material		9.752				
positioning		0.111				
threat		3.53				
move #	depth	move	time	visited	pruned	DP hits
2	1	g8f6	0.007406	21	0	0
2	2	g8f6	0.03461337	103	0	0
2	3	g8f6	0.27165389	897	0	139
2	4	b8c6	4.31507611	14115	0	2070
4	1	g8f6	0.00799084	23	0	3
4	2	g8f6	0.01823211	99	0	76
4	3	g8f6	0.32718468	1041	0	110
4	4	g8f6	1.56327724	5391	0	592
6	1	f6e4	0.0076251	24	0	7
6	2	c6b4	0.05750608	259	0	204
6	3	f6e4	0.40211821	1289	0	118
6	4	a7a6	8.80332899	28651	0	4731
8	1	f6e4	0.0104959	26	0	0
8	2	c6b4	0.08062291	252	0	72
8	3	f6e4	0.50331116	1501	0	164
8	4	b7b5	8.80697179	29295	0	5442
10	1	b5a4	0.00977898	27	0	0
10	2	b5a4	0.03404212	169	0	132
10	3	b5a4	0.71707225	2275	0	224
10	4	b5a4	4.0469451	14798	0	2379
12	1	f6e4	0.00762701	26	0	9
12	2	a8b8	0.03422475	145	0	71
12	3	a8b8	0.5092113	1650	0	202
12	4	a8b8	1.9187839	6733	0	785
14	1	f6e4	0.00896311	30	0	9
14	2	a4a3	0.06003404	259	0	160
14	3	a4a3	1.44879413	4653	0	515
14	4	a4a3	12.678252	44066	0	10421
16	1	f6e4	0.00979829	30	0	9
16	2	a3b2	0.05265617	173	0	26
16	3	a3b2	1.09999418	3415	0	405
16	4	a3b2	12.4880869	44295	0	10857
18	1	b2a1q	0.00972128	36	0	19
18	2	b2a1q	0.08735323	379	0	247
18	3	b2a1q	3.76606202	12690	0	2980
18	4	b2a1q	22.531857	83681	0	23643
20	1	a1c1	0.00828695	35	0	24
20	2	a1c3	0.04654694	175	0	46
20	3	a1c3	1.63991714	5074	0	450
20	4	a1a2	17.3207412	60206	0	14704
21	1	f3e5	0.00993204	22	5	0

21	2	d4d5	0.08984399	202	165	0
21	3	d4d5	0.88818479	1542	464	184
21	4	d4d5	15.007355	37011	21895	10091
22	1	a2d2	0.01465917	40	0	0
22	2	c6a5	0.1573751	593	0	314
22	3	c6a5	6.48388314	16562	0	3156
22	4	c6a7	24.8753228	85286	0	24366
23	1	f3e5	0.00767207	23	5	22
23	2	f3g5	0.06264782	171	101	148
23	3	f3e5	0.7641561	1333	617	129
23	4	d1e2	6.85289121	15671	9106	3248
24	1	a2d2	0.00922298	39	0	27
24	2	a2c2	0.07255888	359	0	292
24	3	a7b5	1.64926124	5128	0	632
24	4	a6a5	13.3473401	45332	0	7927
25	1	f3e5	0.01147795	26	4	1
25	2	f3g5	0.10608411	249	191	32
25	3	d2c4	1.35165429	2482	1245	240
25	4	e2c4	7.2586062	15930	8720	2730
26	1	a2c4	0.01379085	38	0	0
26	2	a2c4	0.10946512	378	0	96
26	3	a2c2	3.00248599	9351	0	1430
26	4	a2c4	18.0941639	62655	0	15866
27	1	d2c4	0.0060699	19	4	18
27	2	d2c4	0.06498098	150	70	39
27	3	d2c4	0.85896826	1367	848	173
27	4	d2c4	5.4340291	12635	5763	2968
28	1	a7b5	0.00543189	29	0	28
28	2	a7b5	0.04204512	224	0	195
28	3	b8b1	0.92992306	3050	0	371
28	4	b8b1	7.8483901	26659	0	4369
29	1	c1e3	0.00558305	11	23	3
29	2	c4a5	0.04662108	122	71	27
29	3	c4a5	0.63661885	1118	1845	55
29	4	c1e3	5.71350384	14944	7189	2326
30	1	b1e1	0.00787592	32	0	18
30	2	b1e1	0.13078308	488	0	189
30	3	b1e1	4.10047793	13650	0	1419
30	4	b1e1	33.9331129	123762	0	50637
31	1	f3e1	0.00090194	3	0	2
31	2	f3e1	0.0122211	38	14	17
31	3	f3e1	0.1712091	266	319	0
31	4	f3e1	0.92754912	2123	968	151
32	1	a7b5	0.00398493	21	0	20
32	2	a7b5	0.03343892	180	0	159

32	3 a7b5	0.57602572	1929	0	168
32	4 a7b5	2.98269415	11256	0	2053
33	1 e4e5	0.00397325	4	26	3
33	2 d5d6	0.01277089	40	42	36
33	3 c4a5	0.11921	139	524	6
33	4 e4e5	0.64008498	1628	1199	225
34	1 f6d5	0.00620103	23	0	7
34	2 f6d5	0.04993677	202	0	86
34	3 f6d5	0.67094183	2392	0	276
34	4 f6d5	5.6260488	21179	0	5773
35	1 e3c5	0.00353503	11	17	10
35	2 e3g5	0.0276382	105	50	82
35	3 e3d2	0.36319804	591	542	44
35	4 e3d2	2.40929294	6300	1934	930
36	1 b5c3	0.00708914	26	0	13
36	2 h8g8	0.02967072	114	0	41
36	3 a5a4	0.60915089	1999	0	143
36	4 b5c3	2.69425702	9830	0	926
37	1 d2c3	0.00822926	21	4	8
37	2 d2c3	0.0556159	154	22	68
37	3 e1d3	1.08197188	1862	1289	140
37	4 e1f3	2.85663319	7253	1500	897
38	1 c3e4	0.00851727	27	0	1
38	2 c3e2	0.05770612	225	0	94
38	3 c3e2	0.67182279	2291	0	237
38	4 a5a4	3.82147002	14146	0	1717
39	1 d2c3	0.00247598	2	24	1
39	2 d2c3	0.00584507	18	28	16
39	3 d2c3	0.04802203	59	217	0
39	4 d2c3	0.24217486	654	362	36
40	1 d5c3	0.00624609	21	0	0
40	2 d5c3	0.0346303	139	0	32
40	3 d5c3	0.45782495	1609	0	95
40	4 d5c3	2.00653791	7890	0	1517
41	1 f3g5	0.00517082	18	3	17
41	2 f3g5	0.02710795	97	10	79
41	3 c4e3	0.28020787	600	199	111
41	4 h3h4	2.59127212	6955	954	1301
42	1 c8b7	0.00736403	23	0	1
42	2 c8b7	0.02148008	85	0	20
42	3 c3e4	0.48391914	1632	0	140
42	4 c3e4	1.537184	6366	0	700
43	1 f3g5	0.00640178	17	3	0
43	2 f3d4	0.03138304	114	27	82
43	3 f3d4	0.41631818	825	470	96

