

Association results and summary statistics for all 12 endophenotypes and 1,403 cleaned SNPs.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
2	1	HTR6	rs9064	19881467	48.16	0.25	0.335	A	0.35%	0.31	0.18%	0.5	0.09%	0.59	0.00%	0.98
3	1	GRIK3	rs517176	37067995	68.62	0.15	0.784	T	0.00%	0.92	0.16%	0.5	0.21%	0.4	0.03%	0.74
4	1	GRIK3	rs570743	37076603	68.62	0.15	0.394	G	0.00%	0.97	0.32%	0.3	0.11%	0.55	0.04%	0.71
5	1	GRIK3	rs3767045	37083256	68.63	0.11	1.000	G	0.07%	0.65	0.00%	1	0.00%	0.94	0.23%	0.37
6	1	GRIK3	rs904896	37093554	68.63	0.23	0.410	C	0.00%	0.94	0.11%	0.6	0.05%	0.68	0.00%	0.94
7	1	GRIK3	rs12067006	37097522	68.63	0.31	0.500	T	0.18%	0.45	0.04%	0.7	0.09%	0.58	0.46%	0.21
8	1	GRIK3	rs1392745	37106082	68.64	0.09	0.058	A	1.77%	0.031	0.06%	0.7	0.97%	0.057	0.44%	0.19
9	1	GRIK3	rs533337	37113564	68.64	0.12	0.734	G	1.46%	0.034	0.00%	0.9	0.10%	0.56	0.03%	0.74
10	1	GRIK3	rs1587526	37135063	68.66	0.16	0.011	G	1.22%	0.05	0.04%	0.7	0.06%	0.63	0.00%	1
11	1	GRIK3	rs1027599	37164007	68.68	0.16	0.097	T	1.50%	0.032	0.02%	0.8	0.00%	0.91	0.13%	0.49
12	1	GRIK3	rs1334804	37167831	68.68	0.19	0.649	T	0.94%	0.081	0.00%	1	0.20%	0.39	0.05%	0.66
13	1	GRIK3	rs7555221	37170848	68.68	0.17	0.804	T	0.87%	0.085	0.06%	0.7	0.09%	0.57	0.00%	0.94
14	1	GRIK3	rs7517274	37174588	68.68	0.29	0.080	A	0.08%	0.62	0.34%	0.4	0.81%	0.111	0.41%	0.25
15	1	GRIK3	rs1160752	37175999	68.68	0.40	1.000	C	0.02%	0.79	0.30%	0.4	1.24%	0.043	0.02%	0.81
16	1	GRIK3	rs3767078	37177505	68.68	0.01	1.000	T	0.23%	0.36	0.06%	0.7	0.17%	0.45	0.42%	0.24
17	1	GRIK3	rs3767087	37188856	68.69	0.07	0.605	A	1.06%	0.072	0.03%	0.8	0.30%	0.32	0.03%	0.75
18	1	GRIK3	rs3767088	37189748	68.69	0.25	0.127	C	0.01%	0.84	0.03%	0.8	0.54%	0.2	0.54%	0.18
19	1	GRIK3	rs535620	37192428	68.69	0.31	0.616	G	0.42%	0.28	0.13%	0.6	0.09%	0.6	0.75%	0.12
20	1	GRIK3	rs10489412	37206210	68.70	0.07	0.184	C	0.06%	0.65	0.03%	0.8	0.03%	0.74	0.59%	0.136
21	1	GRIK3	rs697923	37207734	68.71	0.27	0.147	T	0.02%	0.82	0.61%	0.2	0.07%	0.62	0.63%	0.125
22	1	GRIK3	rs575605	37210363	68.71	0.31	0.402	G	2.26%	0.0097	0.09%	0.6	0.15%	0.5	0.04%	0.73
