	9.11E-5
	CC8	-0.0508	-0.0893	-0.0267	-8.46E-4	-3.49E-29	1.03E-4
	CC9	0.0099	0.1672	-0.1983	1.58E-3	2.92E-29	-1.16E-4
	CC10	0.0153	0.1360	-0.1879	1.28E-3	2.92E-29	-7.52E-5
	CC11	-0.0219	0.1412	-0.1674	1.33E-3	1.20E-29	-6.97E-5
	CC12	-0.0165	0.1100	-0.1570	1.04E-3	1.20E-29	-2.93E-5
	CC13	0.0171	-0.1093	-0.0478	-1.04E-3	-1.20E-29	2.78E-5
	CC14	0.0226	-0.1405	-0.0374	-1.33E-3	-1.20E-29	6.81E-5
	CC15	-0.0147	-0.1353	-0.0169	-1.28E-3	-2.92E-29	7.36E-5
	CC16	-0.0093	-0.1665	-0.0065	-1.58E-3	-2.92E-29	1.14E-4
576	CC1	0.0955	0.1604	-0.1902	7.64E-4	2.20E-28	-1.72E-4
	CC2	0.0985	0.1435	-0.1872	6.84E-4	2.20E-28	-1.52E-4
	CC3	0.1001	0.0111	-0.1435	3.11E-5	1.42E-28	-1.02E-4
	CC4	0.1031	-0.0057	-0.1404	-4.95E-5	1.42E-28	-8.22E-5
	CC5	-0.1018	0.0057	-0.0690	3.05E-5	-1.42E-28	7.89E-5
	CC6	-0.0988	-0.0112	-0.0659	-5.01E-5	-1.42E-28	9.88E-5
	CC7	-0.0972	-0.1436	-0.0222	-7.03E-4	-2.20E-28	1.49E-4
	CC8	-0.0942	-0.1604	-0.0192	-7.83E-4	-2.20E-28	1.69E-4
	CC9	0.0176	0.2998	-0.2058	1.46E-3	1.84E-28	-1.89E-4
	CC10	0.0276	0.2440	-0.1958	1.19E-3	1.84E-28	-1.23E-4
	CC11	-0.0416	0.2534	-0.1694	1.24E-3	7.50E-29	-1.14E-4
	CC12	-0.0316	0.1976	-0.1594	9.69E-4	7.50E-29	-4.80E-5
	CC13	0.0329	-0.1977	-0.0500	-9.88E-4	-7.50E-29	4.47E-5
	CC14	0.0429	-0.2535	-0.0400	-1.25E-3	-7.50E-29	1.11E-4
	CC15	-0.0263	-0.2441	-0.0136	-1.21E-3	-1.84E-28	1.20E-4
	CC16	-0.0163	-0.2999	-0.0036	-1.47E-3	-1.84E-28	1.86E-4
577	CC1	0.0180	0.0220	-0.1551	4.89E-4	1.95E-28	-1.21E-5
	CC2	0.0186	0.0198	-0.1516	4.40E-4	1.95E-28	-1.02E-5
	CC3	0.0186	-0.0014	-0.1096	-3.22E-5	1.27E-28	-2.30E-5
	CC4	0.0191	-0.0036	-0.1061	-8.11E-5	1.27E-28	-2.11E-5
	CC5	-0.0190	0.0039	-0.0934	8.79E-5	-1.27E-28	2.14E-5
	CC6	-0.0184	0.0017	-0.0899	3.91E-5	-1.27E-28	2.33E-5
	CC7	-0.0184	-0.0195	-0.0479	-4.33E-4	-1.95E-28	1.05E-5
	CC8	-0.0179	-0.0217	-0.0444	-4.82E-4	-1.95E-28	1.24E-5
	CC9	0.0038	0.0455	-0.1906	1.01E-3	1.62E-28	1.01E-5
	CC10	0.0056	0.0382	-0.1790	8.51E-4	1.62E-28	1.64E-5
	CC11	-0.0073	0.0401	-0.1721	8.93E-4	6.55E-29	2.01E-5
	CC12	-0.0055	0.0328	-0.1605	7.31E-4	6.55E-29	2.64E-5
	CC13	0.0056	-0.0324	-0.0390	-7.24E-4	-6.55E-29	-2.61E-5
	CC14	0.0075	-0.0397	-0.0274	-8.86E-4	-6.55E-29	-1.98E-5
	CC15	-0.0055	-0.0379	-0.0204	-8.44E-4	-1.62E-28	-1.61E-5
	CC16	-0.0036	-0.0452	-0.0089	-1.01E-3	-1.62E-28	-9.75E-6
578	CC1	0.0551	0.0737	-0.1556	6.98E-4	1.58E-29	-3.94E-5
	CC2	0.0568	0.0663	-0.1518	6.28E-4	1.58E-29	-3.35E-5
	CC3	0.0574	-0.0055	-0.1070	-6.03E-5	1.02E-29	-6.27E-5
	CC4	0.0591	-0.0129	-0.1032	-1.30E-4	1.02E-29	-5.68E-5
	CC5	-0.0591	0.0135	-0.1007	1.30E-4	-1.02E-29	5.76E-5
	CC6	-0.0573	0.0062	-0.0969	5.97E-5	-1.02E-29	6.36E-5
	CC7	-0.0568	-0.0657	-0.0521	-6.28E-4	-1.58E-29	3.44E-5
	CC8	-0.0550	-0.0730	-0.0483	-6.98E-4	-1.58E-29	4.03E-5
	CC9	0.0104	0.1535	-0.1975	1.46E-3	1.32E-29	1.48E-5
	CC10	0.0162	0.1291	-0.1849	1.23E-3	1.32E-29	3.46E-5
	CC11	-0.0239	0.1355	-0.1811	1.29E-3	5.41E-3	4.39E-5

	CC12	-0.0181	0.1111	-0.1685	1.06E-3	5.41E-3	6.37E-5
	CC13	0.0181	-0.1105	-0.0355	-1.06E-3	-5.41E-3	-6.28E-5
	CC14	0.0239	-0.1349	-0.0229	-1.29E-3	-5.41E-3	-4.31E-5
	CC15	-0.0161	-0.1285	-0.0190	-1.23E-3	-1.32E-29	-3.37E-5
	CC16	-0.0103	-0.1529	-0.0064	-1.46E-3	-1.32E-29	-1.39E-5
579	CC1	0.0989	0.1332	-0.1540	6.73E-4	2.92E-29	-6.73E-5
	CC2	0.1020	0.1199	-0.1498	6.05E-4	2.92E-29	-5.72E-5
	CC3	0.1037	-0.0111	-0.1022	-6.15E-5	1.90E-29	-1.01E-4
	CC4	0.1069	-0.0245	-0.0980	-1.30E-4	1.90E-29	-9.10E-5
	CC5	-0.1067	0.0242	-0.1104	1.08E-4	-1.90E-29	9.29E-5
	CC6	-0.1035	0.0108	-0.1061	3.98E-5	-1.90E-29	1.03E-4
	CC7	-0.1018	-0.1202	-0.0585	-6.27E-4	-2.92E-29	5.90E-5
	CC8	-0.0987	-0.1336	-0.0543	-6.95E-4	-2.92E-29	6.92E-5
	CC9	0.0177	0.2790	-0.2041	1.41E-3	2.43E-29	1.65E-5
	CC10	0.0281	0.2347	-0.1901	1.19E-3	2.43E-29	5.01E-5
	CC11	-0.0440	0.2463	-0.1910	1.24E-3	9.82E-3	6.46E-5
	CC12	-0.0336	0.2019	-0.1770	1.02E-3	9.82E-3	9.82E-5
	CC13	0.0338	-0.2023	-0.0314	-1.04E-3	-9.82E-3	-9.63E-5
	CC14	0.0442	-0.2466	-0.0173	-1.26E-3	-9.82E-3	-6.27E-5
	CC15	-0.0279	-0.2350	-0.0183	-1.21E-3	-2.43E-29	-4.82E-5
	CC16	-0.0175	-0.2793	-0.0042	-1.43E-3	-2.43E-29	-1.46E-5
580	CC1	0.0193	0.0423	-0.1460	1.87E-28	-4.33E-4	3.48E-5
	CC2	0.0189	0.0375	-0.1456	1.87E-28	-4.24E-4	3.47E-5
	CC3	0.0191	0.0111	-0.1389	1.22E-28	-4.27E-4	3.06E-5
	CC4	0.0186	0.0063	-0.1385	1.22E-28	-4.18E-4	3.06E-5
	CC5	-0.0177	-0.0065	-0.0608	-1.22E-28	3.96E-4	-3.01E-5
	CC6	-0.0181	-0.0112	-0.0604	-1.22E-28	4.05E-4	-3.02E-5
	CC7	-0.0179	-0.0377	-0.0537	-1.87E-28	4.02E-4	-3.43E-5
	CC8	-0.0183	-0.0425	-0.0533	-1.87E-28	4.11E-4	-3.44E-5
	CC9	0.0071	0.0671	-0.1248	1.56E-28	-1.60E-4	1.70E-5
	CC10	0.0058	0.0514	-0.1235	1.56E-28	-1.32E-4	1.67E-5
	CC11	-0.0040	0.0525	-0.0992	6.32E-29	8.88E-5	-2.49E-6
	CC12	-0.0053	0.0368	-0.0980	6.32E-29	1.17E-4	-2.82E-6
	CC13	0.0063	-0.0369	-0.1013	-6.32E-29	-1.39E-4	3.23E-6
	CC14	0.0049	-0.0526	-0.1001	-6.32E-29	-1.11E-4	2.91E-6
	CC15	-0.0048	-0.0516	-0.0758	-1.56E-28	1.10E-4	-1.62E-5
	CC16	-0.0062	-0.0673	-0.0745	-1.56E-28	1.38E-4	-1.66E-5
581	CC1	0.0185	0.0422	-0.1291	1.41E-28	-4.22E-4	-2.12E-5
	CC2	0.0181	0.0375	-0.1315	1.41E-28	-4.12E-4	-2.07E-5
	CC3	0.0191	0.0110	-0.1470	9.13E-29	-4.34E-4	-3.00E-5
	CC4	0.0187	0.0062	-0.1494	9.13E-29	-4.23E-4	-2.95E-5
	CC5	-0.0176	-0.0066	-0.0504	-9.13E-29	3.99E-4	2.64E-5
	CC6	-0.0180	-0.0114	-0.0528	-9.13E-29	4.09E-4	2.69E-5
	CC7	-0.0170	-0.0378	-0.0683	-1.41E-28	3.87E-4	1.77E-5
	CC8	-0.0174	-0.0426	-0.0707	-1.41E-28	3.98E-4	1.82E-5
	CC9	0.0056	0.0670	-0.0779	1.18E-28	-1.34E-4	5.04E-6
	CC10	0.0042	0.0513	-0.0858	1.18E-28	-9.89E-5	6.71E-6
	CC11	-0.0052	0.0524	-0.0543	4.79E-29	1.13E-4	1.93E-5
	CC12	-0.0066	0.0367	-0.0622	4.79E-29	1.47E-4	2.10E-5
	CC13	0.0077	-0.0371	-0.1376	-4.79E-29	-1.72E-4	-2.40E-5
	CC14	0.0063	-0.0528	-0.1455	-4.79E-29	-1.37E-4	-2.24E-5
	CC15	-0.0031	-0.0517	-0.1139	-1.18E-28	7.44E-5	-9.75E-6
	CC16	-0.0045	-0.0674	-0.1219	-1.18E-28	1.09E-4	-8.08E-6
582	CC1	0.1125	0.1926	-0.1544	1.47E-28	-5.72E-4	-9.80E-5
	CC2	0.1102	0.1711	-0.1528	1.47E-28	-5.60E-4	-8.61E-5
	CC3	0.1146	0.0496	-0.1388	9.50E-29	-5.81E-4	-8.42E-5
	CC4	0.1124	0.0281	-0.1372	9.50E-29	-5.68E-4	-7.23E-5
	CC5	-0.1078	-0.0301	-0.0688	-9.50E-29	5.56E-4	6.88E-5
	CC6	-0.1100	-0.0515	-0.0673	-9.50E-29	5.69E-4	8.08E-5
	CC7	-0.1056	-0.1731	-0.0532	-1.47E-28	5.48E-4	8.27E-5
	CC8	-0.1079	-0.1945	-0.0517	-1.47E-28	5.61E-4	9.46E-5
	CC9	0.0355	0.3062	-0.1444	1.22E-28	-1.82E-4	-6.96E-5
	CC10	0.0281	0.2352	-0.1392	1.22E-28	-1.41E-4	-2.99E-5
	CC11	-0.0306	0.2394	-0.1188	4.99E-29	1.57E-4	-1.95E-5
	CC12	-0.0380	0.1684	-0.1136	4.99E-29	1.98E-4	2.01E-5
	CC13	0.0426	-0.1704	-0.0925	-4.99E-29	-2.10E-4	-2.36E-5
	CC14	0.0352	-0.2414	-0.0873	-4.99E-29	-1.69E-4	1.61E-5
	CC15	-0.0235	-0.2372	-0.0668	-1.22E-28	1.29E-4	2.65E-5
	CC16	-0.0309	-0.3082	-0.0616	-1.22E-28	1.70E-4	6.62E-5
583	CC1	0.0627	0.1097	-0.1502	1.74E-28	-5.71E-4	3.47E-5
	CC2	0.0615	0.0975	-0.1492	1.74E-28	-5.60E-4	3.92E-5
	CC3	0.0638	0.0286	-0.1387	1.12E-28	-5.85E-4	3.60E-5

	CC4	0.0626	0.0163	-0.1377	1.12E-28	-5.75E-4	4.06E-5
	CC5	-0.0596	-0.0171	-0.0651	-1.12E-28	5.51E-4	-4.28E-5
	CC6	-0.0608	-0.0294	-0.0641	-1.12E-28	5.61E-4	-3.82E-5
	CC7	-0.0584	-0.0983	-0.0536	-1.74E-28	5.36E-4	-4.14E-5
	CC8	-0.0597	-0.1106	-0.0526	-1.74E-28	5.47E-4	-3.69E-5
	CC9	0.0200	0.1742	-0.1350	1.45E-28	-1.73E-4	7.27E-7
	CC10	0.0159	0.1336	-0.1317	1.45E-28	-1.38E-4	1.57E-5
	CC11	-0.0166	0.1361	-0.1094	5.97E-29	1.63E-4	-2.25E-5
	CC12	-0.0207	0.0955	-0.1061	5.97E-29	1.98E-4	-7.52E-6
	CC13	0.0237	-0.0964	-0.0967	-5.97E-29	-2.22E-4	5.33E-6
	CC14	0.0197	-0.1370	-0.0934	-5.97E-29	-1.87E-4	2.03E-5
	CC15	-0.0129	-0.1344	-0.0711	-1.45E-28	1.14E-4	-1.79E-5
	CC16	-0.0170	-0.1750	-0.0678	-1.45E-28	1.49E-4	-2.92E-6
584	CC1	0.0632	0.1096	-0.1260	1.92E-28	-6.02E-4	-4.38E-5
	CC2	0.0615	0.0973	-0.1294	1.92E-28	-5.84E-4	-3.83E-5
	CC3	0.0643	0.0285	-0.1501	1.25E-28	-5.92E-4	-4.59E-5
	CC4	0.0626	0.0162	-0.1534	1.25E-28	-5.74E-4	-4.04E-5
	CC5	-0.0592	-0.0173	-0.0502	-1.25E-28	5.48E-4	3.62E-5
	CC6	-0.0609	-0.0295	-0.0535	-1.25E-28	5.66E-4	4.17E-5
	CC7	-0.0581	-0.0984	-0.0743	-1.92E-28	5.58E-4	3.41E-5
	CC8	-0.0598	-0.1106	-0.0776	-1.92E-28	5.76E-4	3.96E-5
	CC9	0.0210	0.1740	-0.0676	1.59E-28	-2.33E-4	-1.96E-5
	CC10	0.0154	0.1334	-0.0786	1.59E-28	-1.72E-4	-1.40E-6
	CC11	-0.0157	0.1359	-0.0448	6.38E-29	1.12E-4	4.35E-6
	CC12	-0.0213	0.0953	-0.0559	6.38E-29	1.73E-4	2.26E-5
	CC13	0.0247	-0.0963	-0.1478	-6.38E-29	-1.99E-4	-2.68E-5
	CC14	0.0191	-0.1369	-0.1588	-6.38E-29	-1.38E-4	-8.55E-6
	CC15	-0.0120	-0.1344	-0.1250	-1.59E-28	1.46E-4	-2.81E-6
	CC16	-0.0177	-0.1750	-0.1361	-1.59E-28	2.07E-4	1.54E-5
585	CC1	0.1167	0.1924	-0.1264	1.55E-28	-6.10E-4	-1.02E-4
	CC2	0.1133	0.1710	-0.1307	1.55E-28	-5.90E-4	-8.94E-5
	CC3	0.1155	0.0496	-0.1562	1.01E-28	-6.00E-4	-8.93E-5
	CC4	0.1121	0.0281	-0.1605	1.01E-28	-5.79E-4	-7.66E-5
	CC5	-0.1072	-0.0301	-0.0467	-1.01E-28	5.69E-4	7.29E-5
	CC6	-0.1106	-0.0516	-0.0509	-1.01E-28	5.89E-4	8.56E-5
	CC7	-0.1084	-0.1730	-0.0765	-1.55E-28	5.79E-4	8.58E-5
	CC8	-0.1118	-0.1944	-0.0808	-1.55E-28	6.00E-4	9.85E-5
	CC9	0.0438	0.3059	-0.0588	1.29E-28	-2.34E-4	-7.06E-5
	CC10	0.0325	0.2350	-0.0729	1.29E-28	-1.66E-4	-2.85E-5
	CC11	-0.0234	0.2392	-0.0348	5.23E-29	1.20E-4	-1.81E-5
	CC12	-0.0347	0.1682	-0.0489	5.23E-29	1.88E-4	2.40E-5
	CC13	0.0397	-0.1702	-0.1582	-5.23E-29	-1.99E-4	-2.77E-5
	CC14	0.0284	-0.2411	-0.1723	-5.23E-29	-1.31E-4	1.44E-5
	CC15	-0.0275	-0.2370	-0.1343	-1.29E-28	1.55E-4	2.48E-5
	CC16	-0.0388	-0.3079	-0.1484	-1.29E-28	2.23E-4	6.69E-5
586	CC1	0.0264	0.0567	-0.1334	7.74E-4	-8.84E-5	-3.75E-4
	CC2	0.0257	0.0502	-0.1400	6.87E-4	-7.85E-5	-3.30E-4
	CC3	0.0304	0.0189	-0.1867	2.33E-4	-2.66E-5	-1.74E-4
	CC4	0.0298	0.0124	-0.1933	1.46E-4	-1.67E-5	-1.29E-4
	CC5	-0.0274	-0.0132	-0.0090	-1.53E-4	1.75E-5	1.30E-4
	CC6	-0.0280	-0.0197	-0.0157	-2.40E-4	2.75E-5	1.75E-4
	CC7	-0.0233	-0.0510	-0.0623	-6.94E-4	7.93E-5	3.31E-4
	CC8	-0.0240	-0.0575	-0.0690	-7.81E-4	8.93E-5	3.76E-4
	CC9	0.0036	0.0839	-0.0200	1.18E-3	-1.35E-4	-4.84E-4
	CC10	0.0015	0.0624	-0.0419	8.93E-4	-1.02E-4	-3.37E-4
	CC11	-0.0125	0.0630	0.0173	9.03E-4	-1.03E-4	-3.32E-4
	CC12	-0.0146	0.0414	-0.0046	6.15E-4	-7.03E-5	-1.85E-4
	CC13	0.0170	-0.0422	-0.1977	-6.22E-4	7.11E-5	1.86E-4
	CC14	0.0149	-0.0637	-0.2196	-9.10E-4	1.04E-4	3.33E-4
	CC15	0.0009	-0.0632	-0.1604	-9.00E-4	1.03E-4	3.38E-4
	CC16	-0.0012	-0.0847	-0.1823	-1.19E-3	1.36E-4	4.85E-4
587	CC1	0.0679	0.1300	-0.1341	9.10E-4	-1.04E-4	-2.92E-4
	CC2	0.0656	0.1153	-0.1429	8.08E-4	-9.24E-5	-2.57E-4
	CC3	0.0712	0.0396	-0.2046	2.66E-4	-3.04E-5	-1.57E-4
	CC4	0.0688	0.0249	-0.2135	1.64E-4	-1.88E-5	-1.22E-4
	CC5	-0.0646	-0.0265	0.0074	-1.70E-4	1.95E-5	1.24E-4
	CC6	-0.0670	-0.0412	-0.0014	-2.72E-4	3.11E-5	1.59E-4
	CC7	-0.0613	-0.1169	-0.0632	-8.14E-4	9.30E-5	2.59E-4
	CC8	-0.0637	-0.1316	-0.0720	-9.16E-4	1.05E-4	2.94E-4
	CC9	0.0203	0.1977	0.0080	1.40E-3	-1.60E-4	-3.44E-4
	CC10	0.0127	0.1490	-0.0212	1.06E-3	-1.22E-4	-2.28E-4
	CC11	-0.0194	0.1508	0.0505	1.08E-3	-1.23E-4	-2.19E-4



	CC12	-0.0271	0.1021	0.0212	7.39E-4	-8.45E-5	-1.03E-4
	CC13	0.0313	-0.1036	-0.2273	-7.45E-4	8.52E-5	1.05E-4
	CC14	0.0236	-0.1523	-0.2565	-1.08E-3	1.24E-4	2.21E-4
	CC15	-0.0084	-0.1506	-0.1848	-1.07E-3	1.22E-4	2.30E-4
	CC16	-0.0161	-0.1993	-0.2141	-1.41E-3	1.61E-4	3.46E-4
588	CC1	0.1197	0.2079	-0.1369	9.10E-4	-1.04E-4	-1.44E-4
	CC2	0.1151	0.1845	-0.1477	8.08E-4	-9.24E-5	-1.25E-4
	CC3	0.1181	0.0610	-0.2233	2.61E-4	-2.99E-5	-1.18E-4
	CC4	0.1135	0.0376	-0.2342	1.59E-4	-1.82E-5	-9.93E-5
	CC5	-0.1083	-0.0401	0.0249	-1.73E-4	1.97E-5	1.08E-4
	CC6	-0.1129	-0.0635	0.0141	-2.75E-4	3.14E-5	1.27E-4
	CC7	-0.1099	-0.1870	-0.0616	-8.22E-4	9.39E-5	1.34E-4
	CC8	-0.1145	-0.2104	-0.0724	-9.24E-4	1.06E-4	1.52E-4
	CC9	0.0471	0.3195	0.0331	1.41E-3	-1.61E-4	-1.08E-4
	CC10	0.0319	0.2420	-0.0027	1.07E-3	-1.22E-4	-4.52E-5
	CC11	-0.0213	0.2451	0.0816	1.08E-3	-1.24E-4	-3.21E-5
	CC12	-0.0365	0.1676	0.0458	7.43E-4	-8.50E-5	3.03E-5
	CC13	0.0417	-0.1701	-0.2551	-7.57E-4	8.65E-5	-2.18E-5
	CC14	0.0265	-0.2476	-0.2909	-1.09E-3	1.25E-4	4.06E-5
	CC15	-0.0268	-0.2445	-0.2066	-1.08E-3	1.24E-4	5.37E-5
	CC16	-0.0419	-0.3221	-0.2424	-1.42E-3	1.62E-4	1.16E-4
589	CC1	0.0314	0.0564	-0.2010	7.50E-4	-7.67E-5	-3.44E-4
	CC2	0.0306	0.0500	-0.1959	6.66E-4	-6.81E-5	-3.03E-4
	CC3	0.0280	0.0188	-0.1682	2.19E-4	-2.24E-5	-1.54E-4
	CC4	0.0272	0.0124	-0.1631	1.35E-4	-1.38E-5	-1.13E-4
	CC5	-0.0252	-0.0128	-0.0376	-1.39E-4	1.42E-5	1.19E-4
	CC6	-0.0260	-0.0193	-0.0325	-2.23E-4	2.28E-5	1.60E-4
	CC7	-0.0286	-0.0504	-0.0048	-6.70E-4	6.86E-5	3.09E-4
	CC8	-0.0294	-0.0569	0.0003	-7.54E-4	7.72E-5	3.50E-4
	CC9	0.0164	0.0835	-0.1879	1.16E-3	-1.18E-4	-4.51E-4
	CC10	0.0137	0.0622	-0.1711	8.78E-4	-8.98E-5	-3.15E-4
	CC11	-0.0006	0.0627	-0.1389	8.90E-4	-9.10E-5	-3.12E-4
	CC12	-0.0033	0.0414	-0.1221	6.11E-4	-6.25E-5	-1.76E-4
	CC13	0.0053	-0.0419	-0.0786	-6.16E-4	6.30E-5	1.82E-4
	CC14	0.0026	-0.0632	-0.0618	-8.94E-4	9.14E-5	3.18E-4
	CC15	-0.0117	-0.0626	-0.0296	-8.82E-4	9.02E-5	3.21E-4
	CC16	-0.0144	-0.0839	-0.0128	-1.16E-3	1.19E-4	4.57E-4
590	CC1	0.0696	0.1299	-0.2202	9.13E-4	-9.34E-5	-2.70E-4
	CC2	0.0683	0.1152	-0.2132	8.11E-4	-8.29E-5	-2.37E-4
	CC3	0.0666	0.0398	-0.1744	2.63E-4	-2.69E-5	-1.43E-4
	CC4	0.0653	0.0251	-0.1674	1.61E-4	-1.64E-5	-1.10E-4
	CC5	-0.0617	-0.0263	-0.0362	-1.69E-4	1.73E-5	1.20E-4
	CC6	-0.0629	-0.0410	-0.0292	-2.71E-4	2.77E-5	1.52E-4
	CC7	-0.0647	-0.1164	0.0096	-8.19E-4	8.37E-5	2.47E-4
	CC8	-0.0660	-0.1311	0.0167	-9.21E-4	9.42E-5	2.80E-4
	CC9	0.0286	0.1973	-0.2174	1.41E-3	-1.44E-4	-3.20E-4
	CC10	0.0244	0.1487	-0.1941	1.07E-3	-1.10E-4	-2.12E-4
	CC11	-0.0108	0.1505	-0.1622	1.09E-3	-1.11E-4	-2.03E-4
	CC12	-0.0150	0.1019	-0.1389	7.48E-4	-7.65E-5	-9.50E-5
	CC13	0.0186	-0.1030	-0.0647	-7.56E-4	7.73E-5	1.05E-4
	CC14	0.0144	-0.1516	-0.0414	-1.09E-3	1.12E-4	2.13E-4
	CC15	-0.0208	-0.1499	-0.0095	-1.08E-3	1.11E-4	2.22E-4
	CC16	-0.0250	-0.1985	0.0138	-1.42E-3	1.45E-4	3.30E-4
591	CC1	0.1123	0.2096	-0.2359	9.08E-4	-9.29E-5	-1.53E-4
	CC2	0.1108	0.1860	-0.2270	8.07E-4	-8.25E-5	-1.34E-4
	CC3	0.1110	0.0621	-0.1776	2.56E-4	-2.62E-5	-1.23E-4
	CC4	0.1095	0.0385	-0.1688	1.55E-4	-1.59E-5	-1.04E-4
	CC5	-0.1049	-0.0405	-0.0374	-1.64E-4	1.68E-5	1.06E-4
	CC6	-0.1064	-0.0641	-0.0285	-2.66E-4	2.72E-5	1.26E-4
	CC7	-0.1061	-0.1880	0.0209	-8.16E-4	8.34E-5	1.36E-4
	CC8	-0.1077	-0.2116	0.0298	-9.17E-4	9.38E-5	1.56E-4
	CC9	0.0395	0.3214	-0.2446	1.41E-3	-1.44E-4	-1.20E-4
	CC10	0.0345	0.2433	-0.2153	1.07E-3	-1.10E-4	-5.54E-5
	CC11	-0.0256	0.2463	-0.1851	1.09E-3	-1.11E-4	-4.22E-5
	CC12	-0.0306	0.1682	-0.1558	7.53E-4	-7.70E-5	2.25E-5
	CC13	0.0353	-0.1703	-0.0503	-7.62E-4	7.79E-5	-1.99E-5
	CC14	0.0303	-0.2484	-0.0211	-1.10E-3	1.12E-4	4.48E-5
	CC15	-0.0299	-0.2453	0.0092	-1.08E-3	1.11E-4	5.80E-5
	CC16	-0.0349	-0.3234	0.0385	-1.42E-3	1.45E-4	1.23E-4
592	CC1	0.0986	0.0886	-0.0698	2.03E-4	1.79E-28	-1.23E-4
	CC2	0.1014	0.0875	-0.0677	1.95E-4	1.79E-28	-1.09E-4
	CC3	0.1003	-0.0316	-0.0234	-5.23E-4	1.16E-28	-6.13E-5

	CC4	0.1031	-0.0327	-0.0213	-5.30E-4	1.16E-28	-4.78E-5
	CC5	-0.1037	0.0313	-0.1547	5.05E-4	-1.16E-28	3.68E-5
	CC6	-0.1009	0.0302	-0.1527	4.98E-4	-1.16E-28	5.03E-5
	CC7	-0.1020	-0.0890	-0.1084	-2.20E-4	-1.79E-28	9.84E-5
	CC8	-0.0992	-0.0901	-0.1063	-2.28E-4	-1.79E-28	1.12E-4
	CC9	0.0225	0.2101	-0.1559	1.16E-3	1.50E-28	-1.55E-4
	CC10	0.0319	0.2065	-0.1491	1.14E-3	1.50E-28	-1.10E-4
	CC11	-0.0382	0.1929	-0.1814	1.26E-3	6.10E-29	-1.07E-4
	CC12	-0.0288	0.1893	-0.1746	1.23E-3	6.10E-29	-6.19E-5
	CC13	0.0282	-0.1907	-0.0015	-1.25E-3	-6.10E-29	5.09E-5
	CC14	0.0376	-0.1944	0.0054	-1.28E-3	-6.10E-29	9.55E-5
	CC15	-0.0325	-0.2079	-0.0270	-1.16E-3	-1.50E-28	9.88E-5
	CC16	-0.0231	-0.2116	-0.0201	-1.19E-3	-1.50E-28	1.43E-4
593	CC1	0.0624	0.0454	-0.0712	4.76E-4	1.18E-28	-5.06E-5
	CC2	0.0642	0.0449	-0.0693	4.69E-4	1.18E-28	-4.43E-5
	CC3	0.0602	-0.0144	-0.0325	-1.70E-4	7.66E-29	-4.55E-5
	CC4	0.0620	-0.0149	-0.0306	-1.77E-4	7.66E-29	-3.92E-5
	CC5	-0.0626	0.0146	-0.1435	1.73E-4	-7.66E-29	3.65E-5
	CC6	-0.0608	0.0141	-0.1416	1.67E-4	-7.66E-29	4.28E-5
	CC7	-0.0648	-0.0452	-0.1048	-4.73E-4	-1.18E-28	4.16E-5
	CC8	-0.0630	-0.0457	-0.1029	-4.80E-4	-1.18E-28	4.79E-5
	CC9	0.0192	0.1050	-0.1439	1.13E-3	9.86E-29	-3.33E-5
	CC10	0.0251	0.1034	-0.1376	1.11E-3	9.86E-29	-1.25E-5
	CC11	-0.0183	0.0957	-0.1656	1.04E-3	4.01E-29	-7.15E-6
	CC12	-0.0124	0.0942	-0.1593	1.02E-3	4.01E-29	1.36E-5
	CC13	0.0118	-0.0945	-0.0148	-1.02E-3	-4.01E-29	-1.63E-5
	CC14	0.0177	-0.0960	-0.0086	-1.04E-3	-4.01E-29	4.44E-6
	CC15	-0.0257	-0.1037	-0.0365	-1.11E-3	-9.86E-29	9.80E-6
	CC16	-0.0198	-0.1053	-0.0303	-1.13E-3	-9.86E-29	3.06E-5
594	CC1	0.0294	0.0125	-0.0725	2.82E-4	1.01E-32	-1.16E-5
	CC2	0.0302	0.0124	-0.0708	2.79E-4	1.01E-32	-9.87E-6
	CC3	0.0266	-0.0035	-0.0419	-8.09E-5	6.55E-33	-1.88E-5
	CC4	0.0275	-0.0037	-0.0402	-8.33E-5	6.55E-33	-1.71E-5
	CC5	-0.0279	0.0036	-0.1319	8.18E-5	-6.55E-33	1.70E-5
	CC6	-0.0271	0.0035	-0.1302	7.93E-5	-6.55E-33	1.88E-5
	CC7	-0.0306	-0.0124	-0.1013	-2.81E-4	-1.01E-32	9.82E-6
	CC8	-0.0298	-0.0125	-0.0996	-2.83E-4	-1.01E-32	1.16E-5
	CC9	0.0115	0.0282	-0.1309	6.37E-4	8.40E-33	4.83E-6
	CC10	0.0143	0.0279	-0.1253	6.29E-4	8.40E-33	1.06E-5
	CC11	-0.0057	0.0255	-0.1487	5.78E-4	3.41E-33	1.34E-5
	CC12	-0.0028	0.0252	-0.1431	5.69E-4	3.41E-33	1.92E-5
	CC13	0.0024	-0.0252	-0.0289	-5.71E-4	-3.41E-33	-1.92E-5
	CC14	0.0052	-0.0256	-0.0233	-5.79E-4	-3.41E-33	-1.35E-5
	CC15	-0.0148	-0.0279	-0.0468	-6.31E-4	-8.40E-33	-1.06E-5
	CC16	-0.0120	-0.0283	-0.0411	-6.39E-4	-8.40E-33	-4.88E-6
595	CC1	0.0294	0.0027	-0.0648	6.39E-5	1.34E-28	-1.22E-5
	CC2	0.0303	0.0028	-0.0629	6.46E-5	1.34E-28	-1.06E-5
	CC3	0.0262	-0.0138	-0.0321	-3.16E-4	8.65E-29	-1.31E-5
	CC4	0.0270	-0.0137	-0.0302	-3.15E-4	8.65E-29	-1.15E-5
	CC5	-0.0275	0.0137	-0.1418	3.13E-4	-8.65E-29	1.07E-5
	CC6	-0.0267	0.0137	-0.1399	3.14E-4	-8.65E-29	1.24E-5
	CC7	-0.0308	-0.0028	-0.1090	-6.62E-5	-1.34E-28	9.81E-6
	CC8	-0.0300	-0.0028	-0.1071	-6.55E-5	-1.34E-28	1.14E-5
	CC9	0.0123	0.0258	-0.1322	5.93E-4	1.13E-28	-5.03E-6
	CC10	0.0151	0.0259	-0.1258	5.96E-4	1.13E-28	3.75E-7
	CC11	-0.0048	0.0291	-0.1553	6.68E-4	4.63E-29	1.86E-6
	CC12	-0.0020	0.0292	-0.1489	6.70E-4	4.63E-29	7.26E-6
	CC13	0.0015	-0.0292	-0.0230	-6.72E-4	-4.63E-29	-8.05E-6
	CC14	0.0043	-0.0291	-0.0167	-6.70E-4	-4.63E-29	-2.65E-6
	CC15	-0.0156	-0.0260	-0.0461	-5.97E-4	-1.13E-28	-1.16E-6
	CC16	-0.0128	-0.0259	-0.0398	-5.95E-4	-1.13E-28	4.24E-6
596	CC1	0.0292	0.0020	-0.0566	4.16E-5	1.29E-29	-6.73E-6
	CC2	0.0301	0.0022	-0.0544	4.66E-5	1.29E-29	-3.75E-6
	CC3	0.0262	-0.0174	-0.0211	-3.92E-4	8.34E-3	-8.27E-5
	CC4	0.0270	-0.0172	-0.0190	-3.87E-4	8.34E-3	-7.97E-5
	CC5	-0.0276	0.0171	-0.1530	3.85E-4	-8.34E-3	8.16E-5
	CC6	-0.0268	0.0173	-0.1508	3.90E-4	-8.34E-3	8.46E-5
	CC7	-0.0307	-0.0022	-0.1175	-4.83E-5	-1.29E-29	5.65E-6
	CC8	-0.0298	-0.0020	-0.1154	-4.32E-5	-1.29E-29	8.63E-6
	CC9	0.0119	0.0296	-0.1341	6.62E-4	1.07E-29	1.09E-4
	CC10	0.0148	0.0303	-0.1270	6.79E-4	1.07E-29	1.19E-4
	CC11	-0.0051	0.0341	-0.1631	7.65E-4	4.35E-3	1.36E-4

	CC12	-0.0023	0.0348	-0.1560	7.82E-4	4.35E-3	1.46E-4
	CC13	0.0017	-0.0349	-0.0159	-7.83E-4	-4.35E-3	-1.44E-4
	CC14	0.0045	-0.0341	-0.0089	-7.67E-4	-4.35E-3	-1.34E-4
	CC15	-0.0154	-0.0303	-0.0449	-6.80E-4	-1.07E-29	-1.17E-4
	CC16	-0.0126	-0.0296	-0.0378	-6.63E-4	-1.07E-29	-1.07E-4
597	CC1	0.0992	0.0218	-0.0581	1.65E-4	2.10E-28	-9.69E-5
	CC2	0.1021	0.0219	-0.0557	1.62E-4	2.10E-28	-8.44E-5
	CC3	0.1005	-0.0960	-0.0033	-5.61E-4	1.35E-28	-1.02E-4
	CC4	0.1034	-0.0960	-0.0009	-5.64E-4	1.35E-28	-8.99E-5
	CC5	-0.1042	0.0939	-0.1747	5.41E-4	-1.35E-28	8.65E-5
	CC6	-0.1013	0.0939	-0.1723	5.38E-4	-1.35E-28	9.89E-5
	CC7	-0.1028	-0.0239	-0.1199	-1.85E-4	-2.10E-28	8.10E-5
	CC8	-0.1000	-0.0239	-0.1174	-1.88E-4	-2.10E-28	9.35E-5
	CC9	0.0232	0.1845	-0.1657	1.15E-3	1.76E-28	-4.07E-5
	CC10	0.0326	0.1846	-0.1577	1.14E-3	1.76E-28	4.96E-7
	CC11	-0.0378	0.2061	-0.2007	1.26E-3	7.23E-29	1.43E-5
	CC12	-0.0284	0.2062	-0.1926	1.25E-3	7.23E-29	5.55E-5
	CC13	0.0276	-0.2083	0.0171	-1.27E-3	-7.23E-29	-5.89E-5
	CC14	0.0371	-0.2082	0.0251	-1.28E-3	-7.23E-29	-1.77E-5
	CC15	-0.0334	-0.1867	-0.0179	-1.16E-3	-1.76E-28	-3.90E-6
	CC16	-0.0239	-0.1866	-0.0099	-1.17E-3	-1.76E-28	3.73E-5
598	CC1	0.0630	0.0491	-0.0614	4.92E-4	1.36E-28	-4.90E-5
	CC2	0.0648	0.0492	-0.0592	4.93E-4	1.36E-28	-4.23E-5
	CC3	0.0602	-0.0109	-0.0172	-1.19E-4	8.77E-29	-6.65E-5
	CC4	0.0620	-0.0108	-0.0151	-1.18E-4	8.77E-29	-5.98E-5
	CC5	-0.0628	0.0103	-0.1588	1.08E-4	-8.77E-29	5.69E-5
	CC6	-0.0610	0.0103	-0.1566	1.08E-4	-8.77E-29	6.36E-5
	CC7	-0.0656	-0.0498	-0.1146	-5.03E-4	-1.36E-28	3.94E-5
	CC8	-0.0637	-0.0497	-0.1124	-5.03E-4	-1.36E-28	4.61E-5
	CC9	0.0201	0.1054	-0.1495	1.07E-3	1.14E-28	6.15E-7
	CC10	0.0261	0.1058	-0.1423	1.07E-3	1.14E-28	2.28E-5
	CC11	-0.0177	0.0938	-0.1787	9.54E-4	4.65E-29	3.24E-5
	CC12	-0.0117	0.0941	-0.1715	9.56E-4	4.65E-29	5.46E-5
	CC13	0.0109	-0.0947	-0.0023	-9.67E-4	-4.65E-29	-5.75E-5
	CC14	0.0169	-0.0944	0.0049	-9.65E-4	-4.65E-29	-3.53E-5
	CC15	-0.0268	-0.1063	-0.0315	-1.08E-3	-1.14E-28	-2.57E-5
	CC16	-0.0209	-0.1060	-0.0243	-1.08E-3	-1.14E-28	-3.52E-6
599	CC1	0.0637	0.0067	-0.0499	6.82E-5	7.20E-29	-3.63E-5
	CC2	0.0655	0.0074	-0.0474	7.38E-5	7.20E-29	-2.95E-5
	CC3	0.0616	-0.0578	0.0017	-5.28E-4	4.65E-29	-1.11E-4
	CC4	0.0634	-0.0572	0.0043	-5.23E-4	4.65E-29	-1.05E-4
	CC5	-0.0644	0.0565	-0.1779	5.10E-4	-4.65E-29	1.05E-4
	CC6	-0.0625	0.0572	-0.1754	5.16E-4	-4.65E-29	1.12E-4
	CC7	-0.0665	-0.0081	-0.1262	-8.63E-5	-7.20E-29	3.05E-5
	CC8	-0.0646	-0.0074	-0.1237	-8.08E-5	-7.20E-29	3.73E-5
	CC9	0.0192	0.0987	-0.1579	9.12E-4	6.02E-29	9.30E-5
	CC10	0.0252	0.1010	-0.1496	9.31E-4	6.02E-29	1.16E-4
	CC11	-0.0193	0.1136	-0.1963	1.04E-3	2.47E-29	1.36E-4
	CC12	-0.0132	0.1159	-0.1880	1.06E-3	2.47E-29	1.58E-4
	CC13	0.0122	-0.1165	0.0143	-1.08E-3	-2.47E-29	-1.57E-4
	CC14	0.0183	-0.1143	0.0227	-1.06E-3	-2.47E-29	-1.35E-4
	CC15	-0.0262	-0.1016	-0.0241	-9.43E-4	-6.02E-29	-1.15E-4
	CC16	-0.0201	-0.0993	-0.0157	-9.25E-4	-6.02E-29	-9.21E-5
600	CC1	0.0998	0.0143	-0.0448	1.07E-4	6.87E-29	-7.41E-5
	CC2	0.1027	0.0154	-0.0419	1.10E-4	6.87E-29	-6.30E-5
	CC3	0.1015	-0.1054	0.0218	-5.62E-4	4.45E-29	-1.12E-4
	CC4	0.1043	-0.1043	0.0246	-5.58E-4	4.45E-29	-1.01E-4
	CC5	-0.1053	0.1021	-0.1999	5.34E-4	-4.45E-29	1.01E-4
	CC6	-0.1024	0.1032	-0.1970	5.38E-4	-4.45E-29	1.12E-4
	CC7	-0.1037	-0.0176	-0.1333	-1.34E-4	-6.87E-29	6.32E-5
	CC8	-0.1008	-0.0165	-0.1305	-1.31E-4	-6.87E-29	7.42E-5
	CC9	0.0228	0.1834	-0.1800	1.03E-3	5.73E-29	1.88E-5
	CC10	0.0323	0.1870	-0.1705	1.04E-3	5.73E-29	5.55E-5
	CC11	-0.0387	0.2098	-0.2265	1.16E-3	2.34E-29	7.13E-5
	CC12	-0.0292	0.2133	-0.2170	1.17E-3	2.34E-29	1.08E-4
	CC13	0.0283	-0.2156	0.0418	-1.20E-3	-2.34E-29	-1.08E-4
	CC14	0.0378	-0.2120	0.0513	-1.18E-3	-2.34E-29	-7.12E-5
	CC15	-0.0333	-0.1892	-0.0047	-1.07E-3	-5.73E-29	-5.53E-5
	CC16	-0.0238	-0.1856	0.0047	-1.06E-3	-5.73E-29	-1.86E-5
601	CC1	0.0311	-0.0835	-0.0157	1.28E-28	-3.58E-4	1.77E-4
	CC2	0.0288	-0.0719	-0.0232	1.28E-28	-3.46E-4	1.53E-4
	CC3	0.0359	-0.1186	0.0079	8.28E-29	-3.78E-4	2.68E-4

	CC4	0.0336	-0.1070	0.0003	8.28E-29	-3.66E-4	2.44E-4
	CC5	-0.0357	0.1065	-0.1693	-8.28E-29	3.83E-4	-2.36E-4
	CC6	-0.0380	0.1181	-0.1769	-8.28E-29	3.96E-4	-2.61E-4
	CC7	-0.0310	0.0715	-0.1457	-1.28E-28	3.63E-4	-1.45E-4
	CC8	-0.0332	0.0831	-0.1533	-1.28E-28	3.76E-4	-1.70E-4
	CC9	0.0048	0.0105	-0.0883	1.07E-28	-8.97E-5	-4.58E-5
	CC10	-0.0027	0.0489	-0.1132	1.07E-28	-4.85E-5	-1.27E-4
	CC11	-0.0152	0.0675	-0.1344	4.34E-29	1.33E-4	-1.70E-4
	CC12	-0.0228	0.1059	-0.1593	4.34E-29	1.74E-4	-2.51E-4
	CC13	0.0206	-0.1064	-0.0097	-4.34E-29	-1.56E-4	2.58E-4
	CC14	0.0131	-0.0680	-0.0346	-4.34E-29	-1.15E-4	1.77E-4
	CC15	0.0006	-0.0494	-0.0558	-1.07E-28	6.63E-5	1.34E-4
	CC16	-0.0070	-0.0110	-0.0807	-1.07E-28	1.07E-4	5.32E-5
602	CC1	0.0284	-0.0837	-0.0278	8.60E-29	-3.67E-4	1.49E-4
	CC2	0.0284	-0.0721	-0.0288	8.60E-29	-3.55E-4	1.27E-4
	CC3	0.0247	-0.1188	-0.0290	5.56E-29	-3.58E-4	2.25E-4
	CC4	0.0248	-0.1072	-0.0300	5.56E-29	-3.47E-4	2.04E-4
	CC5	-0.0275	0.1066	-0.1401	-5.56E-29	3.71E-4	-2.00E-4
	CC6	-0.0275	0.1182	-0.1411	-5.56E-29	3.83E-4	-2.21E-4
	CC7	-0.0311	0.0715	-0.1413	-8.60E-29	3.80E-4	-1.23E-4
	CC8	-0.0311	0.0832	-0.1423	-8.60E-29	3.92E-4	-1.44E-4
	CC9	0.0131	0.0104	-0.0645	7.20E-29	-1.32E-4	-3.82E-5
	CC10	0.0131	0.0489	-0.0678	7.20E-29	-9.38E-5	-1.09E-4
	CC11	-0.0037	0.0675	-0.0982	2.95E-29	8.94E-5	-1.43E-4
	CC12	-0.0036	0.1060	-0.1015	2.95E-29	1.28E-4	-2.13E-4
	CC13	0.0009	-0.1065	-0.0685	-2.95E-29	-1.03E-4	2.18E-4
	CC14	0.0010	-0.0680	-0.0719	-2.95E-29	-6.46E-5	1.47E-4
	CC15	-0.0159	-0.0494	-0.1022	-7.20E-29	1.19E-4	1.13E-4
	CC16	-0.0158	-0.0109	-0.1056	-7.20E-29	1.57E-4	4.27E-5
603	CC1	0.1077	-0.2250	-0.0036	4.82E-29	-5.41E-4	-2.93E-5
	CC2	0.1045	-0.1931	-0.0128	4.82E-29	-5.38E-4	-2.65E-5
	CC3	0.1108	-0.3294	0.0257	3.13E-29	-5.12E-4	1.18E-5
	CC4	0.1076	-0.2974	0.0164	3.13E-29	-5.09E-4	1.45E-5
	CC5	-0.1115	0.2947	-0.1883	-3.13E-29	5.12E-4	-2.44E-6
	CC6	-0.1147	0.3267	-0.1975	-3.13E-29	5.16E-4	-2.95E-7
	CC7	-0.1084	0.1904	-0.1590	-4.82E-29	5.42E-4	3.86E-5
	CC8	-0.1116	0.2223	-0.1682	-4.82E-29	5.45E-4	4.13E-5
	CC9	0.0310	0.0417	-0.0918	4.02E-29	-2.11E-4	-7.09E-5
	CC10	0.0205	0.1475	-0.1223	4.02E-29	-1.99E-4	-6.19E-5
	CC11	-0.0347	0.1977	-0.1472	1.63E-29	1.05E-4	-6.29E-5
	CC12	-0.0453	0.3035	-0.1777	1.63E-29	1.17E-4	-5.38E-5
	CC13	0.0413	-0.3062	0.0059	-1.63E-29	-1.13E-4	6.59E-5
	CC14	0.0308	-0.2004	-0.0247	-1.63E-29	-1.01E-4	7.50E-5
	CC15	-0.0245	-0.1503	-0.0496	-4.02E-29	2.03E-4	7.39E-5
	CC16	-0.0350	-0.0444	-0.0801	-4.02E-29	2.15E-4	8.30E-5
604	CC1	0.0653	-0.1488	-0.0098	1.66E-29	-4.52E-4	9.25E-5
	CC2	0.0624	-0.1278	-0.0182	1.66E-29	-4.48E-4	7.96E-5
	CC3	0.0699	-0.2153	0.0165	1.07E-29	-4.31E-4	1.65E-4
	CC4	0.0670	-0.1943	0.0082	1.07E-29	-4.27E-4	1.53E-4
	CC5	-0.0704	0.1929	-0.1786	-1.07E-29	4.38E-4	-1.40E-4
	CC6	-0.0733	0.2138	-0.1870	-1.07E-29	4.42E-4	-1.53E-4
	CC7	-0.0657	0.1264	-0.1523	-1.66E-29	4.58E-4	-6.73E-5
	CC8	-0.0686	0.1474	-0.1607	-1.66E-29	4.62E-4	-8.03E-5
	CC9	0.0157	0.0242	-0.0899	1.39E-29	-1.69E-4	-5.91E-5
	CC10	0.0061	0.0935	-0.1176	1.39E-29	-1.56E-4	-1.02E-4
	CC11	-0.0250	0.1267	-0.1406	5.71E-3	9.78E-5	-1.29E-4
	CC12	-0.0346	0.1960	-0.1683	5.71E-3	1.11E-4	-1.72E-4
	CC13	0.0313	-0.1974	-0.0022	-5.71E-3	-1.00E-4	1.84E-4
	CC14	0.0217	-0.1281	-0.0299	-5.71E-3	-8.73E-5	1.41E-4
	CC15	-0.0094	-0.0949	-0.0529	-1.39E-29	1.66E-4	1.14E-4
	CC16	-0.0190	-0.0256	-0.0806	-1.39E-29	1.80E-4	7.13E-5
605	CC1	0.0650	-0.1491	-0.0245	7.90E-29	-4.83E-4	7.17E-5
	CC2	0.0634	-0.1281	-0.0247	7.90E-29	-4.60E-4	6.11E-5
	CC3	0.0622	-0.2156	-0.0292	5.11E-29	-5.04E-4	1.34E-4
	CC4	0.0606	-0.1946	-0.0294	5.11E-29	-4.81E-4	1.23E-4
	CC5	-0.0650	0.1930	-0.1424	-5.11E-29	4.96E-4	-1.13E-4
	CC6	-0.0666	0.2140	-0.1426	-5.11E-29	5.19E-4	-1.24E-4
	CC7	-0.0678	0.1265	-0.1471	-7.90E-29	4.74E-4	-5.13E-5
	CC8	-0.0694	0.1474	-0.1473	-7.90E-29	4.97E-4	-6.20E-5
	CC9	0.0246	0.0241	-0.0601	6.59E-29	-1.41E-4	-5.33E-5
	CC10	0.0193	0.0935	-0.0607	6.59E-29	-6.60E-5	-8.87E-5
	CC11	-0.0144	0.1267	-0.0955	2.69E-29	1.53E-4	-1.09E-4

	CC12	-0.0197	0.1962	-0.0960	2.69E-29	2.28E-4	-1.44E-4
	CC13	0.0153	-0.1978	-0.0758	-2.69E-29	-2.13E-4	1.54E-4
	CC14	0.0100	-0.1283	-0.0764	-2.69E-29	-1.38E-4	1.19E-4
	CC15	-0.0237	-0.0952	-0.1112	-6.59E-29	8.05E-5	9.84E-5
	CC16	-0.0291	-0.0257	-0.1118	-6.59E-29	1.55E-4	6.31E-5
606	CC1	0.1109	-0.2254	-0.0211	3.55E-29	-5.66E-4	-3.86E-5
	CC2	0.1073	-0.1934	-0.0204	3.55E-29	-5.44E-4	-3.36E-5
	CC3	0.1091	-0.3299	-0.0296	2.30E-29	-5.82E-4	-5.07E-6
	CC4	0.1055	-0.2979	-0.0289	2.30E-29	-5.60E-4	-1.33E-7
	CC5	-0.1107	0.2950	-0.1446	-2.30E-29	5.64E-4	1.43E-5
	CC6	-0.1143	0.3270	-0.1439	-2.30E-29	5.86E-4	1.92E-5
	CC7	-0.1125	0.1904	-0.1531	-3.55E-29	5.49E-4	4.78E-5
	CC8	-0.1161	0.2224	-0.1524	-3.55E-29	5.70E-4	5.27E-5
	CC9	0.0395	0.0417	-0.0552	2.96E-29	-1.78E-4	-6.49E-5
	CC10	0.0277	0.1476	-0.0530	2.96E-29	-1.06E-4	-4.85E-5
	CC11	-0.0270	0.1978	-0.0922	1.20E-29	1.61E-4	-4.90E-5
	CC12	-0.0388	0.3037	-0.0900	1.20E-29	2.33E-4	-3.27E-5
	CC13	0.0336	-0.3067	-0.0835	-1.20E-29	-2.29E-4	4.68E-5
	CC14	0.0218	-0.2008	-0.0813	-1.20E-29	-1.57E-4	6.31E-5
	CC15	-0.0329	-0.1506	-0.1206	-2.96E-29	1.10E-4	6.27E-5
	CC16	-0.0447	-0.0447	-0.1184	-2.96E-29	1.82E-4	7.90E-5
607	CC1	0.1142	0.2249	-0.1780	8.62E-5	-4.63E-4	9.08E-5
	CC2	0.1113	0.1994	-0.1843	7.90E-5	-4.49E-4	1.10E-4
	CC3	0.1226	0.0723	-0.2430	5.32E-6	-4.88E-4	1.57E-4
	CC4	0.1197	0.0468	-0.2493	-1.89E-6	-4.74E-4	1.77E-4
	CC5	-0.1140	-0.0498	0.0402	6.98E-6	4.96E-4	-1.74E-4
	CC6	-0.1169	-0.0753	0.0339	-2.25E-7	5.10E-4	-1.55E-4
	CC7	-0.1056	-0.2023	-0.0248	-7.39E-5	4.70E-4	-1.08E-4
	CC8	-0.1085	-0.2278	-0.0311	-8.11E-5	4.84E-4	-8.81E-5
	CC9	0.0279	0.3362	-0.0185	1.61E-4	-1.14E-4	-1.02E-4
	CC10	0.0183	0.2517	-0.0395	1.37E-4	-6.79E-5	-3.75E-5
	CC11	-0.0406	0.2538	0.0470	1.37E-4	1.74E-4	-1.82E-4
	CC12	-0.0502	0.1693	0.0260	1.14E-4	2.20E-4	-1.17E-4
	CC13	0.0559	-0.1723	-0.2351	-1.08E-4	-1.98E-4	1.20E-4
	CC14	0.0463	-0.2567	-0.2561	-1.32E-4	-1.53E-4	1.84E-4
	CC15	-0.0126	-0.2547	-0.1696	-1.32E-4	8.94E-5	4.01E-5
	CC16	-0.0222	-0.3391	-0.1906	-1.56E-4	1.35E-4	1.05E-4
608	CC1	0.0723	0.1541	-0.1763	-3.06E-5	-4.35E-4	1.90E-4
	CC2	0.0708	0.1364	-0.1817	-3.00E-5	-4.27E-4	1.86E-4
	CC3	0.0806	0.0526	-0.2318	-3.39E-5	-4.82E-4	1.67E-4
	CC4	0.0792	0.0350	-0.2372	-3.33E-5	-4.74E-4	1.64E-4
	CC5	-0.0729	-0.0371	0.0305	3.27E-5	4.65E-4	-1.31E-4
	CC6	-0.0743	-0.0547	0.0251	3.32E-5	4.73E-4	-1.35E-4
	CC7	-0.0645	-0.1385	-0.0251	2.94E-5	4.18E-4	-1.54E-4
	CC8	-0.0659	-0.1562	-0.0304	2.99E-5	4.26E-4	-1.57E-4
	CC9	0.0133	0.2259	-0.0330	-5.22E-6	-7.45E-5	1.07E-4
	CC10	0.0087	0.1675	-0.0508	-3.35E-6	-4.78E-5	9.63E-5
	CC11	-0.0302	0.1686	0.0291	1.37E-5	1.95E-4	1.09E-5
	CC12	-0.0349	0.1101	0.0112	1.56E-5	2.22E-4	-6.25E-8
	CC13	0.0412	-0.1122	-0.2180	-1.62E-5	-2.31E-4	3.27E-5
	CC14	0.0365	-0.1707	-0.2359	-1.44E-5	-2.04E-4	2.17E-5
	CC15	-0.0023	-0.1696	-0.1560	2.73E-6	3.89E-5	-6.37E-5
	CC16	-0.0070	-0.2280	-0.1738	4.60E-6	6.56E-5	-7.46E-5
609	CC1	0.0328	0.0913	-0.1734	-1.07E-4	-4.09E-4	2.14E-4
	CC2	0.0326	0.0807	-0.1781	-1.17E-4	-3.99E-4	1.97E-4
	CC3	0.0403	0.0344	-0.2214	-1.40E-4	-4.51E-4	1.28E-4
	CC4	0.0401	0.0238	-0.2261	-1.50E-4	-4.41E-4	1.10E-4
	CC5	-0.0360	-0.0249	0.0217	1.86E-4	3.93E-4	-9.08E-5
	CC6	-0.0362	-0.0356	0.0171	1.77E-4	4.03E-4	-1.08E-4
	CC7	-0.0285	-0.0818	-0.0263	1.54E-4	3.52E-4	-1.77E-4
	CC8	-0.0287	-0.0924	-0.0309	1.44E-4	3.61E-4	-1.95E-4
	CC9	0.0001	0.1293	-0.0437	4.45E-5	-9.03E-5	2.28E-4
	CC10	-0.0004	0.0941	-0.0592	1.34E-5	-5.90E-5	1.71E-4
	CC11	-0.0205	0.0944	0.0148	1.33E-4	1.50E-4	1.37E-4
	CC12	-0.0211	0.0592	-0.0006	1.02E-4	1.82E-4	7.95E-5
	CC13	0.0252	-0.0604	-0.2037	-6.48E-5	-2.29E-4	-5.98E-5
	CC14	0.0246	-0.0955	-0.2191	-9.59E-5	-1.98E-4	-1.17E-4
	CC15	0.0045	-0.0953	-0.1452	2.34E-5	1.13E-5	-1.51E-4
	CC16	0.0039	-0.1304	-0.1606	-7.77E-6	4.26E-5	-2.09E-4
610	CC1	0.0459	0.0909	-0.1962	8.11E-4	-5.89E-4	1.76E-4
	CC2	0.0445	0.0803	-0.1970	7.23E-4	-5.68E-4	1.57E-4
	CC3	0.0446	0.0344	-0.2180	3.63E-4	-5.61E-4	4.94E-5