43	4 f3g5	2.06288266	5487	1070	660
44	1 e4g5	0.00635815	23	0	7
44	2 e4g5	0.02997613	130	0	47
44	3 c8b7	0.58235717	2215	0	219
44	4 e4g5	2.00534725	8496	0	1116
45	1 h4g5	0.00379324	13	5	12
45	2 h4g5	0.0288589	95	15	36
45	3 h4g5	0.23413706	539	204	80
45	4 h4g5	1.79236197	4951	724	883
46	1 c8b7	0.00261092	15	0	14
46	2 c8b7	0.01113439	59	0	35
46	3 c8b7	0.26483083	1002	0	53
46	4 c8b7	0.84703684	3542	0	453
47	1 c4e3	0.00365114	13	4	12
47	2 c4e3	0.03200102	133	14	120
47	3 c4e3	0.15975475	333	99	30
47	4 c4a5	2.71810293	8157	1119	1471
48	1 b7g2	0.00446105	24	0	23
48	2 b7d5	0.02102089	104	0	53
48	3 d8a8	0.38655996	1546	0	278
48	4 d8a8	1.0448482	4958	0	913
49	1 a5b7	0.00432396	12	2	2
49	2 a5b7	0.01841688	47	9	25
49	3 a5b7	0.21213794	431	81	33
49	4 a5b7	0.72841096	2029	279	235
50	1 a8b7	0.00388288	20	0	19
50	2 a8b7	0.00956798	63	0	41
50	3 a8b7	0.21919298	792	0	59
50	4 a8b7	0.43665314	2211	0	259
51	1 g1h2	0.00209284	8	2	7
51	2 g1h2	0.019449	78	4	70
51	3 g1h2	0.11429024	201	29	6
51	4 f2f3	1.27941203	4107	242	988
52	1 b7f3	0.00690889	29	0	10
52	2 b7d5	0.0167799	94	0	42
52	3 b7d5	0.37079811	1452	0	363
52	4 b7d5	0.73863292	3930	0	606
53	1 e5e6	0.00315189	9	1	0
53	2 f3f4	0.02955699	119	8	100
53	3 f3f4	0.17698789	341	28	22
53	4 f3f4	2.05787277	6720	450	1761
54	1 d5e5	0.00814676	32	0	8
54	2 d5d4	0.01548791	90	0	36
54	3 d5d4	0.38253474	1534	0	410
54	4 d5e4	0.76728129	3821	0	691

55	1 e5e6	0.00245404	9	1	5
55	2 g2g3	0.02894902	127	14	118
55	3 g1h1	0.16062307	379	41	30
55	4 g2g3	1.6432488	5637	563	1313
56	1 e4f4	0.00837207	34	0	10
56	2 e4e3	0.01715016	103	0	40
56	3 e4d4	0.41121531	1700	0	365
56	4 e4f3	0.74550986	4056	0	898
57	1 g1h2	0.00168562	4	2	0
57	2 g1h2	0.01253796	47	6	29
57	3 g1h2	0.04865694	100	17	1
57	4 g1h2	0.31098294	1046	133	232
58	1 f3f4	0.00597525	34	0	33
58	2 f3f2	0.01363468	96	0	59
58	3 f3f2	0.38528204	1544	0	310
58	4 f3e4	0.66437292	3693	0	523
59	1 e5e6	0.00205898	6	1	1
59	2 h2h3	0.01781011	62	4	31
59	3 h2h3	0.09952712	222	28	8
59	4 h2h3	0.47626805	1581	111	336
60	1 e4f4	0.00570297	34	0	33
60	2 e4f5	0.01311207	90	0	49
60	3 e4f5	0.38917708	1621	0	354
60	4 e4e3	0.76544499	4307	0	973
61	1 e5e6	0.00215101	7	1	3
61	2 h3h4	0.01323104	44	4	31
61	3 h3h4	0.15579104	379	52	66
61	4 h3h4	1.22856283	4407	426	1710
62	1 e3f4	0.00621891	33	0	32
62	2 e7e6	0.01837015	127	0	92
62	3 a4a3	0.47646379	1901	0	482
62	4 e7e6	0.90485597	4940	0	1069
63	1 g3g4	0.00156903	6	1	5
63	2 h4g4	0.02118206	96	11	90
63	3 h4g4	0.13196921	297	23	7
63	4 h4g4	1.09057117	3974	348	1659
64	1 e3f4	0.01036	38	0	1
64	2 f8c5	0.01511812	111	0	73
64	3 f8e7	0.49347091	1986	0	429
64	4 e3e4	1.01087022	5670	0	1195
65	1 g4h5	0.00145793	4	1	2
65	2 g4h5	0.0112102	42	4	36
65	3 g4h5	0.06814909	149	17	22
65	4 g4h5	0.4935081	1711	148	518
66	1 e4f4	0.0067358	38	0	37