23	1	GRIK3	rs12066663	37228066	68.76	0.02	0.055	A	0.02%	0.8	0.00%	0.9	0.58%	0.122	0.11%	0.54
24	1	GRIK3	rs12746787	37229889	68.76	0.02	1.000	G	0.14%	0.48	0.83%	0.08	0.24%	0.4	0.08%	0.61
25	1	SLC6A9	rs1362153	44241618	78.40	0.14	1.000	T	1.47%	0.042	0.05%	0.7	0.01%	0.83	0.07%	0.61
26	1	SLC6A9	rs6660227	44243365	78.40	0.02	1.000	G	0.05%	0.74	0.01%	0.8	0.02%	0.77	0.01%	0.89
27	1	SLC6A9	rs6670336	44243903	78.40	0.01	1.000	C	0.09%	0.62	0.01%	0.9	0.00%	0.96	0.01%	0.87
28	1	SLC6A9	rs2486000	44250594	78.40	0.18	1.000	G	0.52%	0.2	0.22%	0.4	0.51%	0.19	0.51%	0.18
29	1	SLC1A7	rs899974	53322775	83.41	0.08	1.000	T	0.06%	0.67	0.16%	0.5	0.09%	0.57	0.00%	0.91
30	1	SLC1A7	rs1288373	53351990	83.45	0.11	0.015	T	0.46%	0.22	0.00%	1	0.00%	0.94	0.01%	0.84
31	1	SLC1A7	rs1769299	53358311	83.46	0.46	0.461	T	0.01%	0.89	0.07%	0.7	0.00%	0.97	0.09%	0.59
32	1	SLC1A7	rs1769309	53363459	83.46	0.35	1.000	G	0.00%	0.95	0.51%	0.3	0.05%	0.7	0.27%	0.34
33	1	SLC1A7	rs3737989	53372666	83.48	0.16	0.054	A	0.04%	0.72	0.11%	0.6	0.05%	0.66	0.00%	0.96
34	1	SLC1A7	rs1288367	53378472	83.49	0.18	0.805	G	0.51%	0.2	0.20%	0.5	0.03%	0.74	0.08%	0.6

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
2	0.05%	0.7	0.11%	0.52	0.08%	0.6	0.45%	0.2	0.03%	0.77	1.41%	0.037	0.01%	0.9	0.30%	0.3
3	0.18%	0.4	0.00%	0.93	0.21%	0.4	0.21%	0.4	0.01%	0.84	0.04%	0.72	0.01%	0.8	0.18%	0.4
4	0.07%	0.6	0.02%	0.82	0.21%	0.4	0.13%	0.5	0.03%	0.77	0.48%	0.26	0.26%	0.4	0.42%	0.2
5	0.10%	0.6	0.06%	0.65	0.09%	0.6	0.09%	0.6	0.07%	0.64	0.69%	0.137	0.02%	0.8	0.10%	0.6
6	0.21%	0.4	0.01%	0.83	0.00%	1	0.30%	0.3	0.35%	0.29	0.06%	0.69	0.08%	0.6	0.36%	0.3
7	0.09%	0.6	0.12%	0.49	0.03%	0.8	0.05%	0.7	0.00%	0.94	0.57%	0.18	0.20%	0.4	0.06%	0.6
8	0.02%	0.8	0.00%	0.97	0.18%	0.4	0.19%	0.4	0.26%	0.33	0.05%	0.67	0.14%	0.5	0.26%	0.3
9	0.98%	0.05	0.09%	0.55	0.14%	0.5	0.26%	0.3	0.00%	0.91	0.60%	0.16	0.07%	0.6	0.00%	0.9
10	0.10%	0.5	0.11%	0.48	0.29%	0.2	0.56%	0.11	0.03%	0.75	0.18%	0.43	0.17%	0.4	0.05%	0.6
11	0.69%	0.1	0.00%	0.97	0.03%	0.7	0.25%	0.3	0.04%	0.7	0.20%	0.42	0.03%	0.7	0.05%	0.6