	CC4	0.0432	0.0238	-0.2187	2.75E-4	-5.39E-4	3.03E-5
	CC5	-0.0381	-0.0248	0.0149	-1.72E-4	4.69E-4	-2.67E-5
	CC6	-0.0396	-0.0354	0.0141	-2.60E-4	4.90E-4	-4.58E-5
	CC7	-0.0394	-0.0813	-0.0069	-6.21E-4	4.97E-4	-1.54E-4
	CC8	-0.0409	-0.0919	-0.0077	-7.09E-4	5.19E-4	-1.73E-4
	CC9	0.0197	0.1285	-0.0961	1.09E-3	-2.76E-4	2.75E-4
	CC10	0.0149	0.0935	-0.0986	8.01E-4	-2.05E-4	2.12E-4
	CC11	-0.0055	0.0938	-0.0327	7.97E-4	4.10E-5	2.15E-4
	CC12	-0.0103	0.0588	-0.0353	5.06E-4	1.12E-4	1.51E-4
	CC13	0.0154	-0.0598	-0.1686	-4.03E-4	-1.83E-4	-1.48E-4
	CC14	0.0105	-0.0948	-0.1711	-6.95E-4	-1.11E-4	-2.11E-4
	CC15	-0.0098	-0.0945	-0.1053	-6.98E-4	1.35E-4	-2.09E-4
	CC16	-0.0147	-0.1295	-0.1078	-9.90E-4	2.06E-4	-2.72E-4
<b>611</b>	CC1	0.0495	0.0909	-0.2251	5.14E-4	-5.14E-4	-6.46E-5
	CC2	0.0470	0.0803	-0.2215	4.54E-4	-4.97E-4	-6.96E-5
	CC3	0.0411	0.0345	-0.2106	1.60E-4	-4.67E-4	-1.51E-4
	CC4	0.0386	0.0239	-0.2070	1.00E-4	-4.50E-4	-1.56E-4
	CC5	-0.0344	-0.0246	0.0037	-1.35E-4	4.03E-4	1.27E-4
	CC6	-0.0369	-0.0352	0.0072	-1.95E-4	4.20E-4	1.21E-4
	CC7	-0.0428	-0.0811	0.0182	-4.89E-4	4.50E-4	4.02E-5
	CC8	-0.0453	-0.0917	0.0217	-5.48E-4	4.67E-4	3.52E-5
	CC9	0.0328	0.1285	-0.1661	7.68E-4	-2.68E-4	1.09E-4
	CC10	0.0247	0.0935	-0.1543	5.71E-4	-2.12E-4	9.21E-5
	CC11	0.0076	0.0939	-0.0974	5.74E-4	7.23E-6	1.66E-4
	CC12	-0.0005	0.0589	-0.0856	3.76E-4	6.31E-5	1.49E-4
	CC13	0.0047	-0.0596	-0.1177	-4.11E-4	-1.10E-4	-1.79E-4
	CC14	-0.0034	-0.0946	-0.1059	-6.08E-4	-5.43E-5	-1.96E-4
	CC15	-0.0205	-0.0943	-0.0491	-6.05E-4	1.65E-4	-1.22E-4
	CC16	-0.0286	-0.1293	-0.0373	-8.03E-4	2.21E-4	-1.38E-4
<b>612</b>	CC1	0.1178	0.2249	-0.2081	4.49E-4	-3.21E-4	9.79E-5
	CC2	0.1154	0.1994	-0.2089	3.99E-4	-3.20E-4	9.56E-5
	CC3	0.1252	0.0727	-0.2332	1.29E-4	-4.03E-4	2.28E-5
	CC4	0.1229	0.0472	-0.2339	7.88E-5	-4.03E-4	2.05E-5
	CC5	-0.1170	-0.0499	0.0257	-1.04E-4	4.53E-4	-1.81E-5
	CC6	-0.1194	-0.0754	0.0249	-1.53E-4	4.54E-4	-2.04E-5
	CC7	-0.1096	-0.2021	0.0006	-4.24E-4	3.71E-4	-9.32E-5
	CC8	-0.1119	-0.2276	-0.0001	-4.74E-4	3.72E-4	-9.55E-5
	CC9	0.0296	0.3358	-0.0962	6.87E-4	4.52E-5	1.48E-4
	CC10	0.0219	0.2513	-0.0987	5.22E-4	4.78E-5	1.40E-4
	CC11	-0.0409	0.2533	-0.0261	5.21E-4	2.78E-4	1.13E-4
	CC12	-0.0486	0.1689	-0.0286	3.57E-4	2.80E-4	1.05E-4
	CC13	0.0544	-0.1716	-0.1796	-3.82E-4	-2.29E-4	-1.03E-4
	CC14	0.0467	-0.2560	-0.1822	-5.46E-4	-2.27E-4	-1.10E-4
	CC15	-0.0160	-0.2540	-0.1095	-5.47E-4	2.88E-6	-1.38E-4
	CC16	-0.0237	-0.3384	-0.1120	-7.12E-4	5.45E-6	-1.45E-4
<b>613</b>	CC1	0.0857	0.1533	-0.2021	-2.48E-5	-3.52E-4	1.90E-4
	CC2	0.0834	0.1357	-0.2029	-2.53E-5	-3.60E-4	1.71E-4
	CC3	0.0883	0.0526	-0.2256	-3.18E-5	-4.52E-4	4.09E-5
	CC4	0.0860	0.0351	-0.2264	-3.23E-5	-4.59E-4	2.21E-5
	CC5	-0.0782	-0.0370	0.0202	3.20E-5	4.56E-4	-1.48E-5
	CC6	-0.0804	-0.0545	0.0194	3.15E-5	4.48E-4	-3.36E-5
	CC7	-0.0756	-0.1377	-0.0032	2.50E-5	3.56E-4	-1.64E-4
	CC8	-0.0778	-0.1552	-0.0040	2.45E-5	3.48E-4	-1.83E-4
	CC9	0.0279	0.2244	-0.0961	3.92E-6	5.55E-5	3.14E-4
	CC10	0.0205	0.1663	-0.0987	2.12E-6	3.00E-5	2.52E-4
	CC11	-0.0213	0.1674	-0.0294	2.10E-5	2.98E-4	2.52E-4
	CC12	-0.0287	0.1092	-0.0320	1.92E-5	2.72E-4	1.90E-4
	CC13	0.0365	-0.1111	-0.1742	-1.94E-5	-2.76E-4	-1.83E-4
	CC14	0.0291	-0.1693	-0.1768	-2.12E-5	-3.02E-4	-2.45E-4
	CC15	-0.0126	-0.1682	-0.1075	-2.38E-6	-3.37E-5	-2.44E-4
	CC16	-0.0201	-0.2264	-0.1101	-4.18E-6	-5.93E-5	-3.06E-4
<b>614</b>	CC1	0.0887	0.1532	-0.2350	-2.60E-5	-3.71E-4	-1.13E-4
	CC2	0.0857	0.1357	-0.2309	-2.67E-5	-3.80E-4	-1.14E-4
	CC3	0.0812	0.0529	-0.2182	-3.36E-5	-4.78E-4	-1.91E-4
	CC4	0.0782	0.0354	-0.2142	-3.43E-5	-4.88E-4	-1.93E-4
	CC5	-0.0717	-0.0369	0.0087	3.37E-5	4.80E-4	1.50E-4
	CC6	-0.0747	-0.0545	0.0127	3.30E-5	4.70E-4	1.49E-4
	CC7	-0.0792	-0.1372	0.0254	2.62E-5	3.72E-4	7.12E-5
	CC8	-0.0822	-0.1547	0.0294	2.55E-5	3.63E-4	6.98E-5
	CC9	0.0448	0.2239	-0.1739	4.51E-6	6.38E-5	7.30E-5
	CC10	0.0348	0.1658	-0.1605	2.22E-6	3.13E-5	6.81E-5
	CC11	-0.0033	0.1669	-0.1008	2.24E-5	3.19E-4	1.52E-4

	CC12	-0.0133	0.1088	-0.0874	2.02E-5	2.86E-4	1.47E-4
	CC13	0.0198	-0.1103	-0.1181	-2.07E-5	-2.94E-4	-1.90E-4
	CC14	0.0098	-0.1684	-0.1047	-2.30E-5	-3.27E-4	-1.95E-4
	CC15	-0.0283	-0.1674	-0.0450	-2.78E-6	-3.93E-5	-1.11E-4
	CC16	-0.0383	-0.2254	-0.0316	-5.08E-6	-7.18E-5	-1.16E-4
<b>615</b>	CC1	0.1215	0.2252	-0.2460	4.64E-4	-3.36E-4	-3.95E-5
	CC2	0.1188	0.1996	-0.2412	4.17E-4	-3.44E-4	-4.16E-5
	CC3	0.1202	0.0732	-0.2249	6.46E-5	-4.34E-4	-1.38E-4
	CC4	0.1176	0.0477	-0.2201	1.79E-5	-4.41E-4	-1.40E-4
	CC5	-0.1121	-0.0501	0.0126	-4.24E-5	4.76E-4	1.26E-4
	CC6	-0.1148	-0.0757	0.0174	-8.92E-5	4.68E-4	1.24E-4
	CC7	-0.1134	-0.2021	0.0338	-4.42E-4	3.79E-4	2.72E-5
	CC8	-0.1160	-0.2276	0.0386	-4.89E-4	3.71E-4	2.51E-5
	CC9	0.0443	0.3355	-0.1858	8.07E-4	6.97E-5	1.36E-4
	CC10	0.0355	0.2510	-0.1698	6.52E-4	4.50E-5	1.29E-4
	CC11	-0.0258	0.2529	-0.1082	6.55E-4	3.13E-4	1.86E-4
	CC12	-0.0346	0.1684	-0.0922	5.00E-4	2.89E-4	1.79E-4
	CC13	0.0400	-0.1708	-0.1152	-5.25E-4	-2.54E-4	-1.93E-4
	CC14	0.0313	-0.2554	-0.0993	-6.79E-4	-2.79E-4	-2.00E-4
	CC15	-0.0301	-0.2534	-0.0376	-6.77E-4	-1.02E-5	-1.43E-4
	CC16	-0.0388	-0.3380	-0.0217	-8.31E-4	-3.49E-5	-1.50E-4
<b>616</b>	CC1	0.2071	-0.3805	-0.0131	4.81E-3	-6.09E-4	-1.80E-4
	CC2	0.2024	-0.3251	-0.0242	4.81E-3	-5.93E-4	-1.57E-4
	CC3	0.2114	-0.5829	0.0288	3.12E-3	-6.36E-4	-1.59E-4
	CC4	0.2067	-0.5275	0.0177	3.12E-3	-6.20E-4	-1.35E-4
	CC5	-0.2097	0.5216	-0.1932	-3.12E-3	6.11E-4	1.43E-4
	CC6	-0.2144	0.5770	-0.2043	-3.12E-3	6.27E-4	1.67E-4
	CC7	-0.2054	0.3192	-0.1513	-4.81E-3	5.84E-4	1.65E-4
	CC8	-0.2101	0.3746	-0.1624	-4.81E-3	6.00E-4	1.89E-4
	CC9	0.0617	0.1074	-0.1121	4.01E-3	-1.70E-4	-1.20E-4
	CC10	0.0461	0.2907	-0.1490	4.01E-3	-1.17E-4	-4.14E-5
	CC11	-0.0634	0.3780	-0.1661	1.63E-3	1.96E-4	-2.28E-5
	CC12	-0.0789	0.5613	-0.2030	1.63E-3	2.49E-4	5.57E-5
	CC13	0.0759	-0.5672	0.0275	-1.63E-3	-2.58E-4	-4.75E-5
	CC14	0.0603	-0.3839	-0.0094	-1.63E-3	-2.05E-4	3.10E-5
	CC15	-0.0491	-0.2966	-0.0265	-4.01E-3	1.08E-4	4.95E-5
	CC16	-0.0647	-0.1133	-0.0634	-4.01E-3	1.61E-4	1.28E-4
<b>617</b>	CC1	0.2157	-0.3795	-0.0788	1.23E-28	-6.41E-4	-1.80E-4
	CC2	0.2087	-0.3243	-0.0780	1.23E-28	-6.17E-4	-1.57E-4
	CC3	0.2130	-0.5813	-0.0825	8.00E-29	-6.63E-4	-1.57E-4
	CC4	0.2060	-0.5261	-0.0816	8.00E-29	-6.38E-4	-1.34E-4
	CC5	-0.2097	0.5199	-0.0965	-8.00E-29	6.30E-4	1.38E-4
	CC6	-0.2166	0.5751	-0.0956	-8.00E-29	6.54E-4	1.61E-4
	CC7	-0.2124	0.3181	-0.1001	-1.23E-28	6.09E-4	1.61E-4
	CC8	-0.2193	0.3733	-0.0993	-1.23E-28	6.33E-4	1.84E-4
	CC9	0.0780	0.1070	-0.0817	1.03E-28	-1.99E-4	-1.23E-4
	CC10	0.0550	0.2897	-0.0789	1.03E-28	-1.19E-4	-4.61E-5
	CC11	-0.0496	0.3768	-0.0870	4.17E-29	1.82E-4	-2.73E-5
	CC12	-0.0726	0.5595	-0.0842	4.17E-29	2.63E-4	4.92E-5
	CC13	0.0690	-0.5657	-0.0939	-4.17E-29	-2.71E-4	-4.52E-5
	CC14	0.0460	-0.3830	-0.0911	-4.17E-29	-1.90E-4	3.13E-5
	CC15	-0.0586	-0.2959	-0.0992	-1.03E-28	1.10E-4	5.02E-5
	CC16	-0.0816	-0.1132	-0.0964	-1.03E-28	1.91E-4	1.27E-4
<b>618</b>	CC1	0.3147	-0.5762	-0.0061	1.21E-28	-6.10E-4	-3.02E-4
	CC2	0.3070	-0.4910	-0.0186	1.21E-28	-5.94E-4	-2.63E-4
	CC3	0.3241	-0.8976	0.0414	7.83E-29	-6.40E-4	-2.62E-4
	CC4	0.3164	-0.8124	0.0289	7.83E-29	-6.24E-4	-2.23E-4
	CC5	-0.3171	0.8013	-0.2072	-7.83E-29	6.00E-4	2.28E-4
	CC6	-0.3247	0.8864	-0.2197	-7.83E-29	6.17E-4	2.67E-4
	CC7	-0.3077	0.4799	-0.1597	-1.21E-28	5.71E-4	2.68E-4
	CC8	-0.3153	0.5651	-0.1722	-1.21E-28	5.87E-4	3.07E-4
	CC9	0.0914	0.1824	-0.1176	1.01E-28	-1.71E-4	-2.09E-4
	CC10	0.0661	0.4644	-0.1589	1.01E-28	-1.17E-4	-7.94E-5
	CC11	-0.0981	0.5957	-0.1779	4.09E-29	1.93E-4	-4.96E-5
	CC12	-0.1234	0.8776	-0.2192	4.09E-29	2.46E-4	7.96E-5
	CC13	0.1228	-0.8887	0.0409	-4.09E-29	-2.70E-4	-7.49E-5
	CC14	0.0975	-0.6068	-0.0004	-4.09E-29	-2.16E-4	5.44E-5
	CC15	-0.0668	-0.4755	-0.0194	-1.01E-28	9.34E-5	8.41E-5
	CC16	-0.0921	-0.1936	-0.0607	-1.01E-28	1.47E-4	2.13E-4
<b>619</b>	CC1	0.2613	-0.4761	-0.0089	3.34E-29	-6.20E-4	-2.43E-4
	CC2	0.2551	-0.4062	-0.0208	3.34E-29	-6.03E-4	-2.11E-4
	CC3	0.2680	-0.7362	0.0363	2.16E-29	-6.52E-4	-2.14E-4

	CC4	0.2618	-0.6664	0.0243	2.16E-29	-6.34E-4	-1.82E-4
	CC5	-0.2640	0.6580	-0.2013	-2.16E-29	6.23E-4	1.90E-4
	CC6	-0.2702	0.7279	-0.2133	-2.16E-29	6.40E-4	2.22E-4
	CC7	-0.2572	0.3979	-0.1562	-3.34E-29	5.91E-4	2.19E-4
	CC8	-0.2634	0.4677	-0.1681	-3.34E-29	6.09E-4	2.51E-4
	CC9	0.0766	0.1437	-0.1151	2.80E-29	-1.68E-4	-1.63E-4
	CC10	0.0562	0.3749	-0.1546	2.80E-29	-1.11E-4	-5.73E-5
	CC11	-0.0809	0.4839	-0.1729	1.15E-29	2.05E-4	-3.27E-5
	CC12	-0.1014	0.7152	-0.2124	1.15E-29	2.62E-4	7.26E-5
	CC13	0.0992	-0.7235	0.0354	-1.15E-29	-2.73E-4	-6.49E-5
	CC14	0.0788	-0.4923	-0.0041	-1.15E-29	-2.17E-4	4.04E-5
	CC15	-0.0584	-0.3833	-0.0224	-2.80E-29	9.96E-5	6.49E-5
	CC16	-0.0788	-0.1520	-0.0619	-2.80E-29	1.56E-4	1.70E-4
620	CC1	0.2706	-0.4763	-0.0768	4.87E-29	-6.65E-4	-2.44E-4
	CC2	0.2614	-0.4064	-0.0756	4.87E-29	-6.38E-4	-2.13E-4
	CC3	0.2752	-0.7365	-0.0820	3.18E-29	-6.91E-4	-2.16E-4
	CC4	0.2660	-0.6667	-0.0808	3.18E-29	-6.64E-4	-1.84E-4
	CC5	-0.2690	0.6582	-0.0992	-3.18E-29	6.57E-4	1.93E-4
	CC6	-0.2782	0.7281	-0.0980	-3.18E-29	6.84E-4	2.24E-4
	CC7	-0.2644	0.3979	-0.1045	-4.87E-29	6.31E-4	2.21E-4
	CC8	-0.2736	0.4678	-0.1033	-4.87E-29	6.58E-4	2.53E-4
	CC9	0.0870	0.1437	-0.0799	4.03E-29	-2.04E-4	-1.61E-4
	CC10	0.0565	0.3751	-0.0759	4.03E-29	-1.15E-4	-5.66E-5
	CC11	-0.0748	0.4841	-0.0867	1.62E-29	1.92E-4	-3.03E-5
	CC12	-0.1054	0.7154	-0.0827	1.62E-29	2.82E-4	7.45E-5
	CC13	0.1024	-0.7239	-0.0974	-1.62E-29	-2.89E-4	-6.59E-5
	CC14	0.0719	-0.4926	-0.0934	-1.62E-29	-1.99E-4	3.88E-5
	CC15	-0.0595	-0.3835	-0.1041	-4.03E-29	1.08E-4	6.52E-5
	CC16	-0.0900	-0.1522	-0.1001	-4.03E-29	1.97E-4	1.70E-4
621	CC1	0.3274	-0.5775	-0.0733	9.58E-29	-6.37E-4	-3.07E-4
	CC2	0.3160	-0.4921	-0.0716	9.58E-29	-6.14E-4	-2.67E-4
	CC3	0.3337	-0.8996	-0.0806	6.21E-29	-6.53E-4	-2.71E-4
	CC4	0.3222	-0.8142	-0.0789	6.21E-29	-6.30E-4	-2.31E-4
	CC5	-0.3237	0.8031	-0.1027	-6.21E-29	6.03E-4	2.44E-4
	CC6	-0.3352	0.8885	-0.1010	-6.21E-29	6.26E-4	2.84E-4
	CC7	-0.3175	0.4810	-0.1101	-9.58E-29	5.87E-4	2.79E-4
	CC8	-0.3289	0.5664	-0.1083	-9.58E-29	6.11E-4	3.20E-4
	CC9	0.1055	0.1829	-0.0770	7.99E-29	-2.12E-4	-2.02E-4
	CC10	0.0675	0.4655	-0.0713	7.99E-29	-1.36E-4	-6.91E-5
	CC11	-0.0899	0.5971	-0.0858	3.25E-29	1.60E-4	-3.70E-5
	CC12	-0.1278	0.8797	-0.0802	3.25E-29	2.37E-4	9.61E-5
	CC13	0.1263	-0.8908	-0.1015	-3.25E-29	-2.63E-4	-8.32E-5
	CC14	0.0884	-0.6082	-0.0958	-3.25E-29	-1.87E-4	4.99E-5
	CC15	-0.0691	-0.4766	-0.1103	-7.99E-29	1.09E-4	8.20E-5
	CC16	-0.1070	-0.1940	-0.1046	-7.99E-29	1.85E-4	2.15E-4
622	CC1	0.2226	-0.3932	0.0480	-1.09E-3	-1.68E-4	-2.37E-4
	CC2	0.2132	-0.3363	0.0618	-9.31E-4	-1.43E-4	-2.05E-4
	CC3	0.2193	-0.5938	-0.0086	-1.71E-3	-2.63E-4	-2.48E-4
	CC4	0.2099	-0.5369	0.0052	-1.55E-3	-2.38E-4	-2.16E-4
	CC5	-0.2144	0.5300	-0.1850	1.52E-3	2.34E-4	2.17E-4
	CC6	-0.2238	0.5869	-0.1712	1.68E-3	2.59E-4	2.48E-4
	CC7	-0.2177	0.3295	-0.2416	9.04E-4	1.39E-4	2.06E-4
	CC8	-0.2271	0.3864	-0.2278	1.07E-3	1.64E-4	2.38E-4
	CC9	0.0844	0.0982	0.0165	3.51E-4	5.41E-5	-1.03E-4
	CC10	0.0532	0.2865	0.0622	8.87E-4	1.37E-4	2.62E-6
	CC11	-0.0467	0.3751	-0.0534	1.13E-3	1.75E-4	3.33E-5
	CC12	-0.0779	0.5635	-0.0077	1.67E-3	2.57E-4	1.39E-4
	CC13	0.0734	-0.5703	-0.1721	-1.70E-3	-2.62E-4	-1.38E-4
	CC14	0.0422	-0.3820	-0.1264	-1.16E-3	-1.79E-4	-3.24E-5
	CC15	-0.0577	-0.2934	-0.2421	-9.15E-4	-1.41E-4	-1.76E-6
	CC16	-0.0889	-0.1050	-0.1963	-3.79E-4	-5.83E-5	1.04E-4
623	CC1	0.2821	-0.4938	-0.1964	-1.22E-3	-1.89E-4	-2.34E-4
	CC2	0.2697	-0.4217	-0.1808	-1.04E-3	-1.60E-4	-2.05E-4
	CC3	0.2790	-0.7529	-0.2606	-1.92E-3	-2.96E-4	-1.95E-4
	CC4	0.2667	-0.6808	-0.2451	-1.74E-3	-2.67E-4	-1.66E-4
	CC5	-0.2703	0.6719	0.0633	1.71E-3	2.64E-4	1.60E-4
	CC6	-0.2827	0.7440	0.0788	1.90E-3	2.92E-4	1.89E-4
	CC7	-0.2734	0.4128	-0.0010	1.02E-3	1.57E-4	1.99E-4
	CC8	-0.2857	0.4849	0.0146	1.20E-3	1.85E-4	2.29E-4
	CC9	0.1065	0.1331	-0.0485	4.03E-4	6.21E-5	-1.76E-4
	CC10	0.0657	0.3718	0.0030	1.01E-3	1.56E-4	-7.95E-5
	CC11	-0.0592	0.4828	0.0294	1.28E-3	1.98E-4	-5.75E-5



	CC12	-0.1000	0.7215	0.0809	1.89E-3	2.91E-4	3.88E-5
	CC13	0.0964	-0.7304	-0.2627	-1.91E-3	-2.95E-4	-4.43E-5
	CC14	0.0556	-0.4917	-0.2112	-1.31E-3	-2.01E-4	5.20E-5
	CC15	-0.0693	-0.3807	-0.1848	-1.03E-3	-1.59E-4	7.39E-5
	CC16	-0.1101	-0.1420	-0.1333	-4.26E-4	-6.56E-5	1.70E-4
624	CC1	0.3418	-0.6000	-0.2049	-1.22E-3	-1.89E-4	-2.35E-4
	CC2	0.3266	-0.5117	-0.1881	-1.04E-3	-1.60E-4	-2.09E-4
	CC3	0.3393	-0.9211	-0.2751	-1.92E-3	-2.96E-4	-1.52E-4
	CC4	0.3240	-0.8328	-0.2582	-1.74E-3	-2.68E-4	-1.25E-4
	CC5	-0.3261	0.8216	0.0748	1.70E-3	2.62E-4	1.12E-4
	CC6	-0.3413	0.9099	0.0916	1.89E-3	2.90E-4	1.39E-4
	CC7	-0.3286	0.5004	0.0046	1.00E-3	1.55E-4	1.96E-4
	CC8	-0.3439	0.5887	0.0215	1.19E-3	1.83E-4	2.23E-4
	CC9	0.1287	0.1703	-0.0446	4.01E-4	6.17E-5	-2.43E-4
	CC10	0.0781	0.4625	0.0112	1.01E-3	1.55E-4	-1.54E-4
	CC11	-0.0717	0.5967	0.0393	1.28E-3	1.97E-4	-1.38E-4
	CC12	-0.1223	0.8890	0.0951	1.89E-3	2.91E-4	-4.93E-5
	CC13	0.1202	-0.9002	-0.2785	-1.92E-3	-2.96E-4	3.65E-5
	CC14	0.0697	-0.6080	-0.2227	-1.31E-3	-2.03E-4	1.26E-4
	CC15	-0.0801	-0.4738	-0.1946	-1.04E-3	-1.61E-4	1.41E-4
	CC16	-0.1307	-0.1815	-0.1388	-4.37E-4	-6.73E-5	2.30E-4
625	CC1	0.2010	-0.3948	0.0698	-1.07E-3	-1.65E-4	-2.08E-4
	CC2	0.1982	-0.3376	0.0463	-9.13E-4	-1.40E-4	-1.81E-4
	CC3	0.2075	-0.5964	0.1561	-1.69E-3	-2.60E-4	-1.99E-4
	CC4	0.2047	-0.5392	0.1326	-1.53E-3	-2.35E-4	-1.72E-4
	CC5	-0.2075	0.5332	-0.3050	1.51E-3	2.31E-4	1.66E-4
	CC6	-0.2103	0.5904	-0.3285	1.67E-3	2.56E-4	1.93E-4
	CC7	-0.2010	0.3316	-0.2186	8.86E-4	1.36E-4	1.75E-4
	CC8	-0.2038	0.3888	-0.2421	1.05E-3	1.61E-4	2.02E-4
	CC9	0.0537	0.0991	-0.1349	3.70E-4	5.68E-5	-1.19E-4
	CC10	0.0444	0.2885	-0.2127	8.98E-4	1.38E-4	-3.02E-5
	CC11	-0.0689	0.3775	-0.2474	1.14E-3	1.76E-4	-6.71E-6
	CC12	-0.0782	0.5669	-0.3252	1.67E-3	2.57E-4	8.20E-5
	CC13	0.0754	-0.5729	0.1528	-1.70E-3	-2.61E-4	-8.77E-5
	CC14	0.0661	-0.3835	0.0750	-1.17E-3	-1.80E-4	9.21E-7
	CC15	-0.0472	-0.2945	0.0404	-9.25E-4	-1.42E-4	2.44E-5
	CC16	-0.0564	-0.1051	-0.0374	-3.97E-4	-6.09E-5	1.13E-4
626	CC1	0.2522	-0.4933	0.0807	-1.15E-3	-1.76E-4	-2.44E-4
	CC2	0.2486	-0.4212	0.0555	-9.76E-4	-1.50E-4	-2.14E-4
	CC3	0.2621	-0.7521	0.1748	-1.82E-3	-2.79E-4	-2.12E-4
	CC4	0.2585	-0.6800	0.1496	-1.65E-3	-2.53E-4	-1.81E-4
	CC5	-0.2603	0.6716	-0.3228	1.62E-3	2.48E-4	1.76E-4
	CC6	-0.2640	0.7436	-0.3481	1.79E-3	2.75E-4	2.06E-4
	CC7	-0.2504	0.4128	-0.2287	9.46E-4	1.45E-4	2.08E-4
	CC8	-0.2541	0.4848	-0.2540	1.12E-3	1.72E-4	2.39E-4
	CC9	0.0655	0.1331	-0.1411	4.04E-4	6.20E-5	-1.71E-4
	CC10	0.0534	0.3716	-0.2248	9.73E-4	1.49E-4	-6.89E-5
	CC11	-0.0882	0.4826	-0.2621	1.23E-3	1.89E-4	-4.51E-5
	CC12	-0.1003	0.7211	-0.3458	1.80E-3	2.77E-4	5.71E-5
	CC13	0.0985	-0.7295	0.1726	-1.83E-3	-2.81E-4	-6.26E-5
	CC14	0.0864	-0.4910	0.0889	-1.26E-3	-1.94E-4	3.97E-5
	CC15	-0.0553	-0.3801	0.0515	-1.00E-3	-1.54E-4	6.34E-5
	CC16	-0.0674	-0.1415	-0.0322	-4.34E-4	-6.66E-5	1.66E-4
627	CC1	0.3036	-0.5970	0.0888	-1.20E-3	-1.84E-4	-2.89E-4
	CC2	0.2992	-0.5092	0.0621	-1.02E-3	-1.56E-4	-2.53E-4
	CC3	0.3169	-0.9164	0.1888	-1.90E-3	-2.92E-4	-2.39E-4
	CC4	0.3124	-0.8286	0.1622	-1.72E-3	-2.64E-4	-2.03E-4
	CC5	-0.3128	0.8174	-0.3362	1.69E-3	2.59E-4	1.99E-4
	CC6	-0.3172	0.9052	-0.3628	1.87E-3	2.86E-4	2.36E-4
	CC7	-0.2995	0.4980	-0.2361	9.82E-4	1.51E-4	2.49E-4
	CC8	-0.3040	0.5858	-0.2628	1.16E-3	1.78E-4	2.85E-4
	CC9	0.0777	0.1693	-0.1460	4.24E-4	6.50E-5	-2.18E-4
	CC10	0.0628	0.4600	-0.2341	1.02E-3	1.57E-4	-9.82E-5
	CC11	-0.1073	0.5936	-0.2735	1.29E-3	1.98E-4	-7.17E-5
	CC12	-0.1221	0.8843	-0.3616	1.89E-3	2.89E-4	4.84E-5
	CC13	0.1217	-0.8955	0.1876	-1.92E-3	-2.95E-4	-5.23E-5
	CC14	0.1069	-0.6048	0.0995	-1.32E-3	-2.03E-4	6.78E-5
	CC15	-0.0632	-0.4712	0.0601	-1.06E-3	-1.62E-4	9.43E-5
	CC16	-0.0780	-0.1805	-0.0280	-4.59E-4	-7.05E-5	2.14E-4
628	CC1	0.3519	-0.0097	-0.0171	6.33E-5	1.21E-28	-2.93E-4
	CC2	0.3365	0.0035	-0.0189	8.59E-5	1.21E-28	-2.55E-4
	CC3	0.3496	-0.4173	-0.0296	-8.82E-4	7.88E-29	-2.51E-4

	CC4	0.3343	-0.4041	-0.0314	-8.59E-4	7.88E-29	-2.13E-4
	CC5	-0.3331	0.3909	-0.1834	8.25E-4	-7.88E-29	2.18E-4
	CC6	-0.3484	0.4041	-0.1851	8.48E-4	-7.88E-29	2.56E-4
	CC7	-0.3354	-0.0166	-0.1959	-1.20E-4	-1.21E-28	2.59E-4
	CC8	-0.3507	-0.0034	-0.1977	-9.75E-5	-1.21E-28	2.97E-4
	CC9	0.1325	0.5907	-0.0587	1.41E-3	1.01E-28	-2.06E-4
	CC10	0.0817	0.6344	-0.0645	1.48E-3	1.01E-28	-8.12E-5
	CC11	-0.0730	0.7109	-0.1085	1.63E-3	4.11E-29	-5.28E-5
	CC12	-0.1238	0.7546	-0.1144	1.71E-3	4.11E-29	7.20E-5
	CC13	0.1249	-0.7678	-0.1004	-1.74E-3	-4.11E-29	-6.75E-5
	CC14	0.0742	-0.7241	-0.1062	-1.67E-3	-4.11E-29	5.73E-5
	CC15	-0.0805	-0.6476	-0.1503	-1.52E-3	-1.01E-28	8.57E-5
	CC16	-0.1313	-0.6039	-0.1561	-1.44E-3	-1.01E-28	2.10E-4
<b>629</b>	CC1	0.2841	-0.0176	-0.0291	6.81E-5	3.16E-29	-2.39E-4
	CC2	0.2719	-0.0062	-0.0303	8.69E-5	3.16E-29	-2.08E-4
	CC3	0.2817	-0.3453	-0.0412	-8.26E-4	2.05E-29	-2.05E-4
	CC4	0.2695	-0.3339	-0.0424	-8.08E-4	2.05E-29	-1.74E-4
	CC5	-0.2698	0.3235	-0.1697	7.79E-4	-2.05E-29	1.78E-4
	CC6	-0.2819	0.3349	-0.1709	7.98E-4	-2.05E-29	2.09E-4
	CC7	-0.2722	-0.0042	-0.1818	-1.15E-4	-3.16E-29	2.12E-4
	CC8	-0.2843	0.0072	-0.1830	-9.63E-5	-3.16E-29	2.43E-4
	CC9	0.1071	0.4708	-0.0629	1.34E-3	2.64E-29	-1.68E-4
	CC10	0.0668	0.5087	-0.0668	1.40E-3	2.64E-29	-6.55E-5
	CC11	-0.0591	0.5732	-0.1051	1.55E-3	1.07E-29	-4.29E-5
	CC12	-0.0993	0.6110	-0.1090	1.61E-3	1.07E-29	5.96E-5
	CC13	0.0991	-0.6214	-0.1032	-1.64E-3	-1.07E-29	-5.53E-5
	CC14	0.0588	-0.5836	-0.1071	-1.58E-3	-1.07E-29	4.72E-5
	CC15	-0.0671	-0.5191	-0.1454	-1.43E-3	-2.64E-29	6.98E-5
	CC16	-0.1073	-0.4812	-0.1493	-1.37E-3	-2.64E-29	1.72E-4
<b>630</b>	CC1	0.2149	-0.0240	-0.0289	3.77E-5	8.10E-29	-1.83E-4
	CC2	0.2060	-0.0142	-0.0301	5.76E-5	8.10E-29	-1.59E-4
	CC3	0.2125	-0.2749	-0.0406	-8.10E-4	5.25E-29	-1.61E-4
	CC4	0.2035	-0.2651	-0.0418	-7.90E-4	5.25E-29	-1.37E-4
	CC5	-0.2052	0.2573	-0.1667	7.59E-4	-5.25E-29	1.41E-4
	CC6	-0.2142	0.2671	-0.1679	7.79E-4	-5.25E-29	1.65E-4
	CC7	-0.2077	0.0064	-0.1784	-8.90E-5	-8.10E-29	1.63E-4
	CC8	-0.2167	0.0162	-0.1796	-6.92E-5	-8.10E-29	1.87E-4
	CC9	0.0811	0.3559	-0.0621	1.26E-3	6.75E-29	-1.22E-4
	CC10	0.0515	0.3883	-0.0661	1.32E-3	6.75E-29	-4.33E-5
	CC11	-0.0450	0.4402	-0.1035	1.47E-3	2.74E-29	-2.51E-5
	CC12	-0.0746	0.4727	-0.1074	1.54E-3	2.74E-29	5.39E-5
	CC13	0.0729	-0.4805	-0.1011	-1.57E-3	-2.74E-29	-5.01E-5
	CC14	0.0432	-0.4480	-0.1051	-1.50E-3	-2.74E-29	2.90E-5
	CC15	-0.0532	-0.3961	-0.1424	-1.35E-3	-6.75E-29	4.72E-5
	CC16	-0.0828	-0.3636	-0.1464	-1.29E-3	-6.75E-29	1.26E-4
<b>631</b>	CC1	0.2205	-0.0026	0.0445	1.12E-4	2.23E-28	-1.98E-4
	CC2	0.2112	0.0044	0.0398	1.22E-4	2.23E-28	-1.74E-4
	CC3	0.2180	-0.2566	0.0324	-7.54E-4	1.44E-28	-1.71E-4
	CC4	0.2087	-0.2496	0.0278	-7.44E-4	1.44E-28	-1.47E-4
	CC5	-0.2107	0.2415	-0.2323	7.11E-4	-1.44E-28	1.50E-4
	CC6	-0.2199	0.2486	-0.2369	7.21E-4	-1.44E-28	1.75E-4
	CC7	-0.2132	-0.0124	-0.2443	-1.55E-4	-2.23E-28	1.77E-4
	CC8	-0.2225	-0.0054	-0.2490	-1.45E-4	-2.23E-28	2.02E-4
	CC9	0.0832	0.3710	-0.0329	1.32E-3	1.86E-28	-1.36E-4
	CC10	0.0526	0.3943	-0.0483	1.35E-3	1.86E-28	-5.46E-5
	CC11	-0.0462	0.4443	-0.1160	1.50E-3	7.58E-29	-3.20E-5
	CC12	-0.0768	0.4675	-0.1313	1.53E-3	7.58E-29	4.98E-5
	CC13	0.0748	-0.4755	-0.0732	-1.57E-3	-7.58E-29	-4.66E-5
	CC14	0.0442	-0.4523	-0.0885	-1.53E-3	-7.58E-29	3.53E-5
	CC15	-0.0546	-0.4023	-0.1562	-1.39E-3	-1.86E-28	5.79E-5
	CC16	-0.0852	-0.3790	-0.1715	-1.35E-3	-1.86E-28	1.40E-4
<b>632</b>	CC1	0.2805	0.0095	0.0577	1.49E-4	3.99E-29	-2.46E-4
	CC2	0.2685	0.0174	0.0525	1.57E-4	3.99E-29	-2.15E-4
	CC3	0.2781	-0.3222	0.0452	-7.54E-4	2.58E-29	-2.08E-4
	CC4	0.2660	-0.3144	0.0399	-7.46E-4	2.58E-29	-1.78E-4
	CC5	-0.2676	0.3035	-0.2465	7.13E-4	-2.58E-29	1.82E-4
	CC6	-0.2796	0.3113	-0.2518	7.21E-4	-2.58E-29	2.13E-4
	CC7	-0.2701	-0.0283	-0.2590	-1.90E-4	-3.99E-29	2.20E-4
	CC8	-0.2821	-0.0204	-0.2643	-1.82E-4	-3.99E-29	2.50E-4
	CC9	0.1055	0.4904	-0.0280	1.39E-3	3.33E-29	-1.74E-4
	CC10	0.0656	0.5165	-0.0455	1.42E-3	3.33E-29	-7.34E-5
	CC11	-0.0590	0.5786	-0.1193	1.56E-3	1.36E-29	-4.59E-5

	CC12	-0.0988	0.6047	-0.1368	1.59E-3	1.36E-29	5.50E-5
	CC13	0.0973	-0.6156	-0.0698	-1.62E-3	-1.36E-29	-5.04E-5
	CC14	0.0574	-0.5895	-0.0873	-1.59E-3	-1.36E-29	-5.05E-5
	CC15	-0.0672	-0.5274	-0.1611	-1.45E-3	-3.33E-29	7.80E-5
	CC16	-0.1070	-0.5013	-0.1785	-1.42E-3	-3.33E-29	1.79E-4
633	CC1	0.3439	0.0244	0.0563	1.61E-4	1.51E-28	-2.90E-4
	CC2	0.3289	0.0332	0.0511	1.72E-4	1.51E-28	-2.54E-4
	CC3	0.3417	-0.3880	0.0432	-8.08E-4	9.76E-29	-2.44E-4
	CC4	0.3267	-0.3792	0.0381	-7.97E-4	9.76E-29	-2.07E-4
	CC5	-0.3274	0.3653	-0.2471	7.61E-4	-9.76E-29	2.14E-4
	CC6	-0.3424	0.3740	-0.2523	7.72E-4	-9.76E-29	2.50E-4
	CC7	-0.3297	-0.0471	-0.2602	-2.09E-4	-1.51E-28	2.60E-4
	CC8	-0.3447	-0.0384	-0.2654	-1.98E-4	-1.51E-28	2.96E-4
	CC9	0.1289	0.6148	-0.0287	1.49E-3	1.26E-28	-2.10E-4
	CC10	0.0793	0.6438	-0.0458	1.53E-3	1.26E-28	-8.89E-5
	CC11	-0.0725	0.7170	-0.1197	1.67E-3	5.11E-29	-5.88E-5
	CC12	-0.1221	0.7460	-0.1369	1.71E-3	5.11E-29	6.23E-5
	CC13	0.1213	-0.7600	-0.0722	-1.74E-3	-5.11E-29	-5.60E-5
	CC14	0.0717	-0.7310	-0.0894	-1.71E-3	-5.11E-29	6.51E-5
	CC15	-0.0801	-0.6577	-0.1632	-1.56E-3	-1.26E-28	9.52E-5
	CC16	-0.1297	-0.6287	-0.1804	-1.53E-3	-1.26E-28	2.16E-4
634	CC1	0.2201	0.0222	-0.0166	1.84E-4	4.72E-29	-1.89E-4
	CC2	0.2109	0.0261	-0.0185	1.85E-4	4.72E-29	-1.65E-4
	CC3	0.2176	-0.2344	-0.0290	-6.92E-4	3.07E-29	-1.71E-4
	CC4	0.2084	-0.2306	-0.0308	-6.91E-4	3.07E-29	-1.47E-4
	CC5	-0.2099	0.2221	-0.1735	6.56E-4	-3.07E-29	1.50E-4
	CC6	-0.2191	0.2260	-0.1754	6.58E-4	-3.07E-29	1.74E-4
	CC7	-0.2124	-0.0345	-0.1859	-2.19E-4	-4.72E-29	1.68E-4
	CC8	-0.2216	-0.0307	-0.1878	-2.18E-4	-4.72E-29	1.92E-4
	CC9	0.0832	0.3871	-0.0549	1.37E-3	3.92E-29	-1.19E-4
	CC10	0.0527	0.3999	-0.0611	1.37E-3	3.92E-29	-3.88E-5
	CC11	-0.0458	0.4471	-0.1020	1.51E-3	1.59E-29	-1.69E-5
	CC12	-0.0763	0.4599	-0.1082	1.52E-3	1.59E-29	6.28E-5
	CC13	0.0748	-0.4683	-0.0962	-1.55E-3	-1.59E-29	-5.96E-5
	CC14	0.0443	-0.4556	-0.1024	-1.54E-3	-1.59E-29	2.01E-5
	CC15	-0.0542	-0.4084	-0.1433	-1.41E-3	-3.92E-29	4.20E-5
	CC16	-0.0847	-0.3956	-0.1494	-1.40E-3	-3.92E-29	1.22E-4
635	CC1	0.2185	0.0083	0.0153	1.35E-4	1.33E-28	-1.90E-4
	CC2	0.2094	0.0139	0.0120	1.42E-4	1.33E-28	-1.66E-4
	CC3	0.2160	-0.2470	0.0031	-7.34E-4	8.57E-29	-1.69E-4
	CC4	0.2069	-0.2413	-0.0002	-7.27E-4	8.57E-29	-1.44E-4
	CC5	-0.2087	0.2331	-0.2042	6.94E-4	-8.57E-29	1.48E-4
	CC6	-0.2178	0.2388	-0.2075	7.01E-4	-8.57E-29	1.72E-4
	CC7	-0.2112	-0.0221	-0.2164	-1.75E-4	-1.33E-28	1.69E-4
	CC8	-0.2203	-0.0165	-0.2197	-1.68E-4	-1.33E-28	1.93E-4
	CC9	0.0825	0.3782	-0.0435	1.34E-3	1.11E-28	-1.25E-4
	CC10	0.0522	0.3969	-0.0544	1.36E-3	1.11E-28	-4.46E-5
	CC11	-0.0457	0.4457	-0.1093	1.50E-3	4.55E-29	-2.33E-5
	CC12	-0.0759	0.4644	-0.1203	1.53E-3	4.55E-29	5.66E-5
	CC13	0.0741	-0.4726	-0.0842	-1.56E-3	-4.55E-29	-5.34E-5
	CC14	0.0439	-0.4539	-0.0951	-1.54E-3	-4.55E-29	2.65E-5
	CC15	-0.0540	-0.4051	-0.1500	-1.39E-3	-1.11E-28	4.78E-5
	CC16	-0.0843	-0.3864	-0.1609	-1.37E-3	-1.11E-28	1.28E-4
636	CC1	0.3404	0.0638	-0.0123	2.33E-4	2.42E-28	-2.92E-4
	CC2	0.3256	0.0676	-0.0143	2.34E-4	2.42E-28	-2.55E-4
	CC3	0.3381	-0.3542	-0.0258	-7.49E-4	1.57E-28	-2.51E-4
	CC4	0.3233	-0.3504	-0.0279	-7.47E-4	1.57E-28	-2.14E-4
	CC5	-0.3238	0.3358	-0.1812	7.09E-4	-1.57E-28	2.18E-4
	CC6	-0.3387	0.3395	-0.1833	7.10E-4	-1.57E-28	2.55E-4
	CC7	-0.3261	-0.0822	-0.1948	-2.73E-4	-2.42E-28	2.59E-4
	CC8	-0.3409	-0.0785	-0.1969	-2.71E-4	-2.42E-28	2.96E-4
	CC9	0.1278	0.6424	-0.0531	1.54E-3	2.02E-28	-2.04E-4
	CC10	0.0787	0.6548	-0.0600	1.55E-3	2.02E-28	-8.14E-5
	CC11	-0.0715	0.7240	-0.1038	1.69E-3	8.23E-29	-5.11E-5
	CC12	-0.1206	0.7364	-0.1107	1.69E-3	8.23E-29	7.17E-5
	CC13	0.1201	-0.7510	-0.0984	-1.73E-3	-8.23E-29	-6.78E-5
	CC14	0.0710	-0.7386	-0.1053	-1.72E-3	-8.23E-29	5.50E-5
	CC15	-0.0792	-0.6695	-0.1491	-1.59E-3	-2.02E-28	8.52E-5
	CC16	-0.1283	-0.6571	-0.1560	-1.58E-3	-2.02E-28	2.08E-4
637	CC1	0.2799	0.0421	-0.0156	2.22E-4	1.13E-28	-2.42E-4
	CC2	0.2679	0.0459	-0.0176	2.21E-4	1.13E-28	-2.12E-4
	CC3	0.2775	-0.2936	-0.0286	-6.97E-4	7.36E-29	-2.15E-4

	CC4	0.2655	-0.2899	-0.0306	-6.98E-4	7.36E-29	-1.84E-4
	CC5	-0.2665	0.2784	-0.1763	6.64E-4	-7.36E-29	1.88E-4
	CC6	-0.2785	0.2822	-0.1783	6.63E-4	-7.36E-29	2.18E-4
	CC7	-0.2690	-0.0573	-0.1893	-2.55E-4	-1.13E-28	2.15E-4
	CC8	-0.2810	-0.0535	-0.1912	-2.56E-4	-1.13E-28	2.45E-4
	CC9	0.1054	0.5121	-0.0545	1.45E-3	9.43E-29	-1.59E-4
	CC10	0.0656	0.5246	-0.0609	1.45E-3	9.43E-29	-5.74E-5
	CC11	-0.0586	0.5830	-0.1027	1.58E-3	3.82E-29	-2.97E-5
	CC12	-0.0983	0.5955	-0.1091	1.58E-3	3.82E-29	7.15E-5
	CC13	0.0972	-0.6069	-0.0978	-1.61E-3	-3.82E-29	-6.84E-5
	CC14	0.0575	-0.5945	-0.1042	-1.62E-3	-3.82E-29	3.29E-5
	CC15	-0.0667	-0.5360	-0.1460	-1.48E-3	-9.43E-29	6.05E-5
	CC16	-0.1064	-0.5236	-0.1524	-1.48E-3	-9.43E-29	1.62E-4
638	CC1	0.2802	0.0254	0.0175	1.82E-4	1.08E-28	-2.43E-4
	CC2	0.2682	0.0313	0.0141	1.86E-4	1.08E-28	-2.12E-4
	CC3	0.2778	-0.3084	0.0047	-7.29E-4	7.00E-29	-2.12E-4
	CC4	0.2658	-0.3025	0.0013	-7.25E-4	7.00E-29	-1.81E-4
	CC5	-0.2671	0.2914	-0.2082	6.91E-4	-7.00E-29	1.85E-4
	CC6	-0.2791	0.2972	-0.2116	6.95E-4	-7.00E-29	2.16E-4
	CC7	-0.2695	-0.0425	-0.2209	-2.19E-4	-1.08E-28	2.16E-4
	CC8	-0.2815	-0.0366	-0.2244	-2.15E-4	-1.08E-28	2.47E-4
	CC9	0.1054	0.5012	-0.0426	1.42E-3	8.97E-29	-1.64E-4
	CC10	0.0656	0.5207	-0.0540	1.43E-3	8.97E-29	-6.28E-5
	CC11	-0.0588	0.5810	-0.1103	1.57E-3	3.64E-29	-3.55E-5
	CC12	-0.0985	0.6004	-0.1217	1.58E-3	3.64E-29	6.56E-5
	CC13	0.0972	-0.6116	-0.0852	-1.62E-3	-3.64E-29	-6.14E-5
	CC14	0.0575	-0.5922	-0.0965	-1.60E-3	-3.64E-29	3.98E-5
	CC15	-0.0670	-0.5318	-0.1529	-1.46E-3	-8.97E-29	6.70E-5
	CC16	-0.1067	-0.5124	-0.1642	-1.45E-3	-8.97E-29	1.68E-4
639	CC1	0.3433	0.0440	0.0182	1.91E-4	1.44E-28	-2.92E-4
	CC2	0.3284	0.0503	0.0148	1.98E-4	1.44E-28	-2.55E-4
	CC3	0.3410	-0.3713	0.0049	-7.82E-4	9.31E-29	-2.51E-4
	CC4	0.3261	-0.3650	0.0014	-7.75E-4	9.31E-29	-2.14E-4
	CC5	-0.3266	0.3507	-0.2107	7.37E-4	-9.31E-29	2.19E-4
	CC6	-0.3415	0.3570	-0.2142	7.44E-4	-9.31E-29	2.57E-4
	CC7	-0.3289	-0.0646	-0.2241	-2.35E-4	-1.44E-28	2.60E-4
	CC8	-0.3438	-0.0583	-0.2276	-2.28E-4	-1.44E-28	2.97E-4
	CC9	0.1288	0.6286	-0.0423	1.51E-3	1.20E-28	-2.03E-4
	CC10	0.0793	0.6493	-0.0537	1.53E-3	1.20E-28	-8.04E-5
	CC11	-0.0722	0.7206	-0.1110	1.67E-3	4.91E-29	-4.98E-5
	CC12	-0.1217	0.7413	-0.1224	1.69E-3	4.91E-29	7.30E-5
	CC13	0.1212	-0.7557	-0.0869	-1.73E-3	-4.91E-29	-6.77E-5
	CC14	0.0717	-0.7349	-0.0983	-1.71E-3	-4.91E-29	5.51E-5
	CC15	-0.0798	-0.6637	-0.1556	-1.57E-3	-1.20E-28	8.57E-5
	CC16	-0.1293	-0.6429	-0.1670	-1.55E-3	-1.20E-28	2.09E-4
640	CC1	0.3392	0.1634	-0.1707	4.22E-4	2.79E-6	-2.97E-4
	CC2	0.3244	0.1546	-0.1664	3.98E-4	2.63E-6	-2.60E-4
	CC3	0.3369	-0.2708	-0.1832	-5.93E-4	-3.91E-6	-2.50E-4
	CC4	0.3222	-0.2796	-0.1789	-6.17E-4	-4.07E-6	-2.13E-4
	CC5	-0.3227	0.2655	-0.0329	5.71E-4	3.77E-6	2.07E-4
	CC6	-0.3374	0.2567	-0.0286	5.47E-4	3.61E-6	2.44E-4
	CC7	-0.3250	-0.1687	-0.0455	-4.44E-4	-2.93E-6	2.54E-4
	CC8	-0.3397	-0.1775	-0.0411	-4.67E-4	-3.09E-6	2.91E-4
	CC9	0.1272	0.7159	-0.1129	1.69E-3	1.11E-5	-2.18E-4
	CC10	0.0785	0.6867	-0.0985	1.61E-3	1.06E-5	-9.60E-5
	CC11	-0.0713	0.7465	-0.0716	1.73E-3	1.14E-5	-6.69E-5
	CC12	-0.1201	0.7173	-0.0572	1.65E-3	1.09E-5	5.52E-5
	CC13	0.1196	-0.7314	-0.1546	-1.70E-3	-1.12E-5	-6.18E-5
	CC14	0.0708	-0.7607	-0.1403	-1.78E-3	-1.17E-5	6.03E-5
	CC15	-0.0790	-0.7008	-0.1133	-1.65E-3	-1.09E-5	8.94E-5
	CC16	-0.1277	-0.7301	-0.0990	-1.73E-3	-1.14E-5	2.11E-4
641	CC1	0.2806	0.1251	-0.1634	4.14E-4	2.73E-6	-2.45E-4
	CC2	0.2686	0.1185	-0.1593	3.89E-4	2.57E-6	-2.14E-4
	CC3	0.2782	-0.2234	-0.1755	-5.47E-4	-3.61E-6	-2.14E-4
	CC4	0.2662	-0.2300	-0.1714	-5.73E-4	-3.78E-6	-1.84E-4
	CC5	-0.2668	0.2195	-0.0379	5.36E-4	3.54E-6	1.78E-4
	CC6	-0.2788	0.2129	-0.0338	5.11E-4	3.37E-6	2.08E-4
	CC7	-0.2692	-0.1290	-0.0499	-4.26E-4	-2.81E-6	2.09E-4
	CC8	-0.2812	-0.1357	-0.0459	-4.51E-4	-2.98E-6	2.39E-4
	CC9	0.1055	0.5724	-0.1101	1.61E-3	1.06E-5	-1.68E-4
	CC10	0.0658	0.5504	-0.0966	1.52E-3	1.01E-5	-6.72E-5
	CC11	-0.0587	0.6007	-0.0724	1.64E-3	1.09E-5	-4.09E-5