66	2	e4f5	0.01628089	100	0	42
66	3	f8e7	0.41238403	1700	0	453
66	4	f8e7	0.6026392	3651	0	670
67	1	g5g6	0.00200391	6	0	3
67	2	h5h4	0.02497482	114	12	107
67	3	h5g4	0.14911795	339	14	40
67	4	h5g4	1.3837707	4904	439	1956
68	1	e4f4	0.01022696	44	0	21
68	2	e4f5	0.02140331	134	0	69
68	3	e4f5	0.84976625	3340	0	679
68	4	e4f5	0.8806169	5096	0	749
69	1	g4h5	0.00090694	4	0	3
69	2	g4h4	0.01449275	59	11	53
69	3	g4f3	0.11023116	230	17	1
69	4	g4f3	1.00351095	3068	528	491
70	1	f5f4	0.00849605	34	0	18
70	2	e7g5	0.02372575	109	0	17
70	3	e7g5	0.51031613	1838	0	220
70	4	e7g5	1.42480326	6954	0	1515
71	1	f3e3	0.00227976	6	0	0
71	2	f3e3	0.019171	55	6	1
71	3	f3e3	0.12360787	304	16	52
71	4	f3e3	0.86645818	2659	303	627
72	1	g5f4	0.00625372	32	0	31
72	2	g5e7	0.01667404	105	0	72
72	3	f5e5	0.57194424	2167	0	326
72	4	f5e5	0.92532516	4743	0	872
73	1	e3f3	0.00138807	5	0	0
73	2	e3d2	0.03173399	105	25	0
73	3	e3d3	0.15412378	344	16	23
73	4	e3d3	1.70297217	5789	808	1268
74	1	g5f4	0.00950718	39	0	11
74	2	e5d6	0.02162218	136	0	74
74	3	e5d6	0.69560599	2725	0	410
74	4	e5f5	1.53120279	8143	0	1789
75	1	d3d4	0.00176907	7	0	2
75	2	d3d4	0.01797605	66	7	47
75	3	d3d4	0.11712098	301	21	92
75	4	d3e3	1.82808614	5895	836	1934
76	1	g5f4	0.00960398	37	0	9
76	2	g5f6	0.02165198	119	0	49
76	3	g5h6	0.66228199	2349	0	300
76	4	g5e7	1.09930801	5741	0	1041
77	1	e3d4	0.00225472	6	1	2
77	2	e3f3	0.02156782	81	11	73

77	3	e3d4	0.05700707	107	11	14
77	4	e3f3	1.37641764	4606	463	1217
78	1	f5f4	0.00925708	42	0	24
78	2	e7d6	0.01587892	95	0	26
78	3	e7d6	0.54310489	2138	0	367
78	4	e7d6	1.16718984	6278	0	1077
79	1	f3e3	0.00251603	6	0	0
79	2	f3e3	0.02240396	86	7	80
79	3	f3e3	0.21840787	405	12	64
79	4	f3e3	0.85224795	2765	255	564
80	1	d6f4	0.00681281	39	0	38
80	2	a4a3	0.01617503	110	0	71
80	3	a4a3	0.52426195	2021	0	279
80	4	f5g4	1.26616025	6870	0	1220
81	1	f4f5	0.00195599	7	0	6
81	2	e3f2	0.02707505	108	20	89
81	3	e3f2	0.2025218	442	21	72
81	4	e3f2	1.42520189	4664	699	1274
82	1	g4f4	0.00611782	35	0	34
82	2	d6c5	0.02182388	131	0	86
82	3	a4a3	0.53392982	1982	0	225
82	4	a4a3	0.85163307	4529	0	517
83	1	f4f5	0.00262833	7	0	1
83	2	f2g2	0.02149296	76	12	55
83	3	f2g2	0.19970703	485	16	90
83	4	f4f5	2.30133128	7871	1282	2233
84	1	g4f5	0.00950122	40	0	16
84	2	g4f5	0.02562404	129	0	21
84	3	a3a2	0.77577186	2969	0	370
84	4	a3a2	1.63811994	8490	0	1879
85	1	f5e6	0.00340199	8	0	0
85	2	f5e6	0.05475211	244	35	236
85	3	f5e6	0.36452603	860	35	157
85	4	f5e6	5.17280197	18861	2402	7056
86	1	a2a1q	0.00862193	46	0	45
86	2	a2a1q	0.02927208	148	0	49
86	3	g4e6	1.0088892	3977	0	483
86	4	f7e6	1.80566096	9977	0	1993
87	1	f2e3	0.00223184	6	0	1
87	2	f2e3	0.04603815	168	24	38
87	3	f2e3	0.19026709	360	24	48
87	4	f2e3	1.27697206	4903	633	1657
88	1	a2a1q	0.00745225	43	0	42
88	2	a2a1q	0.01293206	93	0	48
88	3	d6g3	0.51075101	2060	0	248

88	4 a2a1q	0.68523312	4061	0	430
89	1 e3d3	0.00138092	4	0	3
89	2 e3f2	0.03031182	115	16	50
89	3 e3d3	0.0927372	185	11	25
89	4 e3d3	1.14558792	3910	493	903
90	1 g4g3	0.01127386	58	0	56
90	2 g4g3	0.01705408	122	0	62
90	3 d6e5	0.95311308	3778	0	593
90	4 d6e5	1.31331182	7347	0	954
91	1 d3e3	0.00183225	4	0	1
91	2 d3e3	0.025594	111	13	104
91	3 d3e3	0.11975908	226	13	19
91	4 d3e3	0.79139209	2754	333	473
92	1 a1d4	0.01026607	56	0	54
92	2 a1d4	0.01581693	113	0	54
92	3 h8f8	0.79243875	3170	0	486
92	4 h8f8	1.04252982	6124	0	798
93	1 e3d3	0.00118995	3	0	1
93	2 e3d3	0.02005696	93	12	87
93	3 e3d3	0.09839988	188	12	26
93	4 e3d3	0.81730413	2976	355	506
94	1 a1c3	0.01061606	61	0	58
94	2 a1c3	0.01657295	125	0	60
94	3 f8h8	0.91434097	3593	0	564
94	4 f8h8	1.20278668	6863	0	771
95	1 d3e3	0.0013361	4	0	3
95	2 d3e3	0.02403593	110	13	103
95	3 d3e3	0.11288786	224	13	19
95	4 d3e3	0.79342008	2656	326	461
96	1 a1d4	0.01027393	55	0	53
96	2 a1d4	0.01642489	111	0	56
96	3 h8f8	0.77091813	3059	0	473
96	4 h8f8	1.04824591	5908	0	775
97	1 e3d3	0.00122666	3	0	1
97	2 e3d3	0.02210212	93	12	87
97	3 e3d3	0.10706306	188	12	26
97	4 e3d3	0.92683411	2976	355	506
98	1 a1c3	0.01063609	61	0	58
98	2 a1c3	0.01951003	125	0	60
98	3 f8h8	0.88783908	3593	0	564
98	4 f8h8	1.20096779	6863	0	771
99	1 d3e3	0.00131893	4	0	3
99	2 d3e3	0.02364683	110	13	103
99	3 d3e3	0.12212992	224	13	19
99	4 d3e3	0.75247312	2656	326	461

