

Index	name	GT premutation	upper bound	lower bound
1	bur26a.mat'	26x26 double	5426670	5426670
2	bur26b.mat'	26x26 double	3817852	3817852
3	bur26c.mat'	26x26 double	5426795	5426795
4	bur26d.mat'	26x26 double	3821225	3821225
5	bur26e.mat'	26x26 double	5386879	5386879
6	bur26f.mat'	26x26 double	3782044	3782044
7	bur26g.mat'	26x26 double	10117172	10117172
8	bur26h.mat'	26x26 double	7098658	7098658
9	chr12a.mat'	12x12 double	9552	9552
10	chr12b.mat'	12x12 double	9742	9742
11	chr12c.mat'	12x12 double	11156	11156
12	chr15a.mat'	15x15 double	9896	9896
13	chr15b.mat'	15x15 double	7990	7990
14	chr15c.mat'	15x15 double	9504	9504
15	chr18a.mat'	18x18 double	11098	11098
16	chr18b.mat'	18x18 double	1534	1534
17	chr20a.mat'	20x20 double	2192	2192
18	chr20b.mat'	20x20 double	2298	2298
19	chr20c.mat'	20x20 double	14142	14142
20	chr22a.mat'	22x22 double	6156	6156
21	chr22b.mat'	22x22 double	6194	6194
22	chr25a.mat'	25x25 double	3796	3796
23	els19.mat'	19x19 double	17212548	17212548
24	esc128.mat'	128x128 double	64	64
25	esc16a.mat'	16x16 double	68	68
26	esc16c.mat'	16x16 double	160	160
27	esc16d.mat'	16x16 double	16	16
28	esc16e.mat'	16x16 double	28	28
29	esc16f.mat'	16x16 double	0	0
30	esc16g.mat'	16x16 double	26	26
31	esc16h.mat'	16x16 double	996	996

32	esc16i.mat'	16x16 double	14	14
33	esc16j.mat'	16x16 double	8	8
34	esc32a.mat'	32x32 double	130	130
35	esc32b.mat'	32x32 double	168	168
36	esc32c.mat'	32x32 double	642	642
37	esc32d.mat'	32x32 double	200	200
38	esc32e.mat'	32x32 double	2	2
39	esc32g.mat'	32x32 double	6	6
40	esc64a.mat'	64x64 double	116	116
41	had12.mat'	12x12 double	1652	1652
42	had14.mat'	14x14 double	2724	2724
43	had16.mat'	16x16 double	3720	3720
44	had18.mat'	18x18 double	5358	5358
45	had20.mat'	20x20 double	6922	6922
46	kra30a.mat'	30x30 double	88900	88900
47	kra30b.mat'	30x30 double	91420	91420
48	lipa20a.mat'	20x20 double	3683	3683
49	lipa20b.mat'	20x20 double	27076	27076
50	lipa30a.mat'	30x30 double	13178	13178
51	lipa30b.mat'	30x30 double	151426	151426
52	lipa40a.mat'	40x40 double	31538	31538
53	lipa40b.mat'	40x40 double	476581	476581
54	lipa50a.mat'	50x50 double	62093	62093
55	lipa50b.mat'	50x50 double	1210244	1210244
56	lipa60a.mat'	60x60 double	107218	107218
57	lipa60b.mat'	60x60 double	2520135	2520135
58	lipa70a.mat'	70x70 double	169755	169755
59	lipa70b.mat'	70x70 double	4603200	4603200
60	lipa80a.mat'	80x80 double	253195	253195
61	lipa80b.mat'	80x80 double	7763962	7763962
62	lipa90a.mat'	90x90 double	360630	360630

63	lipa90b.mat'	90x90 double	12490441	12490441
64	nug12.mat'	12x12 double	578	578
65	nug15.mat'	15x15 double	1150	1150
66	nug16b.mat'	16x16 double	1240	1240
67	nug17.mat'	17x17 double	1732	1732
68	nug18.mat'	18x18 double	1930	1930
69	nug20.mat'	20x20 double	2570	2570
70	nug21.mat'	21x21 double	2438	2438
71	nug22.mat'	22x22 double	3596	3596
72	nug24.mat'	24x24 double	3488	3488
73	nug25.mat'	25x25 double	3744	3744
74	nug27.mat'	27x27 double	5234	5234
75	nug28.mat'	28x28 double	5166	5166
76	nug30.mat'	30x30 double	6124	6124
77	rou12.mat'	12x12 double	235528	235528
78	rou15.mat'	15x15 double	354210	354210
79	rou20.mat'	20x20 double	725522	725522
80	scr12.mat'	12x12 double	31410	31410
81	scr15.mat'	15x15 double	51140	51140
82	scr20.mat'	20x20 double	110030	110030
83	sko100a.mat'	100x100 double	152002	143846
84	sko100b.mat'	100x100 double	153890	145522
85	sko100c.mat'	100x100 double	147862	139881
86	sko100d.mat'	100x100 double	149576	141289
87	sko100e.mat'	100x100 double	149150	140893
88	sko100f.mat'	100x100 double	149036	140691
89	sko42.mat'	42x42 double	15812	14934
90	sko49.mat'	49x49 double	23386	22004
91	sko56.mat'	56x56 double	34458	32610
92	sko64.mat'	64x64 double	48498	45736
93	sko72.mat'	72x72 double	66256	62691

94	sko81.mat'	81x81 double	90998	86072
95	sko90.mat'	90x90 double	115534	109030
96	ste36a.mat'	36x36 double	9526	9526
97	ste36b.mat'	36x36 double	15852	15852
98	ste36c.mat'	36x36 double	8239110	8239110
99	tai100b.mat'	100x100 double	1185996137	1058131796
100	tai12a.mat'	12x12 double	224416	224416
101	tai12b.mat'	12x12 double	39464925	39464925
102	tai150b.mat'	150x150 double	498896643	441786736
103	tai15a.mat'	15x15 double	388214	388214
104	tai15b.mat'	15x15 double	51765268	51765268
105	tai17a.mat'	17x17 double	491812	491812
106	tai20a.mat'	20x20 double	703482	703482
107	tai20b.mat'	20x20 double	122455319	122455319
108	tai25a.mat'	25x25 double	1167256	1167256
109	tai25b.mat'	25x25 double	344355646	344355646
110	tai30a.mat'	30x30 double	1818146	1706855
111	tai30b.mat'	30x30 double	637117113	637117113
112	tai35a.mat'	35x35 double	2422002	2216627
113	tai35b.mat'	35x35 double	283315445	242172800
114	tai40a.mat'	40x40 double	3139370	2843274
115	tai40b.mat'	40x40 double	637250948	564428353
116	tai50a.mat'	50x50 double	4938796	4390920
117	tai50b.mat'	50x50 double	458821517	395543467
118	tai60b.mat'	60x60 double	608215054	542376603
119	tai64c.mat'	64x64 double	1855928	1855928
120	tai80a.mat'	80x80 double	13499184	10501941
121	tai80b.mat'	80x80 double	818415043	717907288
122	tho150.mat'	150x150 double	8133398	7620628
123	tho30.mat'	30x30 double	149936	149936
124	tho40.mat'	40x40 double	240516	224414

125	wil100.mat'	100x100 double	273038	264442
126	wil50.mat'	50x50 double	48816	47098
127	esc16b.mat'	16x16 double	292	292
128	kra32.mat'	32x32 double	88700	88700
129	nug16a.mat'	16x16 double	1610	1610
130	tai100a.mat'	100x100 double	21052466	15844731
131	tai60a.mat'	60x60 double	7205962	5578356