	CC12	-0.0984	0.5787	-0.0590	1.56E-3	1.03E-5	5.97E-5
	CC13	0.0978	-0.5893	-0.1503	-1.60E-3	-1.05E-5	-6.52E-5
	CC14	0.0581	-0.6113	-0.1369	-1.68E-3	-1.11E-5	3.54E-5
	CC15	-0.0664	-0.5610	-0.1127	-1.56E-3	-1.03E-5	6.17E-5
	CC16	-0.1061	-0.5830	-0.0992	-1.64E-3	-1.09E-5	1.62E-4
642	CC1	0.2228	0.1743	-0.1551	3.83E-4	2.53E-6	-1.91E-4
	CC2	0.2135	0.1698	-0.1513	3.60E-4	2.38E-6	-1.67E-4
	CC3	0.2204	-0.0913	-0.1667	-5.37E-4	-3.55E-6	-1.73E-4
	CC4	0.2111	-0.0958	-0.1630	-5.60E-4	-3.70E-6	-1.49E-4
	CC5	-0.2115	0.0884	-0.0435	5.26E-4	3.47E-6	1.46E-4
	CC6	-0.2208	0.0839	-0.0397	5.03E-4	3.32E-6	1.70E-4
	CC7	-0.2140	-0.1772	-0.0551	-3.95E-4	-2.61E-6	1.63E-4
	CC8	-0.2232	-0.1817	-0.0513	-4.18E-4	-2.76E-6	1.87E-4
	CC9	0.0843	0.4592	-0.1068	1.53E-3	1.01E-5	-1.21E-4
	CC10	0.0536	0.4444	-0.0943	1.46E-3	9.62E-6	-4.13E-5
	CC11	-0.0460	0.4335	-0.0733	1.58E-3	1.04E-5	-1.98E-5
	CC12	-0.0767	0.4186	-0.0608	1.50E-3	9.90E-6	5.97E-5
	CC13	0.0763	-0.4260	-0.1456	-1.53E-3	-1.01E-5	-6.32E-5
	CC14	0.0455	-0.4409	-0.1331	-1.61E-3	-1.06E-5	1.64E-5
	CC15	-0.0540	-0.4518	-0.1121	-1.49E-3	-9.85E-6	3.79E-5
	CC16	-0.0848	-0.4666	-0.0996	-1.57E-3	-1.04E-5	1.17E-4
643	CC1	0.2220	0.0712	-0.1216	3.30E-4	2.18E-6	-1.95E-4
	CC2	0.2127	0.0688	-0.1193	3.14E-4	2.07E-6	-1.71E-4
	CC3	0.2196	-0.1925	-0.1336	-5.81E-4	-3.83E-6	-1.69E-4
	CC4	0.2103	-0.1948	-0.1312	-5.97E-4	-3.94E-6	-1.45E-4
	CC5	-0.2111	0.1870	-0.0746	5.62E-4	3.71E-6	1.39E-4
	CC6	-0.2204	0.1847	-0.0723	5.46E-4	3.60E-6	1.63E-4
	CC7	-0.2135	-0.0767	-0.0865	-3.49E-4	-2.30E-6	1.65E-4
	CC8	-0.2228	-0.0790	-0.0842	-3.65E-4	-2.41E-6	1.89E-4
	CC9	0.0840	0.4220	-0.0939	1.49E-3	9.86E-6	-1.36E-4
	CC10	0.0532	0.4144	-0.0862	1.44E-3	9.50E-6	-5.61E-5
	CC11	-0.0460	0.4568	-0.0798	1.56E-3	1.03E-5	-3.61E-5
	CC12	-0.0767	0.4491	-0.0721	1.51E-3	9.96E-6	4.41E-5
	CC13	0.0759	-0.4570	-0.1337	-1.54E-3	-1.02E-5	-4.98E-5
	CC14	0.0452	-0.4646	-0.1260	-1.60E-3	-1.05E-5	3.03E-5
	CC15	-0.0540	-0.4222	-0.1196	-1.47E-3	-9.73E-6	5.04E-5
	CC16	-0.0847	-0.4298	-0.1119	-1.53E-3	-1.01E-5	1.30E-4
644	CC1	0.2216	0.0535	-0.0790	2.78E-4	1.83E-6	-1.97E-4
	CC2	0.2124	0.0534	-0.0781	2.67E-4	1.76E-6	-1.73E-4
	CC3	0.2192	-0.2075	-0.0912	-6.17E-4	-4.07E-6	-1.63E-4
	CC4	0.2099	-0.2076	-0.0903	-6.27E-4	-4.14E-6	-1.38E-4
	CC5	-0.2109	0.1992	-0.1148	5.92E-4	3.91E-6	1.33E-4
	CC6	-0.2202	0.1991	-0.1138	5.82E-4	3.84E-6	1.57E-4
	CC7	-0.2133	-0.0617	-0.1270	-3.02E-4	-2.00E-6	1.67E-4
	CC8	-0.2226	-0.0618	-0.1261	-3.13E-4	-2.06E-6	1.92E-4
	CC9	0.0838	0.4090	-0.0783	1.44E-3	9.52E-6	-1.51E-4
	CC10	0.0531	0.4087	-0.0752	1.41E-3	9.30E-6	-6.99E-5
	CC11	-0.0460	0.4527	-0.0891	1.54E-3	1.01E-5	-5.15E-5
	CC12	-0.0766	0.4524	-0.0859	1.50E-3	9.92E-6	2.92E-5
	CC13	0.0757	-0.4608	-0.1192	-1.54E-3	-1.02E-5	-3.48E-5
	CC14	0.0450	-0.4611	-0.1160	-1.57E-3	-1.04E-5	4.59E-5
	CC15	-0.0541	-0.4170	-0.1299	-1.44E-3	-9.53E-6	6.42E-5
	CC16	-0.0848	-0.4174	-0.1268	-1.48E-3	-9.75E-6	1.45E-4
645	CC1	0.3376	0.1368	-0.1308	3.72E-4	2.45E-6	-2.96E-4
	CC2	0.3229	0.1313	-0.1282	3.55E-4	2.34E-6	-2.60E-4
	CC3	0.3353	-0.2931	-0.1438	-6.33E-4	-4.18E-6	-2.48E-4
	CC4	0.3207	-0.2986	-0.1411	-6.49E-4	-4.29E-6	-2.11E-4
	CC5	-0.3211	0.2840	-0.0697	6.06E-4	4.00E-6	2.06E-4
	CC6	-0.3357	0.2785	-0.0671	5.89E-4	3.89E-6	2.43E-4
	CC7	-0.3233	-0.1459	-0.0826	-3.98E-4	-2.63E-6	2.55E-4
	CC8	-0.3380	-0.1514	-0.0800	-4.15E-4	-2.74E-6	2.92E-4
	CC9	0.1266	0.6962	-0.0974	1.64E-3	1.09E-5	-2.20E-4
	CC10	0.0781	0.6780	-0.0887	1.59E-3	1.05E-5	-9.78E-5
	CC11	-0.0710	0.7403	-0.0791	1.71E-3	1.13E-5	-6.91E-5
	CC12	-0.1195	0.7221	-0.0703	1.66E-3	1.10E-5	5.31E-5
	CC13	0.1191	-0.7368	-0.1405	-1.70E-3	-1.12E-5	-5.74E-5
	CC14	0.0706	-0.7549	-0.1317	-1.76E-3	-1.16E-5	6.49E-5
	CC15	-0.0785	-0.6926	-0.1222	-1.63E-3	-1.08E-5	9.35E-5
	CC16	-0.1270	-0.7108	-0.1134	-1.69E-3	-1.11E-5	2.16E-4
646	CC1	0.2791	0.1031	-0.1265	3.61E-4	2.38E-6	-2.46E-4
	CC2	0.2671	0.0992	-0.1240	3.42E-4	2.26E-6	-2.16E-4
	CC3	0.2767	-0.2424	-0.1389	-5.85E-4	-3.86E-6	-2.08E-4

	CC4	0.2648	-0.2463	-0.1364	-6.04E-4	-3.98E-6	-1.77E-4
	CC5	-0.2655	0.2353	-0.0720	5.66E-4	3.73E-6	1.71E-4
	CC6	-0.2774	0.2314	-0.0695	5.47E-4	3.61E-6	2.02E-4
	CC7	-0.2678	-0.1102	-0.0845	-3.80E-4	-2.51E-6	2.10E-4
	CC8	-0.2798	-0.1141	-0.0820	-3.99E-4	-2.63E-6	2.41E-4
	CC9	0.1050	0.5569	-0.0958	1.56E-3	1.03E-5	-1.81E-4
	CC10	0.0655	0.5441	-0.0875	1.50E-3	9.87E-6	-7.98E-5
	CC11	-0.0584	0.5966	-0.0794	1.62E-3	1.07E-5	-5.52E-5
	CC12	-0.0979	0.5837	-0.0712	1.56E-3	1.03E-5	4.55E-5
	CC13	0.0972	-0.5948	-0.1372	-1.60E-3	-1.05E-5	-5.12E-5
	CC14	0.0577	-0.6076	-0.1290	-1.66E-3	-1.09E-5	4.95E-5
	CC15	-0.0662	-0.5551	-0.1209	-1.53E-3	-1.01E-5	7.41E-5
	CC16	-0.1057	-0.5680	-0.1127	-1.60E-3	-1.05E-5	1.75E-4
647	CC1	0.2787	0.0808	-0.0797	3.12E-4	2.06E-6	-2.47E-4
	CC2	0.2668	0.0797	-0.0788	2.99E-4	1.98E-6	-2.17E-4
	CC3	0.2763	-0.2608	-0.0925	-6.25E-4	-4.12E-6	-2.00E-4
	CC4	0.2644	-0.2619	-0.0916	-6.37E-4	-4.20E-6	-1.69E-4
	CC5	-0.2652	0.2504	-0.1161	6.01E-4	3.97E-6	1.65E-4
	CC6	-0.2771	0.2493	-0.1151	5.89E-4	3.88E-6	1.96E-4
	CC7	-0.2676	-0.0912	-0.1289	-3.35E-4	-2.21E-6	2.13E-4
	CC8	-0.2795	-0.0923	-0.1279	-3.48E-4	-2.30E-6	2.43E-4
	CC9	0.1049	0.5399	-0.0786	1.52E-3	1.00E-5	-1.94E-4
	CC10	0.0654	0.5362	-0.0754	1.48E-3	9.76E-6	-9.23E-5
	CC11	-0.0583	0.5908	-0.0895	1.61E-3	1.06E-5	-6.99E-5
	CC12	-0.0978	0.5871	-0.0863	1.57E-3	1.03E-5	3.14E-5
	CC13	0.0970	-0.5986	-0.1213	-1.60E-3	-1.06E-5	-3.53E-5
	CC14	0.0575	-0.6023	-0.1181	-1.64E-3	-1.08E-5	6.61E-5
	CC15	-0.0662	-0.5477	-0.1322	-1.51E-3	-1.00E-5	8.85E-5
	CC16	-0.1057	-0.5514	-0.1290	-1.56E-3	-1.03E-5	1.90E-4
648	CC1	0.3375	0.1102	-0.0804	3.21E-4	2.12E-6	-2.95E-4
	CC2	0.3228	0.1080	-0.0794	3.11E-4	2.05E-6	-2.58E-4
	CC3	0.3352	-0.3152	-0.0938	-6.77E-4	-4.47E-6	-2.44E-4
	CC4	0.3206	-0.3173	-0.0928	-6.87E-4	-4.53E-6	-2.07E-4
	CC5	-0.3210	0.3024	-0.1172	6.45E-4	4.26E-6	2.06E-4
	CC6	-0.3357	0.3003	-0.1162	6.35E-4	4.19E-6	2.43E-4
	CC7	-0.3232	-0.1229	-0.1305	-3.52E-4	-2.33E-6	2.57E-4
	CC8	-0.3379	-0.1251	-0.1295	-3.62E-4	-2.39E-6	2.94E-4
	CC9	0.1266	0.6761	-0.0789	1.61E-3	1.06E-5	-2.22E-4
	CC10	0.0780	0.6691	-0.0756	1.58E-3	1.04E-5	-1.00E-4
	CC11	-0.0710	0.7338	-0.0899	1.71E-3	1.13E-5	-7.22E-5
	CC12	-0.1195	0.7267	-0.0866	1.67E-3	1.10E-5	5.02E-5
	CC13	0.1191	-0.7416	-0.1234	-1.72E-3	-1.13E-5	-5.16E-5
	CC14	0.0705	-0.7487	-0.1200	-1.75E-3	-1.15E-5	7.09E-5
	CC15	-0.0784	-0.6840	-0.1344	-1.62E-3	-1.07E-5	9.86E-5
	CC16	-0.1270	-0.6910	-0.1311	-1.65E-3	-1.09E-5	2.21E-4
649	CC1	0.2810	0.0781	-0.0164	5.01E-5	-5.39E-4	-2.97E-4
	CC2	0.2861	0.0802	-0.0126	5.10E-5	-5.48E-4	-2.59E-4
	CC3	0.3025	-0.3422	0.0559	4.80E-5	-5.16E-4	-2.45E-4
	CC4	0.3076	-0.3401	0.0596	4.88E-5	-5.25E-4	-2.07E-4
	CC5	-0.3063	0.3255	-0.2412	-4.81E-5	5.17E-4	2.15E-4
	CC6	-0.3012	0.3276	-0.2375	-4.72E-5	5.08E-4	2.53E-4
	CC7	-0.2848	-0.0948	-0.1690	-5.02E-5	5.39E-4	2.67E-4
	CC8	-0.2797	-0.0927	-0.1652	-4.94E-5	5.30E-4	3.05E-4
	CC9	0.0444	0.6526	-0.1837	1.73E-5	-1.86E-4	-2.23E-4
	CC10	0.0613	0.6596	-0.1713	2.00E-5	-2.15E-4	-9.74E-5
	CC11	-0.1318	0.7268	-0.2511	-1.22E-5	1.31E-4	-6.89E-5
	CC12	-0.1149	0.7338	-0.2388	-9.45E-6	1.02E-4	5.62E-5
	CC13	0.1162	-0.7485	0.0572	1.02E-5	-1.10E-4	-4.84E-5
	CC14	0.1331	-0.7414	0.0695	1.30E-5	-1.39E-4	7.67E-5
	CC15	-0.0600	-0.6742	-0.0103	-1.92E-5	2.07E-4	1.05E-4
	CC16	-0.0431	-0.6672	0.0021	-1.65E-5	1.77E-4	2.30E-4
650	CC1	0.2359	0.0565	-0.0169	5.18E-5	-5.56E-4	-2.46E-4
	CC2	0.2402	0.0587	-0.0132	5.26E-5	-5.65E-4	-2.15E-4
	CC3	0.2519	-0.2795	0.0508	4.92E-5	-5.29E-4	-2.05E-4
	CC4	0.2562	-0.2773	0.0546	5.01E-5	-5.38E-4	-1.73E-4
	CC5	-0.2560	0.2664	-0.2353	-4.93E-5	5.30E-4	1.81E-4
	CC6	-0.2517	0.2686	-0.2316	-4.85E-5	5.21E-4	2.13E-4
	CC7	-0.2399	-0.0696	-0.1676	-5.19E-5	5.57E-4	2.23E-4
	CC8	-0.2356	-0.0674	-0.1638	-5.10E-5	5.48E-4	2.54E-4
	CC9	0.0401	0.5194	-0.1768	1.84E-5	-1.97E-4	-1.82E-4
	CC10	0.0543	0.5267	-0.1643	2.12E-5	-2.27E-4	-7.74E-5
	CC11	-0.1075	0.5824	-0.2423	-1.20E-5	1.28E-4	-5.34E-5

	CC12	-0.0932	0.5897	-0.2298	-9.17E-6	9.85E-5	5.08E-5
	CC13	0.0935	-0.6005	0.0491	9.91E-6	-1.06E-4	-4.32E-5
	CC14	0.1077	-0.5932	0.0615	1.27E-5	-1.36E-4	6.10E-5
	CC15	-0.0541	-0.5376	-0.0164	-2.04E-5	2.19E-4	8.51E-5
	CC16	-0.0398	-0.5303	-0.0040	-1.76E-5	1.89E-4	1.89E-4
651	CC1	0.1887	0.0354	-0.0187	5.37E-5	-5.77E-4	-1.95E-4
	CC2	0.1921	0.0378	-0.0150	5.47E-5	-5.88E-4	-1.70E-4
	CC3	0.1996	-0.2206	0.0437	5.11E-5	-5.49E-4	-1.61E-4
	CC4	0.2031	-0.2182	0.0473	5.20E-5	-5.59E-4	-1.36E-4
	CC5	-0.2038	0.2106	-0.2272	-5.15E-5	5.54E-4	1.44E-4
	CC6	-0.2003	0.2130	-0.2235	-5.06E-5	5.43E-4	1.69E-4
	CC7	-0.1928	-0.0453	-0.1648	-5.42E-5	5.82E-4	1.78E-4
	CC8	-0.1893	-0.0429	-0.1611	-5.33E-5	5.72E-4	2.03E-4
	CC9	0.0345	0.3925	-0.1686	1.89E-5	-2.03E-4	-1.46E-4
	CC10	0.0460	0.4004	-0.1564	2.21E-5	-2.37E-4	-6.29E-5
	CC11	-0.0832	0.4451	-0.2312	-1.27E-5	1.36E-4	-4.38E-5
	CC12	-0.0718	0.4530	-0.2190	-9.53E-6	1.02E-4	3.89E-5
	CC13	0.0711	-0.4606	0.0392	1.00E-5	-1.08E-4	-3.12E-5
	CC14	0.0825	-0.4527	0.0514	1.31E-5	-1.41E-4	5.15E-5
	CC15	-0.0466	-0.4080	-0.0234	-2.16E-5	2.32E-4	7.06E-5
	CC16	-0.0352	-0.4001	-0.0112	-1.84E-5	1.98E-4	1.53E-4
652	CC1	0.1938	0.0366	-0.0126	5.52E-5	-5.93E-4	-1.89E-4
	CC2	0.1953	0.0388	-0.0091	5.55E-5	-5.96E-4	-1.64E-4
	CC3	0.2028	-0.2193	0.0019	5.14E-5	-5.52E-4	-1.66E-4
	CC4	0.2043	-0.2171	0.0054	5.17E-5	-5.56E-4	-1.42E-4
	CC5	-0.2055	0.2093	-0.1881	-5.12E-5	5.50E-4	1.49E-4
	CC6	-0.2040	0.2115	-0.1847	-5.08E-5	5.46E-4	1.73E-4
	CC7	-0.1965	-0.0466	-0.1736	-5.50E-5	5.90E-4	1.71E-4
	CC8	-0.1951	-0.0444	-0.1701	-5.47E-5	5.87E-4	1.96E-4
	CC9	0.0419	0.3930	-0.0950	2.21E-5	-2.37E-4	-1.25E-4
	CC10	0.0467	0.4003	-0.0835	2.31E-5	-2.48E-4	-4.47E-5
	CC11	-0.0779	0.4448	-0.1477	-9.84E-6	1.06E-4	-2.40E-5
	CC12	-0.0731	0.4521	-0.1362	-8.82E-6	9.47E-5	5.66E-5
	CC13	0.0718	-0.4599	-0.0466	9.37E-6	-1.01E-4	-4.97E-5
	CC14	0.0767	-0.4526	-0.0350	1.04E-5	-1.12E-4	3.09E-5
	CC15	-0.0480	-0.4081	-0.0992	-2.25E-5	2.42E-4	5.16E-5
	CC16	-0.0431	-0.4008	-0.0877	-2.15E-5	2.31E-4	1.32E-4
653	CC1	0.1968	0.0376	-0.0023	5.63E-5	-6.05E-4	-1.94E-4
	CC2	0.1963	0.0396	0.0010	5.61E-5	-6.02E-4	-1.70E-4
	CC3	0.2043	-0.2183	-0.0377	5.20E-5	-5.58E-4	-1.77E-4
	CC4	0.2038	-0.2162	-0.0343	5.17E-5	-5.55E-4	-1.53E-4
	CC5	-0.2055	0.2083	-0.1513	-5.11E-5	5.49E-4	1.56E-4
	CC6	-0.2060	0.2103	-0.1479	-5.14E-5	5.52E-4	1.80E-4
	CC7	-0.1980	-0.0476	-0.1866	-5.55E-5	5.96E-4	1.73E-4
	CC8	-0.1985	-0.0456	-0.1832	-5.58E-5	5.99E-4	1.98E-4
	CC9	0.0479	0.3935	-0.0171	2.42E-5	-2.60E-4	-1.20E-4
	CC10	0.0462	0.4003	-0.0060	2.33E-5	-2.50E-4	-3.96E-5
	CC11	-0.0728	0.4447	-0.0618	-8.08E-6	8.69E-5	-1.48E-5
	CC12	-0.0745	0.4515	-0.0507	-8.98E-6	9.64E-5	6.54E-5
	CC13	0.0728	-0.4594	-0.1349	9.55E-6	-1.03E-4	-6.19E-5
	CC14	0.0712	-0.4526	-0.1237	8.65E-6	-9.30E-5	1.83E-5
	CC15	-0.0479	-0.4082	-0.1796	-2.27E-5	2.44E-4	4.31E-5
	CC16	-0.0495	-0.4014	-0.1684	-2.36E-5	2.53E-4	1.23E-4
654	CC1	0.2889	0.0800	-0.0066	5.03E-5	-5.40E-4	-2.96E-4
	CC2	0.2909	0.0819	-0.0029	5.06E-5	-5.43E-4	-2.58E-4
	CC3	0.3073	-0.3405	0.0085	4.81E-5	-5.17E-4	-2.58E-4
	CC4	0.3093	-0.3386	0.0121	4.84E-5	-5.20E-4	-2.20E-4
	CC5	-0.3086	0.3239	-0.1975	-4.77E-5	5.13E-4	2.27E-4
	CC6	-0.3065	0.3257	-0.1938	-4.75E-5	5.10E-4	2.65E-4
	CC7	-0.2902	-0.0966	-0.1824	-4.99E-5	5.36E-4	2.65E-4
	CC8	-0.2881	-0.0948	-0.1787	-4.96E-5	5.33E-4	3.03E-4
	CC9	0.0559	0.6538	-0.0953	1.82E-5	-1.96E-4	-2.01E-4
	CC10	0.0627	0.6600	-0.0831	1.91E-5	-2.05E-4	-7.48E-5
	CC11	-0.1233	0.7270	-0.1525	-1.12E-5	1.20E-4	-4.39E-5
	CC12	-0.1166	0.7331	-0.1403	-1.03E-5	1.11E-4	8.22E-5
	CC13	0.1173	-0.7479	-0.0450	1.10E-5	-1.18E-4	-7.54E-5
	CC14	0.1241	-0.7417	-0.0328	1.18E-5	-1.27E-4	5.07E-5
	CC15	-0.0619	-0.6747	-0.1022	-1.84E-5	1.98E-4	8.16E-5
	CC16	-0.0552	-0.6686	-0.0900	-1.76E-5	1.89E-4	2.08E-4
655	CC1	0.2429	0.0580	-0.0092	5.42E-5	-5.83E-4	-2.47E-4
	CC2	0.2447	0.0600	-0.0056	5.45E-5	-5.86E-4	-2.16E-4
	CC3	0.2561	-0.2780	0.0057	5.08E-5	-5.46E-4	-2.12E-4

	CC4	0.2579	-0.2760	0.0093	5.11E-5	-5.49E-4	-1.81E-4
	CC5	-0.2582	0.2650	-0.1934	-5.03E-5	5.41E-4	1.87E-4
	CC6	-0.2564	0.2670	-0.1898	-5.01E-5	5.38E-4	2.18E-4
	CC7	-0.2450	-0.0710	-0.1785	-5.38E-5	5.78E-4	2.22E-4
	CC8	-0.2432	-0.0690	-0.1749	-5.35E-5	5.75E-4	2.53E-4
	CC9	0.0501	0.5201	-0.0952	2.13E-5	-2.29E-4	-1.72E-4
	CC10	0.0560	0.5267	-0.0833	2.22E-5	-2.39E-4	-6.81E-5
	CC11	-0.1002	0.5822	-0.1504	-1.01E-5	1.08E-4	-4.20E-5
	CC12	-0.0944	0.5888	-0.1385	-9.17E-6	9.85E-5	6.21E-5
	CC13	0.0941	-0.5998	-0.0456	9.94E-6	-1.07E-4	-5.61E-5
	CC14	0.0999	-0.5932	-0.0337	1.08E-5	-1.17E-4	4.79E-5
	CC15	-0.0563	-0.5377	-0.1008	-2.14E-5	2.30E-4	7.40E-5
	CC16	-0.0504	-0.5311	-0.0889	-2.05E-5	2.21E-4	1.78E-4
656	CC1	0.2485	0.0596	0.0030	5.85E-5	-6.29E-4	-2.47E-4
	CC2	0.2478	0.0614	0.0065	5.82E-5	-6.25E-4	-2.16E-4
	CC3	0.2594	-0.2770	-0.0373	5.40E-5	-5.81E-4	-2.19E-4
	CC4	0.2587	-0.2752	-0.0337	5.37E-5	-5.77E-4	-1.87E-4
	CC5	-0.2594	0.2640	-0.1537	-5.29E-5	5.68E-4	1.92E-4
	CC6	-0.2601	0.2658	-0.1501	-5.32E-5	5.72E-4	2.23E-4
	CC7	-0.2485	-0.0726	-0.1940	-5.74E-5	6.16E-4	2.20E-4
	CC8	-0.2492	-0.0708	-0.1904	-5.77E-5	6.20E-4	2.51E-4
	CC9	0.0590	0.5219	-0.0090	2.51E-5	-2.70E-4	-1.63E-4
	CC10	0.0565	0.5277	0.0028	2.41E-5	-2.59E-4	-6.03E-5
	CC11	-0.0934	0.5832	-0.0560	-8.29E-6	8.91E-5	-3.16E-5
	CC12	-0.0959	0.5890	-0.0442	-9.36E-6	1.01E-4	7.14E-5
	CC13	0.0952	-0.6002	-0.1432	1.02E-5	-1.09E-4	-6.72E-5
	CC14	0.0927	-0.5943	-0.1314	9.12E-6	-9.80E-5	3.58E-5
	CC15	-0.0572	-0.5389	-0.1902	-2.32E-5	2.50E-4	6.44E-5
	CC16	-0.0596	-0.5330	-0.1784	-2.43E-5	2.61E-4	1.67E-4
657	CC1	0.2976	0.0823	0.0070	5.24E-5	-5.63E-4	-2.98E-4
	CC2	0.2965	0.0839	0.0107	5.21E-5	-5.60E-4	-2.60E-4
	CC3	0.3128	-0.3392	-0.0371	4.94E-5	-5.30E-4	-2.51E-4
	CC4	0.3118	-0.3377	-0.0334	4.91E-5	-5.27E-4	-2.13E-4
	CC5	-0.3115	0.3228	-0.1558	-4.85E-5	5.21E-4	2.17E-4
	CC6	-0.3125	0.3244	-0.1521	-4.88E-5	5.24E-4	2.55E-4
	CC7	-0.2962	-0.0987	-0.1999	-5.16E-5	5.54E-4	2.64E-4
	CC8	-0.2973	-0.0972	-0.1962	-5.19E-5	5.57E-4	3.02E-4
	CC9	0.0678	0.6565	-0.0028	2.10E-5	-2.25E-4	-2.16E-4
	CC10	0.0644	0.6616	0.0095	2.00E-5	-2.15E-4	-9.12E-5
	CC11	-0.1149	0.7286	-0.0516	-9.30E-6	1.00E-4	-6.17E-5
	CC12	-0.1183	0.7338	-0.0393	-1.02E-5	1.10E-4	6.33E-5
	CC13	0.1186	-0.7487	-0.1498	1.08E-5	-1.16E-4	-5.96E-5
	CC14	0.1152	-0.7435	-0.1375	9.85E-6	-1.06E-4	6.54E-5
	CC15	-0.0641	-0.6765	-0.1987	-1.95E-5	2.09E-4	9.49E-5
	CC16	-0.0675	-0.6713	-0.1864	-2.04E-5	2.19E-4	2.20E-4
658	CC1	0.2681	0.2720	-0.1606	3.77E-4	2.09E-5	-3.96E-4
	CC2	0.2766	0.2507	-0.1599	3.28E-4	1.82E-5	-3.53E-4
	CC3	0.2953	-0.1881	-0.1101	-6.36E-4	-3.53E-5	-2.40E-4
	CC4	0.3038	-0.2093	-0.1094	-6.85E-4	-3.80E-5	-1.98E-4
	CC5	-0.3012	0.2028	-0.0777	6.22E-4	3.45E-5	1.66E-4
	CC6	-0.2927	0.1816	-0.0771	5.73E-4	3.18E-5	2.08E-4
	CC7	-0.2741	-0.2572	-0.0273	-3.91E-4	-2.17E-5	3.21E-4
	CC8	-0.2655	-0.2784	-0.0266	-4.40E-4	-2.44E-5	3.64E-4
	CC9	0.0272	0.8090	-0.1912	1.70E-3	9.44E-5	-4.30E-4
	CC10	0.0555	0.7388	-0.1890	1.54E-3	8.54E-5	-2.89E-4
	CC11	-0.1436	0.7883	-0.1664	1.77E-3	9.85E-5	-2.62E-4
	CC12	-0.1153	0.7180	-0.1642	1.61E-3	8.95E-5	-1.20E-4
	CC13	0.1178	-0.7245	-0.0230	-1.68E-3	-9.30E-5	8.80E-5
	CC14	0.1461	-0.7948	-0.0208	-1.84E-3	-1.02E-4	2.30E-4
	CC15	-0.0530	-0.7452	0.0019	-1.60E-3	-8.89E-5	2.56E-4
	CC16	-0.0247	-0.8155	0.0041	-1.76E-3	-9.79E-5	3.98E-4
659	CC1	0.2234	0.2131	-0.1551	4.40E-4	2.44E-5	-2.55E-4
	CC2	0.2304	0.1966	-0.1543	3.80E-4	2.11E-5	-2.26E-4
	CC3	0.2430	-0.1505	-0.1060	-7.46E-4	-4.14E-5	-2.21E-4
	CC4	0.2500	-0.1670	-0.1052	-8.07E-4	-4.48E-5	-1.91E-4
	CC5	-0.2484	0.1642	-0.0798	7.84E-4	4.35E-5	1.65E-4
	CC6	-0.2414	0.1478	-0.0791	7.23E-4	4.02E-5	1.94E-4
	CC7	-0.2288	-0.1994	-0.0307	-4.03E-4	-2.24E-5	1.99E-4
	CC8	-0.2218	-0.2158	-0.0299	-4.63E-4	-2.57E-5	2.29E-4
	CC9	0.0273	0.6392	-0.1870	2.01E-3	1.12E-4	-1.83E-4
	CC10	0.0505	0.5847	-0.1844	1.82E-3	1.01E-4	-8.48E-5
	CC11	-0.1142	0.6246	-0.1644	2.12E-3	1.18E-4	-5.65E-5



	CC12	-0.0910	0.5701	-0.1618	1.92E-3	1.06E-4	4.12E-5
	CC13	0.0927	-0.5728	-0.0232	-1.94E-3	-1.08E-4	-6.77E-5
	CC14	0.1158	-0.6273	-0.0206	-2.14E-3	-1.19E-4	3.00E-5
	CC15	-0.0489	-0.5875	-0.0007	-1.84E-3	-1.02E-4	5.83E-5
	CC16	-0.0257	-0.6420	0.0019	-2.04E-3	-1.13E-4	1.56E-4
660	CC1	0.1794	0.1614	-0.1483	6.23E-4	3.46E-5	-1.04E-4
	CC2	0.1850	0.1496	-0.1474	5.76E-4	3.20E-5	-8.81E-5
	CC3	0.1920	-0.1059	-0.1009	-3.67E-4	-2.04E-5	-2.11E-4
	CC4	0.1975	-0.1177	-0.0999	-4.14E-4	-2.30E-5	-1.95E-4
	CC5	-0.1965	0.1159	-0.0828	4.13E-4	2.30E-5	1.80E-4
	CC6	-0.1910	0.1041	-0.0819	3.66E-4	2.03E-5	1.96E-4
	CC7	-0.1839	-0.1514	-0.0353	-5.77E-4	-3.20E-5	7.36E-5
	CC8	-0.1784	-0.1631	-0.0344	-6.24E-4	-3.46E-5	8.96E-5
	CC9	0.0268	0.4708	-0.1818	1.76E-3	9.77E-5	1.01E-4
	CC10	0.0451	0.4319	-0.1788	1.60E-3	8.91E-5	1.54E-4
	CC11	-0.0860	0.4572	-0.1622	1.70E-3	9.42E-5	1.86E-4
	CC12	-0.0677	0.4183	-0.1591	1.54E-3	8.56E-5	2.39E-4
	CC13	0.0687	-0.4200	-0.0236	-1.54E-3	-8.56E-5	-2.54E-4
	CC14	0.0870	-0.4590	-0.0206	-1.70E-3	-9.42E-5	-2.01E-4
	CC15	-0.0441	-0.4337	-0.0039	-1.61E-3	-8.91E-5	-1.69E-4
	CC16	-0.0258	-0.4726	-0.0009	-1.76E-3	-9.77E-5	-1.16E-4
661	CC1	0.1789	0.1543	-0.1244	4.44E-4	2.46E-5	-1.78E-4
	CC2	0.1843	0.1444	-0.1231	4.02E-4	2.23E-5	-1.56E-4
	CC3	0.1916	-0.1164	-0.0783	-5.49E-4	-3.05E-5	-1.85E-4
	CC4	0.1970	-0.1264	-0.0770	-5.91E-4	-3.28E-5	-1.63E-4
	CC5	-0.1962	0.1230	-0.1049	5.76E-4	3.20E-5	1.42E-4
	CC6	-0.1908	0.1131	-0.1036	5.35E-4	2.97E-5	1.64E-4
	CC7	-0.1835	-0.1477	-0.0588	-4.17E-4	-2.31E-5	1.36E-4
	CC8	-0.1781	-0.1577	-0.0575	-4.58E-4	-2.54E-5	1.58E-4
	CC9	0.0265	0.4707	-0.1729	1.70E-3	9.42E-5	-8.38E-5
	CC10	0.0444	0.4377	-0.1686	1.56E-3	8.66E-5	-1.08E-5
	CC11	-0.0861	0.4613	-0.1671	1.74E-3	9.64E-5	1.24E-5
	CC12	-0.0681	0.4283	-0.1628	1.60E-3	8.88E-5	8.54E-5
	CC13	0.0689	-0.4317	-0.0192	-1.61E-3	-8.96E-5	-1.06E-4
	CC14	0.0868	-0.4647	-0.0149	-1.75E-3	-9.72E-5	-3.30E-5
	CC15	-0.0437	-0.4411	-0.0134	-1.57E-3	-8.74E-5	-9.89E-6
	CC16	-0.0257	-0.4741	-0.0090	-1.71E-3	-9.50E-5	6.31E-5
662	CC1	0.1791	0.1543	-0.0995	4.29E-4	2.38E-5	-2.17E-4
	CC2	0.1844	0.1465	-0.0978	3.95E-4	2.19E-5	-1.92E-4
	CC3	0.1915	-0.1122	-0.0527	-5.17E-4	-2.87E-5	-1.55E-4
	CC4	0.1968	-0.1200	-0.0510	-5.51E-4	-3.06E-5	-1.31E-4
	CC5	-0.1962	0.1145	-0.1301	5.23E-4	2.91E-5	1.04E-4
	CC6	-0.1908	0.1067	-0.1284	4.89E-4	2.71E-5	1.29E-4
	CC7	-0.1838	-0.1520	-0.0834	-4.22E-4	-2.34E-5	1.65E-4
	CC8	-0.1784	-0.1598	-0.0817	-4.57E-4	-2.53E-5	1.90E-4
	CC9	0.0271	0.4603	-0.1667	1.61E-3	8.91E-5	-2.04E-4
	CC10	0.0448	0.4344	-0.1611	1.49E-3	8.28E-5	-1.23E-4
	CC11	-0.0855	0.4483	-0.1759	1.63E-3	9.07E-5	-1.08E-4
	CC12	-0.0678	0.4225	-0.1703	1.52E-3	8.44E-5	-2.66E-5
	CC13	0.0684	-0.4280	-0.0108	-1.55E-3	-8.59E-5	-1.68E-7
	CC14	0.0861	-0.4538	-0.0052	-1.66E-3	-9.22E-5	8.11E-5
	CC15	-0.0441	-0.4399	-0.0200	-1.52E-3	-8.43E-5	9.61E-5
	CC16	-0.0265	-0.4658	-0.0144	-1.63E-3	-9.06E-5	1.77E-4
663	CC1	0.2672	0.2441	-0.1314	4.23E-4	2.35E-5	-3.02E-4
	CC2	0.2755	0.2266	-0.1301	3.80E-4	2.11E-5	-2.66E-4
	CC3	0.2937	-0.2060	-0.0810	-6.04E-4	-3.35E-5	-2.71E-4
	CC4	0.3020	-0.2236	-0.0797	-6.46E-4	-3.59E-5	-2.34E-4
	CC5	-0.2995	0.2145	-0.1061	5.92E-4	3.29E-5	2.07E-4
	CC6	-0.2912	0.1969	-0.1048	5.50E-4	3.05E-5	2.43E-4
	CC7	-0.2729	-0.2357	-0.0557	-4.34E-4	-2.41E-5	2.38E-4
	CC8	-0.2646	-0.2532	-0.0544	-4.77E-4	-2.65E-5	2.75E-4
	CC9	0.0283	0.7793	-0.1829	1.73E-3	9.60E-5	-2.03E-4
	CC10	0.0558	0.7211	-0.1785	1.59E-3	8.82E-5	-8.21E-5
	CC11	-0.1417	0.7704	-0.1753	1.78E-3	9.88E-5	-5.03E-5
	CC12	-0.1142	0.7122	-0.1709	1.64E-3	9.10E-5	7.07E-5
	CC13	0.1167	-0.7213	-0.0149	-1.69E-3	-9.40E-5	-9.82E-5
	CC14	0.1442	-0.7795	-0.0105	-1.83E-3	-1.02E-4	2.28E-5
	CC15	-0.0533	-0.7302	-0.0073	-1.64E-3	-9.11E-5	5.46E-5
	CC16	-0.0258	-0.7884	-0.0029	-1.78E-3	-9.90E-5	1.76E-4
664	CC1	0.2223	0.1996	-0.1284	4.39E-4	2.44E-5	-2.45E-4
	CC2	0.2291	0.1858	-0.1271	3.94E-4	2.18E-5	-2.16E-4
	CC3	0.2415	-0.1608	-0.0798	-6.05E-4	-3.36E-5	-2.26E-4

	CC4	0.2483	-0.1746	-0.0785	-6.50E-4	-3.61E-5	-1.97E-4
	CC5	-0.2469	0.1692	-0.1055	6.19E-4	3.43E-5	1.69E-4
	CC6	-0.2400	0.1555	-0.1041	5.73E-4	3.18E-5	1.98E-4
	CC7	-0.2276	-0.1911	-0.0569	-4.25E-4	-2.36E-5	1.87E-4
	CC8	-0.2208	-0.2049	-0.0555	-4.71E-4	-2.61E-5	2.16E-4
	CC9	0.0277	0.6253	-0.1786	1.77E-3	9.84E-5	-1.56E-4
	CC10	0.0503	0.5798	-0.1743	1.62E-3	9.00E-5	-5.96E-5
	CC11	-0.1130	0.6162	-0.1717	1.83E-3	1.01E-4	-3.16E-5
	CC12	-0.0904	0.5707	-0.1674	1.68E-3	9.30E-5	6.45E-5
	CC13	0.0919	-0.5760	-0.0166	-1.71E-3	-9.48E-5	-9.33E-5
	CC14	0.1145	-0.6215	-0.0122	-1.86E-3	-1.03E-4	2.76E-6
	CC15	-0.0489	-0.5851	-0.0097	-1.65E-3	-9.18E-5	3.08E-5
	CC16	-0.0263	-0.6306	-0.0053	-1.80E-3	-1.00E-4	1.27E-4
665	CC1	0.2222	0.1985	-0.1002	5.07E-4	2.82E-5	-2.42E-4
	CC2	0.2289	0.1874	-0.0984	4.67E-4	2.59E-5	-2.12E-4
	CC3	0.2411	-0.1588	-0.0506	-5.96E-4	-3.31E-5	-2.20E-4
	CC4	0.2478	-0.1699	-0.0487	-6.36E-4	-3.53E-5	-1.91E-4
	CC5	-0.2464	0.1623	-0.1341	6.14E-4	3.41E-5	1.69E-4
	CC6	-0.2397	0.1513	-0.1323	5.74E-4	3.19E-5	1.98E-4
	CC7	-0.2276	-0.1950	-0.0845	-4.89E-4	-2.72E-5	1.90E-4
	CC8	-0.2209	-0.2061	-0.0827	-5.30E-4	-2.94E-5	2.20E-4
	CC9	0.0284	0.6155	-0.1721	1.88E-3	1.04E-4	-1.57E-4
	CC10	0.0506	0.5789	-0.1661	1.75E-3	9.69E-5	-5.99E-5
	CC11	-0.1122	0.6046	-0.1822	1.91E-3	1.06E-4	-3.41E-5
	CC12	-0.0900	0.5680	-0.1762	1.78E-3	9.87E-5	6.31E-5
	CC13	0.0914	-0.5756	-0.0067	-1.80E-3	-9.99E-5	-8.51E-5
	CC14	0.1136	-0.6122	-0.0006	-1.93E-3	-1.07E-4	1.21E-5
	CC15	-0.0492	-0.5865	-0.0168	-1.77E-3	-9.81E-5	3.79E-5
	CC16	-0.0271	-0.6231	-0.0108	-1.90E-3	-1.06E-4	1.35E-4
666	CC1	0.2670	0.2424	-0.0999	4.12E-4	2.29E-5	-2.53E-4
	CC2	0.2751	0.2281	-0.0979	3.78E-4	2.10E-5	-2.18E-4
	CC3	0.2933	-0.2065	-0.0482	-5.76E-4	-3.20E-5	-2.98E-4
	CC4	0.3014	-0.2208	-0.0463	-6.10E-4	-3.39E-5	-2.63E-4
	CC5	-0.2990	0.2099	-0.1382	5.54E-4	3.07E-5	2.51E-4
	CC6	-0.2908	0.1956	-0.1363	5.20E-4	2.88E-5	2.85E-4
	CC7	-0.2727	-0.2390	-0.0866	-4.34E-4	-2.41E-5	2.06E-4
	CC8	-0.2645	-0.2533	-0.0846	-4.68E-4	-2.60E-5	2.40E-4
	CC9	0.0288	0.7713	-0.1758	1.65E-3	9.18E-5	-6.40E-5
	CC10	0.0557	0.7239	-0.1693	1.54E-3	8.55E-5	4.99E-5
	CC11	-0.1410	0.7615	-0.1873	1.70E-3	9.42E-5	8.70E-5
	CC12	-0.1141	0.7141	-0.1808	1.58E-3	8.79E-5	2.01E-4
	CC13	0.1165	-0.7250	-0.0037	-1.64E-3	-9.10E-5	-2.14E-4
	CC14	0.1434	-0.7724	0.0028	-1.75E-3	-9.73E-5	-9.97E-5
	CC15	-0.0533	-0.7348	-0.0152	-1.60E-3	-8.86E-5	-6.27E-5
	CC16	-0.0264	-0.7821	-0.0087	-1.71E-3	-9.49E-5	5.12E-5
667	CC1	0.2224	0.3516	-0.1684	1.21E-3	1.60E-28	-2.30E-4
	CC2	0.2296	0.3173	-0.1632	1.10E-3	1.60E-28	-2.01E-4
	CC3	0.2431	-0.0349	-0.1099	-1.33E-4	1.04E-28	-2.11E-4
	CC4	0.2503	-0.0692	-0.1048	-2.46E-4	1.04E-28	-1.81E-4
	CC5	-0.2477	0.0625	-0.1132	2.39E-4	-1.04E-28	1.85E-4
	CC6	-0.2406	0.0283	-0.1081	1.27E-4	-1.04E-28	2.14E-4
	CC7	-0.2270	-0.3239	-0.0548	-1.10E-3	-1.60E-28	2.04E-4
	CC8	-0.2198	-0.3582	-0.0497	-1.21E-3	-1.60E-28	2.34E-4
	CC9	0.0254	0.7409	-0.2232	2.56E-3	1.33E-28	-1.42E-4
	CC10	0.0491	0.6274	-0.2062	2.19E-3	1.33E-28	-4.46E-5
	CC11	-0.1157	0.6542	-0.2067	2.27E-3	5.44E-29	-1.75E-5
	CC12	-0.0919	0.5407	-0.1896	1.90E-3	5.44E-29	7.98E-5
	CC13	0.0945	-0.5473	-0.0284	-1.91E-3	-5.44E-29	-7.64E-5
	CC14	0.1182	-0.6608	-0.0114	-2.28E-3	-5.44E-29	2.09E-5
	CC15	-0.0465	-0.6340	-0.0119	-2.20E-3	-1.33E-28	4.80E-5
	CC16	-0.0228	-0.7475	0.0052	-2.57E-3	-1.33E-28	1.45E-4
668	CC1	0.2220	0.3679	-0.1704	1.24E-3	2.29E-28	-2.35E-4
	CC2	0.2292	0.3315	-0.1661	1.12E-3	2.29E-28	-2.05E-4
	CC3	0.2428	-0.0200	-0.1150	-8.39E-5	1.48E-28	-2.12E-4
	CC4	0.2499	-0.0564	-0.1106	-2.01E-4	1.48E-28	-1.82E-4
	CC5	-0.2472	0.0495	-0.1081	1.90E-4	-1.48E-28	1.84E-4
	CC6	-0.2401	0.0131	-0.1037	7.28E-5	-1.48E-28	2.14E-4
	CC7	-0.2265	-0.3384	-0.0526	-1.13E-3	-2.29E-28	2.07E-4
	CC8	-0.2193	-0.3747	-0.0483	-1.25E-3	-2.29E-28	2.37E-4
	CC9	0.0253	0.7510	-0.2183	2.54E-3	1.90E-28	-1.50E-4
	CC10	0.0490	0.6306	-0.2039	2.16E-3	1.90E-28	-5.15E-5
	CC11	-0.1154	0.6555	-0.1995	2.23E-3	7.73E-29	-2.47E-5

	CC12	-0.0917	0.5351	-0.1852	1.84E-3	7.73E-29	7.42E-5
	CC13	0.0945	-0.5419	-0.0335	-1.85E-3	-7.73E-29	-7.25E-5
	CC14	0.1181	-0.6623	-0.0191	-2.24E-3	-7.73E-29	2.64E-5
	CC15	-0.0463	-0.6374	-0.0148	-2.17E-3	-1.90E-28	5.32E-5
	CC16	-0.0226	-0.7579	-0.0004	-2.56E-3	-1.90E-28	1.52E-4
669	CC1	0.2225	0.3851	-0.1928	1.31E-3	3.14E-29	-2.51E-4
	CC2	0.2296	0.3465	-0.1892	1.18E-3	3.14E-29	-2.20E-4
	CC3	0.2433	-0.0050	-0.1401	-3.41E-5	2.03E-29	-2.13E-4
	CC4	0.2505	-0.0436	-0.1366	-1.60E-4	2.03E-29	-1.82E-4
	CC5	-0.2477	0.0367	-0.0827	1.48E-4	-2.03E-29	1.82E-4
	CC6	-0.2405	-0.0019	-0.0791	2.21E-5	-2.03E-29	2.13E-4
	CC7	-0.2268	-0.3534	-0.0300	-1.19E-3	-3.14E-29	2.20E-4
	CC8	-0.2197	-0.3919	-0.0265	-1.32E-3	-3.14E-29	2.51E-4
	CC9	0.0253	0.7628	-0.2197	2.61E-3	2.62E-29	-1.81E-4
	CC10	0.0490	0.6351	-0.2081	2.19E-3	2.62E-29	-7.62E-5
	CC11	-0.1158	0.6583	-0.1867	2.26E-3	1.07E-29	-5.07E-5
	CC12	-0.0920	0.5306	-0.1751	1.84E-3	1.07E-29	5.36E-5
	CC13	0.0948	-0.5375	-0.0442	-1.86E-3	-1.07E-29	-5.40E-5
	CC14	0.1186	-0.6652	-0.0325	-2.27E-3	-1.07E-29	5.04E-5
	CC15	-0.0463	-0.6420	-0.0111	-2.20E-3	-2.62E-29	7.59E-5
	CC16	-0.0225	-0.7697	0.0005	-2.62E-3	-2.62E-29	1.80E-4
670	CC1	0.2237	0.4032	-0.2178	1.42E-3	2.54E-28	-2.63E-4
	CC2	0.2309	0.3623	-0.2151	1.29E-3	2.54E-28	-2.30E-4
	CC3	0.2447	0.0100	-0.1679	2.07E-5	1.64E-28	-2.13E-4
	CC4	0.2519	-0.0309	-0.1653	-1.18E-4	1.64E-28	-1.80E-4
	CC5	-0.2490	0.0241	-0.0544	1.08E-4	-1.64E-28	1.78E-4
	CC6	-0.2418	-0.0168	-0.0517	-3.05E-5	-1.64E-28	2.11E-4
	CC7	-0.2280	-0.3691	-0.0046	-1.30E-3	-2.54E-28	2.28E-4
	CC8	-0.2208	-0.4100	-0.0019	-1.43E-3	-2.54E-28	2.61E-4
	CC9	0.0254	0.7764	-0.2219	2.76E-3	2.12E-28	-2.04E-4
	CC10	0.0493	0.6411	-0.2130	2.30E-3	2.12E-28	-9.55E-5
	CC11	-0.1164	0.6627	-0.1729	2.37E-3	8.65E-29	-7.16E-5
	CC12	-0.0925	0.5274	-0.1640	1.91E-3	8.65E-29	3.68E-5
	CC13	0.0954	-0.5342	-0.0557	-1.92E-3	-8.65E-29	-3.86E-5
	CC14	0.1194	-0.6695	-0.0468	-2.38E-3	-8.65E-29	6.98E-5
	CC15	-0.0464	-0.6479	-0.0067	-2.31E-3	-2.12E-28	9.37E-5
	CC16	-0.0224	-0.7832	0.0022	-2.77E-3	-2.12E-28	2.02E-4
671	CC1	0.2828	0.5130	-0.1889	9.17E-4	2.49E-28	-3.36E-4
	CC2	0.2921	0.4620	-0.1851	8.26E-4	2.49E-28	-2.95E-4
	CC3	0.3129	-0.0171	-0.1341	-7.52E-5	1.62E-28	-2.81E-4
	CC4	0.3221	-0.0681	-0.1302	-1.65E-4	1.62E-28	-2.39E-4
	CC5	-0.3182	0.0580	-0.0921	1.17E-4	-1.62E-28	2.36E-4
	CC6	-0.3089	0.0070	-0.0883	2.69E-5	-1.62E-28	2.77E-4
	CC7	-0.2881	-0.4721	-0.0372	-8.75E-4	-2.49E-28	2.91E-4
	CC8	-0.2789	-0.5231	-0.0334	-9.65E-4	-2.49E-28	3.32E-4
	CC9	0.0267	1.0311	-0.2234	1.90E-3	2.07E-28	-2.49E-4
	CC10	0.0573	0.8623	-0.2108	1.60E-3	2.07E-28	-1.10E-4
	CC11	-0.1536	0.8946	-0.1944	1.66E-3	8.37E-29	-7.72E-5
	CC12	-0.1230	0.7258	-0.1818	1.36E-3	8.37E-29	6.12E-5
	CC13	0.1269	-0.7359	-0.0406	-1.41E-3	-8.37E-29	-6.51E-5
	CC14	0.1575	-0.9047	-0.0279	-1.71E-3	-8.37E-29	7.33E-5
	CC15	-0.0534	-0.8724	-0.0115	-1.65E-3	-2.07E-28	1.06E-4
	CC16	-0.0228	-1.0412	0.0011	-1.95E-3	-2.07E-28	2.45E-4
672	CC1	0.2527	0.4551	-0.1912	1.18E-3	2.65E-28	-3.04E-4
	CC2	0.2610	0.4098	-0.1875	1.07E-3	2.65E-28	-2.66E-4
	CC3	0.2783	-0.0105	-0.1374	-5.51E-5	1.71E-28	-2.53E-4
	CC4	0.2865	-0.0558	-0.1338	-1.71E-4	1.71E-28	-2.15E-4
	CC5	-0.2832	0.0479	-0.0870	1.46E-4	-1.71E-28	2.14E-4
	CC6	-0.2750	0.0026	-0.0834	3.05E-5	-1.71E-28	2.52E-4
	CC7	-0.2576	-0.4177	-0.0333	-1.09E-3	-2.65E-28	2.66E-4
	CC8	-0.2494	-0.4630	-0.0296	-1.21E-3	-2.65E-28	3.04E-4
	CC9	0.0259	0.9082	-0.2217	2.40E-3	2.21E-28	-2.27E-4
	CC10	0.0531	0.7581	-0.2096	2.02E-3	2.21E-28	-1.02E-4
	CC11	-0.1349	0.7860	-0.1905	2.09E-3	9.03E-29	-7.19E-5
	CC12	-0.1077	0.6360	-0.1784	1.70E-3	9.03E-29	5.38E-5
	CC13	0.1110	-0.6439	-0.0425	-1.73E-3	-9.03E-29	-5.45E-5
	CC14	0.1382	-0.7940	-0.0304	-2.11E-3	-9.03E-29	7.12E-5
	CC15	-0.0497	-0.7661	-0.0112	-2.04E-3	-2.21E-28	1.01E-4
	CC16	-0.0225	-0.9161	0.0009	-2.42E-3	-2.21E-28	2.27E-4
673	CC1	0.2540	0.4806	-0.2196	1.27E-3	1.94E-28	-3.60E-4
	CC2	0.2623	0.4321	-0.2169	1.14E-3	1.94E-28	-3.16E-4
	CC3	0.2800	0.0090	-0.1690	-5.78E-6	1.26E-28	-2.57E-4