100	1 a1d4	0.01013827	55	0	53
100	2 a1d4	0.015481	111	0	56
100	3 h8f8	0.74256992	3059	0	473
100	4 h8f8	0.97769809	5908	0	775
101	1 e3d3	0.00118923	3	0	1
101	2 e3d3	0.01998186	93	12	87
101	3 e3d3	0.09167194	188	12	26
101	4 e3d3	0.83461976	2976	355	506
102	1 a1c3	0.01127601	61	0	58
102	2 a1c3	0.01702619	125	0	60
102	3 f8h8	0.9273448	3593	0	564
102	4 f8h8	1.19147182	6863	0	771
103	1 d3e3	0.00134993	4	0	3
103	2 d3e3	0.02292299	110	13	103
103	3 d3e3	0.1172781	224	13	19
103	4 d3e3	0.80381536	2656	326	461
104	1 a1d4	0.00988698	55	0	53
104	2 a1d4	0.01515532	111	0	56
104	3 h8f8	0.8094039	3059	0	473
104	4 h8f8	1.04481697	5908	0	775
105	1 e3d3	0.00124025	3	0	1
105	2 e3d3	0.02034092	93	12	87
105	3 e3d3	0.10399103	188	12	26
105	4 e3d3	0.87828016	2976	355	480
106	1 a1c3	0.01096177	61	0	58
106	2 a1c3	0.01756406	125	0	60
106	3 f8h8	0.93144608	3593	0	537
106	4 f8h8	1.22445798	6835	0	741
107	1 d3e3	0.00184321	4	0	3
107	2 d3e3	0.02447915	110	13	102
107	3 d3e3	0.12063098	223	13	18
107	4 d3e3	0.82847524	2879	366	479
108	1 a1d4	0.01135278	55	0	52
108	2 a1d4	0.0158	110	0	55
108	3 e5d4	0.84824276	3389	0	509
108	4 e5d4	1.13474894	6301	0	873
109	1 e3d3	0.00096774	3	0	1
109	2 e3d3	0.01487374	66	8	58
109	3 e3d3	0.06989813	133	8	3
109	4 e3d3	0.8199079	2565	196	392
110	1 a1c3	0.00957799	54	0	49
110	2 a1c3	0.01526999	109	0	50
110	3 g4f3	0.92559004	3482	0	572
110	4 g4f3	1.20286179	6745	0	740
111	1 d3c4	0.00118995	4	0	2

111	2 d3c4	0.03141403	133	8	80
111	3 d3c4	0.13942909	277	8	11
111	4 d3c4	1.29350185	4660	301	958
112	1 a1a4	0.01160717	66	0	64
112	2 a1a4	0.02271318	151	0	64
112	3 f3c6	1.24355197	4970	0	1062
112	4 f3c6	1.79682899	10548	0	1448
113	1 c4d3	0.00147605	4	0	2
113	2 c4b4	0.02537704	115	9	106
113	3 c4b4	0.123981	249	9	7
113	4 c4b4	1.06193304	3805	280	583
114	1 c6a4	0.01021123	57	0	53
114	2 c6a4	0.01528597	112	0	54
114	3 h8g8	0.74138427	3052	0	444
114	4 h8g8	0.9907639	5834	0	761
115	1 b4b3	0.00110316	3	0	2
115	2 b4b3	0.01480818	70	6	62
115	3 b4b3	0.06776905	134	6	0
115	4 b4b3	0.79720712	2682	182	465
116	1 c6a4	0.00937295	57	0	52
116	2 c6a4	0.01455617	110	0	53
116	3 g8h8	0.74086404	3031	0	558
116	4 g8h8	0.98279595	5838	0	769
117	1 b3b4	0.00109911	3	0	2
117	2 b3b4	0.01552987	71	5	64
117	3 b3b4	0.07058692	138	5	0
117	4 b3b4	0.76147723	2722	201	422
118	1 c6a4	0.01047897	57	0	53
118	2 c6a4	0.01584196	112	0	55
118	3 h8g8	0.75237322	3052	0	444
118	4 h8g8	0.96536803	5834	0	761
119	1 b4b3	0.00123715	3	0	2
119	2 b4b3	0.01540685	70	6	62
119	3 b4b3	0.06820917	134	6	0
119	4 b4b3	0.7554121	2682	182	465
120	1 c6a4	0.00951099	57	0	52
120	2 c6a4	0.01412797	110	0	53
120	3 g8h8	0.73997593	3031	0	558
120	4 g8h8	0.98344707	5838	0	769
121	1 b3b4	0.00121403	3	0	2
121	2 b3b4	0.01634884	71	5	64
121	3 b3b4	0.07183409	138	5	0
121	4 b3b4	0.75090194	2722	201	422
122	1 c6a4	0.01026416	57	0	53
122	2 c6a4	0.01602292	112	0	55