12	0.63%	0.11	0.06%	0.63	0.04%	0.7	0.01%	0.9	0.20%	0.39	0.19%	0.42	0.00%	1	0.00%	0.9
13	0.88%	0.06	0.07%	0.59	0.05%	0.7	0.01%	0.9	0.24%	0.35	0.37%	0.26	0.17%	0.4	0.00%	0.9
14	0.00%	1	0.65%	0.132	1.91%	0.013	0.44%	0.2	0.06%	0.67	0.00%	0.99	0.05%	0.7	0.74%	0.13
15	0.03%	0.7	0.05%	0.67	0.06%	0.6	0.05%	0.7	0.37%	0.27	0.89%	0.097	0.09%	0.6	0.01%	0.9
16	0.09%	0.6	0.93%	0.071	0.06%	0.7	0.17%	0.4	0.27%	0.35	0.77%	0.127	0.01%	0.9	0.19%	0.4
17	0.29%	0.3	0.02%	0.79	0.11%	0.5	1.24%	0.04	0.42%	0.27	0.06%	0.68	1.65%	0.03	0.13%	0.5
18	0.55%	0.2	0.20%	0.4	0.04%	0.7	0.01%	0.8	0.83%	0.097	0.61%	0.17	0.10%	0.6	0.00%	1
19	0.06%	0.7	0.15%	0.47	0.00%	1	0.03%	0.8	0.77%	0.116	0.00%	0.95	0.89%	0.09	0.23%	0.4
20	0.05%	0.7	0.15%	0.44	0.23%	0.3	0.18%	0.4	1.78%	0.0079	0.11%	0.53	0.03%	0.7	1.97%	0.004
21	0.04%	0.7	0.07%	0.59	0.00%	0.9	0.92%	0.05	0.08%	0.58	0.02%	0.81	0.05%	0.7	2.06%	0.005
22	0.45%	0.2	0.22%	0.38	0.32%	0.3	0.01%	0.8	0.49%	0.2	0.11%	0.57	0.00%	1	0.48%	0.2
23	0.00%	0.9	0.01%	0.86	0.07%	0.6	0.00%	1	0.01%	0.85	0.11%	0.52	0.02%	0.8	0.01%	0.8
24	0.04%	0.7	0.19%	0.41	0.01%	0.8	1.01%	0.06	0.24%	0.37	0.69%	0.16	0.82%	0.11	0.00%	1
25	0.01%	0.9	0.01%	0.88	0.48%	0.2	0.08%	0.6	0.00%	0.93	0.11%	0.55	0.19%	0.4	0.03%	0.8
26	0.06%	0.6	0.18%	0.4	0.00%	0.9	0.08%	0.6	0.01%	0.82	0.05%	0.7	0.00%	1	0.03%	0.7
27	0.26%	0.3	0.19%	0.37	0.23%	0.4	0.08%	0.6	0.00%	0.98	0.08%	0.62	0.00%	0.9	0.01%	0.8
28	0.02%	0.8	0.04%	0.7	0.33%	0.3	0.01%	0.8	0.01%	0.83	0.01%	0.83	0.59%	0.2	0.03%	0.8
29	0.87%	0.07	0.43%	0.2	0.01%	0.9	0.14%	0.5	0.36%	0.27	0.57%	0.2	0.04%	0.7	0.01%	0.9
30	0.37%	0.2	0.46%	0.17	0.03%	0.7	0.04%	0.7	1.08%	0.044	0.35%	0.27	0.00%	1	0.04%	0.7
31	0.00%	1	0.00%	0.96	0.22%	0.4	0.39%	0.2	0.46%	0.22	0.00%	0.9	0.57%	0.2	0.12%	0.5
32	0.22%	0.4	0.14%	0.48	0.14%	0.5	0.22%	0.4	1.01%	0.075	0.01%	0.89	0.13%	0.5	0.04%	0.7
33	0.00%	0.9	0.01%	0.82	0.13%	0.5	0.90%	0.07	0.02%	0.8	0.27%	0.35	0.01%	0.9	0.01%	0.9
34	0.27%	0.3	0.65%	0.119	0.00%	0.9	0.26%	0.3	0.09%	0.58	0.36%	0.29	0.01%	0.9	0.83%	0.09