	CC4	0.2882	-0.0395	-0.1663	-1.31E-4	1.26E-28	-2.14E-4
	CC5	-0.2848	0.0318	-0.0551	1.10E-4	-1.26E-28	2.09E-4
	CC6	-0.2765	-0.0167	-0.0524	-1.56E-5	-1.26E-28	2.52E-4
	CC7	-0.2589	-0.4398	-0.0045	-1.16E-3	-1.94E-28	3.12E-4
	CC8	-0.2506	-0.4883	-0.0018	-1.29E-3	-1.94E-28	3.55E-4
	CC9	0.0256	0.9297	-0.2243	2.49E-3	1.62E-28	-3.30E-4
	CC10	0.0531	0.7692	-0.2153	2.08E-3	1.62E-28	-1.88E-4
	CC11	-0.1360	0.7950	-0.1749	2.14E-3	6.54E-29	-1.60E-4
	CC12	-0.1086	0.6346	-0.1660	1.73E-3	6.54E-29	-1.72E-5
	CC13	0.1120	-0.6423	-0.0554	-1.75E-3	-6.54E-29	1.26E-5
	CC14	0.1395	-0.8028	-0.0465	-2.17E-3	-6.54E-29	1.55E-4
	CC15	-0.0496	-0.7769	-0.0061	-2.10E-3	-1.62E-28	1.83E-4
	CC16	-0.0222	-0.9374	0.0029	-2.51E-3	-1.62E-28	3.26E-4
674	CC1	0.2839	0.5441	-0.2209	9.79E-4	8.67E-29	-4.03E-4
	CC2	0.2932	0.4894	-0.2182	8.81E-4	8.67E-29	-3.55E-4
	CC3	0.3143	0.0066	-0.1695	-3.82E-5	5.62E-29	-2.86E-4
	CC4	0.3236	-0.0482	-0.1668	-1.36E-4	5.62E-29	-2.38E-4
	CC5	-0.3196	0.0386	-0.0563	9.44E-5	-5.62E-29	2.29E-4
	CC6	-0.3102	-0.0162	-0.0536	-2.96E-6	-5.62E-29	2.77E-4
	CC7	-0.2891	-0.4989	-0.0049	-9.23E-4	-8.67E-29	3.47E-4
	CC8	-0.2798	-0.5537	-0.0022	-1.02E-3	-8.67E-29	3.95E-4
	CC9	0.0264	1.0576	-0.2264	1.97E-3	7.23E-29	-3.75E-4
	CC10	0.0572	0.8763	-0.2174	1.65E-3	7.23E-29	-2.15E-4
	CC11	-0.1546	0.9059	-0.1770	1.70E-3	2.94E-29	-1.85E-4
	CC12	-0.1238	0.7246	-0.1680	1.38E-3	2.94E-29	-2.50E-5
	CC13	0.1278	-0.7342	-0.0551	-1.42E-3	-2.94E-29	1.67E-5
	CC14	0.1587	-0.9155	-0.0461	-1.74E-3	-2.94E-29	1.76E-4
	CC15	-0.0532	-0.8858	-0.0057	-1.69E-3	-7.23E-29	2.06E-4
	CC16	-0.0223	-1.0672	0.0033	-2.01E-3	-7.23E-29	3.66E-4
675	CC1	0.1792	0.2875	-0.2113	1.20E-3	1.18E-28	-1.32E-4
	CC2	0.1849	0.2579	-0.2085	1.08E-3	1.18E-28	-1.13E-4
	CC3	0.1930	0.0094	-0.1623	1.10E-5	7.64E-29	-1.55E-4
	CC4	0.1987	-0.0202	-0.1595	-1.04E-4	7.64E-29	-1.37E-4
	CC5	-0.1966	0.0145	-0.0573	8.75E-5	-7.64E-29	1.38E-4
	CC6	-0.1909	-0.0151	-0.0545	-2.76E-5	-7.64E-29	1.56E-4
	CC7	-0.1827	-0.2636	-0.0084	-1.10E-3	-1.18E-28	1.15E-4
	CC8	-0.1770	-0.2932	-0.0056	-1.21E-3	-1.18E-28	1.33E-4
	CC9	0.0249	0.5506	-0.2177	2.32E-3	9.87E-29	-3.16E-5
	CC10	0.0437	0.4526	-0.2085	1.94E-3	9.87E-29	2.87E-5
	CC11	-0.0878	0.4687	-0.1715	1.99E-3	4.04E-29	4.92E-5
	CC12	-0.0690	0.3707	-0.1623	1.61E-3	4.04E-29	1.10E-4
	CC13	0.0712	-0.3764	-0.0545	-1.63E-3	-4.04E-29	-1.08E-4
	CC14	0.0900	-0.4744	-0.0454	-2.01E-3	-4.04E-29	-4.82E-5
	CC15	-0.0416	-0.4583	-0.0083	-1.96E-3	-9.87E-29	-2.76E-5
	CC16	-0.0227	-0.5563	0.0008	-2.34E-3	-9.87E-29	3.26E-5
676	CC1	0.1778	0.2776	-0.1878	1.12E-3	1.62E-28	-1.52E-4
	CC2	0.1835	0.2494	-0.1843	1.01E-3	1.62E-28	-1.32E-4
	CC3	0.1917	-0.0018	-0.1361	-3.20E-5	1.05E-28	-1.57E-4
	CC4	0.1974	-0.0300	-0.1325	-1.38E-4	1.05E-28	-1.36E-4
	CC5	-0.1954	0.0244	-0.0842	1.21E-4	-1.05E-28	1.36E-4
	CC6	-0.1897	-0.0039	-0.0806	1.48E-5	-1.05E-28	1.56E-4
	CC7	-0.1814	-0.2550	-0.0324	-1.03E-3	-1.62E-28	1.32E-4
	CC8	-0.1758	-0.2832	-0.0289	-1.13E-3	-1.62E-28	1.52E-4
	CC9	0.0244	0.5475	-0.2160	2.23E-3	1.35E-28	-6.93E-5
	CC10	0.0432	0.4541	-0.2042	1.88E-3	1.35E-28	-2.40E-6
	CC11	-0.0875	0.4715	-0.1849	1.93E-3	5.52E-29	1.72E-5
	CC12	-0.0688	0.3781	-0.1731	1.58E-3	5.52E-29	8.41E-5
	CC13	0.0708	-0.3837	-0.0436	-1.60E-3	-5.52E-29	-8.43E-5
	CC14	0.0896	-0.4772	-0.0318	-1.95E-3	-5.52E-29	-1.75E-5
	CC15	-0.0411	-0.4597	-0.0125	-1.90E-3	-1.35E-28	2.15E-6
	CC16	-0.0224	-0.5532	-0.0008	-2.25E-3	-1.35E-28	6.90E-5
677	CC1	0.1772	0.2651	-0.1675	1.07E-3	3.47E-29	-1.90E-4
	CC2	0.1829	0.2385	-0.1632	9.66E-4	3.47E-29	-1.67E-4
	CC3	0.1910	-0.0133	-0.1132	-7.54E-5	2.24E-29	-1.57E-4
	CC4	0.1967	-0.0399	-0.1089	-1.75E-4	2.24E-29	-1.34E-4
	CC5	-0.1947	0.0341	-0.1073	1.60E-4	-2.24E-29	1.31E-4
	CC6	-0.1891	0.0075	-0.1030	6.07E-5	-2.24E-29	1.55E-4
	CC7	-0.1809	-0.2442	-0.0530	-9.80E-4	-3.47E-29	1.64E-4
	CC8	-0.1753	-0.2708	-0.0487	-1.08E-3	-3.47E-29	1.88E-4
	CC9	0.0244	0.5397	-0.2147	2.19E-3	2.91E-29	-1.43E-4
	CC10	0.0431	0.4517	-0.2006	1.86E-3	2.91E-29	-6.56E-5
	CC11	-0.0872	0.4704	-0.1967	1.92E-3	1.19E-29	-4.66E-5

	CC12	-0.0685	0.3824	-0.1826	1.59E-3	1.19E-29	3.08E-5
	CC13	0.0705	-0.3881	-0.0337	-1.61E-3	-1.19E-29	-3.33E-5
	CC14	0.0891	-0.4762	-0.0195	-1.94E-3	-1.19E-29	4.41E-5
	CC15	-0.0411	-0.4574	-0.0156	-1.88E-3	-2.91E-29	6.31E-5
	CC16	-0.0225	-0.5455	-0.0015	-2.21E-3	-2.91E-29	1.40E-4
678	CC1	0.1771	0.2516	-0.1646	1.04E-3	1.18E-28	-2.06E-4
	CC2	0.1827	0.2267	-0.1596	9.46E-4	1.18E-28	-1.81E-4
	CC3	0.1907	-0.0238	-0.1078	-1.14E-4	7.65E-29	-1.56E-4
	CC4	0.1964	-0.0487	-0.1028	-2.10E-4	7.65E-29	-1.31E-4
	CC5	-0.1945	0.0427	-0.1126	2.00E-4	-7.65E-29	1.28E-4
	CC6	-0.1889	0.0178	-0.1076	1.04E-4	-7.65E-29	1.53E-4
	CC7	-0.1809	-0.2326	-0.0558	-9.56E-4	-1.18E-28	1.78E-4
	CC8	-0.1753	-0.2576	-0.0508	-1.05E-3	-1.18E-28	2.03E-4
	CC9	0.0246	0.5285	-0.2184	2.21E-3	9.86E-29	-1.76E-4
	CC10	0.0433	0.4460	-0.2020	1.89E-3	9.86E-29	-9.38E-5
	CC11	-0.0868	0.4659	-0.2028	1.95E-3	4.02E-29	-7.61E-5
	CC12	-0.0682	0.3834	-0.1864	1.64E-3	4.02E-29	6.54E-6
	CC13	0.0701	-0.3894	-0.0290	-1.65E-3	-4.02E-29	-9.80E-6
	CC14	0.0887	-0.4719	-0.0126	-1.96E-3	-4.02E-29	7.28E-5
	CC15	-0.0414	-0.4520	-0.0134	-1.90E-3	-9.86E-29	9.05E-5
	CC16	-0.0228	-0.5345	0.0030	-2.22E-3	-9.86E-29	1.73E-4
679	CC1	0.2521	0.4332	-0.1681	1.14E-3	2.23E-28	-2.70E-4
	CC2	0.2603	0.3906	-0.1635	1.03E-3	2.23E-28	-2.35E-4
	CC3	0.2775	-0.0283	-0.1113	-1.01E-4	1.44E-28	-2.49E-4
	CC4	0.2857	-0.0709	-0.1068	-2.11E-4	1.44E-28	-2.14E-4
	CC5	-0.2825	0.0631	-0.1134	1.87E-4	-1.44E-28	2.18E-4
	CC6	-0.2743	0.0205	-0.1089	7.70E-5	-1.44E-28	2.52E-4
	CC7	-0.2571	-0.3984	-0.0567	-1.06E-3	-2.23E-28	2.38E-4
	CC8	-0.2489	-0.4410	-0.0522	-1.17E-3	-2.23E-28	2.73E-4
	CC9	0.0260	0.8913	-0.2204	2.39E-3	1.86E-28	-1.63E-4
	CC10	0.0531	0.7504	-0.2054	2.02E-3	1.86E-28	-4.86E-5
	CC11	-0.1344	0.7803	-0.2040	2.10E-3	7.63E-29	-1.71E-5
	CC12	-0.1073	0.6393	-0.1890	1.74E-3	7.63E-29	9.76E-5
	CC13	0.1105	-0.6471	-0.0312	-1.76E-3	-7.63E-29	-9.42E-5
	CC14	0.1376	-0.7881	-0.0162	-2.12E-3	-7.63E-29	2.05E-5
	CC15	-0.0498	-0.7581	-0.0148	-2.05E-3	-1.86E-28	5.20E-5
	CC16	-0.0228	-0.8991	0.0002	-2.41E-3	-1.86E-28	1.67E-4
680	CC1	0.2802	0.4793	-0.1690	8.95E-4	9.82E-29	-2.84E-4
	CC2	0.2894	0.4325	-0.1640	8.08E-4	9.82E-29	-2.47E-4
	CC3	0.3098	-0.0422	-0.1100	-1.10E-4	6.39E-29	-2.75E-4
	CC4	0.3190	-0.0890	-0.1050	-1.98E-4	6.39E-29	-2.38E-4
	CC5	-0.3153	0.0794	-0.1165	1.44E-4	-6.39E-29	2.43E-4
	CC6	-0.3061	0.0326	-0.1115	5.65E-5	-6.39E-29	2.80E-4
	CC7	-0.2857	-0.4422	-0.0575	-8.62E-4	-9.82E-29	2.52E-4
	CC8	-0.2765	-0.4890	-0.0524	-9.49E-4	-9.82E-29	2.89E-4
	CC9	0.0267	1.0019	-0.2253	1.91E-3	8.16E-29	-1.52E-4
	CC10	0.0570	0.8470	-0.2086	1.62E-3	8.16E-29	-2.98E-5
	CC11	-0.1519	0.8820	-0.2096	1.68E-3	3.30E-29	6.11E-6
	CC12	-0.1216	0.7270	-0.1929	1.39E-3	3.30E-29	1.28E-4
	CC13	0.1253	-0.7367	-0.0286	-1.45E-3	-3.30E-29	-1.23E-4
	CC14	0.1556	-0.8916	-0.0119	-1.73E-3	-3.30E-29	-8.62E-7
	CC15	-0.0533	-0.8566	-0.0128	-1.67E-3	-8.16E-29	3.50E-5
	CC16	-0.0230	-1.0116	0.0039	-1.96E-3	-8.16E-29	1.57E-4
681	CC1	0.2484	0.4070	-0.1128	1.13E-3	1.63E-28	-2.36E-4
	CC2	0.2565	0.3675	-0.1075	1.02E-3	1.63E-28	-2.04E-4
	CC3	0.2732	-0.0427	-0.0533	-1.38E-4	1.06E-28	-2.48E-4
	CC4	0.2812	-0.0822	-0.0479	-2.45E-4	1.06E-28	-2.16E-4
	CC5	-0.2782	0.0750	-0.1715	2.24E-4	-1.06E-28	2.23E-4
	CC6	-0.2702	0.0355	-0.1661	1.18E-4	-1.06E-28	2.55E-4
	CC7	-0.2535	-0.3747	-0.1119	-1.04E-3	-1.63E-28	2.11E-4
	CC8	-0.2454	-0.4142	-0.1066	-1.15E-3	-1.63E-28	2.43E-4
	CC9	0.0259	0.8611	-0.2090	2.41E-3	1.36E-28	-9.82E-5
	CC10	0.0525	0.7303	-0.1914	2.06E-3	1.36E-28	7.22E-6
	CC11	-0.1321	0.7615	-0.2266	2.14E-3	5.51E-29	3.95E-5
	CC12	-0.1055	0.6307	-0.2090	1.79E-3	5.51E-29	1.45E-4
	CC13	0.1085	-0.6380	-0.0104	-1.81E-3	-5.51E-29	-1.38E-4
	CC14	0.1351	-0.7687	0.0072	-2.16E-3	-5.51E-29	-3.26E-5
	CC15	-0.0495	-0.7376	-0.0280	-2.08E-3	-1.36E-28	-3.00E-7
	CC16	-0.0229	-0.8683	-0.0104	-2.43E-3	-1.36E-28	1.05E-4
682	CC1	0.3312	0.6483	-0.1379	5.04E-29	-6.26E-4	-3.04E-4
	CC2	0.3196	0.5790	-0.1409	5.04E-29	-6.03E-4	-2.66E-4
	CC3	0.3353	0.1344	-0.1508	3.28E-29	-6.54E-4	-2.49E-4

	CC4	0.3237	0.0651	-0.1538	3.28E-29	-6.31E-4	-2.11E-4
	CC5	-0.3193	-0.0729	-0.0652	-3.28E-29	6.41E-4	2.15E-4
	CC6	-0.3308	-0.1422	-0.0682	-3.28E-29	6.65E-4	2.53E-4
	CC7	-0.3152	-0.5868	-0.0782	-5.04E-29	6.13E-4	2.70E-4
	CC8	-0.3267	-0.6561	-0.0811	-5.04E-29	6.37E-4	3.08E-4
	CC9	0.1120	1.0754	-0.0939	4.19E-29	-1.77E-4	-2.31E-4
	CC10	0.0739	0.8460	-0.1039	4.19E-29	-9.90E-5	-1.04E-4
	CC11	-0.0831	0.8591	-0.0721	1.69E-29	2.03E-4	-7.57E-5
	CC12	-0.1213	0.6296	-0.0821	1.69E-29	2.81E-4	5.13E-5
	CC13	0.1257	-0.6375	-0.1370	-1.69E-29	-2.71E-4	-4.74E-5
	CC14	0.0875	-0.8669	-0.1469	-1.69E-29	-1.92E-4	7.96E-5
	CC15	-0.0694	-0.8538	-0.1152	-4.19E-29	1.10E-4	1.08E-4
	CC16	-0.1076	-1.0833	-0.1251	-4.19E-29	1.88E-4	2.35E-4
683	CC1	0.2740	0.5131	-0.1459	3.18E-29	-6.80E-4	-2.51E-4
	CC2	0.2647	0.4578	-0.1477	3.18E-29	-6.52E-4	-2.19E-4
	CC3	0.2767	0.1118	-0.1399	2.06E-29	-6.85E-4	-2.10E-4
	CC4	0.2674	0.0565	-0.1418	2.06E-29	-6.56E-4	-1.78E-4
	CC5	-0.2630	-0.0631	-0.0751	-2.06E-29	6.49E-4	1.81E-4
	CC6	-0.2723	-0.1184	-0.0769	-2.06E-29	6.77E-4	2.13E-4
	CC7	-0.2603	-0.4644	-0.0691	-3.18E-29	6.44E-4	2.22E-4
	CC8	-0.2696	-0.5198	-0.0709	-3.18E-29	6.73E-4	2.54E-4
	CC9	0.0936	0.8436	-0.1259	2.65E-29	-2.42E-4	-1.84E-4
	CC10	0.0628	0.6605	-0.1320	2.65E-29	-1.49E-4	-7.87E-5
	CC11	-0.0675	0.6708	-0.1047	1.08E-29	1.57E-4	-5.42E-5
	CC12	-0.0983	0.4876	-0.1107	1.08E-29	2.50E-4	5.08E-5
	CC13	0.1027	-0.4942	-0.1061	-1.08E-29	-2.57E-4	-4.78E-5
	CC14	0.0719	-0.6774	-0.1121	-1.08E-29	-1.64E-4	5.72E-5
	CC15	-0.0584	-0.6671	-0.0849	-2.65E-29	1.41E-4	8.18E-5
	CC16	-0.0892	-0.8502	-0.0909	-2.65E-29	2.35E-4	1.87E-4
684	CC1	0.2182	0.3830	-0.1360	5.59E-29	-6.34E-4	-1.95E-4
	CC2	0.2112	0.3411	-0.1385	5.59E-29	-6.09E-4	-1.70E-4
	CC3	0.2158	0.0898	-0.1467	3.64E-29	-6.38E-4	-1.70E-4
	CC4	0.2088	0.0480	-0.1492	3.64E-29	-6.13E-4	-1.45E-4
	CC5	-0.2049	-0.0534	-0.0646	-3.64E-29	6.12E-4	1.47E-4
	CC6	-0.2119	-0.0953	-0.0671	-3.64E-29	6.37E-4	1.72E-4
	CC7	-0.2073	-0.3466	-0.0753	-5.59E-29	6.09E-4	1.72E-4
	CC8	-0.2143	-0.3884	-0.0779	-5.59E-29	6.34E-4	1.97E-4
	CC9	0.0810	0.6206	-0.0956	4.64E-29	-2.23E-4	-1.33E-4
	CC10	0.0578	0.4821	-0.1039	4.64E-29	-1.39E-4	-5.06E-5
	CC11	-0.0459	0.4897	-0.0742	1.87E-29	1.51E-4	-3.04E-5
	CC12	-0.0691	0.3511	-0.0825	1.87E-29	2.35E-4	5.19E-5
	CC13	0.0730	-0.3566	-0.1313	-1.87E-29	-2.35E-4	-4.98E-5
	CC14	0.0499	-0.4951	-0.1396	-1.87E-29	-1.51E-4	3.25E-5
	CC15	-0.0539	-0.4875	-0.1099	-4.64E-29	1.39E-4	5.27E-5
	CC16	-0.0771	-0.6261	-0.1182	-4.64E-29	2.23E-4	1.35E-4
685	CC1	0.2085	0.3833	-0.1385	2.32E-29	-5.84E-4	-1.97E-4
	CC2	0.2038	0.3415	-0.1395	2.32E-29	-5.71E-4	-1.72E-4
	CC3	0.2128	0.0903	-0.1534	1.50E-29	-6.28E-4	-1.66E-4
	CC4	0.2081	0.0485	-0.1544	1.50E-29	-6.15E-4	-1.41E-4
	CC5	-0.2035	-0.0532	-0.0579	-1.50E-29	6.10E-4	1.42E-4
	CC6	-0.2083	-0.0951	-0.0589	-1.50E-29	6.23E-4	1.67E-4
	CC7	-0.1993	-0.3462	-0.0728	-2.32E-29	5.66E-4	1.73E-4
	CC8	-0.2040	-0.3881	-0.0738	-2.32E-29	5.79E-4	1.98E-4
	CC9	0.0648	0.6207	-0.0917	1.93E-29	-1.30E-4	-1.43E-4
	CC10	0.0491	0.4822	-0.0951	1.93E-29	-8.69E-5	-6.07E-5
	CC11	-0.0588	0.4898	-0.0675	7.83E-3	2.28E-4	-4.13E-5
	CC12	-0.0745	0.3512	-0.0709	7.83E-3	2.71E-4	4.08E-5
	CC13	0.0791	-0.3560	-0.1414	-7.83E-3	-2.76E-4	-3.97E-5
	CC14	0.0633	-0.4945	-0.1448	-7.83E-3	-2.33E-4	4.24E-5
	CC15	-0.0446	-0.4869	-0.1173	-1.93E-29	8.18E-5	6.19E-5
	CC16	-0.0603	-0.6255	-0.1206	-1.93E-29	1.25E-4	1.44E-4
686	CC1	0.2622	0.5138	-0.1346	6.51E-29	-6.21E-4	-2.51E-4
	CC2	0.2563	0.4584	-0.1366	6.51E-29	-6.08E-4	-2.19E-4
	CC3	0.2710	0.1119	-0.1585	4.20E-29	-6.76E-4	-2.10E-4
	CC4	0.2651	0.0565	-0.1604	4.20E-29	-6.63E-4	-1.79E-4
	CC5	-0.2600	-0.0633	-0.0547	-4.20E-29	6.58E-4	1.79E-4
	CC6	-0.2659	-0.1187	-0.0567	-4.20E-29	6.70E-4	2.10E-4
	CC7	-0.2512	-0.4652	-0.0785	-6.51E-29	6.03E-4	2.20E-4
	CC8	-0.2571	-0.5206	-0.0805	-6.51E-29	6.15E-4	2.51E-4
	CC9	0.0761	0.8447	-0.0766	5.46E-29	-1.24E-4	-1.85E-4
	CC10	0.0564	0.6613	-0.0831	5.46E-29	-8.16E-5	-8.02E-5
	CC11	-0.0805	0.6716	-0.0526	2.24E-29	2.60E-4	-5.56E-5

	CC12	-0.1003	0.4882	-0.0591	2.24E-29	3.02E-4	4.87E-5
	CC13	0.1054	-0.4950	-0.1560	-2.24E-29	-3.07E-4	-4.85E-5
	CC14	0.0856	-0.6784	-0.1625	-2.24E-29	-2.65E-4	5.58E-5
	CC15	-0.0513	-0.6681	-0.1320	-5.46E-29	7.61E-5	8.04E-5
	CC16	-0.0710	-0.8515	-0.1386	-5.46E-29	1.18E-4	1.85E-4
687	CC1	0.3164	0.6490	-0.1414	5.59E-29	-6.05E-4	-3.03E-4
	CC2	0.3091	0.5795	-0.1423	5.59E-29	-5.89E-4	-2.65E-4
	CC3	0.3284	0.1341	-0.1564	3.62E-29	-6.24E-4	-2.53E-4
	CC4	0.3211	0.0646	-0.1573	3.62E-29	-6.08E-4	-2.15E-4
	CC5	-0.3161	-0.0737	-0.0600	-3.62E-29	6.19E-4	2.16E-4
	CC6	-0.3234	-0.1431	-0.0609	-3.62E-29	6.35E-4	2.54E-4
	CC7	-0.3042	-0.5886	-0.0750	-5.59E-29	6.00E-4	2.66E-4
	CC8	-0.3115	-0.6580	-0.0759	-5.59E-29	6.16E-4	3.04E-4
	CC9	0.0895	1.0770	-0.0944	4.67E-29	-1.74E-4	-2.24E-4
	CC10	0.0653	0.8471	-0.0973	4.67E-29	-1.20E-4	-9.78E-5
	CC11	-0.1002	0.8602	-0.0700	1.91E-29	1.93E-4	-6.84E-5
	CC12	-0.1244	0.6303	-0.0729	1.91E-29	2.47E-4	5.78E-5
	CC13	0.1294	-0.6394	-0.1444	-1.91E-29	-2.36E-4	-5.67E-5
	CC14	0.1052	-0.8692	-0.1473	-1.91E-29	-1.82E-4	6.95E-5
	CC15	-0.0604	-0.8562	-0.1200	-4.67E-29	1.31E-4	9.90E-5
	CC16	-0.0846	-1.0860	-0.1229	-4.67E-29	1.85E-4	2.25E-4
688	CC1	0.2272	0.4047	-0.1417	1.43E-3	-1.63E-4	-3.08E-4
	CC2	0.2177	0.3602	-0.1556	1.28E-3	-1.46E-4	-2.72E-4
	CC3	0.2242	0.1052	-0.2542	2.94E-4	-3.36E-5	-1.85E-4
	CC4	0.2147	0.0607	-0.2681	1.44E-4	-1.65E-5	-1.49E-4
	CC5	-0.2101	-0.0665	0.0531	-1.61E-4	1.84E-5	1.42E-4
	CC6	-0.2197	-0.1110	0.0392	-3.10E-4	3.54E-5	1.78E-4
	CC7	-0.2131	-0.3660	-0.0594	-1.30E-3	1.48E-4	2.66E-4
	CC8	-0.2226	-0.4105	-0.0733	-1.45E-3	1.65E-4	3.02E-4
	CC9	0.0887	0.6406	0.0739	2.37E-3	-2.71E-4	-3.36E-4
	CC10	0.0571	0.4932	0.0278	1.87E-3	-2.14E-4	-2.17E-4
	CC11	-0.0425	0.4992	0.1323	1.89E-3	-2.16E-4	-2.01E-4
	CC12	-0.0741	0.3518	0.0862	1.40E-3	-1.60E-4	-8.21E-5
	CC13	0.0787	-0.3577	-0.3012	-1.41E-3	1.62E-4	7.57E-5
	CC14	0.0471	-0.5051	-0.3473	-1.91E-3	2.18E-4	1.95E-4
	CC15	-0.0525	-0.4990	-0.2428	-1.89E-3	2.16E-4	2.11E-4
	CC16	-0.0841	-0.6464	-0.2889	-2.39E-3	2.73E-4	3.30E-4
689	CC1	0.2857	0.5369	-0.1438	1.57E-3	-1.80E-4	-2.64E-4
	CC2	0.2733	0.4787	-0.1589	1.41E-3	-1.61E-4	-2.32E-4
	CC3	0.2821	0.1303	-0.2664	3.14E-4	-3.59E-5	-2.09E-4
	CC4	0.2698	0.0720	-0.2814	1.50E-4	-1.71E-5	-1.76E-4
	CC5	-0.2652	-0.0790	0.0639	-1.60E-4	1.83E-5	1.73E-4
	CC6	-0.2776	-0.1373	0.0489	-3.25E-4	3.71E-5	2.06E-4
	CC7	-0.2687	-0.4857	-0.0586	-1.42E-3	1.62E-4	2.29E-4
	CC8	-0.2811	-0.5439	-0.0737	-1.58E-3	1.81E-4	2.61E-4
	CC9	0.1112	0.8630	0.0892	2.62E-3	-3.00E-4	-2.14E-4
	CC10	0.0703	0.6702	0.0394	2.08E-3	-2.37E-4	-1.06E-4
	CC11	-0.0540	0.6782	0.1516	2.10E-3	-2.40E-4	-8.26E-5
	CC12	-0.0950	0.4854	0.1017	1.56E-3	-1.78E-4	2.52E-5
	CC13	0.0995	-0.4924	-0.3192	-1.57E-3	1.79E-4	-2.85E-5
	CC14	0.0586	-0.6852	-0.3691	-2.11E-3	2.41E-4	7.94E-5
	CC15	-0.0657	-0.6772	-0.2569	-2.09E-3	2.39E-4	1.03E-4
	CC16	-0.1067	-0.8700	-0.3067	-2.63E-3	3.01E-4	2.11E-4
690	CC1	0.3437	0.6725	-0.1461	1.51E-3	-1.73E-4	-2.03E-4
	CC2	0.3285	0.6001	-0.1619	1.35E-3	-1.54E-4	-1.75E-4
	CC3	0.3403	0.1558	-0.2752	3.04E-4	-3.48E-5	-2.32E-4
	CC4	0.3251	0.0834	-0.2910	1.45E-4	-1.65E-5	-2.04E-4
	CC5	-0.3211	-0.0917	0.0714	-1.66E-4	1.90E-5	2.07E-4
	CC6	-0.3363	-0.1641	0.0556	-3.25E-4	3.72E-5	2.35E-4
	CC7	-0.3245	-0.6084	-0.0576	-1.37E-3	1.57E-4	1.78E-4
	CC8	-0.3397	-0.6808	-0.0735	-1.53E-3	1.75E-4	2.06E-4
	CC9	0.1326	1.0915	0.0989	2.51E-3	-2.87E-4	-5.83E-5
	CC10	0.0823	0.8517	0.0465	1.99E-3	-2.27E-4	3.46E-5
	CC11	-0.0669	0.8622	0.1642	2.01E-3	-2.30E-4	6.49E-5
	CC12	-0.1171	0.6225	0.1118	1.48E-3	-1.70E-4	1.58E-4
	CC13	0.1211	-0.6308	-0.3313	-1.50E-3	1.72E-4	-1.55E-4
	CC14	0.0708	-0.8705	-0.3837	-2.03E-3	2.32E-4	-6.19E-5
	CC15	-0.0783	-0.8600	-0.2661	-2.01E-3	2.29E-4	-3.16E-5
	CC16	-0.1286	-1.0998	-0.3185	-2.53E-3	2.90E-4	6.13E-5
691	CC1	0.2027	0.4045	-0.2596	1.40E-3	-1.43E-4	-2.52E-4
	CC2	0.2002	0.3601	-0.2481	1.25E-3	-1.28E-4	-2.22E-4
	CC3	0.2102	0.1070	-0.1820	2.78E-4	-2.84E-5	-1.71E-4

	CC4	0.2077	0.0625	-0.1705	1.32E-4	-1.35E-5	-1.41E-4
	CC5	-0.2024	-0.0671	-0.0401	-1.52E-4	1.56E-5	1.44E-4
	CC6	-0.2050	-0.1115	-0.0286	-2.98E-4	3.05E-5	1.74E-4
	CC7	-0.1949	-0.3646	0.0375	-1.27E-3	1.30E-4	2.25E-4
	CC8	-0.1975	-0.4091	0.0490	-1.42E-3	1.45E-4	2.55E-4
	CC9	0.0552	0.6380	-0.2865	2.33E-3	-2.38E-4	-2.44E-4
	CC10	0.0467	0.4908	-0.2485	1.84E-3	-1.89E-4	-1.43E-4
	CC11	-0.0664	0.4965	-0.2207	1.86E-3	-1.91E-4	-1.25E-4
	CC12	-0.0749	0.3493	-0.1826	1.38E-3	-1.41E-4	-2.38E-5
	CC13	0.0801	-0.3538	-0.0279	-1.40E-3	1.43E-4	2.68E-5
	CC14	0.0717	-0.5011	0.0102	-1.88E-3	1.93E-4	1.28E-4
	CC15	-0.0414	-0.4953	0.0379	-1.87E-3	1.91E-4	1.46E-4
	CC16	-0.0499	-0.6425	0.0760	-2.35E-3	2.40E-4	2.47E-4
692	CC1	0.2541	0.5383	-0.2686	1.59E-3	-1.63E-4	-2.35E-4
	CC2	0.2508	0.4799	-0.2562	1.43E-3	-1.46E-4	-2.05E-4
	CC3	0.2653	0.1324	-0.1844	3.03E-4	-3.10E-5	-2.02E-4
	CC4	0.2619	0.0740	-0.1720	1.36E-4	-1.39E-5	-1.73E-4
	CC5	-0.2564	-0.0805	-0.0406	-1.60E-4	1.63E-5	1.74E-4
	CC6	-0.2598	-0.1390	-0.0282	-3.27E-4	3.34E-5	2.04E-4
	CC7	-0.2453	-0.4865	0.0437	-1.45E-3	1.48E-4	2.07E-4
	CC8	-0.2487	-0.5449	0.0561	-1.62E-3	1.65E-4	2.37E-4
	CC9	0.0663	0.8628	-0.3014	2.68E-3	-2.74E-4	-1.64E-4
	CC10	0.0551	0.6694	-0.2604	2.13E-3	-2.17E-4	-6.62E-5
	CC11	-0.0869	0.6771	-0.2330	2.15E-3	-2.20E-4	-4.13E-5
	CC12	-0.0980	0.4838	-0.1919	1.60E-3	-1.64E-4	5.66E-5
	CC13	0.1035	-0.4903	-0.0206	-1.62E-3	1.66E-4	-5.49E-5
	CC14	0.0923	-0.6837	0.0204	-2.18E-3	2.23E-4	4.31E-5
	CC15	-0.0497	-0.6760	0.0478	-2.15E-3	2.20E-4	6.79E-5
	CC16	-0.0609	-0.8694	0.0888	-2.70E-3	2.76E-4	1.66E-4
693	CC1	0.3058	0.6765	-0.2747	1.51E-3	-1.54E-4	-2.23E-4
	CC2	0.3015	0.6036	-0.2617	1.35E-3	-1.38E-4	-1.93E-4
	CC3	0.3200	0.1584	-0.1855	2.93E-4	-2.99E-5	-2.40E-4
	CC4	0.3157	0.0855	-0.1724	1.34E-4	-1.37E-5	-2.10E-4
	CC5	-0.3107	-0.0939	-0.0418	-1.54E-4	1.57E-5	2.04E-4
	CC6	-0.3150	-0.1668	-0.0287	-3.12E-4	3.19E-5	2.33E-4
	CC7	-0.2965	-0.6121	0.0475	-1.37E-3	1.40E-4	1.87E-4
	CC8	-0.3008	-0.6850	0.0605	-1.52E-3	1.56E-4	2.16E-4
	CC9	0.0784	1.0956	-0.3124	2.52E-3	-2.58E-4	-8.78E-5
	CC10	0.0642	0.8543	-0.2692	2.00E-3	-2.04E-4	9.91E-6
	CC11	-0.1066	0.8645	-0.2425	2.02E-3	-2.07E-4	4.02E-5
	CC12	-0.1207	0.6231	-0.1993	1.50E-3	-1.53E-4	1.38E-4
	CC13	0.1257	-0.6316	-0.0149	-1.52E-3	1.55E-4	-1.44E-4
	CC14	0.1115	-0.8730	0.0283	-2.04E-3	2.09E-4	-4.67E-5
	CC15	-0.0592	-0.8627	0.0550	-2.02E-3	2.06E-4	-1.64E-5
	CC16	-0.0734	-1.1041	0.0982	-2.54E-3	2.60E-4	8.13E-5
694	CC1	0.2695	0.1642	-0.0610	3.98E-4	3.95E-29	-3.40E-4
	CC2	0.2775	0.1557	-0.0581	3.76E-4	3.95E-29	-3.00E-4
	CC3	0.2949	-0.2787	0.0017	-5.85E-4	2.57E-29	-2.33E-4
	CC4	0.3030	-0.2872	0.0046	-6.07E-4	2.57E-29	-1.94E-4
	CC5	-0.3008	0.2741	-0.1867	5.58E-4	-2.57E-29	1.75E-4
	CC6	-0.2927	0.2656	-0.1838	5.36E-4	-2.57E-29	2.14E-4
	CC7	-0.2754	-0.1689	-0.1240	-4.25E-4	-3.95E-29	2.81E-4
	CC8	-0.2673	-0.1774	-0.1211	-4.47E-4	-3.95E-29	3.20E-4
	CC9	0.0309	0.7293	-0.1814	1.63E-3	3.28E-29	-3.29E-4
	CC10	0.0576	0.7011	-0.1718	1.55E-3	3.28E-29	-1.98E-4
	CC11	-0.1402	0.7622	-0.2191	1.67E-3	1.33E-29	-1.75E-4
	CC12	-0.1135	0.7341	-0.2095	1.60E-3	1.33E-29	-4.40E-5
	CC13	0.1156	-0.7472	0.0274	-1.65E-3	-1.33E-29	2.47E-5
	CC14	0.1424	-0.7753	0.0371	-1.72E-3	-1.33E-29	1.56E-4
	CC15	-0.0554	-0.7142	-0.0103	-1.60E-3	-3.28E-29	1.79E-4
	CC16	-0.0287	-0.7424	-0.0007	-1.67E-3	-3.28E-29	3.10E-4
695	CC1	0.2254	0.1224	-0.0657	4.67E-4	2.24E-28	-2.50E-4
	CC2	0.2322	0.1163	-0.0631	4.40E-4	2.24E-28	-2.19E-4
	CC3	0.2430	-0.2294	-0.0040	-6.19E-4	1.45E-28	-2.19E-4
	CC4	0.2498	-0.2355	-0.0014	-6.46E-4	1.45E-28	-1.88E-4
	CC5	-0.2486	0.2253	-0.1794	6.23E-4	-1.45E-28	1.79E-4
	CC6	-0.2419	0.2193	-0.1768	5.96E-4	-1.45E-28	2.10E-4
	CC7	-0.2311	-0.1264	-0.1177	-4.64E-4	-2.24E-28	2.09E-4
	CC8	-0.2243	-0.1325	-0.1151	-4.91E-4	-2.24E-28	2.40E-4
	CC9	0.0312	0.5758	-0.1804	1.82E-3	1.87E-28	-1.72E-4
	CC10	0.0535	0.5557	-0.1719	1.73E-3	1.87E-28	-6.89E-5
	CC11	-0.1110	0.6067	-0.2145	1.87E-3	7.64E-29	-4.33E-5



	CC12	-0.0888	0.5866	-0.2060	1.78E-3	7.64E-29	5.97E-5
	CC13	0.0899	-0.5968	0.0252	-1.80E-3	-7.64E-29	-6.94E-5
	CC14	0.1121	-0.6168	0.0337	-1.89E-3	-7.64E-29	3.36E-5
	CC15	-0.0524	-0.5659	-0.0089	-1.75E-3	-1.87E-28	5.92E-5
	CC16	-0.0301	-0.5859	-0.0004	-1.84E-3	-1.87E-28	1.62E-4
696	CC1	0.1812	0.0822	-0.0678	3.75E-4	7.79E-29	-1.60E-4
	CC2	0.1866	0.0785	-0.0654	3.54E-4	7.79E-29	-1.38E-4
	CC3	0.1927	-0.1804	-0.0094	-5.49E-4	5.04E-29	-2.01E-4
	CC4	0.1980	-0.1841	-0.0070	-5.70E-4	5.04E-29	-1.79E-4
	CC5	-0.1977	0.1766	-0.1724	5.32E-4	-5.04E-29	1.82E-4
	CC6	-0.1923	0.1729	-0.1700	5.11E-4	-5.04E-29	2.04E-4
	CC7	-0.1862	-0.0860	-0.1140	-3.91E-4	-7.79E-29	1.41E-4
	CC8	-0.1809	-0.0897	-0.1116	-4.12E-4	-7.79E-29	1.63E-4
	CC9	0.0291	0.4259	-0.1754	1.53E-3	6.51E-29	-1.89E-5
	CC10	0.0468	0.4136	-0.1675	1.46E-3	6.51E-29	5.52E-5
	CC11	-0.0846	0.4542	-0.2068	1.58E-3	2.66E-29	8.37E-5
	CC12	-0.0669	0.4419	-0.1989	1.51E-3	2.66E-29	1.58E-4
	CC13	0.0672	-0.4495	0.0195	-1.55E-3	-2.66E-29	-1.55E-4
	CC14	0.0849	-0.4618	0.0274	-1.62E-3	-2.66E-29	-8.07E-5
	CC15	-0.0465	-0.4212	-0.0119	-1.50E-3	-6.51E-29	-5.22E-5
	CC16	-0.0288	-0.4334	-0.0040	-1.57E-3	-6.51E-29	2.19E-5
697	CC1	0.2722	0.1424	-0.0526	3.65E-4	1.12E-28	-3.20E-4
	CC2	0.2804	0.1365	-0.0496	3.48E-4	1.12E-28	-2.81E-4
	CC3	0.2967	-0.2941	0.0214	-6.25E-4	7.20E-29	-2.40E-4
	CC4	0.3049	-0.3000	0.0245	-6.42E-4	7.20E-29	-2.01E-4
	CC5	-0.3028	0.2858	-0.2054	5.97E-4	-7.20E-29	1.89E-4
	CC6	-0.2946	0.2799	-0.2023	5.80E-4	-7.20E-29	2.28E-4
	CC7	-0.2783	-0.1507	-0.1314	-3.94E-4	-1.12E-28	2.69E-4
	CC8	-0.2701	-0.1566	-0.1283	-4.11E-4	-1.12E-28	3.08E-4
	CC9	0.0329	0.7086	-0.1960	1.62E-3	9.36E-29	-2.80E-4
	CC10	0.0601	0.6892	-0.1858	1.57E-3	9.36E-29	-1.51E-4
	CC11	-0.1395	0.7516	-0.2418	1.69E-3	3.85E-29	-1.27E-4
	CC12	-0.1124	0.7322	-0.2317	1.63E-3	3.85E-29	1.27E-6
	CC13	0.1145	-0.7464	0.0507	-1.68E-3	-3.85E-29	-1.30E-5
	CC14	0.1416	-0.7658	0.0609	-1.74E-3	-3.85E-29	1.15E-4
	CC15	-0.0580	-0.7034	0.0049	-1.61E-3	-9.36E-29	1.40E-4
	CC16	-0.0308	-0.7228	0.0151	-1.67E-3	-9.36E-29	2.68E-4
698	CC1	0.2274	0.1042	-0.0553	3.78E-4	1.62E-28	-2.44E-4
	CC2	0.2342	0.1004	-0.0525	3.59E-4	1.62E-28	-2.13E-4
	CC3	0.2445	-0.2450	0.0184	-6.21E-4	1.05E-28	-2.03E-4
	CC4	0.2513	-0.2488	0.0212	-6.40E-4	1.05E-28	-1.73E-4
	CC5	-0.2503	0.2381	-0.2011	6.02E-4	-1.05E-28	1.68E-4
	CC6	-0.2434	0.2343	-0.1982	5.83E-4	-1.05E-28	1.98E-4
	CC7	-0.2332	-0.1111	-0.1274	-3.97E-4	-1.62E-28	2.08E-4
	CC8	-0.2264	-0.1149	-0.1245	-4.16E-4	-1.62E-28	2.39E-4
	CC9	0.0324	0.5628	-0.1956	1.64E-3	1.36E-28	-1.82E-4
	CC10	0.0549	0.5503	-0.1862	1.58E-3	1.36E-28	-8.12E-5
	CC11	-0.1109	0.6030	-0.2393	1.71E-3	5.55E-29	-5.84E-5
	CC12	-0.0884	0.5905	-0.2299	1.65E-3	5.55E-29	4.23E-5
	CC13	0.0894	-0.6011	0.0501	-1.69E-3	-5.55E-29	-4.72E-5
	CC14	0.1119	-0.6136	0.0595	-1.75E-3	-5.55E-29	5.35E-5
	CC15	-0.0539	-0.5610	0.0063	-1.62E-3	-1.36E-28	7.63E-5
	CC16	-0.0314	-0.5735	0.0158	-1.68E-3	-1.36E-28	1.77E-4
699	CC1	0.1823	0.0683	-0.0557	3.38E-4	1.06E-28	-1.87E-4
	CC2	0.1877	0.0665	-0.0530	3.22E-4	1.06E-28	-1.63E-4
	CC3	0.1936	-0.1952	0.0144	-6.01E-4	6.87E-29	-1.65E-4
	CC4	0.1990	-0.1970	0.0171	-6.17E-4	6.87E-29	-1.41E-4
	CC5	-0.1988	0.1895	-0.1957	5.81E-4	-6.87E-29	1.40E-4
	CC6	-0.1935	0.1877	-0.1929	5.65E-4	-6.87E-29	1.64E-4
	CC7	-0.1876	-0.0739	-0.1256	-3.58E-4	-1.06E-28	1.61E-4
	CC8	-0.1822	-0.0758	-0.1228	-3.74E-4	-1.06E-28	1.85E-4
	CC9	0.0295	0.4203	-0.1897	1.54E-3	8.85E-29	-1.25E-4
	CC10	0.0473	0.4142	-0.1806	1.48E-3	8.85E-29	-4.65E-5
	CC11	-0.0848	0.4566	-0.2317	1.61E-3	3.61E-29	-2.72E-5
	CC12	-0.0670	0.4506	-0.2226	1.56E-3	3.61E-29	5.14E-5
	CC13	0.0672	-0.4580	0.0440	-1.59E-3	-3.61E-29	-5.30E-5
	CC14	0.0850	-0.4641	0.0531	-1.65E-3	-3.61E-29	2.56E-5
	CC15	-0.0472	-0.4217	0.0021	-1.52E-3	-8.85E-29	4.50E-5
	CC16	-0.0294	-0.4277	0.0111	-1.57E-3	-8.85E-29	1.24E-4
700	CC1	0.2734	0.1208	-0.0480	3.16E-4	1.38E-28	-2.98E-4
	CC2	0.2817	0.1176	-0.0449	3.05E-4	1.38E-28	-2.61E-4
	CC3	0.2974	-0.3107	0.0430	-6.62E-4	8.93E-29	-2.35E-4

	CC4	0.3056	-0.3139	0.0461	-6.73E-4	8.93E-29	-1.98E-4
	CC5	-0.3036	0.2992	-0.2260	6.25E-4	-8.93E-29	1.95E-4
	CC6	-0.2953	0.2960	-0.2229	6.14E-4	-8.93E-29	2.32E-4
	CC7	-0.2796	-0.1323	-0.1350	-3.53E-4	-1.38E-28	2.57E-4
	CC8	-0.2714	-0.1355	-0.1319	-3.63E-4	-1.38E-28	2.95E-4
	CC9	0.0340	0.6903	-0.2200	1.58E-3	1.16E-28	-2.42E-4
	CC10	0.0613	0.6797	-0.2098	1.54E-3	1.16E-28	-1.19E-4
	CC11	-0.1391	0.7438	-0.2734	1.67E-3	4.73E-29	-9.40E-5
	CC12	-0.1118	0.7332	-0.2632	1.63E-3	4.73E-29	2.91E-5
	CC13	0.1138	-0.7480	0.0833	-1.68E-3	-4.73E-29	-3.26E-5
	CC14	0.1412	-0.7586	0.0935	-1.72E-3	-4.73E-29	9.05E-5
	CC15	-0.0593	-0.6944	0.0299	-1.59E-3	-1.16E-28	1.15E-4
	CC16	-0.0319	-0.7050	0.0401	-1.62E-3	-1.16E-28	2.38E-4
701	CC1	0.2282	0.0848	-0.0445	3.16E-4	1.56E-29	-2.43E-4
	CC2	0.2350	0.0835	-0.0413	3.04E-4	1.56E-29	-2.13E-4
	CC3	0.2456	-0.2604	0.0463	-6.56E-4	1.01E-29	-1.84E-4
	CC4	0.2525	-0.2617	0.0495	-6.68E-4	1.01E-29	-1.54E-4
	CC5	-0.2516	0.2508	-0.2283	6.27E-4	-1.01E-29	1.52E-4
	CC6	-0.2448	0.2495	-0.2252	6.15E-4	-1.01E-29	1.83E-4
	CC7	-0.2341	-0.0944	-0.1375	-3.45E-4	-1.56E-29	2.11E-4
	CC8	-0.2273	-0.0957	-0.1344	-3.57E-4	-1.56E-29	2.41E-4
	CC9	0.0320	0.5472	-0.2184	1.57E-3	1.30E-29	-2.08E-4
	CC10	0.0546	0.5428	-0.2079	1.53E-3	1.30E-29	-1.08E-4
	CC11	-0.1120	0.5970	-0.2736	1.67E-3	5.30E-3	-8.93E-5
	CC12	-0.0893	0.5926	-0.2631	1.63E-3	5.30E-3	1.07E-5
	CC13	0.0902	-0.6035	0.0842	-1.67E-3	-5.30E-3	-1.22E-5
	CC14	0.1129	-0.6079	0.0947	-1.71E-3	-5.30E-3	8.77E-5
	CC15	-0.0538	-0.5537	0.0291	-1.57E-3	-1.30E-29	1.06E-4
	CC16	-0.0311	-0.5581	0.0396	-1.61E-3	-1.30E-29	2.06E-4
702	CC1	0.1829	0.0515	-0.0413	2.85E-4	6.02E-29	-1.82E-4
	CC2	0.1883	0.0518	-0.0380	2.75E-4	6.02E-29	-1.59E-4
	CC3	0.1947	-0.2089	0.0461	-6.28E-4	3.91E-29	-1.38E-4
	CC4	0.2001	-0.2085	0.0493	-6.38E-4	3.91E-29	-1.15E-4
	CC5	-0.2001	0.2010	-0.2270	6.02E-4	-3.91E-29	1.14E-4
	CC6	-0.1947	0.2013	-0.2238	5.92E-4	-3.91E-29	1.37E-4
	CC7	-0.1883	-0.0594	-0.1397	-3.11E-4	-6.02E-29	1.58E-4
	CC8	-0.1829	-0.0591	-0.1364	-3.21E-4	-6.02E-29	1.81E-4
	CC9	0.0289	0.4073	-0.2119	1.47E-3	5.01E-29	-1.56E-4
	CC10	0.0468	0.4083	-0.2012	1.44E-3	5.01E-29	-8.04E-5
	CC11	-0.0860	0.4521	-0.2676	1.57E-3	2.03E-29	-6.73E-5
	CC12	-0.0681	0.4531	-0.2569	1.53E-3	2.03E-29	8.42E-6
	CC13	0.0681	-0.4607	0.0793	-1.57E-3	-2.03E-29	-9.19E-6
	CC14	0.0860	-0.4597	0.0899	-1.60E-3	-2.03E-29	6.65E-5
	CC15	-0.0468	-0.4159	0.0235	-1.48E-3	-5.01E-29	7.97E-5
	CC16	-0.0289	-0.4149	0.0342	-1.51E-3	-5.01E-29	1.55E-4
703	CC1	0.2724	0.1026	-0.0412	2.89E-4	2.08E-28	-2.96E-4
	CC2	0.2806	0.1016	-0.0379	2.82E-4	2.08E-28	-2.59E-4
	CC3	0.2972	-0.3248	0.0663	-7.01E-4	1.34E-28	-2.27E-4
	CC4	0.3054	-0.3257	0.0696	-7.08E-4	1.34E-28	-1.90E-4
	CC5	-0.3034	0.3109	-0.2487	6.61E-4	-1.34E-28	1.91E-4
	CC6	-0.2952	0.3100	-0.2454	6.54E-4	-1.34E-28	2.28E-4
	CC7	-0.2786	-0.1165	-0.1412	-3.29E-4	-2.08E-28	2.60E-4
	CC8	-0.2704	-0.1174	-0.1379	-3.36E-4	-2.08E-28	2.97E-4
	CC9	0.0324	0.6751	-0.2430	1.58E-3	1.74E-28	-2.48E-4
	CC10	0.0596	0.6721	-0.2322	1.56E-3	1.74E-28	-1.26E-4
	CC11	-0.1403	0.7377	-0.3052	1.69E-3	7.17E-29	-1.02E-4
	CC12	-0.1131	0.7346	-0.2944	1.67E-3	7.17E-29	2.03E-5
	CC13	0.1151	-0.7494	0.1153	-1.72E-3	-7.17E-29	-1.96E-5
	CC14	0.1423	-0.7525	0.1261	-1.74E-3	-7.17E-29	1.03E-4
	CC15	-0.0576	-0.6869	0.0531	-1.61E-3	-1.74E-28	1.26E-4
	CC16	-0.0304	-0.6900	0.0639	-1.63E-3	-1.74E-28	2.49E-4
704	CC1	0.2295	0.0706	-0.0341	2.61E-4	2.89E-29	-2.44E-4
	CC2	0.2364	0.0711	-0.0305	2.55E-4	2.89E-29	-2.13E-4
	CC3	0.2480	-0.2735	0.0727	-6.68E-4	1.87E-29	-1.74E-4
	CC4	0.2549	-0.2729	0.0763	-6.74E-4	1.87E-29	-1.43E-4
	CC5	-0.2541	0.2619	-0.2544	6.32E-4	-1.87E-29	1.45E-4
	CC6	-0.2472	0.2624	-0.2509	6.26E-4	-1.87E-29	1.76E-4
	CC7	-0.2355	-0.0822	-0.1476	-2.96E-4	-2.89E-29	2.15E-4
	CC8	-0.2286	-0.0816	-0.1441	-3.02E-4	-2.89E-29	2.46E-4
	CC9	0.0306	0.5382	-0.2400	1.48E-3	2.42E-29	-2.25E-4
	CC10	0.0534	0.5401	-0.2281	1.46E-3	2.42E-29	-1.23E-4
	CC11	-0.1144	0.5956	-0.3061	1.59E-3	9.90E-3	-1.08E-4