122	3 h8g8	0.73884106	3052	0	444
122	4 h8g8	0.98652315	5834	0	761
123	1 b4b3	0.00122809	3	0	2
123	2 b4b3	0.01643014	70	6	62
123	3 b4b3	0.07030606	134	6	0
123	4 b4b3	0.83354378	2682	182	465
124	1 c6a4	0.0094552	57	0	52
124	2 c6a4	0.01427603	110	0	53
124	3 g8h8	0.79709482	3031	0	558
124	4 g8h8	1.05795097	5838	0	769
125	1 b3b4	0.00133801	3	0	2
125	2 b3b4	0.016886	71	5	64
125	3 b3b4	0.0775249	138	5	0
125	4 b3b4	0.80647898	2722	201	422
126	1 c6a4	0.01075292	57	0	53
126	2 c6a4	0.01631999	112	0	55
126	3 h8g8	0.77856517	3052	0	444
126	4 h8g8	1.05536389	5835	0	722
127	1 b4b3	0.00119901	3	0	2
127	2 b4b3	0.01643991	70	6	62
127	3 b4b3	0.0764432	135	6	0
127	4 b4b3	0.82466102	2637	179	419
128	1 c6a4	0.01032782	57	0	52
128	2 c6a4	0.01619983	111	0	53
128	3 g8f8	0.74532104	2983	0	508
128	4 g8f8	1.04560304	5722	0	711
129	1 b3b4	0.00120091	3	0	2
129	2 b3b4	0.02043605	81	7	73
129	3 b3b4	0.09131384	158	7	0
129	4 b3b4	0.96171498	3186	268	486
130	1 c6a4	0.01306272	63	0	58
130	2 c6a4	0.02195716	124	0	61
130	3 f8h8	0.92918587	3672	0	535
130	4 f8h8	1.26106095	7031	0	904
131	1 b4b3	0.00200391	3	0	2
131	2 b4b3	0.01659083	70	6	62
131	3 b4b3	0.07460523	134	6	0
131	4 b4b3	0.78491497	2683	181	466
132	1 c6a4	0.01004696	57	0	52
132	2 c6a4	0.01627398	110	0	53
132	3 h8g8	0.77826095	3031	0	559
132	4 h8g8	1.07900476	5837	0	760
133	1 b3b4	0.00249505	3	0	2
133	2 b3b4	0.01799297	71	5	64
133	3 b3b4	0.07704091	138	5	0

133	4 b3b4	0.83248281	2720	203	421
134	1 c6a4	0.01319313	57	0	53
134	2 c6a4	0.02047086	112	0	55
134	3 g8h8	0.78518414	3052	0	443
134	4 g8h8	1.06366014	5834	0	760
135	1 b4b3	0.00298715	3	0	2
135	2 b4b3	0.01861715	70	6	62
135	3 b4b3	0.08056498	134	6	0
135	4 b4b3	0.84161997	2683	181	466
136	1 c6a4	0.01271892	57	0	52
136	2 c6a4	0.01814508	110	0	53
136	3 h8g8	0.79165006	3031	0	559
136	4 h8g8	1.08677101	5837	0	760
137	1 b3b4	0.00302005	3	0	2
137	2 b3b4	0.01920104	71	5	64
137	3 b3b4	0.08496785	138	5	0
137	4 b3b4	0.83521509	2720	203	421
138	1 c6a4	0.012079	57	0	53
138	2 c6a4	0.01792908	112	0	55
138	3 g8h8	0.80150795	3052	0	443
138	4 g8h8	1.11268401	5834	0	760
139	1 b4b3	0.00256824	3	0	2
139	2 b4b3	0.01734591	70	6	62
139	3 b4b3	0.08208609	134	6	0
139	4 b4b3	0.84549022	2683	181	466
140	1 c6a4	0.01095819	57	0	52
140	2 c6a4	0.01672888	110	0	53
140	3 h8g8	0.77884269	3031	0	559
140	4 h8g8	1.10855222	5837	0	760
141	1 b3b4	0.00259805	3	0	2
141	2 b3b4	0.01845789	71	5	64
141	3 b3b4	0.07938004	138	5	0
141	4 b3b4	0.80417609	2720	203	421
142	1 c6a4	0.01249504	57	0	53
142	2 c6a4	0.01832914	112	0	55
142	3 g8h8	0.78223205	3052	0	443
142	4 g8h8	1.09319901	5834	0	760
143	1 b4b3	0.00279784	3	0	2
143	2 b4b3	0.01823306	70	6	62
143	3 b4b3	0.07724023	134	6	0
143	4 b4b3	0.77935004	2683	181	442
144	1 c6a4	0.01105189	57	0	52
144	2 c6a4	0.0175519	110	0	53
144	3 h8g8	0.79270983	3031	0	533
144	4 h8g8	1.02059889	5810	0	733

145	1 b3b4	0.00273204	3	0	2
145	2 b3b4	0.01759505	71	5	63
145	3 b3b4	0.07690215	137	5	0
145	4 b3b4	0.81315517	2672	200	382
146	1 c6a4	0.0114789	57	0	52
146	2 c6a4	0.01812816	111	0	54
146	3 g8f8	0.77613807	3001	0	404
146	4 g8f8	0.99599504	5719	0	689
147	1 b4b3	0.00141001	3	0	2
147	2 b4b3	0.02116418	80	8	71
147	3 b4b3	0.09112096	155	8	0
147	4 b4b3	0.94341826	3097	242	539
148	1 c6a4	0.01256704	63	0	57
148	2 c6a4	0.01911211	122	0	57
148	3 f8f7	0.9185071	3595	0	672
148	4 f8f7	1.20464897	6930	0	907
149	1 b3b4	0.00120401	3	0	2
149	2 b3b4	0.01765704	79	7	72
149	3 b3b4	0.08644986	155	7	0
149	4 b3b4	0.88251996	3143	272	489
150	1 c6a4	0.01150537	62	0	58
150	2 c6a4	0.01777601	122	0	60
150	3 e8f8	0.89614272	3621	0	539
150	4 e8f8	1.17456293	6932	0	908
151	1 b4b3	0.00122499	3	0	2
151	2 b4b3	0.01631117	76	8	68
151	3 b4b3	0.08154702	147	8	0
151	4 b4b3	0.86108088	2997	244	534
152	1 c6a4	0.01020122	61	0	56
152	2 c6a4	0.01567626	118	0	57
152	3 f8g8	0.85680819	3480	0	666
152	4 f8g8	1.15621567	6705	0	901
153	1 b3b4	0.00124598	3	0	2
153	2 b3b4	0.01696897	77	7	70
153	3 b3b4	0.08418298	151	7	0
153	4 b3b4	0.85328794	3042	267	469
154	1 c6a4	0.01101208	61	0	57
154	2 c6a4	0.01710105	120	0	59
154	3 g8h8	0.85807681	3512	0	518
154	4 g8h8	1.14929914	6720	0	873
155	1 b4b3	0.00120616	3	0	2
155	2 b4b3	0.01587892	74	8	66
155	3 b4b3	0.07792377	143	8	0
155	4 b4b3	0.829	2894	239	514
156	1 c6a4	0.01012802	60	0	55