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
35	1	SLC1A7	rs2486634	53383440	83.49	0.37	0.087	C	0.00%	0.98	0.02%	0.8	0.50%	0.23	0.02%	0.79
36	1	SLC1A7	rs1679933	53384287	83.50	0.35	0.748	A	0.21%	0.42	0.04%	0.8	0.02%	0.79	0.00%	0.9
37	1	GPR88	rs2809823	100776350	133.35	0.49	0.885	G	0.85%	0.118	0.05%	0.7	0.76%	0.119	0.50%	0.2
38	1	SNAPAP	rs3795396	151902049	158.44	0.45	0.109	A	0.00%	0.97	0.91%	0.13	0.22%	0.42	2.83%	0.0025
39	1	CHRNA2	rs4845652	152804829	159.06	0.10	0.696	C	0.90%	0.12	0.68%	0.2	0.52%	0.2	0.06%	0.66
40	1	CHRNA2	rs3811450	152817656	159.08	0.05	0.083	C	0.76%	0.103	0.03%	0.8	0.26%	0.33	0.19%	0.4
41	1	NOS1AP	rs6660701	160307530	169.81	0.37	1.000	G	0.58%	0.19	0.94%	0.11	0.11%	0.54	0.05%	0.67
42	1	NOS1AP	rs1337063	160325402	169.81	0.05	0.346	G	0.74%	0.18	0.02%	0.8	0.04%	0.76	0.98%	0.074
43	1	NOS1AP	rs1415259	160351933	169.82	0.38	0.226	A	0.06%	0.66	0.26%	0.4	0.37%	0.26	0.06%	0.64
44	1	NOS1AP	rs7538490	160357954	169.82	0.29	1.000	C	0.17%	0.48	0.12%	0.6	0.56%	0.18	0.08%	0.59
45	1	NOS1AP	rs10458392	160358734	169.82	0.23	0.539	T	0.02%	0.8	0.49%	0.3	0.35%	0.29	0.13%	0.5
46	1	NOS1AP	rs1572495	160365925	169.82	0.14	1.000	C	0.02%	0.81	0.07%	0.7	0.11%	0.56	1.48%	0.025
47	1	NOS1AP	rs10494368	160369894	169.82	0.15	1.000	T	0.03%	0.76	0.02%	0.8	0.19%	0.44	1.75%	0.015
48	1	NOS1AP	rs4656355	160390421	169.82	0.41	0.136	G	0.31%	0.32	0.00%	0.9	0.01%	0.85	1.36%	0.031
49	1	NOS1AP	rs951121	160393068	169.82	0.19	1.000	G	0.54%	0.2	0.42%	0.3	0.42%	0.25	1.32%	0.038
50	1	NOS1AP	rs1538018	160397105	169.83	0.27	1.000	G	2.26%	0.0092	1.21%	0.09	0.78%	0.112	0.64%	0.146
51	1	NOS1AP	rs6427659	160408973	169.83	0.04	0.341	G	0.03%	0.73	0.00%	1	0.75%	0.115	0.00%	0.97
52	1	NOS1AP	rs7412698	160421843	169.83	0.40	0.053	C	0.20%	0.43	0.01%	0.9	0.07%	0.64	0.22%	0.38
53	1	NOS1AP	rs4657165	160427626	169.83	0.05	1.000	G	0.11%	0.57	0.01%	0.9	0.14%	0.52	0.01%	0.86
54	1	NOS1AP	rs1415263	160432667	169.83	0.40	0.548	C	0.31%	0.35	0.04%	0.8	0.35%	0.3	0.14%	0.5
55	1	NOS1AP	rs4531275	160453174	169.83	0.35	0.875	C	0.16%	0.48	0.00%	1	0.40%	0.23	0.07%	0.61