	CC12	-0.0916	0.5975	-0.2942	1.57E-3	9.90E-3	-6.74E-6
	CC13	0.0925	-0.6085	0.1161	-1.61E-3	-9.90E-3	8.55E-6
	CC14	0.1153	-0.6067	0.1279	-1.63E-3	-9.90E-3	1.10E-4
	CC15	-0.0526	-0.5512	0.0500	-1.50E-3	-2.42E-29	1.25E-4
	CC16	-0.0298	-0.5493	0.0618	-1.52E-3	-2.42E-29	2.26E-4
705	CC1	0.2763	0.0922	-0.0341	2.62E-4	1.42E-28	-3.05E-4
	CC2	0.2846	0.0929	-0.0306	2.58E-4	1.42E-28	-2.66E-4
	CC3	0.3029	-0.3418	0.0862	-7.32E-4	9.22E-29	-2.29E-4
	CC4	0.3112	-0.3411	0.0897	-7.36E-4	9.22E-29	-1.91E-4
	CC5	-0.3092	0.3260	-0.2683	6.90E-4	-9.22E-29	1.95E-4
	CC6	-0.3009	0.3266	-0.2648	6.86E-4	-9.22E-29	2.33E-4
	CC7	-0.2826	-0.1080	-0.1480	-3.05E-4	-1.42E-28	2.70E-4
	CC8	-0.2743	-0.1074	-0.1445	-3.08E-4	-1.42E-28	3.08E-4
	CC9	0.0307	0.6795	-0.2605	1.58E-3	1.19E-28	-2.62E-4
	CC10	0.0583	0.6818	-0.2489	1.56E-3	1.19E-28	-1.35E-4
	CC11	-0.1449	0.7497	-0.3307	1.70E-3	4.83E-29	-1.13E-4
	CC12	-0.1174	0.7519	-0.3191	1.69E-3	4.83E-29	1.49E-5
	CC13	0.1194	-0.7671	0.1405	-1.74E-3	-4.83E-29	-1.13E-5
	CC14	0.1470	-0.7648	0.1521	-1.75E-3	-4.83E-29	1.16E-4
	CC15	-0.0562	-0.6970	0.0703	-1.61E-3	-1.19E-28	1.39E-4
	CC16	-0.0287	-0.6947	0.0819	-1.62E-3	-1.19E-28	2.66E-4
706	CC1	0.2447	0.0723	-0.0299	2.51E-4	2.02E-28	-2.68E-4
	CC2	0.2520	0.0736	-0.0261	2.48E-4	2.02E-28	-2.35E-4
	CC3	0.2661	-0.2984	0.0869	-7.11E-4	1.31E-28	-1.78E-4
	CC4	0.2734	-0.2972	0.0907	-7.15E-4	1.31E-28	-1.45E-4
	CC5	-0.2722	0.2849	-0.2688	6.72E-4	-1.31E-28	1.48E-4
	CC6	-0.2649	0.2862	-0.2650	6.69E-4	-1.31E-28	1.81E-4
	CC7	-0.2508	-0.0859	-0.1519	-2.90E-4	-2.02E-28	2.38E-4
	CC8	-0.2435	-0.0846	-0.1482	-2.94E-4	-2.02E-28	2.71E-4
	CC9	0.0303	0.5779	-0.2541	1.53E-3	1.69E-28	-2.66E-4
	CC10	0.0546	0.5820	-0.2417	1.51E-3	1.69E-28	-1.56E-4
	CC11	-0.1248	0.6417	-0.3258	1.65E-3	6.87E-29	-1.41E-4
	CC12	-0.1004	0.6458	-0.3134	1.64E-3	6.87E-29	-3.10E-5
	CC13	0.1016	-0.6581	0.1353	-1.68E-3	-6.87E-29	3.43E-5
	CC14	0.1260	-0.6539	0.1477	-1.69E-3	-6.87E-29	1.44E-4
	CC15	-0.0534	-0.5943	0.0636	-1.56E-3	-1.69E-28	1.59E-4
	CC16	-0.0291	-0.5902	0.0761	-1.57E-3	-1.69E-28	2.69E-4
707	CC1	0.2182	-0.4060	-0.0156	1.60E-28	-6.38E-4	-1.74E-4
	CC2	0.2108	-0.3474	-0.0135	1.60E-28	-6.15E-4	-1.52E-4
	CC3	0.2160	-0.6056	-0.0306	1.04E-28	-6.46E-4	-1.42E-4
	CC4	0.2086	-0.5470	-0.0285	1.04E-28	-6.23E-4	-1.20E-4
	CC5	-0.2130	0.5405	-0.1479	-1.04E-28	6.12E-4	1.29E-4
	CC6	-0.2205	0.5990	-0.1459	-1.04E-28	6.35E-4	1.51E-4
	CC7	-0.2152	0.3408	-0.1629	-1.60E-28	6.04E-4	1.60E-4
	CC8	-0.2226	0.3994	-0.1609	-1.60E-28	6.27E-4	1.82E-4
	CC9	0.0783	0.0905	-0.0468	1.33E-28	-2.17E-4	-1.30E-4
	CC10	0.0538	0.2845	-0.0400	1.33E-28	-1.42E-4	-5.70E-5
	CC11	-0.0511	0.3744	-0.0865	5.42E-29	1.58E-4	-3.91E-5
	CC12	-0.0756	0.5684	-0.0797	5.42E-29	2.34E-4	3.37E-5
	CC13	0.0712	-0.5750	-0.0968	-5.42E-29	-2.44E-4	-2.54E-5
	CC14	0.0467	-0.3810	-0.0900	-5.42E-29	-1.68E-4	4.74E-5
	CC15	-0.0582	-0.2911	-0.1365	-1.33E-28	1.31E-4	6.54E-5
	CC16	-0.0827	-0.0971	-0.1297	-1.33E-28	2.07E-4	1.38E-4
708	CC1	0.2098	-0.4059	0.0060	1.80E-28	-6.17E-4	-1.70E-4
	CC2	0.2046	-0.3473	-0.0046	1.80E-28	-5.96E-4	-1.48E-4
	CC3	0.2141	-0.6055	0.0405	1.17E-28	-6.54E-4	-1.37E-4
	CC4	0.2088	-0.5470	0.0299	1.17E-28	-6.33E-4	-1.15E-4
	CC5	-0.2123	0.5405	-0.2040	-1.17E-28	6.24E-4	1.26E-4
	CC6	-0.2175	0.5991	-0.2146	-1.17E-28	6.44E-4	1.48E-4
	CC7	-0.2080	0.3409	-0.1695	-1.80E-28	5.87E-4	1.59E-4
	CC8	-0.2133	0.3995	-0.1801	-1.80E-28	6.07E-4	1.81E-4
	CC9	0.0631	0.0906	-0.0955	1.50E-28	-1.63E-4	-1.30E-4
	CC10	0.0458	0.2845	-0.1307	1.50E-28	-9.56E-5	-5.77E-5
	CC11	-0.0635	0.3745	-0.1585	6.06E-29	2.09E-4	-4.11E-5
	CC12	-0.0809	0.5685	-0.1937	6.06E-29	2.77E-4	3.11E-5
	CC13	0.0774	-0.5749	0.0196	-6.06E-29	-2.86E-4	-2.00E-5
	CC14	0.0600	-0.3809	-0.0156	-6.06E-29	-2.19E-4	5.22E-5
	CC15	-0.0492	-0.2910	-0.0434	-1.50E-28	8.62E-5	6.89E-5
	CC16	-0.0666	-0.0970	-0.0786	-1.50E-28	1.53E-4	1.41E-4
709	CC1	0.3290	-0.6143	-0.0123	1.54E-28	-6.41E-4	-2.95E-4
	CC2	0.3169	-0.5244	-0.0092	1.54E-28	-6.15E-4	-2.57E-4
	CC3	0.3342	-0.9297	-0.0321	9.97E-29	-6.58E-4	-2.52E-4

	CC4	0.3221	-0.8397	-0.0291	9.97E-29	-6.32E-4	-2.15E-4
	CC5	-0.3234	0.8281	-0.1495	-9.97E-29	6.04E-4	2.25E-4
	CC6	-0.3355	0.9180	-0.1465	-9.97E-29	6.30E-4	2.62E-4
	CC7	-0.3183	0.5128	-0.1694	-1.54E-28	5.87E-4	2.67E-4
	CC8	-0.3304	0.6027	-0.1664	-1.54E-28	6.13E-4	3.05E-4
	CC9	0.1086	0.1545	-0.0406	1.29E-28	-2.15E-4	-2.06E-4
	CC10	0.0686	0.4522	-0.0305	1.29E-28	-1.29E-4	-8.06E-5
	CC11	-0.0871	0.5872	-0.0818	5.27E-29	1.59E-4	-5.00E-5
	CC12	-0.1271	0.8850	-0.0717	5.27E-29	2.45E-4	7.52E-5
	CC13	0.1257	-0.8966	-0.1069	-5.27E-29	-2.72E-4	-6.52E-5
	CC14	0.0858	-0.5988	-0.0968	-5.27E-29	-1.86E-4	6.00E-5
	CC15	-0.0700	-0.4638	-0.1481	-1.29E-28	1.01E-4	9.06E-5
	CC16	-0.1100	-0.1661	-0.1380	-1.29E-28	1.87E-4	2.16E-4
<b>710</b>	CC1	-0.2728	-0.5078	-0.0136	1.33E-28	-6.50E-4	-2.26E-4
	CC2	0.2632	-0.4339	-0.0110	1.33E-28	-6.22E-4	-1.97E-4
	CC3	0.2762	-0.7635	-0.0314	8.63E-29	-6.75E-4	-1.85E-4
	CC4	0.2665	-0.6897	-0.0288	8.63E-29	-6.47E-4	-1.56E-4
	CC5	-0.2698	0.6807	-0.1488	-8.63E-29	6.31E-4	1.66E-4
	CC6	-0.2794	0.7545	-0.1462	-8.63E-29	6.59E-4	1.94E-4
	CC7	-0.2664	0.4250	-0.1666	-1.33E-28	6.06E-4	2.07E-4
	CC8	-0.2761	0.4988	-0.1640	-1.33E-28	6.34E-4	2.36E-4
	CC9	0.0902	0.1213	-0.0432	1.11E-28	-2.05E-4	-1.70E-4
	CC10	0.0582	0.3657	-0.0345	1.11E-28	-1.12E-4	-7.55E-5
	CC11	-0.0726	0.4778	-0.0838	4.54E-29	1.79E-4	5.22E-5
	CC12	-0.1046	0.7222	-0.0751	4.54E-29	2.72E-4	4.20E-5
	CC13	0.1013	-0.7312	-0.1025	-4.54E-29	-2.88E-4	-3.23E-5
	CC14	0.0694	-0.4868	-0.0938	-4.54E-29	-1.95E-4	6.19E-5
	CC15	-0.0614	-0.3747	-0.1431	-1.11E-28	9.61E-5	8.52E-5
	CC16	-0.0934	-0.1302	-0.1344	-1.11E-28	1.90E-4	1.79E-4
<b>711</b>	CC1	0.2639	-0.5077	0.0095	5.20E-29	-6.12E-4	-2.25E-4
	CC2	0.2570	-0.4339	-0.0017	5.20E-29	-5.95E-4	-1.97E-4
	CC3	0.2709	-0.7634	0.0463	3.38E-29	-6.38E-4	-1.82E-4
	CC4	0.2640	-0.6896	0.0351	3.38E-29	-6.20E-4	-1.54E-4
	CC5	-0.2663	0.6808	-0.2100	-3.38E-29	6.04E-4	1.63E-4
	CC6	-0.2733	0.7546	-0.2212	-3.38E-29	6.22E-4	1.92E-4
	CC7	-0.2593	0.4251	-0.1733	-5.20E-29	5.79E-4	2.06E-4
	CC8	-0.2663	0.4989	-0.1845	-5.20E-29	5.97E-4	2.34E-4
	CC9	0.0782	0.1213	-0.0973	4.33E-29	-1.77E-4	-1.72E-4
	CC10	0.0552	0.3657	-0.1344	4.33E-29	-1.18E-4	-7.75E-5
	CC11	-0.0808	0.4778	-0.1632	1.75E-29	1.88E-4	-5.55E-5
	CC12	-0.1039	0.7223	-0.2003	1.75E-29	2.47E-4	3.89E-5
	CC13	0.1015	-0.7311	0.0253	-1.75E-29	-2.63E-4	-2.98E-5
	CC14	0.0785	-0.4866	-0.0118	-1.75E-29	-2.04E-4	6.46E-5
	CC15	-0.0575	-0.3745	-0.0406	-4.33E-29	1.02E-4	8.67E-5
	CC16	-0.0806	-0.1301	-0.0777	-4.33E-29	1.61E-4	1.81E-4
<b>712</b>	CC1	0.3169	-0.6143	0.0119	7.42E-29	-6.07E-4	-2.94E-4
	CC2	0.3085	-0.5243	0.0003	7.42E-29	-5.91E-4	-2.57E-4
	CC3	0.3258	-0.9296	0.0503	4.79E-29	-6.29E-4	-2.49E-4
	CC4	0.3173	-0.8396	0.0387	4.79E-29	-6.13E-4	-2.11E-4
	CC5	-0.3179	0.8281	-0.2144	-4.79E-29	5.89E-4	2.17E-4
	CC6	-0.3264	0.9181	-0.2260	-4.79E-29	6.06E-4	2.55E-4
	CC7	-0.3091	0.5129	-0.1760	-7.42E-29	5.68E-4	2.62E-4
	CC8	-0.3175	0.6028	-0.1876	-7.42E-29	5.84E-4	3.00E-4
	CC9	0.0942	0.1545	-0.0987	6.21E-29	-1.82E-4	-2.11E-4
	CC10	0.0662	0.4523	-0.1371	6.21E-29	-1.28E-4	-8.71E-5
	CC11	-0.0963	0.5872	-0.1666	2.55E-29	1.77E-4	-5.77E-5
	CC12	-0.1243	0.8850	-0.2050	2.55E-29	2.31E-4	6.63E-5
	CC13	0.1237	-0.8965	0.0292	-2.55E-29	-2.54E-4	-6.05E-5
	CC14	0.0957	-0.5987	-0.0091	-2.55E-29	-2.01E-4	6.34E-5
	CC15	-0.0668	-0.4637	-0.0386	-6.21E-29	1.05E-4	9.29E-5
	CC16	-0.0947	-0.1660	-0.0770	-6.21E-29	1.58E-4	2.17E-4
<b>713</b>	CC1	0.3336	0.6921	-0.1818	1.72E-4	-4.93E-4	-3.84E-4
	CC2	0.3210	0.6170	-0.1911	1.55E-4	-4.83E-4	-3.38E-4
	CC3	0.3398	0.1774	-0.2767	4.42E-5	-6.28E-4	-2.65E-4
	CC4	0.3272	0.1023	-0.2861	2.72E-5	-6.18E-4	-2.19E-4
	CC5	-0.3229	-0.1107	0.0690	-3.49E-5	6.48E-4	2.28E-4
	CC6	-0.3355	-0.1858	0.0597	-5.20E-5	6.57E-4	2.74E-4
	CC7	-0.3166	-0.6254	-0.0259	-1.63E-4	5.12E-4	3.47E-4
	CC8	-0.3292	-0.7005	-0.0352	-1.80E-4	5.22E-4	3.93E-4
	CC9	0.1110	1.0984	0.0275	2.69E-4	5.24E-5	-3.62E-4
	CC10	0.0694	0.8498	-0.0034	2.13E-4	8.53E-5	-2.09E-4
	CC11	-0.0859	0.8575	0.1027	2.07E-4	3.95E-4	-1.79E-4

	CC12	-0.1276	0.6089	0.0719	1.50E-4	4.28E-4	-2.54E-5
	CC13	0.1319	-0.6173	-0.2889	-1.58E-4	-3.98E-4	3.43E-5
	CC14	0.0903	-0.8659	-0.3198	-2.15E-4	-3.66E-4	1.88E-4
	CC15	-0.0650	-0.8581	-0.2137	-2.20E-4	-5.62E-5	2.18E-4
	CC16	-0.1067	-1.1067	-0.2445	-2.77E-4	-2.33E-5	3.71E-4
<b>714</b>	CC1	0.2871	0.5566	-0.1811	-3.36E-5	-4.77E-4	1.81E-4
	CC2	0.2759	0.4958	-0.1898	-3.36E-5	-4.78E-4	1.96E-4
	CC3	0.2820	0.1482	-0.2704	-4.84E-5	-6.89E-4	1.15E-4
	CC4	0.2708	0.0874	-0.2791	-4.85E-5	-6.90E-4	1.30E-4
	CC5	-0.2649	-0.0942	0.0638	4.87E-5	6.93E-4	-1.06E-4
	CC6	-0.2761	-0.1551	0.0551	4.86E-5	6.92E-4	-9.03E-5
	CC7	-0.2700	-0.5026	-0.0256	3.38E-5	4.81E-4	-1.72E-4
	CC8	-0.2812	-0.5634	-0.0343	3.38E-5	4.80E-4	-1.56E-4
	CC9	0.1129	0.8755	0.0189	1.27E-5	1.80E-4	1.40E-4
	CC10	0.0757	0.6741	-0.0099	1.24E-5	1.77E-4	1.90E-4
	CC11	-0.0527	0.6802	0.0924	3.74E-5	5.31E-4	5.36E-5
	CC12	-0.0899	0.4789	0.0635	3.71E-5	5.28E-4	1.05E-4
	CC13	0.0957	-0.4857	-0.2789	-3.69E-5	-5.25E-4	-8.00E-5
	CC14	0.0586	-0.6871	-0.3077	-3.71E-5	-5.28E-4	-2.91E-5
	CC15	-0.0699	-0.6809	-0.2054	-1.22E-5	-1.74E-4	-1.66E-4
	CC16	-0.1070	-0.8823	-0.2342	-1.25E-5	-1.77E-4	-1.15E-4
<b>715</b>	CC1	0.2322	0.4264	-0.1808	6.83E-4	-6.74E-4	1.35E-4
	CC2	0.2228	0.3792	-0.1887	6.10E-4	-6.47E-4	1.29E-4
	CC3	0.2223	0.1204	-0.2624	1.79E-4	-6.95E-4	-5.96E-5
	CC4	0.2129	0.0732	-0.2703	1.06E-4	-6.68E-4	-6.57E-5
	CC5	-0.2077	-0.0785	0.0569	-9.84E-5	6.47E-4	6.95E-5
	CC6	-0.2171	-0.1256	0.0490	-1.71E-4	6.73E-4	6.33E-5
	CC7	-0.2176	-0.3845	-0.0247	-6.03E-4	6.26E-4	-1.25E-4
	CC8	-0.2270	-0.4316	-0.0326	-6.75E-4	6.52E-4	-1.32E-4
	CC9	0.1007	0.6611	0.0068	1.08E-3	-2.18E-4	3.47E-4
	CC10	0.0695	0.5051	-0.0194	8.41E-4	-1.31E-4	3.26E-4
	CC11	-0.0313	0.5096	0.0781	8.48E-4	1.78E-4	3.27E-4
	CC12	-0.0625	0.3536	0.0519	6.07E-4	2.65E-4	3.06E-4
	CC13	0.0677	-0.3589	-0.2654	-5.99E-4	-2.87E-4	-3.03E-4
	CC14	0.0365	-0.5149	-0.2915	-8.40E-4	-2.00E-4	-3.23E-4
	CC15	-0.0643	-0.5103	-0.1940	-8.34E-4	1.09E-4	-3.22E-4
	CC16	-0.0955	-0.6663	-0.2202	-1.07E-3	1.96E-4	-3.43E-4
<b>716</b>	CC1	0.2342	0.4269	-0.2173	1.51E-3	-8.18E-4	-1.99E-4
	CC2	0.2253	0.3797	-0.2185	1.36E-3	-7.82E-4	-1.73E-4
	CC3	0.2180	0.1210	-0.2485	3.76E-4	-7.31E-4	-1.77E-4
	CC4	0.2092	0.0738	-0.2496	2.22E-4	-6.94E-4	-1.52E-4
	CC5	-0.2035	-0.0789	0.0372	-1.49E-4	6.43E-4	1.58E-4
	CC6	-0.2123	-0.1261	0.0360	-3.03E-4	6.79E-4	1.83E-4
	CC7	-0.2197	-0.3848	0.0060	-1.28E-3	7.30E-4	1.79E-4
	CC8	-0.2285	-0.4320	0.0049	-1.44E-3	7.67E-4	2.05E-4
	CC9	0.1100	0.6614	-0.0905	2.43E-3	-4.52E-4	-1.29E-4
	CC10	0.0808	0.5051	-0.0944	1.92E-3	-3.30E-4	-4.44E-5
	CC11	-0.0213	0.5096	-0.0142	1.93E-3	-1.36E-5	-2.17E-5
	CC12	-0.0505	0.3534	-0.0180	1.42E-3	1.08E-4	6.25E-5
	CC13	0.0561	-0.3585	-0.1944	-1.35E-3	-1.60E-4	-5.65E-5
	CC14	0.0270	-0.5147	-0.1982	-1.86E-3	-3.79E-5	2.77E-5
	CC15	-0.0752	-0.5102	-0.1181	-1.85E-3	2.79E-4	5.03E-5
	CC16	-0.1043	-0.6664	-0.1219	-2.36E-3	4.00E-4	1.35E-4
<b>717</b>	CC1	0.2204	0.4287	-0.2647	1.27E-3	-7.42E-4	-4.85E-4
	CC2	0.2146	0.3813	-0.2585	1.13E-3	-7.14E-4	-4.30E-4
	CC3	0.2137	0.1218	-0.2358	2.97E-4	-6.91E-4	-2.34E-4
	CC4	0.2079	0.0744	-0.2296	1.62E-4	-6.64E-4	-1.79E-4
	CC5	-0.2020	-0.0793	0.0183	-1.84E-4	6.25E-4	1.75E-4
	CC6	-0.2078	-0.1267	0.0244	-3.19E-4	6.53E-4	2.30E-4
	CC7	-0.2087	-0.3863	0.0471	-1.15E-3	6.76E-4	4.26E-4
	CC8	-0.2145	-0.4336	0.0533	-1.29E-3	7.04E-4	4.82E-4
	CC9	0.0872	0.6637	-0.2065	2.05E-3	-3.55E-4	-6.12E-4
	CC10	0.0678	0.5069	-0.1860	1.60E-3	-2.63E-4	-4.28E-4
	CC11	-0.0396	0.5113	-0.1216	1.61E-3	5.48E-5	-4.14E-4
	CC12	-0.0589	0.3545	-0.1011	1.16E-3	1.47E-4	-2.30E-4
	CC13	0.0648	-0.3594	-0.1102	-1.18E-3	-1.86E-4	2.26E-4
	CC14	0.0455	-0.5162	-0.0897	-1.63E-3	-9.32E-5	4.10E-4
	CC15	-0.0619	-0.5118	-0.0253	-1.62E-3	2.25E-4	4.24E-4
	CC16	-0.0812	-0.6686	-0.0048	-2.07E-3	3.17E-4	6.08E-4
<b>718</b>	CC1	0.3248	0.6933	-0.2252	8.32E-4	-4.75E-4	-3.25E-4
	CC2	0.3153	0.6181	-0.2264	7.43E-4	-4.62E-4	-2.85E-4
	CC3	0.3369	0.1788	-0.2582	2.03E-4	-5.61E-4	-2.48E-4

	CC4	0.3274	0.1036	-0.2593	1.15E-4	-5.48E-4	-2.08E-4
	CC5	-0.3224	-0.1118	0.0437	-1.35E-4	5.94E-4	2.18E-4
	CC6	-0.3319	-0.1870	0.0425	-2.23E-4	6.07E-4	2.58E-4
	CC7	-0.3102	-0.6262	0.0107	-7.63E-4	5.09E-4	2.95E-4
	CC8	-0.3197	-0.7015	0.0096	-8.52E-4	5.22E-4	3.35E-4
	CC9	0.0951	1.0987	-0.0913	1.33E-3	-1.63E-5	-2.72E-4
	CC10	0.0636	0.8496	-0.0952	1.04E-3	2.63E-5	-1.38E-4
	CC11	-0.0991	0.8572	-0.0107	1.04E-3	3.05E-4	-1.09E-4
	CC12	-0.1305	0.6080	-0.0145	7.46E-4	3.47E-4	2.50E-5
	CC13	0.1356	-0.6162	-0.2011	-7.66E-4	-3.01E-4	-1.47E-5
	CC14	0.1041	-0.8653	-0.2050	-1.06E-3	-2.58E-4	1.19E-4
	CC15	-0.0586	-0.8577	-0.1204	-1.06E-3	2.00E-5	1.48E-4
	CC16	-0.0900	-1.1069	-0.1243	-1.35E-3	6.26E-5	2.82E-4
<b>719</b>	CC1	0.2863	0.5572	-0.2213	-2.48E-5	-3.54E-4	-2.48E-4
	CC2	0.2768	0.4962	-0.2225	-2.67E-5	-3.81E-4	-2.16E-4
	CC3	0.2805	0.1492	-0.2539	-5.14E-5	-7.31E-4	-2.08E-4
	CC4	0.2709	0.0883	-0.2551	-5.32E-5	-7.58E-4	-1.76E-4
	CC5	-0.2636	-0.0950	0.0410	5.36E-5	7.63E-4	1.92E-4
	CC6	-0.2731	-0.1559	0.0398	5.17E-5	7.36E-4	2.23E-4
	CC7	-0.2694	-0.5029	0.0084	2.71E-5	3.86E-4	2.31E-4
	CC8	-0.2789	-0.5638	0.0072	2.52E-5	3.59E-4	2.63E-4
	CC9	0.1117	0.8752	-0.0901	3.57E-5	5.08E-4	-1.77E-4
	CC10	0.0802	0.6735	-0.0942	2.94E-5	4.19E-4	-7.21E-5
	CC11	-0.0533	0.6795	-0.0114	5.93E-5	8.43E-4	-4.52E-5
	CC12	-0.0848	0.4779	-0.0155	5.30E-5	7.54E-4	5.96E-5
	CC13	0.0921	-0.4846	-0.1986	-5.26E-5	-7.49E-4	-4.41E-5
	CC14	0.0606	-0.6862	-0.2027	-5.89E-5	-8.38E-4	6.08E-5
	CC15	-0.0728	-0.6802	-0.1199	-2.91E-5	-4.14E-4	8.77E-5
	CC16	-0.1043	-0.8819	-0.1240	-3.54E-5	-5.03E-4	1.93E-4
<b>720</b>	CC1	0.2718	0.5591	-0.2723	-2.79E-5	-3.97E-4	-3.63E-4
	CC2	0.2652	0.4980	-0.2657	-2.94E-5	-4.18E-4	-3.20E-4
	CC3	0.2748	0.1507	-0.2412	-4.90E-5	-6.97E-4	-2.49E-4
	CC4	0.2682	0.0895	-0.2346	-5.05E-5	-7.18E-4	-2.07E-4
	CC5	-0.2610	-0.0960	0.0217	5.09E-5	7.24E-4	1.86E-4
	CC6	-0.2676	-0.1571	0.0283	4.94E-5	7.03E-4	2.28E-4
	CC7	-0.2580	-0.5045	0.0528	2.98E-5	4.24E-4	2.99E-4
	CC8	-0.2646	-0.5656	0.0594	2.83E-5	4.03E-4	3.42E-4
	CC9	0.0895	0.8770	-0.2132	2.60E-5	3.69E-4	-3.52E-4
	CC10	0.0675	0.6746	-0.1914	2.11E-5	3.00E-4	-2.12E-4
	CC11	-0.0703	0.6805	-0.1250	4.96E-5	7.06E-4	-1.88E-4
	CC12	-0.0923	0.4781	-0.1032	4.48E-5	6.36E-4	-4.75E-5
	CC13	0.0995	-0.4845	-0.1097	-4.43E-5	-6.30E-4	2.64E-5
	CC14	0.0775	-0.6869	-0.0879	-4.92E-5	-7.00E-4	1.67E-4
	CC15	-0.0603	-0.6811	-0.0215	-2.07E-5	-2.94E-4	1.91E-4
	CC16	-0.0824	-0.8835	0.0003	-2.56E-5	-3.63E-4	3.31E-4
<b>721</b>	CC1	0.3156	0.6960	-0.2788	3.68E-4	-5.06E-4	-2.67E-4
	CC2	0.3088	0.6205	-0.2718	3.31E-4	-4.97E-4	-2.32E-4
	CC3	0.3295	0.1809	-0.2445	8.70E-5	-5.95E-4	-2.48E-4
	CC4	0.3227	0.1053	-0.2375	5.03E-5	-5.85E-4	-2.13E-4
	CC5	-0.3174	-0.1133	0.0233	-7.17E-5	6.22E-4	2.10E-4
	CC6	-0.3242	-0.1889	0.0303	-1.08E-4	6.31E-4	2.45E-4
	CC7	-0.3034	-0.6285	0.0575	-3.53E-4	5.33E-4	2.29E-4
	CC8	-0.3103	-0.7041	0.0645	-3.89E-4	5.43E-4	2.64E-4
	CC9	0.0857	1.1011	-0.2211	5.84E-4	-1.84E-5	-1.62E-4
	CC10	0.0630	0.8509	-0.1979	4.63E-4	1.21E-5	-4.75E-5
	CC11	-0.1042	0.8582	-0.1305	4.53E-4	3.20E-4	-1.86E-5
	CC12	-0.1268	0.6081	-0.1073	3.31E-4	3.50E-4	9.57E-5
	CC13	0.1322	-0.6161	-0.1070	-3.52E-4	-3.14E-4	-9.87E-5
	CC14	0.1096	-0.8663	-0.0837	-4.74E-4	-2.83E-4	1.56E-5
	CC15	-0.0577	-0.8589	-0.0164	-4.84E-4	2.45E-5	4.45E-5
	CC16	-0.0803	-1.1091	0.0069	-6.06E-4	5.50E-5	1.59E-4
<b>722</b>	CC1	0.4180	-0.7733	-0.0031	7.66E-29	-6.16E-4	-3.87E-4
	CC2	0.4079	-0.6576	-0.0163	7.66E-29	-6.05E-4	-3.38E-4
	CC3	0.4311	-1.2162	0.0476	4.96E-29	-6.36E-4	-3.20E-4
	CC4	0.4210	-1.1005	0.0345	4.96E-29	-6.25E-4	-2.71E-4
	CC5	-0.4160	1.0828	-0.2148	-4.96E-29	5.92E-4	2.67E-4
	CC6	-0.4261	1.1985	-0.2280	-4.96E-29	6.03E-4	3.16E-4
	CC7	-0.4029	0.6399	-0.1641	-7.66E-29	5.72E-4	3.34E-4
	CC8	-0.4130	0.7556	-0.1772	-7.66E-29	5.83E-4	3.83E-4
	CC9	0.1224	0.2594	-0.1211	6.39E-29	-1.83E-4	-2.92E-4
	CC10	0.0891	0.6425	-0.1648	6.39E-29	-1.46E-4	-1.31E-4
	CC11	-0.1278	0.8162	-0.1847	2.60E-29	1.80E-4	-9.61E-5

	CC12	-0.1611	1.1993	-0.2283	2.60E-29	2.16E-4	6.54E-5
	CC13	0.1661	-1.2170	0.0480	-2.60E-29	-2.49E-4	-6.88E-5
	CC14	0.1328	-0.8339	0.0043	-2.60E-29	-2.12E-4	9.26E-5
	CC15	-0.0841	-0.6602	-0.0156	-6.39E-29	1.14E-4	1.27E-4
	CC16	-0.1174	-0.2771	-0.0592	-6.39E-29	1.50E-4	2.89E-4
723	CC1	0.4327	-0.7722	-0.1058	1.20E-28	-6.32E-4	-3.81E-4
	CC2	0.4180	-0.6567	-0.1037	1.20E-28	-6.15E-4	-3.34E-4
	CC3	0.4394	-1.2143	-0.1149	7.76E-29	-6.43E-4	-3.09E-4
	CC4	0.4247	-1.0988	-0.1128	7.76E-29	-6.26E-4	-2.62E-4
	CC5	-0.4191	1.0808	-0.0714	-7.76E-29	5.89E-4	2.52E-4
	CC6	-0.4337	1.1963	-0.0693	-7.76E-29	6.06E-4	2.99E-4
	CC7	-0.4124	0.6387	-0.0805	-1.20E-28	5.77E-4	3.24E-4
	CC8	-0.4270	0.7542	-0.0784	-1.20E-28	5.95E-4	3.71E-4
	CC9	0.1436	0.2588	-0.0856	9.95E-29	-2.12E-4	-2.98E-4
	CC10	0.0951	0.6412	-0.0786	9.95E-29	-1.55E-4	-1.42E-4
	CC11	-0.1119	0.8147	-0.0753	4.03E-29	1.55E-4	-1.08E-4
	CC12	-0.1604	1.1971	-0.0683	4.03E-29	2.11E-4	4.75E-5
	CC13	0.1660	-1.2151	-0.1158	-4.03E-29	-2.49E-4	-5.73E-5
	CC14	0.1175	-0.8327	-0.1089	-4.03E-29	-1.92E-4	9.78E-5
	CC15	-0.0895	-0.6592	-0.1055	-9.95E-29	1.17E-4	1.33E-4
	CC16	-0.1380	-0.2768	-0.0986	-9.95E-29	1.74E-4	2.88E-4
724	CC1	0.5198	-0.9699	-0.0020	3.05E-29	-5.83E-4	-5.01E-4
	CC2	0.5079	-0.8239	-0.0155	3.05E-29	-5.72E-4	-4.38E-4
	CC3	0.5346	-1.5370	0.0500	1.98E-29	-6.02E-4	-4.29E-4
	CC4	0.5226	-1.3910	0.0366	1.98E-29	-5.91E-4	-3.66E-4
	CC5	-0.5119	1.3662	-0.2179	-1.98E-29	5.52E-4	3.51E-4
	CC6	-0.5238	1.5122	-0.2314	-1.98E-29	5.62E-4	4.13E-4
	CC7	-0.4971	0.7991	-0.1659	-3.05E-29	5.33E-4	4.23E-4
	CC8	-0.5090	0.9451	-0.1793	-3.05E-29	5.44E-4	4.85E-4
	CC9	0.1553	0.3407	-0.1228	2.55E-29	-1.77E-4	-3.59E-4
	CC10	0.1158	0.8241	-0.1674	2.55E-29	-1.41E-4	-1.51E-4
	CC11	-0.1542	1.0415	-0.1876	1.04E-29	1.64E-4	-1.04E-4
	CC12	-0.1937	1.5250	-0.2321	1.04E-29	2.00E-4	1.04E-4
	CC13	0.2044	-1.5498	0.0508	-1.04E-29	-2.39E-4	-1.20E-4
	CC14	0.1650	-1.0663	0.0062	-1.04E-29	-2.03E-4	8.88E-5
	CC15	-0.1051	-0.8490	-0.0140	-2.55E-29	1.02E-4	1.36E-4
	CC16	-0.1445	-0.3655	-0.0586	-2.55E-29	1.38E-4	3.44E-4
725	CC1	0.4694	-0.8712	-0.0021	1.38E-28	-6.07E-4	-4.39E-4
	CC2	0.4584	-0.7403	-0.0155	1.38E-28	-5.97E-4	-3.83E-4
	CC3	0.4833	-1.3750	0.0497	8.90E-29	-6.24E-4	-3.67E-4
	CC4	0.4723	-1.2441	0.0363	8.90E-29	-6.14E-4	-3.12E-4
	CC5	-0.4646	1.2230	-0.2173	-8.90E-29	5.84E-4	3.03E-4
	CC6	-0.4755	1.3538	-0.2307	-8.90E-29	5.94E-4	3.59E-4
	CC7	-0.4506	0.7192	-0.1655	-1.38E-28	5.67E-4	3.74E-4
	CC8	-0.4616	0.8500	-0.1789	-1.38E-28	5.77E-4	4.30E-4
	CC9	0.1389	0.2984	-0.1223	1.15E-28	-1.82E-4	-3.26E-4
	CC10	0.1025	0.7316	-0.1667	1.15E-28	-1.49E-4	-1.43E-4
	CC11	-0.1412	0.9267	-0.1869	4.70E-29	1.75E-4	-1.04E-4
	CC12	-0.1776	1.3598	-0.2313	4.70E-29	2.08E-4	7.97E-5
	CC13	0.1854	-1.3810	0.0503	-4.70E-29	-2.38E-4	-8.87E-5
	CC14	0.1490	-0.9478	0.0059	-4.70E-29	-2.05E-4	9.46E-5
	CC15	-0.0948	-0.7527	-0.0142	-1.15E-28	1.19E-4	1.34E-4
	CC16	-0.1312	-0.3196	-0.0586	-1.15E-28	1.52E-4	3.17E-4
726	CC1	0.4862	-0.8714	-0.1060	4.37E-29	-6.40E-4	-4.44E-4
	CC2	0.4699	-0.7405	-0.1039	4.37E-29	-6.20E-4	-3.88E-4
	CC3	0.4935	-1.3754	-0.1151	2.83E-29	-6.61E-4	-3.72E-4
	CC4	0.4772	-1.2445	-0.1130	2.83E-29	-6.41E-4	-3.17E-4
	CC5	-0.4687	1.2233	-0.0720	-2.83E-29	6.12E-4	3.09E-4
	CC6	-0.4850	1.3541	-0.0699	-2.83E-29	6.31E-4	3.65E-4
	CC7	-0.4614	0.7193	-0.0812	-4.37E-29	5.91E-4	3.81E-4
	CC8	-0.4777	0.8502	-0.0791	-4.37E-29	6.11E-4	4.36E-4
	CC9	0.1623	0.2985	-0.0859	3.64E-29	-2.01E-4	-3.27E-4
	CC10	0.1083	0.7318	-0.0790	3.64E-29	-1.35E-4	-1.44E-4
	CC11	-0.1242	0.9269	-0.0757	1.48E-29	1.75E-4	-1.01E-4
	CC12	-0.1781	1.3602	-0.0688	1.48E-29	2.41E-4	8.18E-5
	CC13	0.1867	-1.3814	-0.1163	-1.48E-29	-2.70E-4	-8.95E-5
	CC14	0.1327	-0.9481	-0.1094	-1.48E-29	-2.04E-4	9.35E-5
	CC15	-0.0998	-0.7530	-0.1061	-3.64E-29	1.05E-4	1.36E-4
	CC16	-0.1537	-0.3197	-0.0992	-3.64E-29	1.71E-4	3.19E-4
727	CC1	0.5396	-0.9715	-0.1076	9.23E-29	-6.15E-4	-5.06E-4
	CC2	0.5216	-0.8252	-0.1052	9.23E-29	-5.96E-4	-4.42E-4
	CC3	0.5476	-1.5397	-0.1178	5.96E-29	-6.31E-4	-4.37E-4

	CC4	0.5296	-1.3934	-0.1154	5.96E-29	-6.13E-4	-3.74E-4
	CC5	-0.5178	1.3688	-0.0700	-5.96E-29	5.68E-4	3.67E-4
	CC6	-0.5358	1.5151	-0.0676	-5.96E-29	5.86E-4	4.31E-4
	CC7	-0.5098	0.8006	-0.0802	-9.23E-29	5.51E-4	4.36E-4
	CC8	-0.5278	0.9469	-0.0778	-9.23E-29	5.70E-4	4.99E-4
	CC9	0.1810	0.3415	-0.0852	7.72E-29	-2.03E-4	-3.55E-4
	CC10	0.1214	0.8258	-0.0775	7.72E-29	-1.42E-4	-1.43E-4
	CC11	-0.1363	1.0436	-0.0740	3.16E-29	1.52E-4	-9.26E-5
	CC12	-0.1959	1.5279	-0.0662	3.16E-29	2.13E-4	1.19E-4
	CC13	0.2077	-1.5526	-0.1192	-3.16E-29	-2.58E-4	-1.25E-4
	CC14	0.1481	-1.0682	-0.1115	-3.16E-29	-1.97E-4	8.59E-5
	CC15	-0.1095	-0.8505	-0.1079	-7.72E-29	9.67E-5	1.36E-4
	CC16	-0.1691	-0.3661	-0.1002	-7.72E-29	1.58E-4	3.48E-4
728	CC1	0.4511	-0.7980	-0.2139	-1.14E-3	-1.75E-4	-4.42E-4
	CC2	0.4313	-0.6793	-0.1957	-9.68E-4	-1.49E-4	-3.83E-4
	CC3	0.4487	-1.2362	-0.2908	-1.82E-3	-2.80E-4	-4.12E-4
	CC4	0.4288	-1.1175	-0.2725	-1.65E-3	-2.54E-4	-3.53E-4
	CC5	-0.4234	1.0994	0.0867	1.60E-3	2.47E-4	3.66E-4
	CC6	-0.4432	1.2181	0.1049	1.77E-3	2.73E-4	4.24E-4
	CC7	-0.4258	0.6612	0.0099	9.26E-4	1.43E-4	3.95E-4
	CC8	-0.4457	0.7799	0.0281	1.10E-3	1.69E-4	4.54E-4
	CC9	0.1708	0.2401	-0.0401	4.14E-4	6.38E-5	-2.62E-4
	CC10	0.1051	0.6332	0.0202	9.81E-4	1.51E-4	-6.72E-5
	CC11	-0.0915	0.8093	0.0501	1.24E-3	1.91E-4	-1.98E-5
	CC12	-0.1572	1.2024	0.1104	1.80E-3	2.78E-4	1.75E-4
	CC13	0.1627	-1.2206	-0.2962	-1.85E-3	-2.84E-4	-1.63E-4
	CC14	0.0970	-0.8274	-0.2359	-1.28E-3	-1.97E-4	3.22E-5
	CC15	-0.0997	-0.6513	-0.2060	-1.02E-3	-1.58E-4	7.97E-5
	CC16	-0.1654	-0.2582	-0.1457	-4.56E-4	-7.03E-5	2.74E-4
729	CC1	0.5058	-0.9007	-0.2161	-1.22E-3	-1.88E-4	-4.32E-4
	CC2	0.4836	-0.7661	-0.1975	-1.03E-3	-1.59E-4	-3.77E-4
	CC3	0.5043	-1.4008	-0.2947	-1.96E-3	-3.01E-4	-3.61E-4
	CC4	0.4821	-1.2662	-0.2761	-1.77E-3	-2.73E-4	-3.05E-4
	CC5	-0.4734	1.2453	0.0894	1.74E-3	2.67E-4	3.11E-4
	CC6	-0.4956	1.3799	0.1080	1.92E-3	2.96E-4	3.66E-4
	CC7	-0.4749	0.7452	0.0108	1.00E-3	1.54E-4	3.83E-4
	CC8	-0.4971	0.8798	0.0294	1.19E-3	1.83E-4	4.38E-4
	CC9	0.1904	0.2783	-0.0389	4.58E-4	7.06E-5	-3.20E-4
	CC10	0.1170	0.7239	0.0226	1.08E-3	1.66E-4	-1.36E-4
	CC11	-0.1034	0.9221	0.0528	1.34E-3	2.07E-4	-9.70E-5
	CC12	-0.1768	1.3677	0.1142	1.96E-3	3.02E-4	8.67E-5
	CC13	0.1855	-1.3887	-0.3009	-1.99E-3	-3.07E-4	-8.10E-5
	CC14	0.1120	-0.9431	-0.2394	-1.38E-3	-2.12E-4	1.03E-4
	CC15	-0.1083	-0.7449	-0.2092	-1.11E-3	-1.71E-4	1.42E-4
	CC16	-0.1817	-0.2993	-0.1478	-4.91E-4	-7.56E-5	3.26E-4
730	CC1	0.5614	-1.0053	-0.2171	-1.15E-3	-1.77E-4	-4.27E-4
	CC2	0.5368	-0.8546	-0.1983	-9.75E-4	-1.50E-4	-3.75E-4
	CC3	0.5611	-1.5701	-0.2966	-1.84E-3	-2.84E-4	-3.10E-4
	CC4	0.5365	-1.4194	-0.2778	-1.67E-3	-2.57E-4	-2.58E-4
	CC5	-0.5243	1.3954	0.0907	1.62E-3	2.49E-4	2.60E-4
	CC6	-0.5489	1.5461	0.1095	1.79E-3	2.76E-4	3.12E-4
	CC7	-0.5246	0.8306	0.0112	9.27E-4	1.43E-4	3.77E-4
	CC8	-0.5492	0.9813	0.0300	1.10E-3	1.70E-4	4.29E-4
	CC9	0.2102	0.3198	-0.0382	4.21E-4	6.49E-5	-3.83E-4
	CC10	0.1288	0.8186	0.0238	1.00E-3	1.55E-4	-2.11E-4
	CC11	-0.1155	1.0401	0.0541	1.25E-3	1.93E-4	-1.77E-4
	CC12	-0.1969	1.5388	0.1162	1.83E-3	2.83E-4	-5.13E-6
	CC13	0.2092	-1.5628	-0.3033	-1.88E-3	-2.90E-4	6.98E-6
	CC14	0.1277	-1.0640	-0.2412	-1.30E-3	-2.00E-4	1.79E-4
	CC15	-0.1166	-0.8426	-0.2109	-1.05E-3	-1.62E-4	2.13E-4
	CC16	-0.1980	-0.3438	-0.1489	-4.69E-4	-7.22E-5	3.85E-4
731	CC1	0.4039	-0.8004	0.0970	-1.12E-3	-1.72E-4	-3.92E-4
	CC2	0.3981	-0.6812	0.0689	-9.51E-4	-1.46E-4	-3.42E-4
	CC3	0.4225	-1.2402	0.2039	-1.80E-3	-2.77E-4	-3.31E-4
	CC4	0.4166	-1.1210	0.1758	-1.63E-3	-2.51E-4	-2.80E-4
	CC5	-0.4120	1.1035	-0.3510	1.59E-3	2.45E-4	2.83E-4
	CC6	-0.4179	1.2227	-0.3790	1.76E-3	2.70E-4	3.33E-4
	CC7	-0.3935	0.6637	-0.2440	9.09E-4	1.40E-4	3.44E-4
	CC8	-0.3993	0.7829	-0.2721	1.08E-3	1.66E-4	3.94E-4
	CC9	0.1035	0.2414	-0.1521	4.33E-4	6.64E-5	-2.85E-4
	CC10	0.0841	0.6360	-0.2451	9.91E-4	1.52E-4	-1.19E-4
	CC11	-0.1413	0.8126	-0.2865	1.25E-3	1.91E-4	-8.26E-5



	CC12	-0.1607	1.2071	-0.3795	1.81E-3	2.77E-4	8.32E-5
	CC13	0.1653	-1.2247	0.2043	-1.85E-3	-2.83E-4	-8.07E-5
	CC14	0.1459	-0.8301	0.1114	-1.29E-3	-1.98E-4	8.51E-5
	CC15	-0.0795	-0.6535	0.0699	-1.03E-3	-1.59E-4	1.22E-4
	CC16	-0.0989	-0.2589	-0.0230	-4.74E-4	-7.27E-5	2.88E-4
732	CC1	0.4530	-0.9003	0.0989	-1.13E-3	-1.74E-4	-4.37E-4
	CC2	0.4468	-0.7658	0.0704	-9.58E-4	-1.47E-4	-3.81E-4
	CC3	0.4729	-1.4001	0.2077	-1.83E-3	-2.80E-4	-3.68E-4
	CC4	0.4667	-1.2656	0.1792	-1.65E-3	-2.54E-4	-3.12E-4
	CC5	-0.4595	1.2447	-0.3548	1.61E-3	2.48E-4	3.18E-4
	CC6	-0.4658	1.3792	-0.3832	1.78E-3	2.74E-4	3.74E-4
	CC7	-0.4396	0.7449	-0.2460	9.16E-4	1.41E-4	3.87E-4
	CC8	-0.4458	0.8794	-0.2744	1.09E-3	1.67E-4	4.43E-4
	CC9	0.1176	0.2781	-0.1539	4.42E-4	6.79E-5	-3.18E-4
	CC10	0.0970	0.7235	-0.2482	1.01E-3	1.56E-4	-1.32E-4
	CC11	-0.1561	0.9216	-0.2900	1.27E-3	1.94E-4	-9.16E-5
	CC12	-0.1768	1.3670	-0.3843	1.84E-3	2.82E-4	9.41E-5
	CC13	0.1840	-1.3879	0.2087	-1.88E-3	-2.88E-4	-8.82E-5
	CC14	0.1633	-0.9425	0.1145	-1.31E-3	-2.01E-4	9.75E-5
	CC15	-0.0898	-0.7444	0.0726	-1.06E-3	-1.62E-4	1.38E-4
	CC16	-0.1104	-0.2990	-0.0216	-4.85E-4	-7.44E-5	3.24E-4
733	CC1	0.5018	-1.0020	0.1001	-1.13E-3	-1.73E-4	-4.86E-4
	CC2	0.4952	-0.8519	0.0714	-9.55E-4	-1.47E-4	-4.23E-4
	CC3	0.5230	-1.5645	0.2100	-1.83E-3	-2.80E-4	-4.10E-4
	CC4	0.5164	-1.4144	0.1813	-1.65E-3	-2.54E-4	-3.48E-4
	CC5	-0.5064	1.3900	-0.3571	1.61E-3	2.47E-4	3.58E-4
	CC6	-0.5129	1.5401	-0.3858	1.78E-3	2.73E-4	4.20E-4
	CC7	-0.4852	0.8275	-0.2471	9.11E-4	1.40E-4	4.34E-4
	CC8	-0.4918	0.9776	-0.2758	1.08E-3	1.66E-4	4.96E-4
	CC9	0.1318	0.3181	-0.1550	4.42E-4	6.78E-5	-3.51E-4
	CC10	0.1101	0.8150	-0.2501	1.02E-3	1.56E-4	-1.44E-4
	CC11	-0.1706	1.0357	-0.2922	1.26E-3	1.94E-4	-9.74E-5
	CC12	-0.1924	1.5326	-0.3872	1.84E-3	2.82E-4	1.09E-4
	CC13	0.2024	-1.5570	0.2115	-1.88E-3	-2.89E-4	-9.81E-5
	CC14	0.1806	-1.0601	0.1164	-1.31E-3	-2.01E-4	1.08E-4
	CC15	-0.1001	-0.8394	0.0743	-1.06E-3	-1.63E-4	1.55E-4
	CC16	-0.1218	-0.3425	-0.0207	-4.86E-4	-7.46E-5	3.61E-4
734	CC1	0.5697	-0.0121	-0.0040	-4.05E-5	7.81E-29	-4.88E-4
	CC2	0.5451	0.0131	-0.0065	-8.90E-6	7.81E-29	-4.27E-4
	CC3	0.5708	-0.7450	-0.0178	-7.55E-4	5.07E-29	-3.92E-4
	CC4	0.5462	-0.7198	-0.0203	-7.23E-4	5.07E-29	-3.30E-4
	CC5	-0.5424	0.6913	-0.2023	6.54E-4	-5.07E-29	3.40E-4
	CC6	-0.5670	0.7166	-0.2048	6.85E-4	-5.07E-29	4.01E-4
	CC7	-0.5413	-0.0416	-0.2161	-6.06E-5	-7.81E-29	4.36E-4
	CC8	-0.5659	-0.0163	-0.2185	-2.90E-5	-7.81E-29	4.98E-4
	CC9	0.2076	1.0600	-0.0545	9.99E-4	6.50E-29	-3.83E-4
	CC10	0.1262	1.1435	-0.0627	1.10E-3	6.50E-29	-1.78E-4
	CC11	-0.1261	1.2710	-0.1139	1.21E-3	2.63E-29	-1.34E-4
	CC12	-0.2074	1.3545	-0.1222	1.31E-3	2.63E-29	7.07E-5
	CC13	0.2112	-1.3830	-0.1004	-1.38E-3	-2.63E-29	-6.11E-5
	CC14	0.1299	-1.2994	-0.1086	-1.28E-3	-2.63E-29	1.44E-4
	CC15	-0.1224	-1.1719	-0.1599	-1.17E-3	-6.50E-29	1.87E-4
	CC16	-0.2038	-1.0884	-0.1681	-1.07E-3	-6.50E-29	3.92E-4
735	CC1	0.5051	-0.0088	-0.0137	-4.25E-5	2.22E-28	-4.38E-4
	CC2	0.4832	0.0133	-0.0158	-1.47E-6	2.22E-28	-3.82E-4
	CC3	0.5062	-0.6685	-0.0269	-9.87E-4	1.44E-28	-3.55E-4
	CC4	0.4843	-0.6465	-0.0290	-9.46E-4	1.44E-28	-2.99E-4
	CC5	-0.4819	0.6229	-0.1930	9.04E-4	-1.44E-28	3.07E-4
	CC6	-0.5038	0.6450	-0.1952	9.45E-4	-1.44E-28	3.63E-4
	CC7	-0.4808	-0.0368	-0.2063	-4.01E-5	-2.22E-28	3.90E-4
	CC8	-0.5027	-0.0147	-0.2084	8.67E-7	-2.22E-28	4.46E-4
	CC9	0.1838	0.9565	-0.0586	1.34E-3	1.86E-28	-3.38E-4
	CC10	0.1110	1.0296	-0.0656	1.48E-3	1.86E-28	-1.53E-4
	CC11	-0.1123	1.1460	-0.1124	1.63E-3	7.62E-29	-1.15E-4
	CC12	-0.1851	1.2191	-0.1194	1.76E-3	7.62E-29	7.03E-5
	CC13	0.1875	-1.2426	-0.1027	-1.80E-3	-7.62E-29	-6.22E-5
	CC14	0.1147	-1.1696	-0.1097	-1.67E-3	-7.62E-29	1.23E-4
	CC15	-0.1086	-1.0531	-0.1565	-1.52E-3	-1.86E-28	1.61E-4
	CC16	-0.1814	-0.9800	-0.1635	-1.38E-3	-1.86E-28	3.47E-4
736	CC1	0.4403	-0.0041	-0.0100	-2.74E-5	1.49E-28	-3.98E-4
	CC2	0.4210	0.0144	-0.0122	1.36E-5	1.49E-28	-3.47E-4
	CC3	0.4383	-0.5809	-0.0230	-1.07E-3	9.60E-29	-3.32E-4

	CC4	0.4190	-0.5624	-0.0252	-1.03E-3	9.60E-29	-2.81E-4
	CC5	-0.4186	0.5423	-0.1947	9.95E-4	-9.60E-29	2.89E-4
	CC6	-0.4379	0.5608	-0.1970	1.04E-3	-9.60E-29	3.40E-4
	CC7	-0.4206	-0.0346	-0.2077	-4.84E-5	-1.49E-28	3.54E-4
	CC8	-0.4399	-0.0161	-0.2100	-7.40E-6	-1.49E-28	4.05E-4
	CC9	0.1643	0.8387	-0.0569	1.50E-3	1.25E-28	-2.92E-4
	CC10	0.1005	0.9000	-0.0644	1.64E-3	1.25E-28	-1.24E-4
	CC11	-0.0934	1.0026	-0.1123	1.81E-3	5.13E-29	-8.64E-5
	CC12	-0.1572	1.0639	-0.1198	1.94E-3	5.13E-29	8.24E-5
	CC13	0.1575	-1.0841	-0.1001	-1.98E-3	-5.13E-29	-7.47E-5
	CC14	0.0937	-1.0228	-0.1076	-1.84E-3	-5.13E-29	9.42E-5
	CC15	-0.1001	-0.9202	-0.1556	-1.67E-3	-1.25E-28	1.31E-4
	CC16	-0.1639	-0.8589	-0.1630	-1.54E-3	-1.25E-28	3.00E-4
<b>737</b>	CC1	0.4436	0.0447	0.0567	8.57E-5	1.44E-28	-3.97E-4
	CC2	0.4242	0.0570	0.0517	1.12E-4	1.44E-28	-3.46E-4
	CC3	0.4417	-0.5429	0.0421	-1.02E-3	9.34E-29	-3.37E-4
	CC4	0.4223	-0.5307	0.0371	-9.94E-4	9.34E-29	-2.87E-4
	CC5	-0.4223	0.5096	-0.2496	9.55E-4	-9.34E-29	2.95E-4
	CC6	-0.4417	0.5218	-0.2546	9.82E-4	-9.34E-29	3.45E-4
	CC7	-0.4242	-0.0781	-0.2642	-1.52E-4	-1.44E-28	3.55E-4
	CC8	-0.4436	-0.0658	-0.2692	-1.25E-4	-1.44E-28	4.05E-4
	CC9	0.1651	0.8788	-0.0278	1.65E-3	1.21E-28	-2.83E-4
	CC10	0.1009	0.9195	-0.0442	1.74E-3	1.21E-28	-1.16E-4
	CC11	-0.0947	1.0183	-0.1197	1.91E-3	4.94E-29	-7.50E-5
	CC12	-0.1589	1.0590	-0.1361	2.00E-3	4.94E-29	9.19E-5
	CC13	0.1589	-1.0801	-0.0764	-2.04E-3	-4.94E-29	-8.38E-5
	CC14	0.0947	-1.0394	-0.0928	-1.95E-3	-4.94E-29	8.30E-5
	CC15	-0.1009	-0.9406	-0.1683	-1.78E-3	-1.21E-28	1.24E-4
	CC16	-0.1651	-0.8999	-0.1847	-1.69E-3	-1.21E-28	2.91E-4
<b>738</b>	CC1	0.5000	0.0477	0.0620	4.61E-5	2.39E-28	-4.50E-4
	CC2	0.4782	0.0625	0.0569	7.52E-5	2.39E-28	-3.93E-4
	CC3	0.5012	-0.6259	0.0469	-9.06E-4	1.55E-28	-3.96E-4
	CC4	0.4794	-0.6111	0.0418	-8.77E-4	1.55E-28	-3.39E-4
	CC5	-0.4784	0.5862	-0.2550	8.29E-4	-1.55E-28	3.49E-4
	CC6	-0.5003	0.6010	-0.2601	8.58E-4	-1.55E-28	4.06E-4
	CC7	-0.4773	-0.0875	-0.2702	-1.24E-4	-2.39E-28	4.03E-4
	CC8	-0.4991	-0.0726	-0.2753	-9.45E-5	-2.39E-28	4.60E-4
	CC9	0.1814	1.0049	-0.0254	1.40E-3	2.00E-28	-3.00E-4
	CC10	0.1092	1.0540	-0.0423	1.49E-3	2.00E-28	-1.10E-4
	CC11	-0.1122	1.1664	-0.1205	1.63E-3	8.16E-29	-6.01E-5
	CC12	-0.1844	1.2155	-0.1374	1.73E-3	8.16E-29	1.29E-4
	CC13	0.1853	-1.2405	-0.0758	-1.78E-3	-8.16E-29	-1.19E-4
	CC14	0.1131	-1.1914	-0.0927	-1.68E-3	-8.16E-29	6.99E-5
	CC15	-0.1083	-1.0789	-0.1709	-1.54E-3	-2.00E-28	1.20E-4
	CC16	-0.1804	-1.0298	-0.1879	-1.45E-3	-2.00E-28	3.10E-4
<b>739</b>	CC1	0.5583	0.0497	0.0563	3.98E-6	2.50E-28	-4.99E-4
	CC2	0.5341	0.0670	0.0514	2.87E-5	2.50E-28	-4.35E-4
	CC3	0.5592	-0.6952	0.0409	-6.59E-4	1.62E-28	-4.41E-4
	CC4	0.5350	-0.6780	0.0360	-6.35E-4	1.62E-28	-3.77E-4
	CC5	-0.5332	0.6478	-0.2506	5.64E-4	-1.62E-28	3.89E-4
	CC6	-0.5574	0.6651	-0.2554	5.89E-4	-1.62E-28	4.53E-4
	CC7	-0.5323	-0.0971	-0.2660	-9.93E-5	-2.50E-28	4.47E-4
	CC8	-0.5565	-0.0799	-0.2709	-7.46E-5	-2.50E-28	5.11E-4
	CC9	0.2032	1.1082	-0.0275	9.45E-4	2.09E-28	-3.30E-4
	CC10	0.1232	1.1654	-0.0436	1.03E-3	2.09E-28	-1.18E-4
	CC11	-0.1242	1.2876	-0.1195	1.11E-3	8.48E-29	-6.39E-5
	CC12	-0.2043	1.3448	-0.1356	1.20E-3	8.48E-29	1.48E-4
	CC13	0.2061	-1.3750	-0.0789	-1.27E-3	-8.48E-29	-1.36E-4
	CC14	0.1261	-1.3178	-0.0950	-1.18E-3	-8.48E-29	7.57E-5
	CC15	-0.1214	-1.1955	-0.1710	-1.10E-3	-2.09E-28	1.30E-4
	CC16	-0.2014	-1.1384	-0.1871	-1.02E-3	-2.09E-28	3.42E-4
<b>740</b>	CC1	0.4467	0.0987	-0.0100	1.68E-4	1.52E-28	-3.99E-4
	CC2	0.4271	0.1041	-0.0122	1.86E-4	1.52E-28	-3.49E-4
	CC3	0.4447	-0.4973	-0.0247	-9.47E-4	9.81E-29	-3.36E-4
	CC4	0.4252	-0.4919	-0.0269	-9.29E-4	9.81E-29	-2.86E-4
	CC5	-0.4248	0.4697	-0.1856	8.89E-4	-9.81E-29	2.93E-4
	CC6	-0.4443	0.4752	-0.1878	9.07E-4	-9.81E-29	3.43E-4
	CC7	-0.4267	-0.1263	-0.2003	-2.26E-4	-1.52E-28	3.56E-4
	CC8	-0.4463	-0.1209	-0.2025	-2.08E-4	-1.52E-28	4.07E-4
	CC9	0.1665	0.9177	-0.0518	1.70E-3	1.27E-28	-2.89E-4
	CC10	0.1018	0.9357	-0.0589	1.76E-3	1.27E-28	-1.22E-4
	CC11	-0.0949	1.0290	-0.1045	1.92E-3	5.19E-29	-8.18E-5