156	2 c6a4	0.01583004	116	0	56
156	3 h8g8	0.83282518	3366	0	644
156	4 h8g8	1.12906885	6481	0	872
157	1 b3b4	0.00122595	3	0	2
157	2 b3b4	0.0171721	77	7	70
157	3 b3b4	0.08584499	151	7	0
157	4 b3b4	0.85984492	3042	267	469
158	1 c6a4	0.01146603	61	0	57
158	2 c6a4	0.01770496	120	0	59
158	3 g8h8	0.85916328	3512	0	518
158	4 g8h8	1.15005302	6720	0	873
159	1 b4b3	0.00127697	3	0	2
159	2 b4b3	0.01659513	74	8	66
159	3 b4b3	0.07955527	143	8	0
159	4 b4b3	0.85329008	2894	239	514
160	1 c6a4	0.01011777	60	0	55
160	2 c6a4	0.01651907	116	0	56
160	3 h8g8	0.8383491	3366	0	644
160	4 h8g8	1.23427582	6481	0	872
161	1 b3b4	0.00142694	3	0	2
161	2 b3b4	0.01973987	77	7	70
161	3 b3b4	0.09235907	151	7	0
161	4 b3b4	0.94338632	3042	267	469
162	1 c6a4	0.01177597	61	0	57
162	2 c6a4	0.0184679	120	0	59
162	3 g8h8	0.90853596	3512	0	518
162	4 g8h8	1.23561597	6720	0	873
163	1 b4b3	0.00160718	3	0	2
163	2 b4b3	0.01726484	74	8	66
163	3 b4b3	0.08614326	143	8	0
163	4 b4b3	0.8958919	2894	239	514
164	1 c6a4	0.01073098	60	0	55
164	2 c6a4	0.0171268	116	0	56
164	3 h8g8	0.85981131	3366	0	644
164	4 h8g8	1.19469905	6481	0	872
165	1 b3b4	0.00128198	3	0	2
165	2 b3b4	0.01745582	77	7	70
165	3 b3b4	0.08625197	151	7	0
165	4 b3b4	0.89930081	3042	267	447
166	1 c6a4	0.01138711	61	0	57
166	2 c6a4	0.01744223	120	0	59
166	3 g8h8	0.87305593	3512	0	495
166	4 g8h8	1.20430708	6697	0	831
167	1 b4b3	0.00128102	3	0	2
167	2 b4b3	0.01706505	74	8	65

167	3 b4b3	0.08026481	142	8	0
167	4 b4b3	0.85830212	2825	232	460
168	1 c6a4	0.01079917	60	0	54
168	2 c6a4	0.01791596	116	0	56
168	3 f7f8	0.85213304	3290	0	584
168	4 f7f8	1.18148899	6302	0	804
169	1 b3b4	0.00138712	3	0	2
169	2 b3b4	0.01825094	68	5	59
169	3 b3b4	0.083776	129	5	0
169	4 b3b4	0.97621179	3276	263	505
170	1 f8b8	0.014148	65	0	59
170	2 f8b8	0.02151084	125	0	60
170	3 h8g8	0.97304916	3784	0	552
170	4 h8g8	1.26960588	7215	0	934
171	1 b4b3	0.00128698	3	0	2
171	2 b4b3	0.0164938	68	5	58
171	3 b4b3	0.07791471	128	5	0
171	4 b4b3	0.94370699	3252	241	582
172	1 f8b8	0.01250982	65	0	58
172	2 f8b8	0.01974702	124	0	59
172	3 g8h8	0.95507884	3778	0	717
172	4 g8h8	1.29604888	7252	0	965
173	1 b3b4	0.00136304	3	0	2
173	2 b3b4	0.017277	68	5	59
173	3 b3b4	0.07905674	129	5	0
173	4 b3b4	0.93868303	3276	263	505
174	1 f8b8	0.01361799	65	0	59
174	2 f8b8	0.02137995	125	0	60
174	3 h8g8	0.98716021	3784	0	552
174	4 h8g8	1.30908704	7215	0	934
175	1 b4b3	0.00132513	3	0	2
175	2 b4b3	0.01819229	68	5	58
175	3 b4b3	0.07949495	128	5	0
175	4 b4b3	1.00129938	3252	241	582
176	1 f8b8	0.01299095	65	0	58
176	2 f8b8	0.02229118	124	0	59
176	3 g8h8	0.9952457	3778	0	717
176	4 g8h8	1.3558588	7252	0	965
177	1 b3b4	0.0017581	3	0	2
177	2 b3b4	0.01933885	68	5	59
177	3 b3b4	0.08355522	129	5	0
177	4 b3b4	0.98483467	3276	263	505
178	1 f8b8	0.01376724	65	0	59
178	2 f8b8	0.02249694	125	0	60
178	3 h8g8	0.97779202	3784	0	552