56	1	NOS1AP	rs6683968	160458036	169.84	0.37	0.536	G	0.16%	0.48	0.02%	0.8	0.35%	0.26	0.15%	0.46
57	1	NOS1AP	rs7548168	160465166	169.84	0.02	0.073	C	0.01%	0.9	0.09%	0.6	0.06%	0.67	0.09%	0.55
58	1	NOS1AP	rs8179404	160467744	169.84	0.20	1.000	T	0.81%	0.143	0.05%	0.7	0.17%	0.48	0.15%	0.48
59	1	NOS1AP	rs4657178	160477234	169.84	0.25	0.565	C	0.00%	0.94	0.01%	0.9	0.01%	0.87	1.18%	0.051
60	1	NOS1AP	rs4145621	160485312	169.87	0.49	1.000	C	0.02%	0.81	0.25%	0.4	0.08%	0.61	0.18%	0.43
61	1	NOS1AP	rs4584372	160502061	169.93	0.27	0.592	T	0.46%	0.27	0.06%	0.7	0.00%	0.95	0.52%	0.19
62	1	NOS1AP	rs7528328	160514403	169.98	0.18	1.000	T	0.20%	0.47	0.02%	0.9	0.06%	0.67	0.53%	0.18
63	1	NOS1AP	rs6677154	160521288	170.00	0.24	0.688	A	0.17%	0.48	0.13%	0.6	0.15%	0.49	0.03%	0.75
64	1	NOS1AP	rs2819328	160550681	170.11	0.06	0.506	G	0.66%	0.2	0.00%	0.9	0.53%	0.17	0.00%	0.94
65	1	NOS1AP	rs365522	160559210	170.15	0.35	1.000	G	0.00%	0.94	0.09%	0.6	0.23%	0.4	0.19%	0.43
66	1	NOS1AP	rs347300	160566447	170.17	0.38	0.361	A	0.19%	0.47	0.07%	0.7	0.10%	0.58	0.09%	0.6
67	1	NOS1AP	rs347311	160570531	170.19	0.28	0.281	G	0.15%	0.5	0.97%	0.11	0.05%	0.67	0.02%	0.81

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	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
35	0.05%	0.7	0.17%	0.45	0.12%	0.5	0.33%	0.3	0.79%	0.12	0.57%	0.2	0.06%	0.7	0.35%	0.3
36	0.39%	0.2	0.01%	0.85	0.00%	1	0.25%	0.3	0.01%	0.89	0.23%	0.41	0.18%	0.4	0.06%	0.7
37	0.38%	0.2	0.51%	0.18	0.08%	0.6	1.02%	0.06	0.05%	0.68	0.06%	0.67	0.25%	0.4	0.01%	0.8
38	0.03%	0.7	0.00%	0.91	0.00%	1	0.00%	0.9	1.02%	0.074	0.14%	0.52	0.30%	0.3	0.11%	0.5
39	0.77%	0.11	0.02%	0.78	0.20%	0.4	0.00%	1	0.00%	0.97	0.00%	0.9	0.01%	0.9	0.11%	0.5
40	0.00%	1	0.14%	0.46	0.51%	0.2	0.05%	0.7	0.56%	0.15	0.00%	0.96	0.10%	0.5	0.13%	0.5
41	0.34%	0.3	0.00%	0.99	0.05%	0.7	0.40%	0.2	0.12%	0.51	0.07%	0.64	1.17%	0.04	0.32%	0.3
42	0.47%	0.2	0.00%	0.91	0.08%	0.6	0.05%	0.7	0.37%	0.27	0.04%	0.72	0.52%	0.2	0.06%	0.7
43	0.50%	0.2	0.02%	0.78	0.00%	0.9	0.19%	0.4	0.07%	0.62	0.12%	0.53	1.21%	0.03	0.34%	0.3