	CC12	-0.1596	1.0470	-0.1116	1.98E-3	5.19E-29	8.59E-5
	CC13	0.1600	-1.0691	-0.1009	-2.02E-3	-5.19E-29	-7.86E-5
	CC14	0.0953	-1.0511	-0.1080	-1.96E-3	-5.19E-29	8.91E-5
	CC15	-0.1014	-0.9578	-0.1536	-1.80E-3	-1.27E-28	1.29E-4
	CC16	-0.1661	-0.9398	-0.1607	-1.74E-3	-1.27E-28	2.97E-4
<b>741</b>	CC1	0.4440	0.0717	0.0204	1.20E-4	1.80E-28	-4.00E-4
	CC2	0.4246	0.0805	0.0170	1.43E-4	1.80E-28	-3.49E-4
	CC3	0.4421	-0.5201	0.0059	-9.86E-4	1.17E-28	-3.38E-4
	CC4	0.4227	-0.5112	0.0024	-9.63E-4	1.17E-28	-2.87E-4
	CC5	-0.4225	0.4896	-0.2150	9.23E-4	-1.17E-28	2.95E-4
	CC6	-0.4419	0.4985	-0.2185	9.46E-4	-1.17E-28	3.46E-4
	CC7	-0.4244	-0.1022	-0.2296	-1.83E-4	-1.80E-28	3.57E-4
	CC8	-0.4439	-0.0933	-0.2330	-1.60E-4	-1.80E-28	4.08E-4
	CC9	0.1654	0.8981	-0.0410	1.67E-3	1.50E-28	-2.88E-4
	CC10	0.1011	0.9275	-0.0524	1.74E-3	1.50E-28	-1.20E-4
	CC11	-0.0945	1.0235	-0.1116	1.91E-3	6.07E-29	-7.95E-5
	CC12	-0.1588	1.0529	-0.1230	1.98E-3	6.07E-29	8.86E-5
	CC13	0.1590	-1.0745	-0.0896	-2.02E-3	-6.07E-29	-8.07E-5
	CC14	0.0947	-1.0452	-0.1010	-1.95E-3	-6.07E-29	8.74E-5
	CC15	-0.1010	-0.9491	-0.1602	-1.78E-3	-1.50E-28	1.28E-4
	CC16	-0.1653	-0.9198	-0.1716	-1.71E-3	-1.50E-28	2.96E-4
<b>742</b>	CC1	0.5556	0.1180	-0.0097	6.79E-5	1.01E-28	-5.09E-4
	CC2	0.5316	0.1267	-0.0118	8.38E-5	1.01E-28	-4.45E-4
	CC3	0.5566	-0.6385	-0.0256	-6.18E-4	6.58E-29	-4.07E-4
	CC4	0.5325	-0.6298	-0.0277	-6.02E-4	6.58E-29	-3.44E-4
	CC5	-0.5306	0.5985	-0.1868	5.30E-4	-6.58E-29	3.50E-4
	CC6	-0.5547	0.6072	-0.1889	5.46E-4	-6.58E-29	4.13E-4
	CC7	-0.5297	-0.1580	-0.2027	-1.56E-4	-1.01E-28	4.52E-4
	CC8	-0.5538	-0.1493	-0.2048	-1.40E-4	-1.01E-28	5.15E-4
	CC9	0.2022	1.1588	-0.0507	1.01E-3	8.45E-29	-4.00E-4
	CC10	0.1224	1.1875	-0.0577	1.06E-3	8.45E-29	-1.90E-4
	CC11	-0.1237	1.3029	-0.1038	1.15E-3	3.43E-29	-1.42E-4
	CC12	-0.2034	1.3317	-0.1108	1.20E-3	3.43E-29	6.75E-5
	CC13	0.2053	-1.3630	-0.1037	-1.27E-3	-3.43E-29	-6.11E-5
	CC14	0.1256	-1.3343	-0.1107	-1.22E-3	-3.43E-29	1.48E-4
	CC15	-0.1206	-1.2188	-0.1568	-1.14E-3	-8.45E-29	1.96E-4
	CC16	-0.2003	-1.1901	-0.1638	-1.08E-3	-8.45E-29	4.06E-4
<b>743</b>	CC1	0.5000	0.1093	-0.0109	1.26E-4	8.09E-29	-4.57E-4
	CC2	0.4781	0.1164	-0.0130	1.45E-4	8.09E-29	-4.00E-4
	CC3	0.5013	-0.5739	-0.0262	-8.50E-4	5.25E-29	-3.80E-4
	CC4	0.4795	-0.5668	-0.0283	-8.31E-4	5.25E-29	-3.23E-4
	CC5	-0.4784	0.5407	-0.1854	7.82E-4	-5.25E-29	3.30E-4
	CC6	-0.5002	0.5478	-0.1875	8.02E-4	-5.25E-29	3.87E-4
	CC7	-0.4770	-0.1424	-0.2007	-1.94E-4	-8.09E-29	4.07E-4
	CC8	-0.4988	-0.1353	-0.2028	-1.74E-4	-8.09E-29	4.64E-4
	CC9	0.1812	1.0491	-0.0517	1.47E-3	6.74E-29	-3.37E-4
	CC10	0.1090	1.0726	-0.0586	1.54E-3	6.74E-29	-1.48E-4
	CC11	-0.1123	1.1785	-0.1041	1.67E-3	2.74E-29	-1.01E-4
	CC12	-0.1845	1.2020	-0.1110	1.73E-3	2.74E-29	8.84E-5
	CC13	0.1857	-1.2281	-0.1027	-1.78E-3	-2.74E-29	-8.14E-5
	CC14	0.1134	-1.2046	-0.1096	-1.72E-3	-2.74E-29	1.08E-4
	CC15	-0.1078	-1.0986	-0.1551	-1.58E-3	-6.74E-29	1.55E-4
	CC16	-0.1801	-1.0751	-0.1620	-1.52E-3	-6.74E-29	3.44E-4
<b>744</b>	CC1	0.5000	0.0783	0.0221	8.18E-5	2.28E-28	-4.55E-4
	CC2	0.4782	0.0893	0.0186	1.07E-4	2.28E-28	-3.98E-4
	CC3	0.5012	-0.5996	0.0069	-8.76E-4	1.48E-28	-3.81E-4
	CC4	0.4794	-0.5887	0.0035	-8.51E-4	1.48E-28	-3.24E-4
	CC5	-0.4784	0.5631	-0.2171	8.02E-4	-1.48E-28	3.32E-4
	CC6	-0.5002	0.5741	-0.2206	8.27E-4	-1.48E-28	3.89E-4
	CC7	-0.4772	-0.1148	-0.2322	-1.55E-4	-2.28E-28	4.06E-4
	CC8	-0.4990	-0.1039	-0.2357	-1.31E-4	-2.28E-28	4.64E-4
	CC9	0.1813	1.0263	-0.0400	1.42E-3	1.90E-28	-3.33E-4
	CC10	0.1091	1.0626	-0.0515	1.50E-3	1.90E-28	-1.44E-4
	CC11	-0.1122	1.1718	-0.1117	1.64E-3	7.70E-29	-9.72E-5
	CC12	-0.1844	1.2080	-0.1232	1.72E-3	7.70E-29	9.20E-5
	CC13	0.1854	-1.2336	-0.0904	-1.77E-3	-7.70E-29	-8.39E-5
	CC14	0.1132	-1.1973	-0.1019	-1.69E-3	-7.70E-29	1.05E-4
	CC15	-0.1081	-1.0881	-0.1622	-1.55E-3	-1.90E-28	1.52E-4
	CC16	-0.1803	-1.0519	-0.1737	-1.47E-3	-1.90E-28	3.41E-4
<b>745</b>	CC1	0.5581	0.0837	0.0205	3.28E-5	3.31E-29	-5.04E-4
	CC2	0.5339	0.0966	0.0171	5.34E-5	3.31E-29	-4.41E-4
	CC3	0.5590	-0.6663	0.0049	-6.40E-4	2.14E-29	-4.16E-4

	CC4	0.5348	-0.6533	0.0015	-6.19E-4	2.14E-29	-3.53E-4
	CC5	-0.5329	0.6225	-0.2162	5.47E-4	-2.14E-29	3.61E-4
	CC6	-0.5571	0.6355	-0.2196	5.68E-4	-2.14E-29	4.24E-4
	CC7	-0.5320	-0.1275	-0.2318	-1.25E-4	-3.31E-29	4.49E-4
	CC8	-0.5562	-0.1145	-0.2352	-1.05E-4	-3.31E-29	5.13E-4
	CC9	0.2031	1.1322	-0.0403	9.74E-4	2.76E-29	-3.77E-4
	CC10	0.1231	1.1751	-0.0514	1.04E-3	2.76E-29	-1.67E-4
	CC11	-0.1241	1.2939	-0.1113	1.13E-3	1.13E-29	-1.18E-4
	CC12	-0.2042	1.3368	-0.1224	1.20E-3	1.13E-29	9.20E-5
	CC13	0.2061	-1.3676	-0.0922	-1.27E-3	-1.13E-29	-8.35E-5
	CC14	0.1261	-1.3247	-0.1034	-1.20E-3	-1.13E-29	1.26E-4
	CC15	-0.1212	-1.2060	-0.1632	-1.11E-3	-2.76E-29	1.76E-4
	CC16	-0.2012	-1.1631	-0.1744	-1.05E-3	-2.76E-29	3.86E-4
<b>746</b>	CC1	0.5555	0.2913	-0.1835	2.19E-4	1.44E-6	-5.22E-4
	CC2	0.5315	0.2777	-0.1788	2.16E-4	1.42E-6	-4.55E-4
	CC3	0.5568	-0.4860	-0.1975	-5.07E-4	-3.35E-6	-4.53E-4
	CC4	0.5328	-0.4996	-0.1928	-5.10E-4	-3.37E-6	-3.87E-4
	CC5	-0.5311	0.4659	-0.0256	4.42E-4	2.92E-6	3.90E-4
	CC6	-0.5551	0.4523	-0.0209	4.39E-4	2.90E-6	4.56E-4
	CC7	-0.5298	-0.3113	-0.0396	-2.84E-4	-1.87E-6	4.58E-4
	CC8	-0.5538	-0.3250	-0.0349	-2.87E-4	-1.89E-6	5.25E-4
	CC9	0.2013	1.2750	-0.1174	1.15E-3	7.57E-6	-3.60E-4
	CC10	0.1219	1.2299	-0.1019	1.14E-3	7.51E-6	-1.40E-4
	CC11	-0.1247	1.3274	-0.0700	1.21E-3	8.02E-6	-8.63E-5
	CC12	-0.2040	1.2823	-0.0545	1.20E-3	7.95E-6	1.34E-4
	CC13	0.2057	-1.3160	-0.1639	-1.27E-3	-8.40E-6	-1.31E-4
	CC14	0.1264	-1.3610	-0.1484	-1.28E-3	-8.46E-6	8.89E-5
	CC15	-0.1202	-1.2636	-0.1165	-1.21E-3	-7.96E-6	1.42E-4
	CC16	-0.1996	-1.3086	-0.1010	-1.22E-3	-8.02E-6	3.62E-4
<b>747</b>	CC1	0.5006	0.2664	-0.1810	3.36E-4	2.22E-6	-4.67E-4
	CC2	0.4789	0.2533	-0.1763	3.27E-4	2.16E-6	-4.07E-4
	CC3	0.5023	-0.4362	-0.1946	-6.47E-4	-4.27E-6	-4.17E-4
	CC4	0.4805	-0.4493	-0.1900	-6.55E-4	-4.32E-6	-3.57E-4
	CC5	-0.4795	0.4211	-0.0276	5.99E-4	3.95E-6	3.61E-4
	CC6	-0.5012	0.4080	-0.0230	5.91E-4	3.90E-6	4.21E-4
	CC7	-0.4778	-0.2816	-0.0412	-3.83E-4	-2.53E-6	4.11E-4
	CC8	-0.4995	-0.2947	-0.0366	-3.92E-4	-2.58E-6	4.71E-4
	CC9	0.1808	1.1555	-0.1167	1.58E-3	1.05E-5	-3.05E-4
	CC10	0.1088	1.1121	-0.1014	1.56E-3	1.03E-5	-1.06E-4
	CC11	-0.1133	1.2019	-0.0706	1.66E-3	1.10E-5	-5.64E-5
	CC12	-0.1852	1.1585	-0.0554	1.63E-3	1.08E-5	1.42E-4
	CC13	0.1863	-1.1868	-0.1622	-1.69E-3	-1.12E-5	-1.39E-4
	CC14	0.1143	-1.2302	-0.1469	-1.72E-3	-1.13E-5	5.99E-5
	CC15	-0.1077	-1.1404	-0.1162	-1.61E-3	-1.06E-5	1.10E-4
	CC16	-0.1797	-1.1838	-0.1009	-1.64E-3	-1.08E-5	3.08E-4
<b>748</b>	CC1	0.4479	0.2359	-0.1789	4.04E-4	2.67E-6	-4.05E-4
	CC2	0.4284	0.2238	-0.1743	3.91E-4	2.58E-6	-3.53E-4
	CC3	0.4457	-0.3796	-0.1922	-7.10E-4	-4.69E-6	-3.56E-4
	CC4	0.4263	-0.3917	-0.1876	-7.24E-4	-4.78E-6	-3.04E-4
	CC5	-0.4254	0.3683	-0.0284	6.71E-4	4.43E-6	3.05E-4
	CC6	-0.4449	0.3561	-0.0238	6.58E-4	4.34E-6	3.57E-4
	CC7	-0.4275	-0.2472	-0.0417	-4.44E-4	-2.93E-6	3.55E-4
	CC8	-0.4470	-0.2594	-0.0371	-4.57E-4	-3.02E-6	4.06E-4
	CC9	0.1672	1.0143	-0.1160	1.81E-3	1.20E-5	-2.73E-4
	CC10	0.1027	0.9742	-0.1008	1.77E-3	1.17E-5	-1.02E-4
	CC11	-0.0948	1.0540	-0.0708	1.89E-3	1.25E-5	-6.03E-5
	CC12	-0.1593	1.0139	-0.0557	1.85E-3	1.22E-5	1.11E-4
	CC13	0.1601	-1.0373	-0.1604	-1.90E-3	-1.26E-5	-1.10E-4
	CC14	0.0957	-1.0775	-0.1452	-1.95E-3	-1.28E-5	6.21E-5
	CC15	-0.1018	-0.9976	-0.1152	-1.82E-3	-1.20E-5	1.03E-4
	CC16	-0.1663	-1.0378	-0.1001	-1.87E-3	-1.23E-5	2.75E-4
<b>749</b>	CC1	0.4480	0.1991	-0.1360	3.36E-4	2.22E-6	-4.08E-4
	CC2	0.4285	0.1917	-0.1332	3.32E-4	2.19E-6	-3.56E-4
	CC3	0.4460	-0.4118	-0.1498	-7.82E-4	-5.16E-6	-3.56E-4
	CC4	0.4264	-0.4192	-0.1470	-7.86E-4	-5.19E-6	-3.04E-4
	CC5	-0.4258	0.3960	-0.0675	7.37E-4	4.87E-6	3.06E-4
	CC6	-0.4454	0.3886	-0.0647	7.33E-4	4.84E-6	3.59E-4
	CC7	-0.4279	-0.2149	-0.0813	-3.81E-4	-2.51E-6	3.59E-4
	CC8	-0.4474	-0.2223	-0.0785	-3.85E-4	-2.54E-6	4.11E-4
	CC9	0.1672	0.9893	-0.0992	1.79E-3	1.18E-5	-2.80E-4
	CC10	0.1025	0.9648	-0.0899	1.77E-3	1.17E-5	-1.07E-4
	CC11	-0.0950	1.0484	-0.0786	1.91E-3	1.26E-5	-6.58E-5

	CC12	-0.1597	1.0239	-0.0693	1.89E-3	1.25E-5	1.08E-4
	CC13	0.1603	-1.0471	-0.1452	-1.94E-3	-1.28E-5	-1.05E-4
	CC14	0.0956	-1.0716	-0.1359	-1.96E-3	-1.29E-5	6.84E-5
	CC15	-0.1019	-0.9880	-0.1247	-1.82E-3	-1.20E-5	1.10E-4
	CC16	-0.1666	-1.0125	-0.1154	-1.84E-3	-1.21E-5	2.83E-4
750	CC1	0.4480	0.1621	-0.0813	2.70E-4	1.78E-6	-4.08E-4
	CC2	0.4285	0.1594	-0.0802	2.75E-4	1.81E-6	-3.56E-4
	CC3	0.4460	-0.4437	-0.0956	-8.55E-4	-5.65E-6	-3.48E-4
	CC4	0.4264	-0.4463	-0.0946	-8.50E-4	-5.61E-6	-2.96E-4
	CC5	-0.4258	0.4234	-0.1188	8.06E-4	5.32E-6	2.99E-4
	CC6	-0.4454	0.4207	-0.1178	8.11E-4	5.35E-6	3.51E-4
	CC7	-0.4279	-0.1824	-0.1332	-3.19E-4	-2.11E-6	3.59E-4
	CC8	-0.4475	-0.1851	-0.1321	-3.14E-4	-2.07E-6	4.11E-4
	CC9	0.1672	0.9634	-0.0789	1.76E-3	1.16E-5	-2.90E-4
	CC10	0.1024	0.9546	-0.0754	1.78E-3	1.18E-5	-1.18E-4
	CC11	-0.0950	1.0417	-0.0902	1.93E-3	1.27E-5	-7.82E-5
	CC12	-0.1598	1.0329	-0.0867	1.94E-3	1.28E-5	9.42E-5
	CC13	0.1604	-1.0559	-0.1267	-1.99E-3	-1.31E-5	-9.08E-5
	CC14	0.0956	-1.0647	-0.1233	-1.97E-3	-1.30E-5	8.16E-5
	CC15	-0.1018	-0.9775	-0.1380	-1.83E-3	-1.20E-5	1.21E-4
	CC16	-0.1666	-0.9864	-0.1345	-1.81E-3	-1.19E-5	2.94E-4
751	CC1	0.5537	0.2442	-0.1393	1.79E-4	1.18E-6	-5.16E-4
	CC2	0.5298	0.2366	-0.1364	1.81E-4	1.19E-6	-4.50E-4
	CC3	0.5550	-0.5275	-0.1538	-5.23E-4	-3.45E-6	-4.58E-4
	CC4	0.5311	-0.5351	-0.1509	-5.22E-4	-3.44E-6	-3.92E-4
	CC5	-0.5290	0.5017	-0.0655	4.51E-4	2.97E-6	3.97E-4
	CC6	-0.5529	0.4942	-0.0626	4.52E-4	2.98E-6	4.63E-4
	CC7	-0.5277	-0.2699	-0.0800	-2.52E-4	-1.66E-6	4.54E-4
	CC8	-0.5516	-0.2775	-0.0771	-2.50E-4	-1.65E-6	5.21E-4
	CC9	0.2009	1.2434	-0.0999	1.09E-3	7.21E-6	-3.40E-4
	CC10	0.1217	1.2183	-0.0903	1.10E-3	7.24E-6	-1.20E-4
	CC11	-0.1239	1.3207	-0.0777	1.17E-3	7.74E-6	-6.62E-5
	CC12	-0.2031	1.2956	-0.0681	1.18E-3	7.77E-6	1.53E-4
	CC13	0.2053	-1.3289	-0.1483	-1.25E-3	-8.24E-6	-1.48E-4
	CC14	0.1260	-1.3540	-0.1387	-1.24E-3	-8.21E-6	7.12E-5
	CC15	-0.1196	-1.2516	-0.1262	-1.17E-3	-7.70E-6	1.25E-4
	CC16	-0.1988	-1.2767	-0.1165	-1.16E-3	-7.68E-6	3.45E-4
752	CC1	0.4998	0.2238	-0.1375	2.74E-4	1.81E-6	-4.71E-4
	CC2	0.4780	0.2162	-0.1347	2.73E-4	1.80E-6	-4.10E-4
	CC3	0.5014	-0.4744	-0.1517	-7.00E-4	-4.62E-6	-4.22E-4
	CC4	0.4797	-0.4820	-0.1489	-7.00E-4	-4.62E-6	-3.61E-4
	CC5	-0.4785	0.4542	-0.0668	6.45E-4	4.26E-6	3.67E-4
	CC6	-0.5002	0.4466	-0.0640	6.45E-4	4.26E-6	4.28E-4
	CC7	-0.4768	-0.2440	-0.0810	-3.28E-4	-2.17E-6	4.16E-4
	CC8	-0.4986	-0.2516	-0.0782	-3.29E-4	-2.17E-6	4.77E-4
	CC9	0.1806	1.1279	-0.0995	1.54E-3	1.02E-5	-3.05E-4
	CC10	0.1086	1.1027	-0.0901	1.54E-3	1.02E-5	-1.04E-4
	CC11	-0.1129	1.1970	-0.0783	1.65E-3	1.09E-5	-5.38E-5
	CC12	-0.1849	1.1718	-0.0689	1.65E-3	1.09E-5	1.48E-4
	CC13	0.1861	-1.1996	-0.1468	-1.71E-3	-1.13E-5	-1.42E-4
	CC14	0.1141	-1.2248	-0.1374	-1.71E-3	-1.13E-5	5.97E-5
	CC15	-0.1074	-1.1305	-0.1256	-1.59E-3	-1.05E-5	1.10E-4
	CC16	-0.1794	-1.1557	-0.1162	-1.60E-3	-1.05E-5	3.11E-4
753	CC1	0.4995	0.1813	-0.0814	2.18E-4	1.44E-6	-4.65E-4
	CC2	0.4778	0.1792	-0.0803	2.26E-4	1.49E-6	-4.05E-4
	CC3	0.5011	-0.5122	-0.0962	-7.66E-4	-5.05E-6	-4.10E-4
	CC4	0.4794	-0.5143	-0.0951	-7.58E-4	-5.00E-6	-3.50E-4
	CC5	-0.4781	0.4872	-0.1193	7.07E-4	4.66E-6	3.57E-4
	CC6	-0.4999	0.4851	-0.1183	7.14E-4	4.71E-6	4.18E-4
	CC7	-0.4765	-0.2064	-0.1342	-2.77E-4	-1.83E-6	4.13E-4
	CC8	-0.4983	-0.2085	-0.1331	-2.70E-4	-1.78E-6	4.73E-4
	CC9	0.1807	1.1000	-0.0786	1.53E-3	1.01E-5	-3.12E-4
	CC10	0.1086	1.0930	-0.0751	1.55E-3	1.03E-5	-1.13E-4
	CC11	-0.1126	1.1917	-0.0900	1.67E-3	1.11E-5	-6.50E-5
	CC12	-0.1847	1.1848	-0.0865	1.70E-3	1.12E-5	1.34E-4
	CC13	0.1860	-1.2119	-0.1280	-1.75E-3	-1.16E-5	-1.26E-4
	CC14	0.1139	-1.2189	-0.1245	-1.73E-3	-1.14E-5	7.28E-5
	CC15	-0.1073	-1.1202	-0.1394	-1.61E-3	-1.06E-5	1.20E-4
	CC16	-0.1794	-1.1272	-0.1359	-1.58E-3	-1.04E-5	3.20E-4
754	CC1	0.5535	0.1977	-0.0813	1.44E-4	9.51E-7	-5.11E-4
	CC2	0.5295	0.1962	-0.0802	1.50E-4	9.88E-7	-4.44E-4
	CC3	0.5547	-0.5697	-0.0966	-5.51E-4	-3.63E-6	-4.67E-4

	CC4	0.5308	-0.5712	-0.0956	-5.45E-4	-3.60E-6	-4.00E-4
	CC5	-0.5287	0.5386	-0.1197	4.72E-4	3.11E-6	4.10E-4
	CC6	-0.5526	0.5371	-0.1187	4.77E-4	3.15E-6	4.76E-4
	CC7	-0.5274	-0.2288	-0.1351	-2.23E-4	-1.47E-6	4.54E-4
	CC8	-0.5514	-0.2304	-0.1340	-2.17E-4	-1.43E-6	5.20E-4
	CC9	0.2009	1.2141	-0.0781	1.06E-3	7.01E-6	-3.17E-4
	CC10	0.1216	1.2091	-0.0745	1.08E-3	7.14E-6	-9.58E-5
	CC11	-0.1237	1.3164	-0.0896	1.16E-3	7.66E-6	-4.06E-5
	CC12	-0.2030	1.3113	-0.0861	1.18E-3	7.79E-6	1.80E-4
	CC13	0.2051	-1.3440	-0.1292	-1.25E-3	-8.27E-6	-1.70E-4
	CC14	0.1258	-1.3490	-0.1257	-1.23E-3	-8.15E-6	5.04E-5
	CC15	-0.1195	-1.2417	-0.1408	-1.15E-3	-7.62E-6	1.06E-4
	CC16	-0.1988	-1.2468	-0.1372	-1.14E-3	-7.50E-6	3.27E-4
755	CC1	0.4531	0.1347	-0.0168	5.49E-5	-5.90E-4	-4.77E-4
	CC2	0.4620	0.1401	-0.0134	5.64E-5	-6.06E-4	-4.15E-4
	CC3	0.4966	-0.5943	0.0613	4.63E-5	-4.97E-4	-3.78E-4
	CC4	0.5055	-0.5889	0.0646	4.78E-5	-5.14E-4	-3.16E-4
	CC5	-0.4974	0.5552	-0.2481	-4.58E-5	4.92E-4	3.38E-4
	CC6	-0.4885	0.5606	-0.2447	-4.42E-5	4.75E-4	3.99E-4
	CC7	-0.4540	-0.1738	-0.1700	-5.44E-5	5.84E-4	4.37E-4
	CC8	-0.4450	-0.1684	-0.1667	-5.28E-5	5.68E-4	4.99E-4
	CC9	0.0594	1.1261	-0.1926	2.79E-5	-3.00E-4	-3.79E-4
	CC10	0.0890	1.1439	-0.1815	3.31E-5	-3.55E-4	-1.75E-4
	CC11	-0.2258	1.2523	-0.2620	-2.31E-6	2.48E-5	-1.35E-4
	CC12	-0.1962	1.2700	-0.2509	2.85E-6	-3.06E-5	6.98E-5
	CC13	0.2043	-1.3038	0.0675	-8.06E-7	8.65E-6	-4.80E-5
	CC14	0.2339	-1.2860	0.0786	4.36E-6	-4.68E-5	1.56E-4
	CC15	-0.0809	-1.1776	-0.0019	-3.10E-5	3.33E-4	1.96E-4
	CC16	-0.0513	-1.1598	0.0092	-2.58E-5	2.78E-4	4.01E-4
756	CC1	0.4062	0.1232	-0.0169	5.31E-5	-5.70E-4	-4.30E-4
	CC2	0.4139	0.1274	-0.0135	5.45E-5	-5.85E-4	-3.75E-4
	CC3	0.4488	-0.5307	0.0611	4.83E-5	-5.19E-4	-3.16E-4
	CC4	0.4565	-0.5265	0.0645	4.97E-5	-5.34E-4	-2.61E-4
	CC5	-0.4506	0.4979	-0.2477	-4.80E-5	5.15E-4	2.78E-4
	CC6	-0.4430	0.5021	-0.2443	-4.66E-5	5.01E-4	3.33E-4
	CC7	-0.4080	-0.1560	-0.1697	-5.28E-5	5.67E-4	3.92E-4
	CC8	-0.4004	-0.1518	-0.1663	-5.14E-5	5.52E-4	4.47E-4
	CC9	0.0477	1.0124	-0.1926	2.17E-5	-2.33E-4	-3.78E-4
	CC10	0.0731	1.0263	-0.1813	2.62E-5	-2.82E-4	-1.97E-4
	CC11	-0.2093	1.1248	-0.2618	-8.59E-6	9.23E-5	-1.66E-4
	CC12	-0.1839	1.1387	-0.2505	-4.08E-6	4.38E-5	1.54E-5
	CC13	0.1898	-1.1673	0.0673	5.77E-6	-6.20E-5	1.77E-6
	CC14	0.2151	-1.1533	0.0786	1.03E-5	-1.11E-4	1.83E-4
	CC15	-0.0673	-1.0549	-0.0019	-2.45E-5	2.64E-4	2.14E-4
	CC16	-0.0419	-1.0409	0.0094	-2.00E-5	2.15E-4	3.95E-4
757	CC1	0.3637	0.1119	-0.0167	4.73E-5	-5.09E-4	-3.84E-4
	CC2	0.3703	0.1150	-0.0132	4.83E-5	-5.19E-4	-3.35E-4
	CC3	0.4008	-0.4688	0.0604	4.87E-5	-5.23E-4	-2.81E-4
	CC4	0.4075	-0.4657	0.0639	4.97E-5	-5.34E-4	-2.32E-4
	CC5	-0.4035	0.4421	-0.2467	-4.84E-5	5.20E-4	2.45E-4
	CC6	-0.3969	0.4453	-0.2432	-4.74E-5	5.09E-4	2.94E-4
	CC7	-0.3664	-0.1386	-0.1696	-4.71E-5	5.06E-4	3.48E-4
	CC8	-0.3597	-0.1354	-0.1661	-4.61E-5	4.95E-4	3.97E-4
	CC9	0.0441	0.9013	-0.1913	1.11E-5	-1.19E-4	-3.39E-4
	CC10	0.0661	0.9117	-0.1796	1.44E-5	-1.55E-4	-1.80E-4
	CC11	-0.1860	1.0004	-0.2603	-1.76E-5	1.89E-4	-1.51E-4
	CC12	-0.1640	1.0108	-0.2486	-1.43E-5	1.54E-4	9.02E-6
	CC13	0.1680	-1.0343	0.0658	1.55E-5	-1.67E-4	3.89E-6
	CC14	0.1900	-1.0240	0.0774	1.89E-5	-2.03E-4	1.64E-4
	CC15	-0.0622	-0.9352	-0.0032	-1.32E-5	1.42E-4	1.93E-4
	CC16	-0.0402	-0.9249	0.0085	-9.86E-6	1.06E-4	3.52E-4
758	CC1	0.3779	0.1146	-0.0043	5.47E-5	-5.88E-4	-3.88E-4
	CC2	0.3806	0.1174	-0.0006	5.53E-5	-5.94E-4	-3.39E-4
	CC3	0.4082	-0.4669	0.0113	5.21E-5	-5.59E-4	-3.16E-4
	CC4	0.4109	-0.4641	0.0151	5.26E-5	-5.66E-4	-2.67E-4
	CC5	-0.4080	0.4404	-0.2023	-5.18E-5	5.56E-4	2.81E-4
	CC6	-0.4053	0.4432	-0.1986	-5.12E-5	5.50E-4	3.30E-4
	CC7	-0.3778	-0.1411	-0.1866	-5.44E-5	5.84E-4	3.52E-4
	CC8	-0.3751	-0.1384	-0.1829	-5.38E-5	5.78E-4	4.02E-4
	CC9	0.0644	0.9039	-0.0962	1.98E-5	-2.13E-4	-2.94E-4
	CC10	0.0734	0.9131	-0.0839	2.17E-5	-2.33E-4	-1.31E-4
	CC11	-0.1714	1.0016	-0.1556	-1.21E-5	1.30E-4	-9.38E-5

	CC12	-0.1624	1.0108	-0.1433	-1.02E-5	1.10E-4	6.93E-5
	CC13	0.1653	-1.0345	-0.0440	1.11E-5	-1.19E-4	-5.56E-5
	CC14	0.1743	-1.0254	-0.0316	1.30E-5	-1.39E-4	1.08E-4
	CC15	-0.0705	-0.9368	-0.1033	-2.09E-5	2.24E-4	1.45E-4
	CC16	-0.0615	-0.9276	-0.0910	-1.90E-5	2.04E-4	3.08E-4
<b>759</b>	CC1	0.3885	0.1176	0.0109	5.75E-5	-6.18E-4	-3.93E-4
	CC2	0.3872	0.1200	0.0148	5.76E-5	-6.19E-4	-3.43E-4
	CC3	0.4136	-0.4651	-0.0364	5.34E-5	-5.74E-4	-3.31E-4
	CC4	0.4123	-0.4627	-0.0324	5.36E-5	-5.75E-4	-2.82E-4
	CC5	-0.4105	0.4387	-0.1594	-5.31E-5	5.71E-4	2.95E-4
	CC6	-0.4117	0.4411	-0.1554	-5.30E-5	5.69E-4	3.44E-4
	CC7	-0.3854	-0.1440	-0.2067	-5.72E-5	6.14E-4	3.56E-4
	CC8	-0.3867	-0.1416	-0.2027	-5.70E-5	6.13E-4	4.06E-4
	CC9	0.0811	0.9070	0.0019	2.34E-5	-2.51E-4	-2.81E-4
	CC10	0.0769	0.9149	0.0150	2.38E-5	-2.55E-4	-1.17E-4
	CC11	-0.1586	1.0033	-0.0492	-9.82E-6	1.06E-4	-7.46E-5
	CC12	-0.1628	1.0112	-0.0361	-9.41E-6	1.01E-4	8.96E-5
	CC13	0.1646	-1.0352	-0.1557	9.85E-6	-1.06E-4	-7.65E-5
	CC14	0.1604	-1.0273	-0.1426	1.03E-5	-1.10E-4	8.77E-5
	CC15	-0.0751	-0.9389	-0.2068	-2.33E-5	2.51E-4	1.30E-4
	CC16	-0.0793	-0.9310	-0.1937	-2.29E-5	2.46E-4	2.94E-4
<b>760</b>	CC1	0.4702	0.1384	-0.0031	5.15E-5	-5.53E-4	-4.83E-4
	CC2	0.4742	0.1433	0.0007	5.24E-5	-5.63E-4	-4.22E-4
	CC3	0.5061	-0.5922	0.0119	4.43E-5	-4.76E-4	-3.92E-4
	CC4	0.5101	-0.5873	0.0156	4.53E-5	-4.86E-4	-3.30E-4
	CC5	-0.5037	0.5534	-0.2038	-4.35E-5	4.68E-4	3.52E-4
	CC6	-0.4998	0.5583	-0.2001	-4.26E-5	4.58E-4	4.13E-4
	CC7	-0.4679	-0.1772	-0.1888	-5.07E-5	5.44E-4	4.43E-4
	CC8	-0.4639	-0.1723	-0.1851	-4.97E-5	5.34E-4	5.05E-4
	CC9	0.0829	1.1303	-0.0951	2.54E-5	-2.73E-4	-3.69E-4
	CC10	0.0960	1.1466	-0.0827	2.85E-5	-3.07E-4	-1.66E-4
	CC11	-0.2093	1.2548	-0.1553	-3.05E-6	3.28E-5	-1.19E-4
	CC12	-0.1962	1.2711	-0.1429	4.08E-6	-3.94E-7	8.48E-5
	CC13	0.2025	-1.3050	-0.0453	1.70E-6	-1.83E-5	-6.33E-5
	CC14	0.2157	-1.2887	-0.0329	4.79E-6	-5.15E-5	1.40E-4
	CC15	-0.0897	-1.1805	-0.1055	-2.68E-5	2.88E-4	1.87E-4
	CC16	-0.0765	-1.1642	-0.0931	-2.37E-5	2.55E-4	3.91E-4
<b>761</b>	CC1	0.4246	0.1265	-0.0037	5.42E-5	-5.83E-4	-4.35E-4
	CC2	0.4278	0.1303	0.0000	5.50E-5	-5.91E-4	-3.81E-4
	CC3	0.4587	-0.5290	0.0119	4.95E-5	-5.32E-4	-3.42E-4
	CC4	0.4620	-0.5252	0.0156	5.03E-5	-5.40E-4	-2.87E-4
	CC5	-0.4576	0.4965	-0.2034	-4.89E-5	5.26E-4	3.05E-4
	CC6	-0.4543	0.5003	-0.1997	-4.82E-5	5.17E-4	3.60E-4
	CC7	-0.4234	-0.1590	-0.1879	-5.37E-5	5.77E-4	3.99E-4
	CC8	-0.4202	-0.1552	-0.1842	-5.29E-5	5.68E-4	4.54E-4
	CC9	0.0722	1.0163	-0.0961	2.27E-5	-2.44E-4	-3.49E-4
	CC10	0.0829	1.0289	-0.0837	2.53E-5	-2.72E-4	-1.68E-4
	CC11	-0.1925	1.1273	-0.1560	-8.21E-6	8.82E-5	-1.27E-4
	CC12	-0.1817	1.1399	-0.1437	-5.62E-6	6.04E-5	5.45E-5
	CC13	0.1861	-1.1686	-0.0442	6.95E-6	-7.46E-5	-3.62E-5
	CC14	0.1969	-1.1560	-0.0319	9.53E-6	-1.02E-4	1.45E-4
	CC15	-0.0785	-1.0576	-0.1041	-2.40E-5	2.58E-4	1.86E-4
	CC16	-0.0678	-1.0450	-0.0918	-2.14E-5	2.30E-4	3.67E-4
<b>762</b>	CC1	0.4393	0.1299	0.0118	6.01E-5	-6.46E-4	-4.44E-4
	CC2	0.4381	0.1333	0.0158	6.04E-5	-6.49E-4	-3.89E-4
	CC3	0.4668	-0.5278	-0.0359	5.39E-5	-5.79E-4	-3.69E-4
	CC4	0.4656	-0.5244	-0.0319	5.41E-5	-5.82E-4	-3.13E-4
	CC5	-0.4626	0.4954	-0.1608	-5.31E-5	5.70E-4	3.30E-4
	CC6	-0.4638	0.4989	-0.1568	-5.28E-5	5.67E-4	3.85E-4
	CC7	-0.4351	-0.1622	-0.2085	-5.93E-5	6.37E-4	4.05E-4
	CC8	-0.4363	-0.1588	-0.2045	-5.91E-5	6.34E-4	4.60E-4
	CC9	0.0928	1.0212	0.0023	2.75E-5	-2.95E-4	-3.25E-4
	CC10	0.0889	1.0325	0.0157	2.84E-5	-3.05E-4	-1.42E-4
	CC11	-0.1777	1.1308	-0.0494	-6.48E-6	6.97E-5	-9.30E-5
	CC12	-0.1816	1.1422	-0.0361	-5.55E-6	5.97E-5	9.02E-5
	CC13	0.1846	-1.1711	-0.1566	6.62E-6	-7.11E-5	-7.41E-5
	CC14	0.1807	-1.1598	-0.1433	7.55E-6	-8.11E-5	1.09E-4
	CC15	-0.0859	-1.0615	-0.2084	-2.73E-5	2.94E-4	1.58E-4
	CC16	-0.0898	-1.0501	-0.1950	-2.64E-5	2.84E-4	3.41E-4
<b>763</b>	CC1	0.4873	0.1423	0.0125	5.04E-5	-5.41E-4	-4.92E-4
	CC2	0.4863	0.1468	0.0166	5.07E-5	-5.45E-4	-4.30E-4
	CC3	0.5162	-0.5915	-0.0361	4.38E-5	-4.71E-4	-4.05E-4

	CC4	0.5153	-0.5870	-0.0321	4.42E-5	-4.74E-4	-3.43E-4
	CC5	-0.5105	0.5529	-0.1613	-4.25E-5	4.57E-4	3.61E-4
	CC6	-0.5115	0.5574	-0.1572	-4.22E-5	4.54E-4	4.23E-4
	CC7	-0.4816	-0.1809	-0.2099	-4.91E-5	5.27E-4	4.48E-4
	CC8	-0.4825	-0.1764	-0.2058	-4.88E-5	5.24E-4	5.10E-4
	CC9	0.1054	1.1369	0.0037	2.51E-5	-2.70E-4	-3.66E-4
	CC10	0.1021	1.1518	0.0173	2.62E-5	-2.82E-4	-1.62E-4
	CC11	-0.1939	1.2600	-0.0484	-2.76E-6	2.97E-5	-1.10E-4
	CC12	-0.1972	1.2750	-0.0349	-1.67E-6	1.80E-5	9.36E-5
	CC13	0.2019	-1.3091	-0.1585	3.29E-6	-3.53E-5	-7.55E-5
	CC14	0.1987	-1.2941	-0.1449	4.38E-6	-4.71E-5	1.28E-4
	CC15	-0.0974	-1.1859	-0.2106	-2.46E-5	2.64E-4	1.80E-4
	CC16	-0.1007	-1.1710	-0.1971	-2.35E-5	2.52E-4	3.84E-4
<b>764</b>	CC1	0.4400	0.3549	-0.0961	2.66E-4	1.47E-5	-4.79E-4
	CC2	0.4544	0.3329	-0.0936	2.48E-4	1.38E-5	-4.16E-4
	CC3	0.4864	-0.4157	-0.0415	-5.43E-4	-3.01E-5	-4.60E-4
	CC4	0.5008	-0.4378	-0.0391	-5.60E-4	-3.11E-5	-3.97E-4
	CC5	-0.4915	0.4060	-0.1491	4.75E-4	2.64E-5	4.07E-4
	CC6	-0.4771	0.3839	-0.1467	4.58E-4	2.54E-5	4.70E-4
	CC7	-0.4451	-0.3647	-0.0946	-3.33E-4	-1.85E-5	4.26E-4
	CC8	-0.4307	-0.3867	-0.0922	-3.50E-4	-1.94E-5	4.89E-4
	CC9	0.0432	1.2973	-0.1811	1.30E-3	7.23E-5	-2.64E-4
	CC10	0.0910	1.2243	-0.1731	1.24E-3	6.91E-5	-5.58E-5
	CC11	-0.2362	1.3126	-0.1970	1.36E-3	7.57E-5	1.92E-6
	CC12	-0.1885	1.2396	-0.1890	1.31E-3	7.26E-5	2.10E-4
	CC13	0.1978	-1.2714	0.0008	-1.39E-3	-7.73E-5	-2.00E-4
	CC14	0.2455	-1.3444	0.0087	-1.45E-3	-8.05E-5	7.89E-6
	CC15	-0.0817	-1.2561	-0.0152	-1.33E-3	-7.38E-5	6.56E-5
	CC16	-0.0339	-1.3291	-0.0072	-1.39E-3	-7.70E-5	2.74E-4
<b>765</b>	CC1	0.3946	0.3219	-0.0966	4.02E-4	2.23E-5	-4.61E-4
	CC2	0.4073	0.3014	-0.0943	3.83E-4	2.12E-5	-4.04E-4
	CC3	0.4375	-0.3708	-0.0423	-5.97E-4	-3.31E-5	-4.00E-4
	CC4	0.4502	-0.3913	-0.0400	-6.16E-4	-3.42E-5	-3.42E-4
	CC5	-0.4430	0.3650	-0.1477	5.71E-4	3.17E-5	3.37E-4
	CC6	-0.4303	0.3445	-0.1454	5.51E-4	3.06E-5	3.95E-4
	CC7	-0.4001	-0.3277	-0.0934	-4.28E-4	-2.38E-5	3.99E-4
	CC8	-0.3874	-0.3483	-0.0910	-4.47E-4	-2.48E-5	4.56E-4
	CC9	0.0368	1.1689	-0.1806	1.65E-3	9.15E-5	-3.20E-4
	CC10	0.0788	1.1009	-0.1729	1.58E-3	8.79E-5	-1.29E-4
	CC11	-0.2145	1.1818	-0.1959	1.70E-3	9.43E-5	-8.03E-5
	CC12	-0.1725	1.1139	-0.1882	1.63E-3	9.07E-5	1.11E-4
	CC13	0.1797	-1.1402	0.0005	-1.68E-3	-9.33E-5	-1.16E-4
	CC14	0.2217	-1.2082	0.0082	-1.74E-3	-9.68E-5	7.53E-5
	CC15	-0.0715	-1.1273	-0.0148	-1.63E-3	-9.05E-5	1.24E-4
	CC16	-0.0296	-1.1952	-0.0071	-1.69E-3	-9.40E-5	3.15E-4
<b>766</b>	CC1	0.3526	0.2865	-0.0975	3.71E-4	2.06E-5	-4.39E-4
	CC2	0.3637	0.2677	-0.0952	3.51E-4	1.95E-5	-3.87E-4
	CC3	0.3913	-0.3243	-0.0437	-5.86E-4	-3.25E-5	-3.33E-4
	CC4	0.4024	-0.3432	-0.0414	-6.06E-4	-3.36E-5	-2.81E-4
	CC5	-0.3970	0.3213	-0.1455	5.45E-4	3.03E-5	2.58E-4
	CC6	-0.3859	0.3025	-0.1433	5.25E-4	2.91E-5	3.10E-4
	CC7	-0.3583	-0.2895	-0.0917	-4.12E-4	-2.29E-5	3.64E-4
	CC8	-0.3472	-0.3084	-0.0895	-4.32E-4	-2.40E-5	4.16E-4
	CC9	0.0323	1.0332	-0.1796	1.57E-3	8.73E-5	-3.80E-4
	CC10	0.0690	0.9707	-0.1723	1.51E-3	8.36E-5	-2.07E-4
	CC11	-0.1925	1.0436	-0.1940	1.62E-3	9.02E-5	-1.71E-4
	CC12	-0.1559	0.9811	-0.1867	1.56E-3	8.65E-5	2.40E-6
	CC13	0.1613	-1.0030	-0.0003	-1.62E-3	-8.99E-5	-2.57E-5
	CC14	0.1980	-1.0655	0.0071	-1.69E-3	-9.35E-5	1.47E-4
	CC15	-0.0635	-0.9925	-0.0147	-1.57E-3	-8.70E-5	1.83E-4
	CC16	-0.0269	-1.0550	-0.0073	-1.63E-3	-9.06E-5	3.56E-4
<b>767</b>	CC1	0.3537	0.3276	-0.1341	3.97E-4	2.21E-5	-3.92E-4
	CC2	0.3650	0.3041	-0.1328	3.69E-4	2.05E-5	-3.42E-4
	CC3	0.3924	-0.2914	-0.0816	-5.97E-4	-3.31E-5	-3.57E-4
	CC4	0.4038	-0.3149	-0.0802	-6.25E-4	-3.47E-5	-3.07E-4
	CC5	-0.3983	0.2947	-0.1085	5.59E-4	3.10E-5	2.94E-4
	CC6	-0.3869	0.2712	-0.1071	5.31E-4	2.95E-5	3.44E-4
	CC7	-0.3596	-0.3244	-0.0559	-4.35E-4	-2.42E-5	3.29E-4
	CC8	-0.3482	-0.3479	-0.0545	-4.63E-4	-2.57E-5	3.79E-4
	CC9	0.0322	1.0655	-0.1881	1.65E-3	9.14E-5	-2.51E-4
	CC10	0.0698	0.9876	-0.1835	1.55E-3	8.63E-5	-8.64E-5
	CC11	-0.1934	1.0556	-0.1804	1.70E-3	9.41E-5	-4.52E-5



	CC12	-0.1558	0.9778	-0.1758	1.60E-3	8.90E-5	1.19E-4
	CC13	0.1613	-0.9980	-0.0128	-1.67E-3	-9.26E-5	-1.32E-4
	CC14	0.1989	-1.0758	-0.0082	-1.76E-3	-9.77E-5	3.22E-5
	CC15	-0.0643	-1.0079	-0.0051	-1.62E-3	-8.99E-5	7.34E-5
	CC16	-0.0267	-1.0857	-0.0005	-1.71E-3	-9.50E-5	2.38E-4
<b>768</b>	CC1	0.3546	0.3591	-0.1662	3.77E-4	2.09E-5	-2.88E-4
	CC2	0.3662	0.3313	-0.1657	3.43E-4	1.90E-5	-2.45E-4
	CC3	0.3932	-0.2594	-0.1140	-6.04E-4	-3.35E-5	-3.84E-4
	CC4	0.4048	-0.2871	-0.1134	-6.38E-4	-3.54E-5	-3.41E-4
	CC5	-0.3992	0.2669	-0.0772	5.62E-4	3.12E-5	3.51E-4
	CC6	-0.3876	0.2392	-0.0767	5.28E-4	2.93E-5	3.94E-4
	CC7	-0.3605	-0.3516	-0.0249	-4.19E-4	-2.32E-5	2.55E-4
	CC8	-0.3489	-0.3793	-0.0244	-4.53E-4	-2.51E-5	2.98E-4
	CC9	0.0323	1.0804	-0.1967	1.63E-3	9.02E-5	-2.44E-6
	CC10	0.0706	0.9886	-0.1949	1.51E-3	8.40E-5	1.40E-4
	CC11	-0.1939	1.0528	-0.1700	1.68E-3	9.33E-5	1.89E-4
	CC12	-0.1555	0.9609	-0.1682	1.57E-3	8.71E-5	3.31E-4
	CC13	0.1611	-0.9811	-0.0225	-1.64E-3	-9.13E-5	-3.21E-4
	CC14	0.1995	-1.0730	-0.0207	-1.76E-3	-9.75E-5	-1.79E-4
	CC15	-0.0650	-1.0088	0.0042	-1.59E-3	-8.82E-5	-1.30E-4
	CC16	-0.0266	-1.1006	0.0060	-1.70E-3	-9.44E-5	1.23E-5
<b>769</b>	CC1	0.4409	0.4038	-0.1362	3.21E-4	1.78E-5	-5.05E-4
	CC2	0.4556	0.3760	-0.1347	2.98E-4	1.65E-5	-4.42E-4
	CC3	0.4874	-0.3714	-0.0826	-5.20E-4	-2.89E-5	-4.43E-4
	CC4	0.5021	-0.3992	-0.0811	-5.43E-4	-3.02E-5	-3.79E-4
	CC5	-0.4928	0.3671	-0.1091	4.71E-4	2.61E-5	3.75E-4
	CC6	-0.4781	0.3393	-0.1076	4.48E-4	2.49E-5	4.39E-4
	CC7	-0.4463	-0.4081	-0.0555	-3.70E-4	-2.05E-5	4.37E-4
	CC8	-0.4316	-0.4359	-0.0540	-3.93E-4	-2.18E-5	5.01E-4
	CC9	0.0428	1.3274	-0.1909	1.38E-3	7.67E-5	-3.44E-4
	CC10	0.0916	1.2354	-0.1861	1.30E-3	7.24E-5	-1.32E-4
	CC11	-0.2373	1.3164	-0.1827	1.43E-3	7.92E-5	-7.97E-5
	CC12	-0.1885	1.2244	-0.1780	1.35E-3	7.49E-5	1.32E-4
	CC13	0.1978	-1.2565	-0.0122	-1.42E-3	-7.89E-5	-1.36E-4
	CC14	0.2466	-1.3486	-0.0074	-1.50E-3	-8.32E-5	7.52E-5
	CC15	-0.0824	-1.2676	-0.0041	-1.38E-3	-7.64E-5	1.28E-4
	CC16	-0.0335	-1.3596	0.0007	-1.45E-3	-8.07E-5	3.39E-4
<b>770</b>	CC1	0.3962	0.3671	-0.1352	3.66E-4	2.03E-5	-4.53E-4
	CC2	0.4092	0.3414	-0.1338	3.41E-4	1.89E-5	-3.96E-4
	CC3	0.4391	-0.3321	-0.0820	-5.75E-4	-3.19E-5	-4.00E-4
	CC4	0.4521	-0.3578	-0.0806	-6.01E-4	-3.33E-5	-3.43E-4
	CC5	-0.4449	0.3318	-0.1090	5.34E-4	2.96E-5	3.39E-4
	CC6	-0.4319	0.3060	-0.1076	5.08E-4	2.82E-5	3.96E-4
	CC7	-0.4020	-0.3674	-0.0558	-4.08E-4	-2.27E-5	3.92E-4
	CC8	-0.3890	-0.3932	-0.0544	-4.33E-4	-2.41E-5	4.49E-4
	CC9	0.0368	1.2002	-0.1898	1.55E-3	8.62E-5	-3.04E-4
	CC10	0.0798	1.1150	-0.1851	1.47E-3	8.15E-5	-1.14E-4
	CC11	-0.2155	1.1896	-0.1819	1.60E-3	8.90E-5	-6.61E-5
	CC12	-0.1725	1.1043	-0.1772	1.52E-3	8.43E-5	1.24E-4
	CC13	0.1798	-1.1304	-0.0124	-1.59E-3	-8.81E-5	-1.28E-4
	CC14	0.2228	-1.2157	-0.0077	-1.67E-3	-9.27E-5	6.23E-5
	CC15	-0.0726	-1.1410	-0.0045	-1.54E-3	-8.53E-5	1.10E-4
	CC16	-0.0295	-1.2263	0.0002	-1.62E-3	-8.99E-5	3.00E-4
<b>771</b>	CC1	0.3981	0.4076	-0.1680	4.02E-4	2.23E-5	-4.42E-4
	CC2	0.4114	0.3767	-0.1675	3.62E-4	2.01E-5	-3.86E-4
	CC3	0.4412	-0.2973	-0.1154	-6.90E-4	-3.83E-5	-3.96E-4
	CC4	0.4544	-0.3282	-0.1149	-7.30E-4	-4.05E-5	-3.40E-4
	CC5	-0.4471	0.3023	-0.0770	6.73E-4	3.74E-5	3.38E-4
	CC6	-0.4339	0.2714	-0.0765	6.34E-4	3.52E-5	3.95E-4
	CC7	-0.4041	-0.4026	-0.0244	-4.18E-4	-2.32E-5	3.85E-4
	CC8	-0.3908	-0.4335	-0.0239	-4.58E-4	-2.54E-5	4.41E-4
	CC9	0.0367	1.2288	-0.1982	1.82E-3	1.01E-4	-2.88E-4
	CC10	0.0806	1.1264	-0.1965	1.68E-3	9.35E-5	-1.01E-4
	CC11	-0.2169	1.1972	-0.1709	1.90E-3	1.05E-4	-5.42E-5
	CC12	-0.1729	1.0948	-0.1692	1.77E-3	9.80E-5	1.33E-4
	CC13	0.1802	-1.1207	-0.0227	-1.82E-3	-1.01E-4	-1.34E-4
	CC14	0.2242	-1.2231	-0.0210	-1.95E-3	-1.08E-4	5.30E-5
	CC15	-0.0733	-1.1523	0.0046	-1.74E-3	-9.66E-5	9.97E-5
	CC16	-0.0294	-1.2547	0.0063	-1.87E-3	-1.04E-4	2.87E-4
<b>772</b>	CC1	0.4423	0.4533	-0.1696	3.28E-4	1.82E-5	-5.90E-4
	CC2	0.4574	0.4194	-0.1691	3.00E-4	1.67E-5	-5.20E-4
	CC3	0.4893	-0.3344	-0.1167	-5.01E-4	-2.78E-5	-4.10E-4