178	4 h8g8	1.28090191	7215	0	934
179	1 b4b3	0.00131893	3	0	2
179	2 b4b3	0.01690793	68	5	58
179	3 b4b3	0.07981491	128	5	0
179	4 b4b3	0.96711612	3252	241	582
180	1 f8b8	0.01287484	65	0	58
180	2 f8b8	0.01989794	124	0	59
180	3 g8h8	0.96798706	3778	0	717
180	4 g8h8	1.37400174	7252	0	965
181	1 b3b4	0.00139284	3	0	2
181	2 b3b4	0.01941609	68	5	59
181	3 b3b4	0.08870912	129	5	0
181	4 b3b4	0.98522377	3276	263	481
182	1 f8b8	0.01441908	65	0	59
182	2 f8b8	0.02460122	125	0	60
182	3 h8g8	0.977386	3784	0	527
182	4 h8g8	1.32956481	7189	0	890
183	1 b4b3	0.00135994	3	0	2
183	2 b4b3	0.0174017	68	5	57
183	3 b4b3	0.08121872	127	5	0
183	4 b4b3	1.00072598	3192	236	524
184	1 f8b8	0.01318002	65	0	57
184	2 f8b8	0.02104115	123	0	58
184	3 g8f7	0.95206285	3713	0	653
184	4 g8f7	1.31679893	7096	0	893
185	1 b3b4	0.00148201	3	0	2
185	2 b3b4	0.018821	67	4	58
185	3 b3b4	0.08373499	127	4	0
185	4 b3b4	0.93853521	3225	214	517
186	1 f8b8	0.01467395	63	0	57
186	2 f8b8	0.02428484	121	0	58
186	3 f8h8	0.91658115	3614	0	539
186	4 f8h8	1.236624	6895	0	910
187	1 b4b3	0.00436568	3	0	2
187	2 b4b3	0.02243829	68	4	59
187	3 b4b3	0.08986497	129	4	0
187	4 b4b3	1.01521301	3263	194	598
188	1 h8b8	0.0164938	64	0	58
188	2 h8b8	0.02748418	123	0	58
188	3 h8g8	0.98829198	3674	0	701
188	4 h8g8	1.40958595	7056	0	946
189	1 b3b4	0.00422907	3	0	2
189	2 b3b4	0.02255177	67	4	58
189	3 b3b4	0.08904195	127	4	0
189	4 b3b4	0.977844	3214	211	517

190	1	g8b8	0.01688504	63	0	57
190	2	g8b8	0.02620387	121	0	58
190	3	g8h8	0.95023608	3600	0	539
190	4	g8h8	1.33474016	6867	0	912
191	1	b4b3	0.00422192	3	0	2
191	2	b4b3	0.02347183	68	4	59
191	3	b4b3	0.0914011	129	4	0
191	4	b4b3	1.02026486	3263	194	598
192	1	h8b8	0.01713014	64	0	58
192	2	h8b8	0.02818298	123	0	58
192	3	h8g8	1.06691813	3674	0	701
192	4	h8g8	1.48447204	7056	0	946
193	1	b3b4	0.00425076	3	0	2
193	2	b3b4	0.02299094	67	4	58
193	3	b3b4	0.08983612	127	4	0
193	4	b3b4	1.00869608	3214	211	517
194	1	g8b8	0.01702285	63	0	57
194	2	g8b8	0.02687478	121	0	58
194	3	g8h8	0.95302725	3600	0	539
194	4	g8h8	1.34164524	6867	0	912
195	1	b4b3	0.00455308	3	0	2
195	2	b4b3	0.02285814	68	4	59
195	3	b4b3	0.09382915	129	4	0
195	4	b4b3	1.03545213	3263	194	598
196	1	h8b8	0.01691985	64	0	58
196	2	h8b8	0.02895999	123	0	58
196	3	h8g8	1.04758501	3674	0	701
196	4	h8g8	1.45135117	7056	0	946
197	1	b3b4	0.00458908	3	0	2
197	2	b3b4	0.02395821	67	4	58
197	3	b3b4	0.09183002	127	4	0
197	4	b3b4	1.01154399	3214	211	517
198	1	g8b8	0.01902008	63	0	57
198	2	g8b8	0.02855396	121	0	58
198	3	g8h8	1.00762606	3600	0	539
198	4	g8h8	1.45992613	6867	0	912
199	1	b4b3	0.00473189	3	0	2
199	2	b4b3	0.02697706	68	4	59
199	3	b4b3	0.10405779	129	4	0
199	4	b4b3	1.01189303	3263	194	569
200	1	h8b8	0.01970196	64	0	58
200	2	h8b8	0.03210402	123	0	58
200	3	h8g8	1.01826596	3674	0	670
200	4	h8g8	1.3854301	7024	0	914
201	1	b3b4	0.00500703	3	0	2

201	2 b3b4	0.02273607	67	4	57
201	3 b3b4	0.090137	126	4	0
201	4 b3b4	1.08959413	3154	207	469
202	1 g8b8	0.01847696	63	0	56
202	2 g8b8	0.0279932	120	0	57
202	3 g8f8	0.92561293	3536	0	491
202	4 g8f8	1.27778888	6721	0	832
203	1 b4b3	0.00172806	3	0	2
203	2 b4b3	0.02153492	67	4	57
203	3 b4b3	0.09912896	126	4	0
203	4 b4b3	0.98206782	3181	195	569
204	1 f8b8	0.01422119	63	0	56
204	2 f8b8	0.0245111	120	0	57
204	3 f8h8	0.92933512	3589	0	670
204	4 f8h8	1.26758075	6889	0	908
205	1 b3b4	0.00466895	3	0	2
205	2 b3b4	0.02454615	68	4	59
205	3 b3b4	0.09575391	129	4	0
205	4 b3b4	1.02057981	3309	213	531
206	1 h8b8	0.02682686	64	0	58
206	2 h8b8	0.03052998	123	0	59
206	3 h8g8	1.01351786	3701	0	553
206	4 h8g8	1.41865611	7059	0	939
207	1 b4b3	0.0047338	3	0	2
207	2 b4b3	0.02286482	67	4	57
207	3 b4b3	0.09226418	126	4	0
207	4 b4b3	1.00817609	3169	191	573
208	1 g8b8	0.01749611	63	0	56
208	2 g8b8	0.02743793	120	0	57
208	3 g8h8	1.00737309	3573	0	674
208	4 g8h8	1.44424176	6855	0	902
209	1 b3b4	0.00499129	3	0	2
209	2 b3b4	0.02576804	68	4	59
209	3 b3b4	0.10602808	129	4	0
209	4 b3b4	1.05477977	3309	213	531
210	1 h8b8	0.01944494	64	0	58
210	2 h8b8	0.03177071	123	0	59
210	3 h8g8	1.02786112	3701	0	553
210	4 h8g8	1.450881	7059	0	939
211	1 b4b3	0.005126	3	0	2
211	2 b4b3	0.02546215	67	4	57
211	3 b4b3	0.10053587	126	4	0
211	4 b4b3	1.0340898	3169	191	573
212	1 g8b8	0.01713514	63	0	56
212	2 g8b8	0.02802992	120	0	57

