

	H	N	C	C α	C β
2 S	8.21	115.08		60.07	61.96
3 R	7.88	124.03	177.86	58.20	27.96
4 Q	7.78	119.02	178.52	58.57	27.13
5 N	8.07	118.20	178.86	55.14	36.85
6 A	8.30	126.18	179.08	55.72	16.99
7 E	8.42	117.88	179.59	59.50	28.57
8 E	8.58	119.78	179.23	58.70	28.77
9 N	8.34	118.70		56.48	38.70
10 L	8.30	121.26		58.24	40.43
14 A	8.60	120.28	179.38	55.07	17.59
15 K	7.84	116.43	180.50	58.77	31.36
16 E	7.44	120.41	177.75	57.87	28.25
17 L	7.20	117.14	175.29	54.13	41.08
18 K	7.61	114.49	175.61	56.52	27.77
19 L	7.67	119.72	175.08	51.41	41.73
20 P			175.87	62.40	31.45
21 D	7.95	116.24	175.35	54.45	40.16
22 V	7.51	116.84	174.13	60.70	32.83
23 A	7.82	123.99	176.63	50.83	21.64
24 F	8.54	118.11		58.73	39.11
26 Q			176.34	57.59	27.12
27 N	8.51	118.62	175.23	52.42	38.11
28 N	8.54	116.24	173.05	54.34	37.08
29 T	8.41	112.15	176.67	61.39	72.36
42 L	8.58	120.42		53.08	44.19
43 T	9.16	117.31		61.23	72.60
44 Y	8.74	128.81	172.43	55.69	38.89
45 E	8.61	131.97	173.59	53.99	31.63
46 E	8.12	126.14	178.99	58.59	29.08
47 H				58.22	29.19
48 S	6.87	111.35	174.31	56.24	63.88
49 D	7.46	118.02	173.40	55.60	40.04
50 R	7.32	116.12	173.84	55.53	33.99
51 L	8.83	121.31	174.59	52.84	44.80
52 Y	9.52	126.19	174.94	57.81	39.41
53 V	8.73	122.86	174.69	59.70	32.63
54 Y	9.40	120.52	173.65	55.95	39.86
55 A	9.07	119.39	173.98	49.76	22.64
56 P				61.41	
57 L	8.96	118.61	175.64	53.41	43.17
58 L	7.06	115.34	173.22	54.86	44.87
59 D	8.18	125.69	175.58	52.85	41.15
60 G	8.59	114.21	172.80	44.73	
61 L	8.31	122.48	175.23	51.22	40.62
65 P			178.31	64.72	31.22
66 Q	7.75	117.17	179.59	59.09	27.20
67 R	7.51	119.28	177.58	58.31	29.84
68 R	8.12	118.81	176.06	59.86	29.56
69 L	8.05	117.43	177.09	58.12	40.38
70 A	7.35	119.18	180.73	54.46	17.24
71 L	8.00	119.63	177.15	57.48	41.33
72 Y	8.54	117.32	177.57	56.70	35.85
73 E	8.93	118.31	177.44	60.42	29.98
74 K	7.54	117.68	179.68	57.56	30.75
75 L	8.16	117.89			41.37
77 E			180.82	58.34	
78 G	8.09	106.98	174.03	46.63	
87 G	7.95	103.36		45.22	
91 G	7.93	107.35	170.32	45.00	
92 V	7.62	118.29	173.03	59.09	35.15
93 A	8.74	129.52	177.84	49.58	18.18
94 T	8.51	118.40	177.55	65.83	67.59
95 K	8.79	123.30	178.42	59.09	30.38
96 E	7.89	116.23	174.76	57.14	28.57
97 Q	7.76	114.29	172.56	56.25	25.24
98 L	7.44	116.61	175.61	53.08	46.43
99 I	8.11	121.08		59.89	37.70
102 H	8.94	122.94			C 173.07, C α 54.82, C β 37.33
103 C	9.34	115.99			C 172.29, C α 57.96, C β 32.13
104 V	8.66	121.19			C 174.68, C α 60.75, C β 32.90
105 L	8.81	126.80			C 175.37, C α 52.38, C β 43.31
106 D	8.54	123.48			C 177.01, C α 54.33, C β 41.25
107 M					N 121.31, H 8.49, C α 53.60, C β 34.69
128 K				59.46	31.58
129 W	8.03	118.05	179.37	60.95	29.62
130 R	9.48	123.91	180.08	59.85	29.51
131 T	7.59	117.64		66.42	67.98
132 V	8.36	118.72	179.20	67.19	30.75
133 C	7.37	119.00	178.77	59.57	31.50
137 S			174.56		
138 A	7.47	120.19	177.68	51.56	18.66
139 G	7.84	107.02	174.03	45.11	
140 R	8.18	119.55	176.10	54.12	31.66
141 E	8.24	122.42	174.74	53.80	28.23
142 P			177.92	62.68	31.67
143 T	8.92	115.06	174.39	62.08	69.48
144 V	7.16	118.20	173.99	59.99	33.30
145 D	8.25	123.54	176.59	53.23	41.06
146 T	7.88	114.13	174.56	61.39	68.24
147 M	8.05	123.49	174.36	53.43	30.77
148 P			176.44	62.45	31.24
149 Q	8.36	120.41	175.75	54.99	28.80
150 M	8.32	122.75	174.23	52.74	31.50
162 P			176.60	62.42	31.12
163 A	8.25	123.26	178.22	52.04	18.59
164 G	8.24	107.52	173.81	44.78	
165 I	7.84	119.91	175.97	60.60	37.68
166 R	8.30	125.40	174.66	55.21	29.89
167 A	7.90	131.28		53.37	19.37