	CC4	0.5044	-0.3682	-0.1161	-5.29E-4	-2.94E-5	-3.41E-4
	CC5	-0.4953	0.3367	-0.0768	4.53E-4	2.52E-5	3.30E-4
	CC6	-0.4802	0.3028	-0.0763	4.25E-4	2.36E-5	4.00E-4
	CC7	-0.4483	-0.4510	-0.0238	-3.76E-4	-2.09E-5	5.10E-4
	CC8	-0.4333	-0.4849	-0.0233	-4.04E-4	-2.24E-5	5.79E-4
	CC9	0.0420	1.3705	-0.1996	1.37E-3	7.61E-5	-5.58E-4
	CC10	0.0919	1.2584	-0.1978	1.28E-3	7.10E-5	-3.27E-4
	CC11	-0.2393	1.3355	-0.1717	1.41E-3	7.82E-5	-2.82E-4
	CC12	-0.1894	1.2234	-0.1700	1.32E-3	7.31E-5	-5.12E-5
	CC13	0.1984	-1.2550	-0.0229	-1.39E-3	-7.73E-5	4.05E-5
	CC14	0.2484	-1.3671	-0.0212	-1.48E-3	-8.24E-5	2.71E-4
	CC15	-0.0829	-1.2900	0.0049	-1.35E-3	-7.52E-5	3.17E-4
	CC16	-0.0329	-1.4021	0.0067	-1.45E-3	-8.03E-5	5.47E-4
773	CC1	0.4431	0.7586	-0.1761	8.26E-4	1.10E-29	-5.00E-4
	CC2	0.4587	0.6865	-0.1708	7.52E-4	1.10E-29	-4.38E-4
	CC3	0.4898	-0.0804	-0.1149	-1.35E-4	7.12E-3	-4.56E-4
	CC4	0.5055	-0.1524	-0.1095	-2.10E-4	7.12E-3	-3.94E-4
	CC5	-0.4976	0.1251	-0.1180	1.61E-4	-7.12E-3	3.78E-4
	CC6	-0.4819	0.0530	-0.1127	8.62E-5	-7.12E-3	4.40E-4
	CC7	-0.4508	-0.7139	-0.0568	-8.00E-4	-1.10E-29	4.22E-4
	CC8	-0.4352	-0.7859	-0.0515	-8.75E-4	-1.10E-29	4.84E-4
	CC9	0.0412	1.5989	-0.2333	1.80E-3	9.17E-3	-3.16E-4
	CC10	0.0930	1.3604	-0.2157	1.55E-3	9.17E-3	-1.10E-4
	CC11	-0.2410	1.4089	-0.2159	1.60E-3	3.73E-3	-5.23E-5
	CC12	-0.1892	1.1703	-0.1983	1.35E-3	3.73E-3	1.53E-4
	CC13	0.1971	-1.1977	-0.0292	-1.40E-3	-3.73E-3	-1.68E-4
	CC14	0.2489	-1.4362	-0.0117	-1.65E-3	-3.73E-3	3.68E-5
	CC15	-0.0851	-1.3877	-0.0118	-1.60E-3	-9.17E-3	9.50E-5
	CC16	-0.0333	-1.6263	0.0058	-1.85E-3	-9.17E-3	3.00E-4
774	CC1	0.3985	0.6758	-0.1747	1.09E-3	1.97E-28	-4.71E-4
	CC2	0.4123	0.6112	-0.1695	1.00E-3	1.97E-28	-4.14E-4
	CC3	0.4413	-0.0684	-0.1138	-1.50E-4	1.28E-28	-3.92E-4
	CC4	0.4551	-0.1331	-0.1085	-2.42E-4	1.28E-28	-3.35E-4
	CC5	-0.4485	0.1090	-0.1177	2.15E-4	-1.28E-28	3.18E-4
	CC6	-0.4347	0.0444	-0.1124	1.23E-4	-1.28E-28	3.75E-4
	CC7	-0.4057	-0.6352	-0.0568	-1.03E-3	-1.97E-28	3.96E-4
	CC8	-0.3919	-0.6999	-0.0515	-1.12E-3	-1.97E-28	4.53E-4
	CC9	0.0361	1.4204	-0.2320	2.34E-3	1.63E-28	-3.52E-4
	CC10	0.0819	1.2064	-0.2145	2.04E-3	1.63E-28	-1.63E-4
	CC11	-0.2179	1.2504	-0.2149	2.08E-3	6.60E-29	-1.16E-4
	CC12	-0.1722	1.0364	-0.1974	1.77E-3	6.60E-29	7.32E-5
	CC13	0.1788	-1.0605	-0.0289	-1.80E-3	-6.60E-29	-9.08E-5
	CC14	0.2246	-1.2744	-0.0114	-2.11E-3	-6.60E-29	9.79E-5
	CC15	-0.0753	-1.2305	-0.0118	-2.06E-3	-1.63E-28	1.46E-4
	CC16	-0.0295	-1.4445	0.0057	-2.37E-3	-1.63E-28	3.34E-4
775	CC1	0.3540	0.5880	-0.1738	9.84E-4	3.67E-29	-4.44E-4
	CC2	0.3660	0.5311	-0.1685	9.02E-4	3.67E-29	-3.91E-4
	CC3	0.3927	-0.0585	-0.1131	-1.26E-4	2.38E-29	-3.30E-4
	CC4	0.4047	-0.1154	-0.1079	-2.08E-4	2.38E-29	-2.77E-4
	CC5	-0.3993	0.0945	-0.1169	1.61E-4	-2.38E-29	2.57E-4
	CC6	-0.3873	0.0376	-0.1116	7.89E-5	-2.38E-29	3.10E-4
	CC7	-0.3606	-0.5519	-0.0562	-9.49E-4	-3.67E-29	3.71E-4
	CC8	-0.3486	-0.6088	-0.0509	-1.03E-3	-3.67E-29	4.24E-4
	CC9	0.0314	1.2351	-0.2308	2.08E-3	3.05E-29	-3.92E-4
	CC10	0.0711	1.0468	-0.2133	1.81E-3	3.05E-29	-2.18E-4
	CC11	-0.1946	1.0871	-0.2137	1.84E-3	1.24E-29	-1.82E-4
	CC12	-0.1549	0.8987	-0.1962	1.57E-3	1.24E-29	-7.90E-6
	CC13	0.1603	-0.9196	-0.0285	-1.61E-3	-1.24E-29	-1.22E-5
	CC14	0.2000	-1.1080	-0.0110	-1.89E-3	-1.24E-29	1.62E-4
	CC15	-0.0657	-1.0676	-0.0115	-1.86E-3	-3.05E-29	1.98E-4
	CC16	-0.0260	-1.2560	0.0060	-2.13E-3	-3.05E-29	3.72E-4
776	CC1	0.3551	0.6249	-0.1881	1.03E-3	4.58E-29	-3.83E-4
	CC2	0.3671	0.5635	-0.1841	9.41E-4	4.58E-29	-3.36E-4
	CC3	0.3937	-0.0290	-0.1314	-7.00E-5	2.98E-29	-3.33E-4
	CC4	0.4057	-0.0904	-0.1274	-1.58E-4	2.98E-29	-2.86E-4
	CC5	-0.4001	0.0713	-0.0981	1.13E-4	-2.98E-29	2.68E-4
	CC6	-0.3881	0.0099	-0.0941	2.59E-5	-2.98E-29	3.15E-4
	CC7	-0.3615	-0.5826	-0.0415	-9.85E-4	-4.58E-29	3.18E-4
	CC8	-0.3495	-0.6440	-0.0375	-1.07E-3	-4.58E-29	3.65E-4
	CC9	0.0318	1.2649	-0.2273	2.09E-3	3.81E-29	-2.68E-4
	CC10	0.0716	1.0617	-0.2140	1.80E-3	3.81E-29	-1.11E-4
	CC11	-0.1947	1.0989	-0.2004	1.82E-3	1.54E-29	-7.31E-5

	CC12	-0.1550	0.8957	-0.1870	1.53E-3	1.54E-29	8.40E-5
	CC13	0.1605	-0.9148	-0.0385	-1.57E-3	-1.54E-29	-1.02E-4
	CC14	0.2003	-1.1180	-0.0252	-1.86E-3	-1.54E-29	5.52E-5
	CC15	-0.0660	-1.0808	-0.0115	-1.84E-3	-3.81E-29	9.35E-5
	CC16	-0.0263	-1.2840	0.0018	-2.13E-3	-3.81E-29	2.51E-4
777	CC1	0.3548	0.6557	-0.2231	1.10E-3	1.00E-28	-3.13E-4
	CC2	0.3668	0.5904	-0.2203	1.01E-3	1.00E-28	-2.71E-4
	CC3	0.3932	0.0004	-0.1700	-1.32E-5	6.50E-29	-3.29E-4
	CC4	0.4052	-0.0650	-0.1672	-1.09E-4	6.50E-29	-2.88E-4
	CC5	-0.3995	0.0472	-0.0593	7.08E-5	-6.50E-29	2.75E-4
	CC6	-0.3875	-0.0181	-0.0565	-2.48E-5	-6.50E-29	3.16E-4
	CC7	-0.3610	-0.6081	-0.0062	-1.04E-3	-1.00E-28	2.58E-4
	CC8	-0.3491	-0.6734	-0.0034	-1.14E-3	-1.00E-28	3.00E-4
	CC9	0.0322	1.2828	-0.2310	2.15E-3	8.34E-29	-1.36E-4
	CC10	0.0718	1.0665	-0.2218	1.84E-3	8.34E-29	1.11E-6
	CC11	-0.1941	1.1002	-0.1819	1.84E-3	3.39E-29	4.02E-5
	CC12	-0.1545	0.8840	-0.1726	1.53E-3	3.39E-29	1.77E-4
	CC13	0.1603	-0.9017	-0.0539	-1.56E-3	-3.39E-29	-1.90E-4
	CC14	0.1998	-1.1180	-0.0446	-1.88E-3	-3.39E-29	-5.31E-5
	CC15	-0.0660	-1.0842	-0.0047	-1.87E-3	-8.34E-29	-1.41E-5
	CC16	-0.0265	-1.3005	0.0045	-2.19E-3	-8.34E-29	1.23E-4
778	CC1	0.4415	0.8039	-0.1902	8.69E-4	6.22E-29	-5.23E-4
	CC2	0.4571	0.7261	-0.1862	7.88E-4	6.22E-29	-4.59E-4
	CC3	0.4882	-0.0398	-0.1329	-8.55E-5	4.04E-29	-4.56E-4
	CC4	0.5038	-0.1175	-0.1289	-1.67E-4	4.04E-29	-3.92E-4
	CC5	-0.4959	0.0920	-0.0992	1.22E-4	-4.04E-29	3.65E-4
	CC6	-0.4804	0.0143	-0.0952	4.11E-5	-4.04E-29	4.29E-4
	CC7	-0.4492	-0.7516	-0.0419	-8.33E-4	-6.22E-29	4.32E-4
	CC8	-0.4337	-0.8293	-0.0378	-9.14E-4	-6.22E-29	4.96E-4
	CC9	0.0409	1.6287	-0.2300	1.82E-3	5.18E-29	-3.64E-4
	CC10	0.0925	1.3714	-0.2166	1.55E-3	5.18E-29	-1.52E-4
	CC11	-0.2403	1.4151	-0.2027	1.59E-3	2.10E-29	-9.74E-5
	CC12	-0.1887	1.1579	-0.1893	1.32E-3	2.10E-29	1.15E-4
	CC13	0.1966	-1.1833	-0.0388	-1.37E-3	-2.10E-29	-1.41E-4
	CC14	0.2482	-1.4406	-0.0254	-1.64E-3	-2.10E-29	7.07E-5
	CC15	-0.0847	-1.3969	-0.0115	-1.59E-3	-5.18E-29	1.25E-4
	CC16	-0.0331	-1.6542	0.0019	-1.86E-3	-5.18E-29	3.37E-4
779	CC1	0.3983	0.7171	-0.1895	1.14E-3	1.70E-28	-4.50E-4
	CC2	0.4121	0.6474	-0.1855	1.04E-3	1.70E-28	-3.95E-4
	CC3	0.4410	-0.0332	-0.1324	-7.48E-5	1.10E-28	-3.95E-4
	CC4	0.4549	-0.1029	-0.1284	-1.74E-4	1.10E-28	-3.39E-4
	CC5	-0.4482	0.0806	-0.0987	1.45E-4	-1.10E-28	3.18E-4
	CC6	-0.4344	0.0109	-0.0946	4.54E-5	-1.10E-28	3.73E-4
	CC7	-0.4054	-0.6697	-0.0415	-1.07E-3	-1.70E-28	3.73E-4
	CC8	-0.3916	-0.7394	-0.0375	-1.17E-3	-1.70E-28	4.29E-4
	CC9	0.0362	1.4502	-0.2290	2.32E-3	1.42E-28	-3.10E-4
	CC10	0.0819	1.2195	-0.2157	1.99E-3	1.42E-28	-1.26E-4
	CC11	-0.2178	1.2592	-0.2018	2.02E-3	5.83E-29	-7.97E-5
	CC12	-0.1721	1.0286	-0.1884	1.69E-3	5.83E-29	1.04E-4
	CC13	0.1787	-1.0508	-0.0386	-1.72E-3	-5.83E-29	-1.25E-4
	CC14	0.2244	-1.2815	-0.0252	-2.05E-3	-5.83E-29	5.82E-5
	CC15	-0.0752	-1.2418	-0.0114	-2.02E-3	-1.42E-28	1.05E-4
	CC16	-0.0295	-1.4725	0.0020	-2.35E-3	-1.42E-28	2.89E-4
780	CC1	0.3984	0.7562	-0.2244	1.27E-3	1.37E-28	-4.29E-4
	CC2	0.4122	0.6817	-0.2216	1.15E-3	1.37E-28	-3.74E-4
	CC3	0.4413	0.0019	-0.1706	2.01E-6	8.88E-29	-3.93E-4
	CC4	0.4551	-0.0726	-0.1678	-1.11E-4	8.88E-29	-3.39E-4
	CC5	-0.4484	0.0523	-0.0603	8.76E-5	-8.88E-29	3.18E-4
	CC6	-0.4346	-0.0223	-0.0575	-2.54E-5	-8.88E-29	3.72E-4
	CC7	-0.4056	-0.7020	-0.0066	-1.18E-3	-1.37E-28	3.54E-4
	CC8	-0.3918	-0.7766	-0.0037	-1.29E-3	-1.37E-28	4.08E-4
	CC9	0.0361	1.4760	-0.2329	2.46E-3	1.14E-28	-2.71E-4
	CC10	0.0818	1.2291	-0.2236	2.08E-3	1.14E-28	-9.18E-5
	CC11	-0.2180	1.2648	-0.1837	2.10E-3	4.67E-29	-4.71E-5
	CC12	-0.1722	1.0179	-0.1744	1.73E-3	4.67E-29	1.32E-4
	CC13	0.1789	-1.0383	-0.0537	-1.75E-3	-4.67E-29	-1.53E-4
	CC14	0.2246	-1.2852	-0.0444	-2.13E-3	-4.67E-29	2.66E-5
	CC15	-0.0752	-1.2495	-0.0045	-2.11E-3	-1.14E-28	7.12E-5
	CC16	-0.0295	-1.4964	0.0048	-2.48E-3	-1.14E-28	2.51E-4
781	CC1	0.4422	0.8517	-0.2257	9.52E-4	7.26E-29	-5.50E-4
	CC2	0.4578	0.7681	-0.2229	8.62E-4	7.26E-29	-4.83E-4
	CC3	0.4892	0.0009	-0.1718	-3.48E-5	4.70E-29	-4.58E-4

	CC4	0.5049	-0.0827	-0.1690	-1.25E-4	4.70E-29	-3.91E-4
	CC5	-0.4972	0.0598	-0.0604	8.96E-5	-4.70E-29	3.62E-4
	CC6	-0.4816	-0.0239	-0.0576	-7.21E-7	-4.70E-29	4.29E-4
	CC7	-0.4502	-0.7911	-0.0064	-8.97E-4	-7.26E-29	4.54E-4
	CC8	-0.4345	-0.8747	-0.0036	-9.87E-4	-7.26E-29	5.21E-4
	CC9	0.0404	1.6638	-0.2340	1.91E-3	6.07E-29	-4.16E-4
	CC10	0.0922	1.3870	-0.2248	1.61E-3	6.07E-29	-1.94E-4
	CC11	-0.2414	1.4262	-0.1844	1.65E-3	2.48E-29	-1.43E-4
	CC12	-0.1896	1.1494	-0.1752	1.35E-3	2.48E-29	7.95E-5
	CC13	0.1972	-1.1723	-0.0542	-1.38E-3	-2.48E-29	-1.09E-4
	CC14	0.2491	-1.4491	-0.0449	-1.68E-3	-2.48E-29	1.13E-4
	CC15	-0.0846	-1.4099	-0.0046	-1.64E-3	-6.07E-29	1.65E-4
	CC16	-0.0328	-1.6867	0.0047	-1.94E-3	-6.07E-29	3.87E-4
782	CC1	0.5382	1.1018	-0.1399	1.88E-5	-5.95E-4	-4.54E-4
	CC2	0.5191	0.9862	-0.1453	2.11E-5	-5.77E-4	-3.97E-4
	CC3	0.5438	0.2234	-0.1736	-2.12E-4	-6.04E-4	-4.06E-4
	CC4	0.5246	0.1078	-0.1791	-2.10E-4	-5.86E-4	-3.49E-4
	CC5	-0.5270	-0.1222	-0.0469	1.97E-4	5.97E-4	3.49E-4
	CC6	-0.5462	-0.2378	-0.0523	2.00E-4	6.15E-4	4.06E-4
	CC7	-0.5215	-1.0006	-0.0806	-3.39E-5	5.88E-4	3.96E-4
	CC8	-0.5406	-1.1162	-0.0861	-3.15E-5	6.06E-4	4.53E-4
	CC9	0.1811	1.8317	-0.0616	3.48E-4	-1.88E-4	-2.95E-4
	CC10	0.1176	1.4490	-0.0797	3.56E-4	-1.28E-4	-1.05E-4
	CC11	-0.1385	1.4645	-0.0337	4.02E-4	1.70E-4	-5.40E-5
	CC12	-0.2020	1.0818	-0.0518	4.09E-4	2.29E-4	1.36E-4
	CC13	0.1996	-1.0962	-0.1741	-4.22E-4	-2.18E-4	-1.36E-4
	CC14	0.1361	-1.4789	-0.1922	-4.14E-4	-1.59E-4	5.37E-5
	CC15	-0.1200	-1.4634	-0.1462	-3.69E-4	1.40E-4	1.05E-4
	CC16	-0.1835	-1.8461	-0.1643	-3.61E-4	1.99E-4	2.94E-4
783	CC1	0.4853	0.9908	-0.1398	-1.83E-5	-6.82E-4	-4.35E-4
	CC2	0.4680	0.8864	-0.1444	-1.51E-5	-6.53E-4	-3.81E-4
	CC3	0.4913	0.2018	-0.1648	-3.38E-5	-6.34E-4	-3.75E-4
	CC4	0.4740	0.0974	-0.1694	-3.06E-5	-6.05E-4	-3.21E-4
	CC5	-0.4756	-0.1108	-0.0557	3.23E-5	6.13E-4	3.20E-4
	CC6	-0.4930	-0.2153	-0.0603	3.55E-5	6.43E-4	3.74E-4
	CC7	-0.4696	-0.8998	-0.0807	1.68E-5	6.61E-4	3.80E-4
	CC8	-0.4870	-1.0043	-0.0853	2.00E-5	6.90E-4	4.34E-4
	CC9	0.1621	1.6464	-0.0759	1.37E-5	-3.18E-4	-3.04E-4
	CC10	0.1045	1.3007	-0.0911	2.43E-5	-2.21E-4	-1.24E-4
	CC11	-0.1262	1.3159	-0.0506	2.89E-5	7.08E-5	-7.75E-5
	CC12	-0.1838	0.9702	-0.0659	3.95E-5	1.68E-4	1.02E-4
	CC13	0.1821	-0.9836	-0.1592	-3.78E-5	-1.60E-4	-1.03E-4
	CC14	0.1246	-1.3294	-0.1745	-2.72E-5	-6.28E-5	7.65E-5
	CC15	-0.1062	-1.3141	-0.1340	-2.26E-5	2.29E-4	1.23E-4
	CC16	-0.1637	-1.6599	-0.1492	-1.20E-5	3.26E-4	3.03E-4
784	CC1	0.4305	0.8740	-0.1387	2.07E-4	-6.24E-4	-3.84E-4
	CC2	0.4153	0.7814	-0.1435	1.89E-4	-5.98E-4	-3.35E-4
	CC3	0.4380	0.1773	-0.1651	8.91E-5	-6.35E-4	-3.31E-4
	CC4	0.4228	0.0846	-0.1698	7.13E-5	-6.09E-4	-2.83E-4
	CC5	-0.4233	-0.0971	-0.0534	-2.09E-5	6.32E-4	2.84E-4
	CC6	-0.4385	-0.1897	-0.0582	-3.88E-5	6.57E-4	3.33E-4
	CC7	-0.4158	-0.7939	-0.0798	-1.39E-4	6.21E-4	3.37E-4
	CC8	-0.4310	-0.8865	-0.0845	-1.57E-4	6.46E-4	3.86E-4
	CC9	0.1404	1.4540	-0.0726	2.85E-4	-2.01E-4	-2.67E-4
	CC10	0.0903	1.1474	-0.0883	2.26E-4	-1.17E-4	-1.07E-4
	CC11	-0.1157	1.1627	-0.0470	2.17E-4	1.76E-4	-6.69E-5
	CC12	-0.1659	0.8561	-0.0627	1.58E-4	2.60E-4	9.37E-5
	CC13	0.1654	-0.8686	-0.1605	-1.08E-4	-2.37E-4	-9.19E-5
	CC14	0.1153	-1.1751	-0.1762	-1.67E-4	-1.54E-4	6.87E-5
	CC15	-0.0907	-1.1599	-0.1349	-1.76E-4	1.39E-4	1.09E-4
	CC16	-0.1409	-1.4665	-0.1506	-2.35E-4	2.23E-4	2.69E-4
785	CC1	0.4159	0.8727	-0.1581	-6.68E-5	-5.96E-4	-3.81E-4
	CC2	0.4055	0.7803	-0.1574	-8.09E-5	-5.84E-4	-3.32E-4
	CC3	0.4272	0.1773	-0.1515	-1.88E-4	-6.18E-4	-3.34E-4
	CC4	0.4168	0.0849	-0.1508	-2.02E-4	-6.06E-4	-2.84E-4
	CC5	-0.4160	-0.0969	-0.0700	1.76E-4	6.22E-4	2.91E-4
	CC6	-0.4263	-0.1894	-0.0692	1.62E-4	6.34E-4	3.40E-4
	CC7	-0.4047	-0.7923	-0.0634	5.50E-5	6.00E-4	3.38E-4
	CC8	-0.4150	-0.8848	-0.0626	4.09E-5	6.12E-4	3.87E-4
	CC9	0.1234	1.4515	-0.1359	1.75E-4	-1.58E-4	-2.58E-4
	CC10	0.0893	1.1454	-0.1334	1.29E-4	-1.19E-4	-9.49E-5
	CC11	-0.1261	1.1606	-0.1094	2.48E-4	2.07E-4	-5.67E-5

	CC12	-0.1603	0.8545	-0.1069	2.01E-4	2.47E-4	1.07E-4
	CC13	0.1611	-0.8665	-0.1138	-2.27E-4	-2.31E-4	-1.00E-4
	CC14	0.1270	-1.1726	-0.1113	-2.74E-4	-1.91E-4	6.30E-5
	CC15	-0.0884	-1.1574	-0.0874	-1.54E-4	1.35E-4	1.01E-4
	CC16	-0.1226	-1.4635	-0.0848	-2.01E-4	1.74E-4	2.65E-4
786	CC1	0.4670	0.9891	-0.1603	4.70E-5	-5.89E-4	-4.36E-4
	CC2	0.4557	0.8848	-0.1599	4.40E-5	-5.83E-4	-3.79E-4
	CC3	0.4807	0.2017	-0.1529	2.31E-5	-6.53E-4	-3.77E-4
	CC4	0.4694	0.0974	-0.1524	2.02E-5	-6.46E-4	-3.21E-4
	CC5	-0.4696	-0.1114	-0.0697	-1.46E-5	6.56E-4	3.27E-4
	CC6	-0.4809	-0.2157	-0.0692	-1.76E-5	6.63E-4	3.84E-4
	CC7	-0.4559	-0.8987	-0.0623	-3.84E-5	5.93E-4	3.85E-4
	CC8	-0.4673	-1.0030	-0.0618	-4.14E-5	5.99E-4	4.42E-4
	CC9	0.1364	1.6430	-0.1379	5.67E-5	-8.63E-5	-3.02E-4
	CC10	0.0988	1.2977	-0.1362	4.68E-5	-6.56E-5	-1.15E-4
	CC11	-0.1446	1.3129	-0.1107	3.82E-5	2.87E-4	-7.33E-5
	CC12	-0.1822	0.9676	-0.1091	2.83E-5	3.08E-4	1.14E-4
	CC13	0.1819	-0.9816	-0.1131	-2.27E-5	-2.98E-4	-1.08E-4
	CC14	0.1444	-1.3268	-0.1114	-3.27E-5	-2.78E-4	7.97E-5
	CC15	-0.0991	-1.3117	-0.0859	-4.12E-5	7.54E-5	1.21E-4
	CC16	-0.1366	-1.6570	-0.0843	-5.11E-5	9.61E-5	3.09E-4
787	CC1	0.5163	1.1010	-0.1644	1.51E-4	-5.32E-4	-4.85E-4
	CC2	0.5041	0.9854	-0.1631	1.52E-4	-5.27E-4	-4.22E-4
	CC3	0.5325	0.2237	-0.1540	2.45E-4	-5.86E-4	-4.20E-4
	CC4	0.5203	0.1081	-0.1527	2.46E-4	-5.82E-4	-3.57E-4
	CC5	-0.5218	-0.1239	-0.0703	-2.19E-4	5.99E-4	3.63E-4
	CC6	-0.5340	-0.2395	-0.0690	-2.18E-4	6.03E-4	4.26E-4
	CC7	-0.5056	-1.0012	-0.0599	-1.25E-4	5.44E-4	4.28E-4
	CC8	-0.5178	-1.1168	-0.0586	-1.24E-4	5.49E-4	4.92E-4
	CC9	0.1482	1.8293	-0.1452	-8.87E-5	-7.72E-5	-3.37E-4
	CC10	0.1079	1.4467	-0.1409	-8.66E-5	-6.27E-5	-1.28E-4
	CC11	-0.1633	1.4618	-0.1169	-2.00E-4	2.62E-4	-8.26E-5
	CC12	-0.2036	1.0792	-0.1126	-1.98E-4	2.76E-4	1.27E-4
	CC13	0.2021	-1.0950	-0.1104	2.25E-4	-2.59E-4	-1.20E-4
	CC14	0.1618	-1.4777	-0.1061	2.27E-4	-2.45E-4	8.91E-5
	CC15	-0.1093	-1.4625	-0.0821	1.14E-4	7.97E-5	1.34E-4
	CC16	-0.1496	-1.8452	-0.0778	1.16E-4	9.43E-5	3.44E-4
788	CC1	0.4505	0.9110	-0.1501	1.32E-3	-1.62E-4	-4.39E-4
	CC2	0.4304	0.8138	-0.1665	1.19E-3	-1.46E-4	-3.85E-4
	CC3	0.4484	0.2069	-0.2847	3.00E-4	-3.38E-5	-3.51E-4
	CC4	0.4282	0.1097	-0.3012	1.69E-4	-1.80E-5	-2.97E-4
	CC5	-0.4280	-0.1221	0.0783	-1.89E-4	1.86E-5	2.84E-4
	CC6	-0.4482	-0.2193	0.0618	-3.19E-4	3.44E-5	3.38E-4
	CC7	-0.4302	-0.8262	-0.0563	-1.21E-3	1.46E-4	3.73E-4
	CC8	-0.4503	-0.9234	-0.0728	-1.34E-3	1.62E-4	4.26E-4
	CC9	0.1688	1.4832	0.1060	2.14E-3	-2.66E-4	-3.51E-4
	CC10	0.1022	1.1614	0.0515	1.71E-3	-2.14E-4	-1.73E-4
	CC11	-0.0947	1.1733	0.1745	1.69E-3	-2.12E-4	-1.34E-4
	CC12	-0.1614	0.8515	0.1200	1.25E-3	-1.60E-4	4.35E-5
	CC13	0.1616	-0.8638	-0.3428	-1.27E-3	1.60E-4	-5.61E-5
	CC14	0.0949	-1.1856	-0.3974	-1.71E-3	2.12E-4	1.21E-4
	CC15	-0.1020	-1.1737	-0.2743	-1.73E-3	2.14E-4	1.61E-4
	CC16	-0.1686	-1.4955	-0.3289	-2.16E-3	2.67E-4	3.38E-4
789	CC1	0.5038	1.0259	-0.1515	1.39E-3	-1.63E-4	-3.65E-4
	CC2	0.4811	0.9170	-0.1680	1.25E-3	-1.47E-4	-3.17E-4
	CC3	0.5028	0.2343	-0.2868	3.04E-4	-2.99E-5	-3.62E-4
	CC4	0.4801	0.1254	-0.3034	1.67E-4	-1.40E-5	-3.14E-4
	CC5	-0.4812	-0.1389	0.0791	-1.79E-4	1.41E-5	3.11E-4
	CC6	-0.5039	-0.2478	0.0626	-3.17E-4	3.00E-5	3.59E-4
	CC7	-0.4822	-0.9305	-0.0562	-1.26E-3	1.47E-4	3.14E-4
	CC8	-0.5049	-1.0395	-0.0727	-1.40E-3	1.63E-4	3.61E-4
	CC9	0.1864	1.6677	0.1062	2.26E-3	-2.74E-4	-1.87E-4
	CC10	0.1112	1.3071	0.0515	1.80E-3	-2.22E-4	-2.89E-5
	CC11	-0.1091	1.3182	0.1754	1.79E-3	-2.21E-4	1.57E-5
	CC12	-0.1843	0.9576	0.1207	1.33E-3	-1.69E-4	1.74E-4
	CC13	0.1832	-0.9711	-0.3449	-1.35E-3	1.69E-4	-1.77E-4
	CC14	0.1080	-1.3318	-0.3996	-1.80E-3	2.21E-4	-1.90E-5
	CC15	-0.1123	-1.3206	-0.2758	-1.81E-3	2.22E-4	2.55E-5
	CC16	-0.1876	-1.6812	-0.3305	-2.27E-3	2.74E-4	1.84E-4
790	CC1	0.5567	1.1396	-0.1525	1.26E-3	-1.30E-4	-3.26E-4
	CC2	0.5317	1.0191	-0.1690	1.13E-3	-1.18E-4	-2.79E-4
	CC3	0.5555	0.2601	-0.2873	2.86E-4	-2.68E-5	-3.87E-4

	CC4	0.5304	0.1395	-0.3039	1.59E-4	-1.39E-5	-3.41E-4
	CC5	-0.5328	-0.1544	0.0787	-1.81E-4	1.57E-5	3.49E-4
	CC6	-0.5579	-0.2750	0.0621	-3.08E-4	2.86E-5	3.95E-4
	CC7	-0.5341	-1.0340	-0.0562	-1.15E-3	1.19E-4	2.87E-4
	CC8	-0.5591	-1.1545	-0.0727	-1.28E-3	1.32E-4	3.33E-4
	CC9	0.2058	1.8521	0.1048	2.04E-3	-2.15E-4	-7.06E-5
	CC10	0.1229	1.4530	0.0501	1.62E-3	-1.73E-4	8.19E-5
	CC11	-0.1211	1.4639	0.1742	1.61E-3	-1.71E-4	1.32E-4
	CC12	-0.2040	1.0648	0.1195	1.18E-3	-1.29E-4	2.84E-4
	CC13	0.2016	-1.0797	-0.3447	-1.21E-3	1.31E-4	-2.77E-4
	CC14	0.1187	-1.4788	-0.3993	-1.63E-3	1.73E-4	-1.24E-4
	CC15	-0.1253	-1.4679	-0.2753	-1.64E-3	1.74E-4	-7.48E-5
	CC16	-0.2082	-1.8670	-0.3300	-2.06E-3	2.17E-4	7.78E-5
791	CC1	0.4023	0.9136	-0.2808	1.30E-3	-1.43E-4	-4.22E-4
	CC2	0.3964	0.8161	-0.2673	1.17E-3	-1.29E-4	-3.69E-4
	CC3	0.4195	0.2106	-0.1882	2.91E-4	-2.99E-5	-3.50E-4
	CC4	0.4136	0.1131	-0.1747	1.62E-4	-1.58E-5	-2.97E-4
	CC5	-0.4116	-0.1248	-0.0421	-1.85E-4	1.86E-5	2.92E-4
	CC6	-0.4174	-0.2224	-0.0286	-3.14E-4	3.26E-5	3.45E-4
	CC7	-0.3944	-0.8278	0.0504	-1.20E-3	1.32E-4	3.65E-4
	CC8	-0.4003	-0.9254	0.0639	-1.33E-3	1.46E-4	4.17E-4
	CC9	0.1042	1.4830	-0.3209	2.11E-3	-2.35E-4	-3.18E-4
	CC10	0.0847	1.1600	-0.2762	1.68E-3	-1.88E-4	-1.43E-4
	CC11	-0.1399	1.1715	-0.2493	1.66E-3	-1.86E-4	-1.03E-4
	CC12	-0.1595	0.8485	-0.2046	1.24E-3	-1.40E-4	7.12E-5
	CC13	0.1615	-0.8602	-0.0122	-1.26E-3	1.43E-4	-7.59E-5
	CC14	0.1420	-1.1832	0.0324	-1.69E-3	1.89E-4	9.85E-5
	CC15	-0.0826	-1.1718	0.0593	-1.71E-3	1.91E-4	1.38E-4
	CC16	-0.1022	-1.4948	0.1040	-2.13E-3	2.38E-4	3.13E-4
792	CC1	0.4501	1.0295	-0.2820	1.39E-3	-1.47E-4	-3.72E-4
	CC2	0.4438	0.9200	-0.2686	1.25E-3	-1.32E-4	-3.23E-4
	CC3	0.4702	0.2386	-0.1900	2.94E-4	-2.67E-5	-3.65E-4
	CC4	0.4639	0.1292	-0.1765	1.56E-4	-1.23E-5	-3.17E-4
	CC5	-0.4632	-0.1430	-0.0414	-1.82E-4	1.49E-5	3.12E-4
	CC6	-0.4695	-0.2525	-0.0280	-3.20E-4	2.94E-5	3.61E-4
	CC7	-0.4431	-0.9339	0.0506	-1.28E-3	1.35E-4	3.19E-4
	CC8	-0.4494	-1.0434	0.0641	-1.41E-3	1.50E-4	3.68E-4
	CC9	0.1142	1.6683	-0.3206	2.27E-3	-2.47E-4	-1.97E-4
	CC10	0.0935	1.3059	-0.2762	1.82E-3	-1.99E-4	-3.59E-5
	CC11	-0.1598	1.3165	-0.2484	1.80E-3	-1.99E-4	8.52E-6
	CC12	-0.1805	0.9541	-0.2040	1.35E-3	-1.51E-4	1.69E-4
	CC13	0.1812	-0.9680	-0.0139	-1.37E-3	1.54E-4	-1.74E-4
	CC14	0.1604	-1.3304	0.0305	-1.83E-3	2.01E-4	-1.28E-5
	CC15	-0.0928	-1.3197	0.0583	-1.84E-3	2.02E-4	3.16E-5
	CC16	-0.1136	-1.6821	0.1027	-2.30E-3	2.50E-4	1.93E-4
793	CC1	0.4970	1.1446	-0.2818	1.25E-3	-1.15E-4	-3.59E-4
	CC2	0.4904	1.0234	-0.2685	1.12E-3	-1.04E-4	-3.10E-4
	CC3	0.5193	0.2648	-0.1902	2.70E-4	-2.01E-5	-4.01E-4
	CC4	0.5127	0.1435	-0.1768	1.44E-4	-8.85E-6	-3.51E-4
	CC5	-0.5136	-0.1593	-0.0418	-1.65E-4	1.17E-5	3.46E-4
	CC6	-0.5202	-0.2806	-0.0284	-2.91E-4	2.30E-5	3.96E-4
	CC7	-0.4914	-1.0392	0.0499	-1.15E-3	1.06E-4	3.05E-4
	CC8	-0.4980	-1.1604	0.0633	-1.27E-3	1.18E-4	3.54E-4
	CC9	0.1249	1.8548	-0.3202	2.04E-3	-1.94E-4	-1.21E-4
	CC10	0.1031	1.4534	-0.2761	1.63E-3	-1.57E-4	4.17E-5
	CC11	-0.1783	1.4636	-0.2482	1.62E-3	-1.56E-4	9.06E-5
	CC12	-0.2001	1.0622	-0.2040	1.20E-3	-1.19E-4	2.53E-4
	CC13	0.1992	-1.0780	-0.0146	-1.22E-3	1.22E-4	-2.58E-4
	CC14	0.1773	-1.4794	0.0296	-1.64E-3	1.59E-4	-9.56E-5
	CC15	-0.1040	-1.4692	0.0575	-1.65E-3	1.60E-4	-4.67E-5
	CC16	-0.1259	-1.8706	0.1016	-2.07E-3	1.97E-4	1.16E-4
794	CC1	0.4362	0.1867	-0.0905	1.87E-4	1.17E-28	-4.90E-4
	CC2	0.4502	0.1854	-0.0897	1.93E-4	1.17E-28	-4.27E-4
	CC3	0.4878	-0.5538	0.0489	-6.50E-4	7.59E-29	-3.81E-4
	CC4	0.5017	-0.5552	0.0497	-6.44E-4	7.59E-29	-3.18E-4
	CC5	-0.4919	0.5198	-0.2321	5.83E-4	-7.59E-29	3.34E-4
	CC6	-0.4780	0.5184	-0.2313	5.89E-4	-7.59E-29	3.96E-4
	CC7	-0.4404	-0.2208	-0.0927	-2.54E-4	-1.17E-28	4.43E-4
	CC8	-0.4265	-0.2221	-0.0919	-2.47E-4	-1.17E-28	5.06E-4
	CC9	0.0351	1.1688	-0.3036	1.29E-3	9.74E-29	-4.02E-4
	CC10	0.0814	1.1643	-0.3009	1.32E-3	9.74E-29	-1.94E-4
	CC11	-0.2433	1.2687	-0.3461	1.41E-3	3.95E-29	-1.55E-4

	CC12	-0.1971	1.2642	-0.3434	1.43E-3	3.95E-29	5.28E-5
	CC13	0.2068	-1.2996	0.1610	-1.49E-3	-3.95E-29	-3.69E-5
	CC14	0.2531	-1.3042	0.1637	-1.47E-3	-3.95E-29	1.71E-4
	CC15	-0.0716	-1.1997	0.1186	-1.38E-3	-9.74E-29	2.10E-4
	CC16	-0.0254	-1.2042	0.1212	-1.35E-3	-9.74E-29	4.18E-4
795	CC1	0.3880	0.1706	-0.0840	1.85E-4	7.76E-29	-4.53E-4
	CC2	0.4002	0.1687	-0.0828	1.92E-4	7.76E-29	-3.96E-4
	CC3	0.4394	-0.4970	0.0492	-6.84E-4	5.02E-29	-3.24E-4
	CC4	0.4515	-0.4989	0.0504	-6.77E-4	5.02E-29	-2.67E-4
	CC5	-0.4443	0.4690	-0.2322	6.15E-4	-5.02E-29	2.79E-4
	CC6	-0.4322	0.4671	-0.2310	6.22E-4	-5.02E-29	3.37E-4
	CC7	-0.3930	-0.1987	-0.0990	-2.54E-4	-7.76E-29	4.08E-4
	CC8	-0.3808	-0.2006	-0.0978	-2.47E-4	-7.76E-29	4.66E-4
	CC9	0.0227	1.0562	-0.2926	1.34E-3	6.47E-29	-4.14E-4
	CC10	0.0631	1.0499	-0.2887	1.36E-3	6.47E-29	-2.23E-4
	CC11	-0.2270	1.1457	-0.3371	1.47E-3	2.64E-29	-1.94E-4
	CC12	-0.1866	1.1394	-0.3332	1.49E-3	2.64E-29	-3.57E-6
	CC13	0.1938	-1.1693	0.1513	-1.56E-3	-2.64E-29	1.62E-5
	CC14	0.2342	-1.1756	0.1553	-1.53E-3	-2.64E-29	2.06E-4
	CC15	-0.0559	-1.0798	0.1069	-1.43E-3	-6.47E-29	2.36E-4
	CC16	-0.0155	-1.0861	0.1108	-1.40E-3	-6.47E-29	4.26E-4
796	CC1	0.3469	0.1553	-0.0727	1.94E-4	2.48E-28	-4.10E-4
	CC2	0.3575	0.1529	-0.0709	2.00E-4	2.48E-28	-3.58E-4
	CC3	0.3926	-0.4380	0.0505	-7.30E-4	1.61E-28	-3.07E-4
	CC4	0.4033	-0.4404	0.0523	-7.25E-4	1.61E-28	-2.55E-4
	CC5	-0.3983	0.4160	-0.2334	6.63E-4	-1.61E-28	2.63E-4
	CC6	-0.3877	0.4135	-0.2316	6.69E-4	-1.61E-28	3.15E-4
	CC7	-0.3525	-0.1773	-0.1101	-2.62E-4	-2.48E-28	3.66E-4
	CC8	-0.3419	-0.1797	-0.1084	-2.56E-4	-2.48E-28	4.18E-4
	CC9	0.0204	0.9415	-0.2748	1.43E-3	2.07E-28	-3.54E-4
	CC10	0.0556	0.9334	-0.2689	1.45E-3	2.07E-28	-1.82E-4
	CC11	-0.2032	1.0197	-0.3230	1.57E-3	8.45E-29	-1.52E-4
	CC12	-0.1680	1.0116	-0.3171	1.59E-3	8.45E-29	2.02E-5
	CC13	0.1729	-1.0361	0.1360	-1.65E-3	-8.45E-29	-1.21E-5
	CC14	0.2082	-1.0441	0.1420	-1.63E-3	-8.45E-29	1.60E-4
	CC15	-0.0506	-0.9579	0.0878	-1.51E-3	-2.07E-28	1.90E-4
	CC16	-0.0154	-0.9659	0.0937	-1.49E-3	-2.07E-28	3.62E-4
797	CC1	0.3515	0.2035	-0.0185	3.01E-4	1.14E-29	-3.69E-4
	CC2	0.3623	0.1951	-0.0139	2.96E-4	1.14E-29	-3.20E-4
	CC3	0.3907	-0.3962	0.0459	-6.67E-4	7.43E-3	-3.61E-4
	CC4	0.4014	-0.4046	0.0505	-6.72E-4	7.43E-3	-3.13E-4
	CC5	-0.3961	0.3817	-0.2334	6.27E-4	-7.43E-3	3.18E-4
	CC6	-0.3853	0.3732	-0.2288	6.22E-4	-7.43E-3	3.66E-4
	CC7	-0.3570	-0.2181	-0.1690	-3.41E-4	-1.14E-29	3.25E-4
	CC8	-0.3462	-0.2265	-0.1644	-3.46E-4	-1.14E-29	3.73E-4
	CC9	0.0318	0.9753	-0.1742	1.55E-3	9.45E-3	-1.93E-4
	CC10	0.0674	0.9474	-0.1588	1.53E-3	9.45E-3	-3.33E-5
	CC11	-0.1925	1.0287	-0.2387	1.65E-3	3.80E-3	1.28E-5
	CC12	-0.1568	1.0008	-0.2233	1.63E-3	3.80E-3	1.73E-4
	CC13	0.1622	-1.0238	0.0404	-1.68E-3	-3.80E-3	-1.68E-4
	CC14	0.1979	-1.0517	0.0558	-1.69E-3	-3.80E-3	-8.27E-6
	CC15	-0.0621	-0.9704	-0.0241	-1.58E-3	-9.45E-3	3.79E-5
	CC16	-0.0264	-0.9983	-0.0087	-1.59E-3	-9.45E-3	1.98E-4
798	CC1	0.3944	0.2276	-0.0066	3.08E-4	1.36E-28	-4.39E-4
	CC2	0.4068	0.2189	-0.0014	3.04E-4	1.36E-28	-3.83E-4
	CC3	0.4371	-0.4519	0.0554	-6.55E-4	8.80E-29	-3.93E-4
	CC4	0.4495	-0.4606	0.0607	-6.58E-4	8.80E-29	-3.38E-4
	CC5	-0.4424	0.4339	-0.2442	6.18E-4	-8.80E-29	3.38E-4
	CC6	-0.4300	0.4252	-0.2389	6.15E-4	-8.80E-29	3.94E-4
	CC7	-0.3997	-0.2456	-0.1821	-3.44E-4	-1.36E-28	3.83E-4
	CC8	-0.3873	-0.2543	-0.1769	-3.47E-4	-1.36E-28	4.39E-4
	CC9	0.0373	1.1027	-0.1681	1.54E-3	1.14E-28	-2.84E-4
	CC10	0.0784	1.0738	-0.1509	1.53E-3	1.14E-28	-9.93E-5
	CC11	-0.2137	1.1646	-0.2394	1.64E-3	4.66E-29	-5.05E-5
	CC12	-0.1727	1.1357	-0.2221	1.62E-3	4.66E-29	1.34E-4
	CC13	0.1798	-1.1624	0.0386	-1.66E-3	-4.66E-29	-1.33E-4
	CC14	0.2209	-1.1913	0.0559	-1.68E-3	-4.66E-29	5.10E-5
	CC15	-0.0713	-1.1005	-0.0326	-1.57E-3	-1.14E-28	9.98E-5
	CC16	-0.0302	-1.1294	-0.0154	-1.58E-3	-1.14E-28	2.84E-4
799	CC1	0.4401	0.2509	-0.0003	2.34E-4	1.09E-28	-5.04E-4
	CC2	0.4543	0.2420	0.0053	2.31E-4	1.09E-28	-4.41E-4
	CC3	0.4862	-0.5049	0.0605	-5.80E-4	7.11E-29	-4.16E-4

	CC4	0.5003	-0.5138	0.0660	-5.83E-4	7.11E-29	-3.54E-4
	CC5	-0.4912	0.4823	-0.2499	5.15E-4	-7.11E-29	3.53E-4
	CC6	-0.4771	0.4734	-0.2444	5.12E-4	-7.11E-29	4.15E-4
	CC7	-0.4452	-0.2735	-0.1892	-2.99E-4	-1.09E-28	4.41E-4
	CC8	-0.4311	-0.2824	-0.1837	-3.02E-4	-1.09E-28	5.03E-4
	CC9	0.0441	1.2240	-0.1649	1.29E-3	9.09E-29	-3.79E-4
	CC10	0.0909	1.1944	-0.1466	1.28E-3	9.09E-29	-1.72E-4
	CC11	-0.2353	1.2934	-0.2398	1.37E-3	3.68E-29	-1.22E-4
	CC12	-0.1885	1.2638	-0.2215	1.36E-3	3.68E-29	8.53E-5
	CC13	0.1976	-1.2953	0.0376	-1.43E-3	-3.68E-29	-8.60E-5
	CC14	0.2443	-1.3249	0.0559	-1.44E-3	-3.68E-29	1.21E-4
	CC15	-0.0818	-1.2259	-0.0373	-1.34E-3	-9.09E-29	1.71E-4
	CC16	-0.0351	-1.2555	-0.0190	-1.35E-3	-9.09E-29	3.78E-4
800	CC1	0.3459	0.1321	-0.0491	1.70E-4	3.67E-29	-4.10E-4
	CC2	0.3565	0.1326	-0.0465	1.79E-4	3.67E-29	-3.58E-4
	CC3	0.3926	-0.4551	0.0814	-7.22E-4	2.38E-29	-2.97E-4
	CC4	0.4032	-0.4546	0.0840	-7.13E-4	2.38E-29	-2.45E-4
	CC5	-0.3983	0.4306	-0.2638	6.55E-4	-2.38E-29	2.54E-4
	CC6	-0.3877	0.4312	-0.2611	6.64E-4	-2.38E-29	3.06E-4
	CC7	-0.3516	-0.1566	-0.1333	-2.37E-4	-3.67E-29	3.67E-4
	CC8	-0.3410	-0.1560	-0.1307	-2.28E-4	-3.67E-29	4.18E-4
	CC9	0.0188	0.9210	-0.2795	1.37E-3	3.06E-29	-3.69E-4
	CC10	0.0538	0.9228	-0.2709	1.40E-3	3.06E-29	-1.97E-4
	CC11	-0.2045	1.0105	-0.3439	1.52E-3	1.24E-29	-1.70E-4
	CC12	-0.1694	1.0124	-0.3352	1.55E-3	1.24E-29	2.10E-6
	CC13	0.1743	-1.0364	0.1555	-1.60E-3	-1.24E-29	6.47E-6
	CC14	0.2094	-1.0345	0.1641	-1.57E-3	-1.24E-29	1.78E-4
	CC15	-0.0489	-0.9468	0.0911	-1.46E-3	-3.06E-29	2.06E-4
	CC16	-0.0139	-0.9449	0.0997	-1.43E-3	-3.06E-29	3.77E-4
801	CC1	0.3873	0.1450	-0.0558	1.65E-4	1.32E-28	-4.49E-4
	CC2	0.3994	0.1464	-0.0536	1.74E-4	1.32E-28	-3.92E-4
	CC3	0.4393	-0.5152	0.0805	-7.10E-4	8.50E-29	-3.21E-4
	CC4	0.4514	-0.5138	0.0827	-7.00E-4	8.50E-29	-2.64E-4
	CC5	-0.4443	0.4846	-0.2629	6.40E-4	-8.50E-29	2.77E-4
	CC6	-0.4321	0.4860	-0.2608	6.49E-4	-8.50E-29	3.34E-4
	CC7	-0.3923	-0.1756	-0.1266	-2.35E-4	-1.32E-28	4.05E-4
	CC8	-0.3801	-0.1742	-0.1245	-2.25E-4	-1.32E-28	4.62E-4
	CC9	0.0216	1.0325	-0.2898	1.34E-3	1.10E-28	-4.10E-4
	CC10	0.0618	1.0371	-0.2826	1.37E-3	1.10E-28	-2.21E-4
	CC11	-0.2279	1.1344	-0.3520	1.48E-3	4.51E-29	-1.92E-4
	CC12	-0.1877	1.1390	-0.3447	1.51E-3	4.51E-29	-3.46E-6
	CC13	0.1948	-1.1682	0.1645	-1.57E-3	-4.51E-29	1.66E-5
	CC14	0.2350	-1.1636	0.1717	-1.54E-3	-4.51E-29	2.05E-4
	CC15	-0.0546	-1.0663	0.1024	-1.43E-3	-1.10E-28	2.35E-4
	CC16	-0.0144	-1.0617	0.1096	-1.40E-3	-1.10E-28	4.23E-4
802	CC1	0.4359	0.1588	-0.0596	1.64E-4	1.90E-28	-4.89E-4
	CC2	0.4499	0.1610	-0.0576	1.74E-4	1.90E-28	-4.26E-4
	CC3	0.4877	-0.5755	0.0800	-6.86E-4	1.24E-28	-3.78E-4
	CC4	0.5017	-0.5733	0.0820	-6.77E-4	1.24E-28	-3.16E-4
	CC5	-0.4919	0.5388	-0.2626	6.18E-4	-1.24E-28	3.32E-4
	CC6	-0.4780	0.5410	-0.2606	6.27E-4	-1.24E-28	3.94E-4
	CC7	-0.4401	-0.1955	-0.1229	-2.33E-4	-1.90E-28	4.42E-4
	CC8	-0.4262	-0.1933	-0.1210	-2.23E-4	-1.90E-28	5.05E-4
	CC9	0.0346	1.1459	-0.2957	1.30E-3	1.57E-28	-4.03E-4
	CC10	0.0808	1.1533	-0.2893	1.34E-3	1.57E-28	-1.95E-4
	CC11	-0.2437	1.2599	-0.3566	1.44E-3	6.33E-29	-1.57E-4
	CC12	-0.1975	1.2673	-0.3502	1.47E-3	6.33E-29	5.09E-5
	CC13	0.2073	-1.3018	0.1696	-1.53E-3	-6.33E-29	-3.48E-5
	CC14	0.2535	-1.2944	0.1760	-1.50E-3	-6.33E-29	1.73E-4
	CC15	-0.0711	-1.1878	0.1087	-1.40E-3	-1.57E-28	2.11E-4
	CC16	-0.0249	-1.1804	0.1151	-1.36E-3	-1.57E-28	4.19E-4
803	CC1	0.3507	0.2251	-0.0444	3.23E-4	4.36E-29	-3.70E-4
	CC2	0.3615	0.2139	-0.0406	3.15E-4	4.36E-29	-3.21E-4
	CC3	0.3899	-0.3746	0.0163	-6.35E-4	2.82E-29	-3.63E-4
	CC4	0.4007	-0.3859	0.0200	-6.43E-4	2.82E-29	-3.14E-4
	CC5	-0.3953	0.3626	-0.2041	5.93E-4	-2.82E-29	3.20E-4
	CC6	-0.3845	0.3513	-0.2004	5.85E-4	-2.82E-29	3.68E-4
	CC7	-0.3561	-0.2372	-0.1435	-3.65E-4	-4.36E-29	3.27E-4
	CC8	-0.3453	-0.2485	-0.1397	-3.73E-4	-4.36E-29	3.75E-4
	CC9	0.0315	0.9860	-0.1754	1.54E-3	3.64E-29	-1.92E-4
	CC10	0.0670	0.9487	-0.1629	1.52E-3	3.64E-29	-3.20E-5
	CC11	-0.1923	1.0273	-0.2233	1.63E-3	1.49E-29	1.46E-5