212	3 g8h8	1.00123501	3573	0	674
212	4 g8h8	1.37179112	6855	0	902
213	1 b3b4	0.00521779	3	0	2
213	2 b3b4	0.02599072	68	4	59
213	3 b3b4	0.09770966	129	4	0
213	4 b3b4	1.02951813	3309	213	531
214	1 h8b8	0.01978803	64	0	58
214	2 h8b8	0.03030181	123	0	59
214	3 h8g8	1.04138303	3701	0	553
214	4 h8g8	1.4799881	7059	0	939
215	1 b4b3	0.00552583	3	0	2
215	2 b4b3	0.02728319	67	4	57
215	3 b4b3	0.10039783	126	4	0
215	4 b4b3	1.04857588	3169	191	573
216	1 g8b8	0.0193162	63	0	56
216	2 g8b8	0.0290339	120	0	57
216	3 g8h8	1.00134301	3573	0	674
216	4 g8h8	1.45844102	6855	0	902
217	1 b3b4	0.00507188	3	0	2
217	2 b3b4	0.0260551	68	4	59
217	3 b3b4	0.09900379	129	4	0
217	4 b3b4	1.02465081	3309	213	506
218	1 h8b8	0.02022696	64	0	58
218	2 h8b8	0.03061008	123	0	59
218	3 h8g8	1.02870417	3701	0	528
218	4 h8g8	1.44429278	7033	0	895
219	1 b4b3	0.00567675	3	0	2
219	2 b4b3	0.02427411	67	4	56
219	3 b4b3	0.10703993	125	4	0
219	4 b4b3	0.97205997	3109	187	517
220	1 g8b8	0.01732993	63	0	55
220	2 g8b8	0.02722406	119	0	56
220	3 g8f8	0.95884705	3509	0	614
220	4 g8f8	1.30403996	6703	0	834
221	1 b3b4	0.00148129	3	0	2
221	2 b3b4	0.01717901	67	4	56
221	3 b3b4	0.08246017	125	4	0
221	4 b3b4	1.00550199	3106	206	462
222	1 f8b8	0.01368189	63	0	55
222	2 f8b8	0.0202949	119	0	56
222	3 f8e8	0.94054103	3487	0	484
222	4 f8e8	1.42557597	6646	0	830
223	1 b4b3	0.00145888	3	0	2
223	2 b4b3	0.02019405	68	4	57
223	3 b4b3	0.09169817	127	4	0

223	4 b4b3	0.98919821	3198	191	564
224	1 e8b8	0.01566601	64	0	56
224	2 e8b8	0.0268271	121	0	57
224	3 e8f8	0.94501615	3606	0	665
224	4 e8f8	1.33221006	6919	0	903
225	1 b3b4	0.00556612	3	0	2
225	2 b3b4	0.02135396	67	4	56
225	3 b3b4	0.08708	125	4	0
225	4 b3b4	0.96395421	3106	206	462
226	1 f8b8	0.01513195	63	0	55
226	2 f8b8	0.02253103	119	0	56
226	3 f8e8	0.93341804	3487	0	484
226	4 f8e8	1.3371141	6646	0	830
227	1 b4b3	0.00153399	3	0	2
227	2 b4b3	0.02115297	68	4	57
227	3 b4b3	0.0922811	127	4	0
227	4 b4b3	0.9627111	3198	191	564
228	1 e8b8	0.01605678	64	0	56
228	2 e8b8	0.02776003	121	0	57
228	3 e8f8	0.93902683	3606	0	665
228	4 e8f8	1.35078192	6919	0	903
229	1 b3b4	0.0060401	3	0	2
229	2 b3b4	0.02576113	67	4	56
229	3 b3b4	0.09241891	125	4	0
229	4 b3b4	1.00240588	3106	206	440
230	1 f8b8	0.01628995	63	0	55
230	2 f8b8	0.02494526	119	0	56
230	3 f8e8	0.95057821	3487	0	462
230	4 f8e8	1.26172805	6623	0	789
231	1 b4b3	0.00160098	3	0	2
231	2 b4b3	0.0193572	68	4	56
231	3 b4b3	0.08921719	126	4	0
231	4 b4b3	1.07231998	3139	187	538
232	1 e8b8	0.01553726	64	0	55
232	2 e8b8	0.02396989	120	0	56
232	3 e8d8	1.03748226	3543	0	637
232	4 e8d8	1.5014441	6801	0	868
233	1 b3b4	0.00215602	3	0	2
233	2 b3b4	0.02405572	68	4	58
233	3 b3b4	0.10397911	128	4	0
233	4 b3b4	0.99393606	3242	211	504
234	1 d8b8	0.01773906	64	0	57
234	2 d8b8	0.02909803	122	0	58
234	3 d8f8	0.96219397	3632	0	526
234	4 d8f8	1.33561397	6920	0	900

235	1 b4b3	0.00610495	3	0	2
235	2 b4b3	0.02803206	67	4	56
235	3 b4b3	0.103333	125	4	0
235	4 b4b3	0.58673573	3121	191	24
236	1 f8b8	0.02039385	63	0	55
236	2 f8b8	0.03156996	119	0	56
236	3 f8e8	0.49475312	3525	0	24
236	4 f8e8	0.60373569	4481	0	37
237	1 b3b4	0.0060339	3	0	2
237	2 b3b4	0.0158658	68	4	12
237	3 b3b4	0.03241181	81	4	0
237	4 b3b4	0.15502	495	32	18
238	1 e8b8	0.00853801	64	0	7
238	2 e8b8	0.00909901	71	0	7
238	3 e8b8	0.12924194	510	0	18
238	4 e8b8	0.17841816	913	0	18