	CC12	-0.1568	0.9899	-0.2108	1.60E-3	1.49E-29	1.75E-4
	CC13	0.1622	-1.0132	0.0267	-1.65E-3	-1.49E-29	-1.69E-4
	CC14	0.1977	-1.0506	0.0392	-1.68E-3	-1.49E-29	-8.64E-6
	CC15	-0.0616	-0.9720	-0.0212	-1.57E-3	-3.64E-29	3.79E-5
	CC16	-0.0261	-1.0094	-0.0087	-1.59E-3	-3.64E-29	1.98E-4
804	CC1	0.3938	0.2537	-0.0357	3.61E-4	1.66E-28	-4.45E-4
	CC2	0.4061	0.2417	-0.0315	3.53E-4	1.66E-28	-3.89E-4
	CC3	0.4366	-0.4288	0.0236	-6.52E-4	1.08E-28	-3.89E-4
	CC4	0.4490	-0.4408	0.0278	-6.60E-4	1.08E-28	-3.33E-4
	CC5	-0.4418	0.4141	-0.2125	6.29E-4	-1.08E-28	3.32E-4
	CC6	-0.4295	0.4021	-0.2083	6.21E-4	-1.08E-28	3.88E-4
	CC7	-0.3990	-0.2684	-0.1533	-3.84E-4	-1.66E-28	3.88E-4
	CC8	-0.3866	-0.2805	-0.1491	-3.92E-4	-1.66E-28	4.45E-4
	CC9	0.0370	1.1200	-0.1715	1.65E-3	1.38E-28	-3.04E-4
	CC10	0.0780	1.0802	-0.1576	1.62E-3	1.38E-28	-1.18E-4
	CC11	-0.2137	1.1681	-0.2245	1.73E-3	5.60E-29	-7.06E-5
	CC12	-0.1727	1.1284	-0.2107	1.70E-3	5.60E-29	1.15E-4
	CC13	0.1799	-1.1551	0.0259	-1.73E-3	-5.60E-29	-1.16E-4
	CC14	0.2208	-1.1949	0.0398	-1.76E-3	-5.60E-29	7.01E-5
	CC15	-0.0708	-1.1070	-0.0272	-1.65E-3	-1.38E-28	1.17E-4
	CC16	-0.0298	-1.1468	-0.0133	-1.68E-3	-1.38E-28	3.03E-4
805	CC1	0.4398	0.2811	-0.0307	2.50E-4	1.30E-28	-5.13E-4
	CC2	0.4539	0.2684	-0.0263	2.44E-4	1.30E-28	-4.50E-4
	CC3	0.4859	-0.4805	0.0277	-5.57E-4	8.43E-29	-4.11E-4
	CC4	0.5000	-0.4931	0.0322	-5.64E-4	8.43E-29	-3.48E-4
	CC5	-0.4909	0.4619	-0.2175	4.88E-4	-8.43E-29	3.41E-4
	CC6	-0.4768	0.4493	-0.2130	4.82E-4	-8.43E-29	4.04E-4
	CC7	-0.4448	-0.2996	-0.1591	-3.20E-4	-1.30E-28	4.43E-4
	CC8	-0.4307	-0.3123	-0.1546	-3.26E-4	-1.30E-28	5.06E-4
	CC9	0.0439	1.2474	-0.1693	1.28E-3	1.09E-28	-4.05E-4
	CC10	0.0906	1.2055	-0.1546	1.26E-3	1.09E-28	-1.98E-4
	CC11	-0.2353	1.3017	-0.2254	1.35E-3	4.45E-29	-1.49E-4
	CC12	-0.1886	1.2598	-0.2107	1.33E-3	4.45E-29	5.83E-5
	CC13	0.1977	-1.2910	0.0253	-1.41E-3	-4.45E-29	-6.54E-5
	CC14	0.2444	-1.3329	0.0401	-1.43E-3	-4.45E-29	1.42E-4
	CC15	-0.0815	-1.2367	-0.0307	-1.34E-3	-1.09E-28	1.91E-4
	CC16	-0.0349	-1.2786	-0.0160	-1.36E-3	-1.09E-28	3.98E-4
806	CC1	0.4372	-0.8248	-0.0110	9.51E-29	-6.40E-4	-3.83E-4
	CC2	0.4215	-0.7025	-0.0074	9.51E-29	-6.22E-4	-3.36E-4
	CC3	0.4430	-1.2600	-0.0333	6.16E-29	-6.50E-4	-3.13E-4
	CC4	0.4272	-1.1377	-0.0298	6.16E-29	-6.32E-4	-2.66E-4
	CC5	-0.4223	1.1202	-0.1503	-6.16E-29	5.93E-4	2.60E-4
	CC6	-0.4381	1.2425	-0.1467	-6.16E-29	6.12E-4	3.07E-4
	CC7	-0.4166	0.6850	-0.1726	-9.51E-29	5.83E-4	3.30E-4
	CC8	-0.4323	0.8073	-0.1691	-9.51E-29	6.02E-4	3.78E-4
	CC9	0.1479	0.2224	-0.0377	7.93E-29	-2.18E-4	-2.95E-4
	CC10	0.0958	0.6273	-0.0260	7.93E-29	-1.57E-4	-1.39E-4
	CC11	-0.1100	0.8059	-0.0795	3.23E-29	1.52E-4	-1.02E-4
	CC12	-0.1621	1.2108	-0.0678	3.23E-29	2.13E-4	5.39E-5
	CC13	0.1670	-1.2283	-0.1122	-3.23E-29	-2.52E-4	-5.98E-5
	CC14	0.1148	-0.8234	-0.1005	-3.23E-29	-1.90E-4	9.62E-5
	CC15	-0.0909	-0.6448	-0.1540	-7.93E-29	1.18E-4	1.33E-4
	CC16	-0.1430	-0.2399	-0.1423	-7.93E-29	1.80E-4	2.89E-4
807	CC1	0.4218	-0.8247	0.0140	8.26E-29	-6.26E-4	-3.96E-4
	CC2	0.4107	-0.7024	0.0020	8.26E-29	-6.13E-4	-3.46E-4
	CC3	0.4337	-1.2599	0.0542	5.38E-29	-6.46E-4	-3.32E-4
	CC4	0.4226	-1.1376	0.0422	5.38E-29	-6.33E-4	-2.82E-4
	CC5	-0.4181	1.1202	-0.2190	-5.38E-29	6.00E-4	2.80E-4
	CC6	-0.4292	1.2425	-0.2310	-5.38E-29	6.13E-4	3.30E-4
	CC7	-0.4062	0.6850	-0.1788	-8.26E-29	5.80E-4	3.44E-4
	CC8	-0.4173	0.8073	-0.1908	-8.26E-29	5.93E-4	3.94E-4
	CC9	0.1268	0.2224	-0.1005	6.86E-29	-1.89E-4	-2.91E-4
	CC10	0.0901	0.6273	-0.1402	6.86E-29	-1.46E-4	-1.27E-4
	CC11	-0.1252	0.8059	-0.1704	2.76E-29	1.79E-4	-8.84E-5
	CC12	-0.1619	1.2108	-0.2101	2.76E-29	2.21E-4	7.61E-5
	CC13	0.1664	-1.2282	0.0333	-2.76E-29	-2.54E-4	-7.82E-5
	CC14	0.1297	-0.8233	-0.0064	-2.76E-29	-2.11E-4	8.63E-5
	CC15	-0.0856	-0.6447	-0.0366	-6.86E-29	1.14E-4	1.25E-4
	CC16	-0.1223	-0.2399	-0.0763	-6.86E-29	1.56E-4	2.89E-4
808	CC1	0.5439	-1.0332	-0.0104	1.05E-28	-6.13E-4	-5.10E-4
	CC2	0.5246	-0.8791	-0.0067	1.05E-28	-5.93E-4	-4.46E-4
	CC3	0.5506	-1.5907	-0.0338	6.81E-29	-6.28E-4	-4.41E-4

	CC4	0.5313	-1.4366	-0.0301	6.81E-29	-6.08E-4	-3.77E-4
	CC5	-0.5195	1.4127	-0.1507	-6.81E-29	5.67E-4	3.65E-4
	CC6	-0.5388	1.5668	-0.1470	-6.81E-29	5.87E-4	4.29E-4
	CC7	-0.5129	0.8552	-0.1741	-1.05E-28	5.52E-4	4.34E-4
	CC8	-0.5321	1.0093	-0.1704	-1.05E-28	5.72E-4	4.98E-4
	CC9	0.1862	0.2952	-0.0365	8.81E-29	-2.06E-4	-3.57E-4
	CC10	0.1224	0.8055	-0.0242	8.81E-29	-1.40E-4	-1.47E-4
	CC11	-0.1329	1.0290	-0.0786	3.61E-29	1.49E-4	-9.44E-5
	CC12	-0.1967	1.5393	-0.0663	3.61E-29	2.15E-4	1.15E-4
	CC13	0.2084	-1.5632	-0.1145	-3.61E-29	-2.56E-4	-1.28E-4
	CC14	0.1446	-1.0529	-0.1022	-3.61E-29	-1.90E-4	8.23E-5
	CC15	-0.1106	-0.8294	-0.1565	-8.81E-29	9.79E-5	1.35E-4
	CC16	-0.1744	-0.3191	-0.1443	-8.81E-29	1.64E-4	3.45E-4
809	CC1	0.4909	-0.9283	-0.0106	1.20E-28	-6.35E-4	-4.43E-4
	CC2	0.4734	-0.7901	-0.0070	1.20E-28	-6.14E-4	-3.89E-4
	CC3	0.4970	-1.4234	-0.0336	7.82E-29	-6.53E-4	-3.71E-4
	CC4	0.4795	-1.2853	-0.0300	7.82E-29	-6.32E-4	-3.17E-4
	CC5	-0.4713	1.2646	-0.1505	-7.82E-29	5.94E-4	3.09E-4
	CC6	-0.4888	1.4028	-0.1469	-7.82E-29	6.15E-4	3.63E-4
	CC7	-0.4652	0.7695	-0.1735	-1.20E-28	5.76E-4	3.81E-4
	CC8	-0.4827	0.9076	-0.1699	-1.20E-28	5.97E-4	4.35E-4
	CC9	0.1672	0.2573	-0.0370	1.00E-28	-2.08E-4	-3.27E-4
	CC10	0.1094	0.7147	-0.0249	1.00E-28	-1.39E-4	-1.47E-4
	CC11	-0.1215	0.9152	-0.0789	4.05E-29	1.61E-4	-1.02E-4
	CC12	-0.1793	1.3725	-0.0668	4.05E-29	2.29E-4	7.92E-5
	CC13	0.1875	-1.3932	-0.1136	-4.05E-29	-2.67E-4	-8.72E-5
	CC14	0.1297	-0.9358	-0.1016	-4.05E-29	-1.99E-4	9.35E-5
	CC15	-0.1011	-0.7353	-0.1556	-1.00E-28	1.01E-4	1.39E-4
	CC16	-0.1589	-0.2780	-0.1435	-1.00E-28	1.70E-4	3.19E-4
810	CC1	0.4736	-0.9282	0.0145	1.93E-28	-6.06E-4	-4.44E-4
	CC2	0.4614	-0.7901	0.0024	1.93E-28	-5.94E-4	-3.88E-4
	CC3	0.4864	-1.4233	0.0550	1.25E-28	-6.23E-4	-3.74E-4
	CC4	0.4742	-1.2852	0.0429	1.25E-28	-6.12E-4	-3.18E-4
	CC5	-0.4668	1.2645	-0.2201	-1.25E-28	5.78E-4	3.10E-4
	CC6	-0.4790	1.4027	-0.2322	-1.25E-28	5.89E-4	3.66E-4
	CC7	-0.4540	0.7694	-0.1795	-1.93E-28	5.60E-4	3.80E-4
	CC8	-0.4662	0.9076	-0.1916	-1.93E-28	5.72E-4	4.36E-4
	CC9	0.1437	0.2573	-0.1010	1.61E-28	-1.85E-4	-3.26E-4
	CC10	0.1033	0.7146	-0.1410	1.61E-28	-1.46E-4	-1.42E-4
	CC11	-0.1384	0.9151	-0.1713	6.55E-29	1.70E-4	-9.94E-5
	CC12	-0.1788	1.3724	-0.2114	6.55E-29	2.09E-4	8.42E-5
	CC13	0.1862	-1.3931	0.0342	-6.55E-29	-2.43E-4	-9.22E-5
	CC14	0.1459	-0.9357	-0.0058	-6.55E-29	-2.04E-4	9.14E-5
	CC15	-0.0959	-0.7352	-0.0361	-1.61E-28	1.12E-4	1.34E-4
	CC16	-0.1362	-0.2779	-0.0762	-1.61E-28	1.51E-4	3.18E-4
811	CC1	0.5239	-1.0331	0.0147	7.69E-29	-5.80E-4	-4.99E-4
	CC2	0.5107	-0.8790	0.0025	7.69E-29	-5.68E-4	-4.37E-4
	CC3	0.5373	-1.5906	0.0554	4.98E-29	-5.97E-4	-4.26E-4
	CC4	0.5241	-1.4364	0.0433	4.98E-29	-5.85E-4	-3.64E-4
	CC5	-0.5136	1.4126	-0.2207	-4.98E-29	5.49E-4	3.51E-4
	CC6	-0.5268	1.5667	-0.2328	-4.98E-29	5.61E-4	4.13E-4
	CC7	-0.5002	0.8551	-0.1799	-7.69E-29	5.32E-4	4.23E-4
	CC8	-0.5134	1.0093	-0.1920	-7.69E-29	5.44E-4	4.86E-4
	CC9	0.1604	0.2952	-0.1013	6.42E-29	-1.78E-4	-3.59E-4
	CC10	0.1166	0.8054	-0.1414	6.42E-29	-1.39E-4	-1.52E-4
	CC11	-0.1509	1.0289	-0.1719	2.62E-29	1.60E-4	-1.04E-4
	CC12	-0.1947	1.5391	-0.2120	2.62E-29	1.99E-4	1.03E-4
	CC13	0.2052	-1.5630	0.0347	-2.62E-29	-2.35E-4	-1.16E-4
	CC14	0.1614	-1.0528	-0.0055	-2.62E-29	-1.96E-4	9.02E-5
	CC15	-0.1061	-0.8293	-0.0359	-6.42E-29	1.04E-4	1.39E-4
	CC16	-0.1499	-0.3190	-0.0761	-6.42E-29	1.42E-4	3.45E-4
812	CC1	0.5443	1.1734	-0.1865	3.12E-4	-5.24E-4	-5.38E-4
	CC2	0.5232	1.0482	-0.1964	2.80E-4	-5.14E-4	-4.70E-4
	CC3	0.5479	0.2962	-0.2849	7.97E-5	-6.03E-4	-4.42E-4
	CC4	0.5267	0.1709	-0.2948	4.81E-5	-5.93E-4	-3.74E-4
	CC5	-0.5288	-0.1864	0.0742	-5.50E-5	6.15E-4	3.82E-4
	CC6	-0.5500	-0.3116	0.0643	-8.66E-5	6.25E-4	4.50E-4
	CC7	-0.5253	-1.0636	-0.0242	-2.87E-4	5.36E-4	4.78E-4
	CC8	-0.5464	-1.1889	-0.0341	-3.19E-4	5.46E-4	5.46E-4
	CC9	0.1890	1.8657	0.0310	4.91E-4	-4.40E-5	-4.06E-4
	CC10	0.1190	1.4511	-0.0018	3.86E-4	-1.27E-5	-1.81E-4
	CC11	-0.1329	1.4578	0.1092	3.81E-4	2.98E-4	-1.30E-4

	CC12	-0.2030	1.0431	0.0764	2.76E-4	3.29E-4	9.53E-5
	CC13	0.2009	-1.0586	-0.2970	-2.83E-4	-3.07E-4	-8.69E-5
	CC14	0.1308	-1.4732	-0.3298	-3.87E-4	-2.76E-4	1.38E-4
	CC15	-0.1211	-1.4665	-0.2188	-3.93E-4	3.47E-5	1.89E-4
	CC16	-0.1911	-1.8812	-0.2516	-4.97E-4	6.60E-5	4.14E-4
<b>813</b>	CC1	0.4953	1.0589	-0.1865	-3.81E-5	-5.43E-4	-4.31E-4
	CC2	0.4757	0.9455	-0.1962	-3.76E-5	-5.35E-4	-3.75E-4
	CC3	0.4967	0.2671	-0.2840	-4.52E-5	-6.43E-4	-3.84E-4
	CC4	0.4771	0.1537	-0.2937	-4.47E-5	-6.36E-4	-3.28E-4
	CC5	-0.4775	-0.1672	0.0736	4.57E-5	6.50E-4	3.38E-4
	CC6	-0.4971	-0.2806	0.0638	4.63E-5	6.58E-4	3.94E-4
	CC7	-0.4761	-0.9590	-0.0239	3.86E-5	5.49E-4	3.85E-4
	CC8	-0.4957	-1.0724	-0.0337	3.92E-5	5.57E-4	4.41E-4
	CC9	0.1759	1.6845	0.0296	-1.15E-6	-1.64E-5	-2.82E-4
	CC10	0.1109	1.3091	-0.0027	6.68E-7	9.42E-6	-9.61E-5
	CC11	-0.1160	1.3167	0.1076	2.40E-5	3.41E-4	-5.11E-5
	CC12	-0.1809	0.9413	0.0753	2.58E-5	3.67E-4	1.34E-4
	CC13	0.1806	-0.9548	-0.2954	-2.48E-5	-3.53E-4	-1.24E-4
	CC14	0.1156	-1.3302	-0.3277	-2.30E-5	-3.27E-4	6.11E-5
	CC15	-0.1113	-1.3226	-0.2174	3.65E-7	5.28E-6	1.06E-4
	CC16	-0.1762	-1.6980	-0.2497	2.18E-6	3.11E-5	2.92E-4
<b>814</b>	CC1	0.4439	0.9447	-0.1860	7.32E-4	-6.23E-4	-3.34E-4
	CC2	0.4262	0.8432	-0.1956	6.57E-4	-6.02E-4	-2.90E-4
	CC3	0.4427	0.2375	-0.2825	2.29E-4	-6.45E-4	-3.16E-4
	CC4	0.4250	0.1360	-0.2920	1.54E-4	-6.23E-4	-2.72E-4
	CC5	-0.4241	-0.1476	0.0726	-1.55E-4	6.34E-4	2.78E-4
	CC6	-0.4418	-0.2491	0.0630	-2.30E-4	6.56E-4	3.23E-4
	CC7	-0.4254	-0.8548	-0.0239	-6.58E-4	6.13E-4	2.96E-4
	CC8	-0.4431	-0.9563	-0.0334	-7.33E-4	6.34E-4	3.40E-4
	CC9	0.1621	1.5048	0.0280	1.10E-3	-1.83E-4	-1.92E-4
	CC10	0.1035	1.1686	-0.0036	8.47E-4	-1.11E-4	-4.49E-5
	CC11	-0.0983	1.1771	0.1056	8.29E-4	1.94E-4	-8.09E-6
	CC12	-0.1569	0.8410	0.0740	5.81E-4	2.66E-4	1.39E-4
	CC13	0.1578	-0.8526	-0.2935	-5.82E-4	-2.55E-4	-1.33E-4
	CC14	0.0992	-1.1887	-0.3250	-8.30E-4	-1.83E-4	1.43E-5
	CC15	-0.1026	-1.1803	-0.2159	-8.48E-4	1.22E-4	5.11E-5
	CC16	-0.1612	-1.5164	-0.2475	-1.10E-3	1.94E-4	1.98E-4
<b>815</b>	CC1	0.4324	0.9463	-0.2278	1.11E-3	-6.28E-4	-4.11E-4
	CC2	0.4180	0.8446	-0.2295	1.00E-3	-6.11E-4	-3.58E-4
	CC3	0.4357	0.2389	-0.2641	2.99E-4	-6.45E-4	-3.50E-4
	CC4	0.4214	0.1372	-0.2658	1.91E-4	-6.28E-4	-2.97E-4
	CC5	-0.4199	-0.1488	0.0479	-1.67E-4	6.32E-4	3.06E-4
	CC6	-0.4342	-0.2506	0.0462	-2.75E-4	6.49E-4	3.58E-4
	CC7	-0.4165	-0.8562	0.0115	-9.81E-4	6.15E-4	3.67E-4
	CC8	-0.4309	-0.9579	0.0099	-1.09E-3	6.32E-4	4.19E-4
	CC9	0.1467	1.5058	-0.0870	1.74E-3	-1.87E-4	-2.92E-4
	CC10	0.0993	1.1690	-0.0925	1.38E-3	-1.30E-4	-1.18E-4
	CC11	-0.1090	1.1773	-0.0043	1.35E-3	1.91E-4	-7.68E-5
	CC12	-0.1564	0.8405	-0.0098	9.98E-4	2.48E-4	9.72E-5
	CC13	0.1579	-0.8521	-0.2082	-9.74E-4	-2.44E-4	-8.85E-5
	CC14	0.1105	-1.1889	-0.2136	-1.33E-3	-1.87E-4	8.55E-5
	CC15	-0.0978	-1.1806	-0.1254	-1.36E-3	1.34E-4	1.27E-4
	CC16	-0.1452	-1.5174	-0.1309	-1.71E-3	1.91E-4	3.01E-4
<b>816</b>	CC1	0.4168	0.9489	-0.2814	1.35E-3	-6.06E-4	-4.90E-4
	CC2	0.4068	0.8468	-0.2744	1.21E-3	-5.94E-4	-4.30E-4
	CC3	0.4274	0.2405	-0.2474	3.39E-4	-6.31E-4	-3.57E-4
	CC4	0.4174	0.1384	-0.2404	2.01E-4	-6.19E-4	-2.97E-4
	CC5	-0.4152	-0.1501	0.0241	-2.23E-4	6.26E-4	3.05E-4
	CC6	-0.4252	-0.2521	0.0311	-3.61E-4	6.38E-4	3.64E-4
	CC7	-0.4046	-0.8585	0.0581	-1.23E-3	6.01E-4	4.38E-4
	CC8	-0.4146	-0.9605	0.0651	-1.37E-3	6.13E-4	4.97E-4
	CC9	0.1248	1.5086	-0.2223	2.14E-3	-1.59E-4	-4.36E-4
	CC10	0.0916	1.1708	-0.1991	1.68E-3	-1.21E-4	-2.39E-4
	CC11	-0.1249	1.1789	-0.1306	1.67E-3	2.11E-4	-1.98E-4
	CC12	-0.1580	0.8411	-0.1074	1.21E-3	2.49E-4	-1.55E-7
	CC13	0.1602	-0.8527	-0.1089	-1.23E-3	-2.42E-4	7.26E-6
	CC14	0.1270	-1.1905	-0.0857	-1.69E-3	-2.04E-4	2.05E-4
	CC15	-0.0894	-1.1824	-0.0172	-1.70E-3	1.28E-4	2.46E-4
	CC16	-0.1226	-1.5202	0.0059	-2.16E-3	1.66E-4	4.43E-4
<b>817</b>	CC1	0.5286	1.1763	-0.2306	7.42E-4	-5.22E-4	-5.56E-4
	CC2	0.5124	1.0507	-0.2321	6.66E-4	-5.12E-4	-4.87E-4
	CC3	0.5392	0.2987	-0.2655	2.13E-4	-5.78E-4	-4.41E-4

	CC4	0.5230	0.1730	-0.2670	1.36E-4	-5.69E-4	-3.72E-4
	CC5	-0.5245	-0.1885	0.0482	-1.44E-4	5.92E-4	3.80E-4
	CC6	-0.5407	-0.3141	0.0467	-2.20E-4	6.01E-4	4.49E-4
	CC7	-0.5139	-1.0662	0.0134	-6.73E-4	5.35E-4	4.95E-4
	CC8	-0.5301	-1.1918	0.0119	-7.50E-4	5.45E-4	5.64E-4
	CC9	0.1663	1.8677	-0.0907	1.14E-3	-7.71E-5	-4.43E-4
	CC10	0.1128	1.4519	-0.0957	8.84E-4	-4.62E-5	-2.13E-4
	CC11	-0.1496	1.4583	-0.0070	8.73E-4	2.57E-4	-1.62E-4
	CC12	-0.2032	1.0424	-0.0120	6.19E-4	2.88E-4	6.81E-5
	CC13	0.2017	-1.0579	-0.2067	-6.26E-4	-2.65E-4	-6.00E-5
	CC14	0.1481	-1.4737	-0.2117	-8.80E-4	-2.34E-4	1.70E-4
	CC15	-0.1142	-1.4673	-0.1231	-8.92E-4	6.92E-5	2.21E-4
	CC16	-0.1678	-1.8832	-0.1281	-1.15E-3	1.00E-4	4.51E-4
<b>818</b>	CC1	0.4823	1.0613	-0.2291	-3.59E-5	-5.11E-4	-4.94E-4
	CC2	0.4669	0.9476	-0.2307	-3.60E-5	-5.13E-4	-4.31E-4
	CC3	0.4888	0.2691	-0.2649	-4.57E-5	-6.50E-4	-3.96E-4
	CC4	0.4734	0.1554	-0.2665	-4.58E-5	-6.52E-4	-3.34E-4
	CC5	-0.4730	-0.1689	0.0481	4.70E-5	6.68E-4	3.44E-4
	CC6	-0.4884	-0.2827	0.0464	4.68E-5	6.66E-4	4.06E-4
	CC7	-0.4665	-0.9611	0.0123	3.72E-5	5.29E-4	4.42E-4
	CC8	-0.4819	-1.0748	0.0107	3.71E-5	5.28E-4	5.04E-4
	CC9	0.1581	1.6862	-0.0885	4.64E-6	6.58E-5	-3.86E-4
	CC10	0.1073	1.3098	-0.0939	4.22E-6	5.99E-5	-1.80E-4
	CC11	-0.1285	1.3171	-0.0053	2.95E-5	4.20E-4	-1.35E-4
	CC12	-0.1793	0.9407	-0.0107	2.91E-5	4.14E-4	7.11E-5
	CC13	0.1797	-0.9542	-0.2077	-2.79E-5	-3.97E-4	-6.07E-5
	CC14	0.1288	-1.3306	-0.2131	-2.83E-5	-4.03E-4	1.45E-4
	CC15	-0.1069	-1.3233	-0.1246	-3.06E-6	-4.34E-5	1.91E-4
	CC16	-0.1578	-1.6997	-0.1300	-3.48E-6	-4.93E-5	3.96E-4
<b>819</b>	CC1	0.4658	1.0637	-0.2825	-3.59E-5	-5.11E-4	-4.78E-4
	CC2	0.4550	0.9497	-0.2756	-3.63E-5	-5.16E-4	-4.18E-4
	CC3	0.4800	0.2713	-0.2494	-4.52E-5	-6.43E-4	-3.80E-4
	CC4	0.4693	0.1573	-0.2426	-4.55E-5	-6.48E-4	-3.21E-4
	CC5	-0.4683	-0.1708	0.0257	4.69E-5	6.67E-4	3.24E-4
	CC6	-0.4791	-0.2848	0.0326	4.66E-5	6.62E-4	3.84E-4
	CC7	-0.4541	-0.9632	0.0588	3.76E-5	5.36E-4	4.22E-4
	CC8	-0.4648	-1.0772	0.0656	3.73E-5	5.31E-4	4.81E-4
	CC9	0.1346	1.6878	-0.2210	4.25E-6	6.03E-5	-3.80E-4
	CC10	0.0990	1.3103	-0.1984	3.13E-6	4.44E-5	-1.83E-4
	CC11	-0.1456	1.3175	-0.1286	2.91E-5	4.14E-4	-1.39E-4
	CC12	-0.1812	0.9400	-0.1059	2.80E-5	3.98E-4	5.78E-5
	CC13	0.1821	-0.9535	-0.1109	-2.66E-5	-3.79E-4	-5.44E-5
	CC14	0.1465	-1.3310	-0.0883	-2.77E-5	-3.95E-4	1.42E-4
	CC15	-0.0981	-1.3239	-0.0185	-1.76E-6	-2.50E-5	1.86E-4
	CC16	-0.1337	-1.7013	0.0042	-2.88E-6	-4.09E-5	3.83E-4
<b>820</b>	CC1	0.5118	1.1803	-0.2842	7.60E-4	-5.23E-4	-5.17E-4
	CC2	0.5006	1.0541	-0.2773	6.83E-4	-5.17E-4	-4.53E-4
	CC3	0.5297	0.3018	-0.2499	1.77E-4	-5.65E-4	-4.19E-4
	CC4	0.5185	0.1756	-0.2430	9.98E-5	-5.59E-4	-3.54E-4
	CC5	-0.5195	-0.1911	0.0259	-1.05E-4	5.82E-4	3.58E-4
	CC6	-0.5307	-0.3172	0.0328	-1.82E-4	5.88E-4	4.23E-4
	CC7	-0.5017	-1.0696	0.0602	-6.88E-4	5.40E-4	4.56E-4
	CC8	-0.5129	-1.1957	0.0671	-7.65E-4	5.46E-4	5.21E-4
	CC9	0.1430	1.8709	-0.2237	1.23E-3	-9.30E-5	-4.01E-4
	CC10	0.1059	1.4534	-0.2009	9.71E-4	-7.45E-5	-1.86E-4
	CC11	-0.1664	1.4595	-0.1307	9.67E-4	2.38E-4	-1.38E-4
	CC12	-0.2035	1.0420	-0.1079	7.12E-4	2.57E-4	7.70E-5
	CC13	0.2024	-1.0574	-0.1092	-7.17E-4	-2.34E-4	-7.34E-5
	CC14	0.1653	-1.4749	-0.0864	-9.72E-4	-2.15E-4	1.42E-4
	CC15	-0.1070	-1.4688	-0.0162	-9.76E-4	9.77E-5	1.89E-4
	CC16	-0.1441	-1.8863	0.0067	-1.23E-3	1.16E-4	4.04E-4

### 3.3.2 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 106.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
0	0.0000	0.0114	0.0000	0.0475
1	0.1479	0.2109	0.3269	0.4666
2	0.3527	0.5083	0.8981	1.3261
3	0.5402	0.7856	1.4316	2.0608
4	0.6720	0.8093	1.6208	2.0863

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;  
 $d_{rx}$  : traslazione relativa X globale del piano considerato;  
 $d_{ry}$  : traslazione relativa Y globale del piano considerato;  
 $h$  : altezza del piano considerato;  
 $d_{lim}$  : spostamento limite da normativa;  
Esito : esito della verifica;

Tabella 106.III

Piano Reale	Impalcati	$d_{rx}$ [cm]	$d_{ry}$ [cm]	$h$ [cm]	$d_{lim}$ [cm]	Esito
1	0 - 1	0.1995	0.4191	346.88	1.16	Verificato
2	1 - 2	0.2974	0.8595	353.00	1.18	Verificato
3	2 - 3	0.2773	0.7347	353.00	1.18	Verificato
4	3 - 4	0.1318	0.1892	358.61	1.20	Verificato

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

$$PGA_{SLO} = 0.4346$$

$$PGA_{Rif,SLO} = 0.1185$$

$$\text{Indicatore di rischio} = 3.6667$$

La verifica all'SLO risulta soddisfatta.

## 4 ALLEGATI.

### 4.1 ALLEGATO A - (Scheda PGA)

#### Vita nominale

$$V_N = 50$$

#### Classe d'uso

Classe III

$$C_u = 1.5$$

#### Periodo di riferimento

$$V_R = 75$$

**Pericolosità sismica di base**

PARAMETRO	SLO (81%)	SLD (63%)	SLV (10%)
$a_g$	0.090	0.117	0.323
$F_0$	2.280	2.300	2.450
$T_C^*$	0.360	0.360	0.400
$T_D$	1.960	2.068	2.892

**Categoria suolo di fondazione**

	SLO (81%)	SLD (63%)	SLV (10%)
$S_s$	1.32	1.29	1.29
$T_c$	0.38	0.38	0.38

**Coefficiente di amplificazione topografica**

$St = 1.00$

**Resistenza dei materiali.**

- Calcestruzzo.

Nome	= C 3piano
Resistenza a compressione ( $f_{cd}$ [daN/cm <sup>2</sup> ])	= 61.39
Resistenza a trazione ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 6.45
Resistenza a taglio ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 6.45
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 274845.38
Modulo di elasticità tangenziale ( $G$ [daN/cm <sup>2</sup> ])	= 119497.99
Nome	= c25/30
Resistenza a compressione ( $f_{cd}$ [daN/cm <sup>2</sup> ])	= 141.67
Resistenza a trazione ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 11.97
Resistenza a taglio ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 11.97
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 314758.06
Modulo di elasticità tangenziale ( $G$ [daN/cm <sup>2</sup> ])	= 136851.33
Nome	= Cls 2 pian
Resistenza a compressione ( $f_{cd}$ [daN/cm <sup>2</sup> ])	= 106.53
Resistenza a trazione ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 9.90
Resistenza a taglio ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 9.90
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 295708.03
Modulo di elasticità tangenziale ( $G$ [daN/cm <sup>2</sup> ])	= 128568.71
Nome	= Cls Es
Resistenza a compressione ( $f_{cd}$ [daN/cm <sup>2</sup> ])	= 114.47
Resistenza a trazione ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 10.38
Resistenza a taglio ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 10.38
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 300259.94
Modulo di elasticità tangenziale ( $G$ [daN/cm <sup>2</sup> ])	= 130547.80
Nome	= Cls fond
Resistenza a compressione ( $f_{cd}$ [daN/cm <sup>2</sup> ])	= 141.67
Resistenza a trazione ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 11.97
Resistenza a taglio ( $f_{ctd}$ [daN/cm <sup>2</sup> ])	= 11.97
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 314758.06
Modulo di elasticità tangenziale ( $G$ [daN/cm <sup>2</sup> ])	= 136851.33

- Acciaio in barre.

Nome	= Fe AQ34
RESISTENZA ( $f_d$ [daN/cm <sup>2</sup> ])	= 2956.52
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 2100000
Nome	= B450C
RESISTENZA ( $f_d$ [daN/cm <sup>2</sup> ])	= 3913.04
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 2100000

- Acciaio profilati.

Nome	= Acciaio1
RESISTENZA ( $f_d$ [daN/cm <sup>2</sup> ])	= 3600.00
Modulo di elasticità normale ( $E$ [daN/cm <sup>2</sup> ])	= 2100000.00

Modulo di elasticità tangenziale (G [daN/cm<sup>2</sup>]) = 807692.30

**Metodo di analisi**

Fattore di comportamento per elementi fragili = 1.50  
 Fattore di comportamento per elementi duttili = 3.00

Orizzontale Dinamica Lineare

**Modellazione della struttura (Modello tridimensionale)**

Direzione X  
 Periodo [s] = 0.109  
 Percentuale partecipazione delle masse = 86.5 %

Direzione Y  
 Periodo [s] = 0.173  
 Percentuale partecipazione delle masse = 86.8 %

**Livelli di accelerazione al suolo per diversi SL**

	PGA	Tr [anni]
Primo collasso a taglio (SLV)	0.4254 g	754
Collasso di un nodo (SLV)	0.4254 g	754
Rot. risp. alla corda o ver. a fless. o pressofless. (SLV)	0.4254 g	754
Capacità limite del terreno di fondazione (SLV)	0.4254 g	754
Deformazione di danno (SLD)	0.4244 g	754
Deformazione di danno (SLO)	0.4346 g	754

VARIAZIONI MASSE RIGIDEZZE			
Impalcato	Rigidezza X [%]	Rigidezza Y [%]	Masse [%]
Piano 1	31.2	90.5	0.9
Piano 2	19.0	4.7	19.4
Piano 3	23.0	5.8	63.8
Piano 4	45.0	69.0	79.1

Max variazioni masse e rigidezze (par. 21F) = 90.5 %

**Valori di riferimento**

PGA<sub>SLV</sub> = 0.4163 g  
 PGA<sub>SLD</sub> = 0.1505 g  
 PGA<sub>SLO</sub> = 0.1185 g

Tr<sub>SLV</sub> = 712 anni  
 Tr<sub>SLD</sub> = 75 anni  
 Tr<sub>SLO</sub> = 45 anni

**Indicatori di rischio**

Stato Limite	Rapp. PGA	(Rapp. Tr) <sup>a</sup>
per la vita ( $\alpha_{nv}$ )	1.0217	1.0239
di inagibilità ( $\alpha_{ed}$ )	2.8205	2.5851
per l'operatività ( $\alpha_{eo}$ )	3.6667	3.1898

**Riepilogo PGA**

ag SLV = 0.3300g  
 ag SLD = 0.3300g  
 ag SLO = 0.3300g

PGA SLV = 0.4254g  
 PGA SLD = 0.4244g  
 PGA SLO = 0.4346g

Tr SLV = 754 anni  
 Tr SLD = 754 anni  
 Tr SLO = 754 anni

**Valori PGA differenziati per elemento.**

- Pilastri

Pilastro	Assa	Imp.	Filo	PGA				Indicatore di Rischio			
				SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	211	Piano 1	1	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
2	379	Piano 2	1	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
3	544	Piano 3	1	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
4	212	Piano 1	2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
5	380	Piano 2	2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
6	545	Piano 3	2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
7	216	Piano 1	3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
8	384	Piano 2	3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
9	549	Piano 3	3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
10	220	Piano 1	4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
11	388	Piano 2	4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
12	553	Piano 3	4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
13	221	Piano 1	5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
14	389	Piano 2	5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
15	554	Piano 3	5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
16	222	Piano 1	6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
17	390	Piano 2	6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
18	555	Piano 3	6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
19	223	Piano 1	7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
20	391	Piano 2	7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
21	556	Piano 3	7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
22	224	Piano 1	8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
23	392	Piano 2	8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
24	557	Piano 3	8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
25	225	Piano 1	9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
26	393	Piano 2	9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
27	558	Piano 3	9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
28	226	Piano 1	10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
29	394	Piano 2	10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
30	559	Piano 3	10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
31	227	Piano 1	11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
32	395	Piano 2	11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
33	560	Piano 3	11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-



34	228	Piano 1	12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
35	396	Piano 2	12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
36	561	Piano 3	12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
37	229	Piano 1	13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
38	397	Piano 2	13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
39	562	Piano 3	13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
40	230	Piano 1	14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
41	398	Piano 2	14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
42	563	Piano 3	14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
43	231	Piano 1	15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
44	399	Piano 2	15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
45	564	Piano 3	15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
46	232	Piano 1	16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
47	400	Piano 2	16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
48	565	Piano 3	16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
49	233	Piano 1	17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
50	401	Piano 2	17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
51	566	Piano 3	17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
52	237	Piano 1	18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
53	405	Piano 2	18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
54	570	Piano 3	18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
55	238	Piano 1	19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
56	406	Piano 2	19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
57	571	Piano 3	19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
58	239	Piano 1	20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
59	407	Piano 2	20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
60	572	Piano 3	20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
61	243	Piano 1	21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
62	411	Piano 2	21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
63	576	Piano 3	21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
64	247	Piano 1	22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
65	415	Piano 2	22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
66	580	Piano 3	22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
67	248	Piano 1	23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
68	416	Piano 2	23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
69	581	Piano 3	23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
70	252	Piano 1	24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

## Relazione di calcolo

71	420	Piano 2	24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
72	585	Piano 3	24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
73	253	Piano 1	25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
74	421	Piano 2	25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
75	586	Piano 3	25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
76	648	Piano 4	25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
77	254	Piano 1	26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
78	422	Piano 2	26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
79	587	Piano 3	26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
80	649	Piano 4	26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
81	255	Piano 1	27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
82	423	Piano 2	27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
83	588	Piano 3	27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
84	650	Piano 4	27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
85	259	Piano 1	28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
86	424	Piano 2	28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
87	589	Piano 3	28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
88	651	Piano 4	28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
89	263	Piano 1	29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
90	428	Piano 2	29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
91	593	Piano 3	29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
92	652	Piano 4	29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
93	264	Piano 1	30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
94	429	Piano 2	30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
95	594	Piano 3	30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
96	653	Piano 4	30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
97	265	Piano 1	31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
98	430	Piano 2	31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
99	595	Piano 3	31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
100	654	Piano 4	31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
101	266	Piano 1	32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
102	431	Piano 2	32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
103	596	Piano 3	32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
104	655	Piano 4	32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
105	270	Piano 1	33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
106	435	Piano 2	33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
107	600	Piano 3	33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

108	656	Piano 4	33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
109	271	Piano 1	34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
110	436	Piano 2	34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
111	601	Piano 3	34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
112	657	Piano 4	34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
113	272	Piano 1	35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
114	437	Piano 2	35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
115	602	Piano 3	35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
116	658	Piano 4	35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
117	273	Piano 1	36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
118	438	Piano 2	36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
119	603	Piano 3	36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
120	659	Piano 4	36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
121	277	Piano 1	37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
122	442	Piano 2	37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
123	607	Piano 3	37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
124	660	Piano 4	37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
125	278	Piano 1	38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
126	443	Piano 2	38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
127	608	Piano 3	38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
128	661	Piano 4	38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
129	279	Piano 1	39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
130	444	Piano 2	39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
131	609	Piano 3	39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
132	662	Piano 4	39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
133	280	Piano 1	40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
134	445	Piano 2	40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
135	610	Piano 3	40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
136	663	Piano 4	40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
137	284	Piano 1	41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
138	449	Piano 2	41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
139	614	Piano 3	41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
140	664	Piano 4	41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
141	288	Piano 1	42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
142	453	Piano 2	42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
143	618	Piano 3	42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
144	665	Piano 4	42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

## Relazione di calcolo

145	289	Piano 1	49	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
146	454	Piano 2	49	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
147	619	Piano 3	49	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
148	290	Piano 1	50	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
149	455	Piano 2	50	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
150	620	Piano 3	50	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

- Travi

Cam p	Ast a	Imp.	Fili	PGA				Indicatore di Rischio			
				SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	114	Piano 1	1-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
2	115	Piano 1	1-4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
3	116	Piano 1	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
4	119	Piano 1	2-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
5	120	Piano 1	3-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
6	121	Piano 1	4-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
7	122	Piano 1	4-7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
8	123	Piano 1	5-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
9	124	Piano 1	5-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
10	125	Piano 1	6-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
11	126	Piano 1	7-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
12	127	Piano 1	7-10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
13	128	Piano 1	8-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
14	129	Piano 1	8-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
15	130	Piano 1	9-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
16	131	Piano 1	10-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
17	132	Piano 1	10-13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
18	133	Piano 1	11-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
19	134	Piano 1	11-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
20	135	Piano 1	12-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
21	136	Piano 1	13-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
22	137	Piano 1	13-16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
23	138	Piano 1	14-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
24	139	Piano 1	14-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
25	140	Piano 1	15-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
26	141	Piano 1	16-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
27	142	Piano 1	16-19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

## Relazione di calcolo

28	143	Piano 1	17-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
29	144	Piano 1	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
30	151	Piano 1	18-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
31	152	Piano 1	19-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
32	153	Piano 1	19-22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
33	154	Piano 1	20-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
34	155	Piano 1	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
35	159	Piano 1	21-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
36	160	Piano 1	21-43	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
37	164	Piano 1	22-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
38	165	Piano 1	22-25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
39	166	Piano 1	23-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
40	167	Piano 1	23-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
41	168	Piano 1	24-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
42	169	Piano 1	44-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
43	170	Piano 1	25-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
44	171	Piano 1	25-29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
45	172	Piano 1	26-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
46	173	Piano 1	26-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
47	174	Piano 1	28-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
48	178	Piano 1	27-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
49	179	Piano 1	32-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
50	180	Piano 1	29-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
51	181	Piano 1	29-33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
52	182	Piano 1	30-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
53	183	Piano 1	30-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
54	184	Piano 1	31-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
55	185	Piano 1	31-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
56	186	Piano 1	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
57	191	Piano 1	33-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
58	192	Piano 1	33-39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
59	193	Piano 1	34-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
60	194	Piano 1	34-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
61	195	Piano 1	35-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
62	196	Piano 1	35-37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
63	197	Piano 1	38-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
64	198	Piano 1	37-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

65	199	Piano 1	37-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
66	200	Piano 1	42-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
67	201	Piano 1	39-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
68	202	Piano 1	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
69	205	Piano 1	40-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
70	207	Piano 1	41-42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
71	208	Piano 1	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
72	210	Piano 1	50-49	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
73	291	Piano 2	1-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
74	292	Piano 2	1-4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
75	293	Piano 2	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
76	296	Piano 2	2-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
77	297	Piano 2	3-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
78	298	Piano 2	4-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
79	299	Piano 2	4-7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
80	300	Piano 2	5-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
81	301	Piano 2	5-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
82	302	Piano 2	6-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
83	303	Piano 2	7-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
84	304	Piano 2	7-10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
85	305	Piano 2	8-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
86	306	Piano 2	8-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
87	307	Piano 2	9-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
88	308	Piano 2	10-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
89	309	Piano 2	10-13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
90	310	Piano 2	11-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
91	311	Piano 2	11-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
92	312	Piano 2	12-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
93	313	Piano 2	13-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
94	314	Piano 2	13-16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
95	315	Piano 2	14-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
96	316	Piano 2	14-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
97	317	Piano 2	15-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
98	318	Piano 2	16-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
99	319	Piano 2	16-19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
100	320	Piano 2	17-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
101	321	Piano 2	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

102	327	Piano 2	18-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
103	328	Piano 2	19-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
104	329	Piano 2	19-22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
105	330	Piano 2	20-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
106	331	Piano 2	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
107	335	Piano 2	21-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
108	336	Piano 2	22-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
109	337	Piano 2	22-25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
110	338	Piano 2	23-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
111	339	Piano 2	23-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
112	340	Piano 2	24-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
113	341	Piano 2	24-44	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
114	342	Piano 2	25-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
115	343	Piano 2	25-29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
116	344	Piano 2	26-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
117	345	Piano 2	26-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
118	346	Piano 2	28-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
119	347	Piano 2	27-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
120	348	Piano 2	32-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
121	349	Piano 2	29-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
122	350	Piano 2	29-33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
123	351	Piano 2	30-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
124	352	Piano 2	30-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
125	353	Piano 2	31-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
126	354	Piano 2	31-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
127	355	Piano 2	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
128	359	Piano 2	33-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
129	360	Piano 2	33-39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
130	361	Piano 2	34-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
131	362	Piano 2	34-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
132	363	Piano 2	35-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
133	364	Piano 2	35-37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
134	365	Piano 2	38-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
135	366	Piano 2	37-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
136	367	Piano 2	37-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
137	368	Piano 2	42-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
138	369	Piano 2	39-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

139	370	Piano 2	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
140	373	Piano 2	40-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
141	375	Piano 2	41-42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
142	376	Piano 2	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
143	378	Piano 2	50-49	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
144	456	Piano 3	1-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
145	457	Piano 3	1-4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
146	458	Piano 3	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
147	461	Piano 3	2-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
148	462	Piano 3	3-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
149	463	Piano 3	4-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
150	464	Piano 3	4-7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
151	465	Piano 3	5-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
152	466	Piano 3	5-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
153	467	Piano 3	6-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
154	468	Piano 3	7-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
155	469	Piano 3	7-10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
156	470	Piano 3	8-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
157	471	Piano 3	8-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
158	472	Piano 3	9-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
159	473	Piano 3	10-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
160	474	Piano 3	10-13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
161	475	Piano 3	11-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
162	476	Piano 3	11-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
163	477	Piano 3	12-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
164	478	Piano 3	13-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
165	479	Piano 3	13-16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
166	480	Piano 3	14-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
167	481	Piano 3	14-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
168	482	Piano 3	15-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
169	483	Piano 3	16-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
170	484	Piano 3	16-19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
171	485	Piano 3	17-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
172	486	Piano 3	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
173	492	Piano 3	18-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
174	493	Piano 3	19-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
175	494	Piano 3	19-22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-



176	495	Piano 3	20-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
177	496	Piano 3	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
178	500	Piano 3	21-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
179	501	Piano 3	22-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
180	502	Piano 3	22-25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
181	503	Piano 3	23-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
182	504	Piano 3	23-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
183	505	Piano 3	24-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
184	506	Piano 3	44-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
185	507	Piano 3	25-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
186	508	Piano 3	25-29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
187	509	Piano 3	26-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
188	510	Piano 3	26-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
189	511	Piano 3	28-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
190	512	Piano 3	27-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
191	513	Piano 3	32-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
192	514	Piano 3	29-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
193	515	Piano 3	29-33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
194	516	Piano 3	30-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
195	517	Piano 3	30-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
196	518	Piano 3	31-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
197	519	Piano 3	31-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
198	520	Piano 3	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
199	524	Piano 3	33-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
200	525	Piano 3	33-39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
201	526	Piano 3	34-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
202	527	Piano 3	34-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
203	528	Piano 3	35-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
204	529	Piano 3	35-37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
205	530	Piano 3	38-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
206	531	Piano 3	37-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
207	532	Piano 3	37-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
208	533	Piano 3	42-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
209	534	Piano 3	39-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
210	535	Piano 3	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
211	538	Piano 3	40-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
212	540	Piano 3	41-42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

## Relazione di calcolo

213	541	Piano 3	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
214	543	Piano 3	50-49	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
215	621	Piano 4	25-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
216	622	Piano 4	25-29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
217	623	Piano 4	26-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
218	624	Piano 4	26-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
219	625	Piano 4	28-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
220	626	Piano 4	27-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
221	627	Piano 4	32-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
222	628	Piano 4	29-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
223	629	Piano 4	29-33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
224	630	Piano 4	30-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
225	631	Piano 4	30-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
226	632	Piano 4	31-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
227	633	Piano 4	31-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
228	634	Piano 4	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
229	635	Piano 4	33-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
230	636	Piano 4	33-39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
231	637	Piano 4	34-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
232	638	Piano 4	34-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
233	639	Piano 4	35-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
234	640	Piano 4	35-37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
235	641	Piano 4	38-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
236	642	Piano 4	37-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
237	643	Piano 4	37-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
238	644	Piano 4	42-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
239	645	Piano 4	39-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
240	646	Piano 4	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
241	647	Piano 4	41-42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
242	1	Fondazio ne	1-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
243	2	Fondazio ne	1-4	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
244	3	Fondazio ne	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
245	6	Fondazio ne	2-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
246	7	Fondazio ne	46-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
247	9	Fondazio ne	3-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
248	10	Fondazio ne	3-45	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
249	12	Fondazio ne	4-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

250	13	Fondazio ne	4-7	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
251	14	Fondazio ne	5-6	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
252	15	Fondazio ne	5-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
253	16	Fondazio ne	6-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
254	17	Fondazio ne	7-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
255	18	Fondazio ne	7-10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
256	19	Fondazio ne	8-9	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
257	20	Fondazio ne	8-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
258	21	Fondazio ne	9-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
259	22	Fondazio ne	10-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
260	23	Fondazio ne	10-13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
261	24	Fondazio ne	11-12	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
262	25	Fondazio ne	11-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
263	26	Fondazio ne	12-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
264	27	Fondazio ne	14-13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
265	28	Fondazio ne	13-16	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
266	29	Fondazio ne	14-15	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
267	30	Fondazio ne	14-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
268	31	Fondazio ne	15-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
269	32	Fondazio ne	16-17	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
270	33	Fondazio ne	16-19	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
271	34	Fondazio ne	17-18	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
272	35	Fondazio ne	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
273	40	Fondazio ne	18-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
274	41	Fondazio ne	19-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
275	42	Fondazio ne	19-22	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
276	43	Fondazio ne	20-21	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
277	44	Fondazio ne	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
278	48	Fondazio ne	21-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
279	49	Fondazio ne	21-43	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
280	53	Fondazio ne	22-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
281	54	Fondazio ne	22-25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
282	55	Fondazio ne	23-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
283	56	Fondazio ne	23-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
284	57	Fondazio ne	24-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
285	58	Fondazio ne	44-24	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
286	59	Fondazio ne	25-26	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

## Relazione di calcolo

287	60	Fondazio ne	25-29	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
288	61	Fondazio ne	26-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
289	62	Fondazio ne	26-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
290	63	Fondazio ne	28-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
291	67	Fondazio ne	27-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
292	68	Fondazio ne	32-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
293	69	Fondazio ne	44-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
294	73	Fondazio ne	29-30	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
295	74	Fondazio ne	29-33	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
296	75	Fondazio ne	30-31	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
297	76	Fondazio ne	30-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
298	77	Fondazio ne	31-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
299	78	Fondazio ne	31-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
300	79	Fondazio ne	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
301	84	Fondazio ne	33-34	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
302	85	Fondazio ne	33-39	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
303	86	Fondazio ne	34-35	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
304	87	Fondazio ne	34-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
305	88	Fondazio ne	35-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
306	89	Fondazio ne	35-37	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
307	90	Fondazio ne	38-36	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
308	91	Fondazio ne	37-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
309	92	Fondazio ne	37-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
310	93	Fondazio ne	42-38	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
311	94	Fondazio ne	39-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
312	95	Fondazio ne	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
313	98	Fondazio ne	48-40	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
314	100	Fondazio ne	41-42	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
315	101	Fondazio ne	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
316	103	Fondazio ne	43-44	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
317	107	Fondazio ne	45-46	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
318	110	Fondazio ne	47-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

### - Nodi Strutturali

Nodo	Imp.	Filo	PGA				Indicatore di Rischio			
			SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	Fondazio e	1	Non trovato		Non eseguita	Non eseguita	-	-	-	-
2	Fondazio	2	Non trovato		Non eseguita	Non eseguita	-	-	-	-

	e									
3	Fondazion e	3	Non trovato		Non eseguita	Non eseguita	-	-	-	-
4	Fondazion e	4	Non trovato		Non eseguita	Non eseguita	-	-	-	-
5	Fondazion e	5	Non trovato		Non eseguita	Non eseguita	-	-	-	-
6	Fondazion e	6	Non trovato		Non eseguita	Non eseguita	-	-	-	-
7	Fondazion e	7	Non trovato		Non eseguita	Non eseguita	-	-	-	-
8	Fondazion e	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-
9	Fondazion e	9	Non trovato		Non eseguita	Non eseguita	-	-	-	-
10	Fondazion e	10	Non trovato		Non eseguita	Non eseguita	-	-	-	-
11	Fondazion e	11	Non trovato		Non eseguita	Non eseguita	-	-	-	-
12	Fondazion e	12	Non trovato		Non eseguita	Non eseguita	-	-	-	-
13	Fondazion e	13	Non trovato		Non eseguita	Non eseguita	-	-	-	-
14	Fondazion e	14	Non trovato		Non eseguita	Non eseguita	-	-	-	-
15	Fondazion e	15	Non trovato		Non eseguita	Non eseguita	-	-	-	-
16	Fondazion e	16	Non trovato		Non eseguita	Non eseguita	-	-	-	-
17	Fondazion e	17	Non trovato		Non eseguita	Non eseguita	-	-	-	-
18	Fondazion e	18	Non trovato		Non eseguita	Non eseguita	-	-	-	-
19	Fondazion e	19	Non trovato		Non eseguita	Non eseguita	-	-	-	-
20	Fondazion e	20	Non trovato		Non eseguita	Non eseguita	-	-	-	-
21	Fondazion e	21	Non trovato		Non eseguita	Non eseguita	-	-	-	-
22	Fondazion e	22	Non trovato		Non eseguita	Non eseguita	-	-	-	-
23	Fondazion e	23	Non trovato		Non eseguita	Non eseguita	-	-	-	-
24	Fondazion e	24	Non trovato		Non eseguita	Non eseguita	-	-	-	-
25	Fondazion e	25	Non trovato		Non eseguita	Non eseguita	-	-	-	-
26	Fondazion e	26	Non trovato		Non eseguita	Non eseguita	-	-	-	-
27	Fondazion e	27	Non trovato		Non eseguita	Non eseguita	-	-	-	-
28	Fondazion e	28	Non trovato		Non eseguita	Non eseguita	-	-	-	-
29	Fondazion e	29	Non trovato		Non eseguita	Non eseguita	-	-	-	-
30	Fondazion e	30	Non trovato		Non eseguita	Non eseguita	-	-	-	-
31	Fondazion e	31	Non trovato		Non eseguita	Non eseguita	-	-	-	-
32	Fondazion e	32	Non trovato		Non eseguita	Non eseguita	-	-	-	-
33	Fondazion e	33	Non trovato		Non eseguita	Non eseguita	-	-	-	-
34	Fondazion e	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
35	Fondazion e	35	Non trovato		Non eseguita	Non eseguita	-	-	-	-
36	Fondazion e	36	Non trovato		Non eseguita	Non eseguita	-	-	-	-
37	Fondazion e	37	Non trovato		Non eseguita	Non eseguita	-	-	-	-
38	Fondazion e	38	Non trovato		Non eseguita	Non eseguita	-	-	-	-
39	Fondazion	39	Non trovato		Non eseguita	Non eseguita	-	-	-	-





## Relazione di calcolo

181	Piano 4	31	Non trovato		Non eseguita	Non eseguita	-	-	-	-
182	Piano 4	32	Non trovato		Non eseguita	Non eseguita	-	-	-	-
183	Piano 4	33	Non trovato		Non eseguita	Non eseguita	-	-	-	-
184	Piano 4	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
185	Piano 4	35	Non trovato		Non eseguita	Non eseguita	-	-	-	-
186	Piano 4	36	Non trovato		Non eseguita	Non eseguita	-	-	-	-
187	Piano 4	37	Non trovato		Non eseguita	Non eseguita	-	-	-	-
188	Piano 4	38	Non trovato		Non eseguita	Non eseguita	-	-	-	-
189	Piano 4	39	Non trovato		Non eseguita	Non eseguita	-	-	-	-
190	Piano 4	40	Non trovato		Non eseguita	Non eseguita	-	-	-	-
191	Piano 4	41	Non trovato		Non eseguita	Non eseguita	-	-	-	-
192	Piano 4	42	Non trovato		Non eseguita	Non eseguita	-	-	-	-

- Pareti

Parete	Imp.	Fili	PGA				Indicatore di Rischio			
			SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	Piano 1	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
2	Piano 1	46-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
3	Piano 1	45-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
4	Piano 1	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
5	Piano 1	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
6	Piano 1	21-43	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
7	Piano 1	28-27	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
8	Piano 1	44-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
9	Piano 1	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
10	Piano 1	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
11	Piano 1	40-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
12	Piano 1	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
13	Piano 1	43-44	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
14	Piano 1	46-45	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
15	Piano 1	47-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
16	Piano 2	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
17	Piano 2	46-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
18	Piano 2	3-45	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
19	Piano 2	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
20	Piano 2	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
21	Piano 2	21-43	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
22	Piano 2	44-28	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
23	Piano 2	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
24	Piano 2	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
25	Piano 2	40-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
26	Piano 2	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
27	Piano 2	43-44	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
28	Piano 2	45-46	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
29	Piano 2	47-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
30	Piano 3	2-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
31	Piano 3	46-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
32	Piano 3	3-45	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
33	Piano 3	17-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
34	Piano 3	20-23	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
35	Piano 3	21-43	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
36	Piano 3	28-44	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
37	Piano 3	36-32	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
38	Piano 3	40-41	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
39	Piano 3	40-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
40	Piano 3	41-47	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
41	Piano 3	43-44	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
42	Piano 3	45-46	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
43	Piano 3	47-48	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-





## **SOMMARIO**

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