44	0.15%	0.5	0.02%	0.8	0.02%	0.8	0.02%	0.8	0.29%	0.32	0.01%	0.86	0.40%	0.2	0.41%	0.2
45	0.00%	0.9	0.03%	0.75	0.14%	0.5	0.09%	0.6	0.90%	0.08	0.06%	0.67	0.60%	0.15	0.50%	0.2
46	0.32%	0.3	0.01%	0.86	0.18%	0.4	0.11%	0.5	0.24%	0.37	0.09%	0.58	0.02%	0.8	0.11%	0.5
47	0.28%	0.3	0.03%	0.75	0.18%	0.4	0.08%	0.6	0.11%	0.54	0.05%	0.68	0.06%	0.6	0.13%	0.5
48	0.77%	0.09	0.08%	0.58	0.03%	0.7	0.03%	0.7	0.08%	0.6	0.01%	0.87	0.51%	0.2	0.04%	0.7
49	0.96%	0.07	0.02%	0.78	0.07%	0.6	0.00%	0.9	0.01%	0.87	0.07%	0.66	0.00%	1	0.13%	0.5
50	0.03%	0.7	0.34%	0.27	0.91%	0.08	0.10%	0.6	0.08%	0.61	0.10%	0.58	0.00%	1	0.08%	0.6
51	0.11%	0.5	0.27%	0.29	0.00%	0.9	0.08%	0.5	0.70%	0.116	0.44%	0.25	0.24%	0.3	0.00%	0.9
52	0.61%	0.12	0.54%	0.148	0.07%	0.6	0.22%	0.3	0.05%	0.67	0.14%	0.49	0.44%	0.2	0.10%	0.5
53	0.04%	0.7	3.41%	0.00103	0.29%	0.3	0.01%	0.9	1.71%	0.025	0.00%	0.97	0.16%	0.5	0.14%	0.5
54	0.20%	0.4	0.50%	0.18	0.18%	0.4	0.14%	0.5	1.01%	0.071	0.87%	0.111	0.00%	0.9	0.11%	0.6
55	0.27%	0.3	0.00%	0.97	0.18%	0.4	0.16%	0.4	0.08%	0.6	0.46%	0.21	0.04%	0.7	0.26%	0.3
56	0.16%	0.4	0.01%	0.85	0.05%	0.7	0.06%	0.6	0.12%	0.51	0.55%	0.18	0.02%	0.8	0.13%	0.5
57	0.40%	0.2	0.09%	0.55	0.04%	0.7	0.03%	0.8	0.08%	0.56	0.06%	0.64	0.16%	0.5	0.77%	0.11
58	0.07%	0.6	0.24%	0.36	0.23%	0.3	0.25%	0.3	0.07%	0.64	0.06%	0.69	0.01%	0.8	0.12%	0.5
59	0.20%	0.4	0.64%	0.13	0.07%	0.6	0.03%	0.7	0.94%	0.081	1.62%	0.029	0.65%	0.14	0.60%	0.2
60	0.16%	0.4	0.39%	0.22	0.01%	0.9	0.03%	0.7	0.21%	0.4	0.01%	0.9	0.00%	1	0.06%	0.6
61	0.20%	0.4	0.00%	0.91	0.14%	0.5	0.06%	0.7	0.22%	0.4	0.00%	0.99	0.04%	0.7	0.05%	0.7
62	0.24%	0.4	0.02%	0.77	0.05%	0.7	0.25%	0.4	0.13%	0.52	0.04%	0.73	0.01%	0.8	0.06%	0.6
63	0.15%	0.5	0.01%	0.89	0.05%	0.7	0.33%	0.3	0.48%	0.2	0.67%	0.145	0.96%	0.07	0.23%	0.4
64	0.00%	1	0.42%	0.21	0.00%	0.9	0.14%	0.4	0.03%	0.73	0.13%	0.52	0.01%	0.8	0.16%	0.4
65	0.10%	0.5	0.84%	0.086	0.06%	0.6	0.13%	0.5	0.12%	0.54	0.01%	0.9	0.00%	0.9	1.51%	0.02
66	0.06%	0.6	0.27%	0.34	0.02%	0.8	0.37%	0.3	0.06%	0.66	0.06%	0.69	0.00%	0.9	1.69%	0.02
67	0.42%	0.2	0.00%	0.89	0.23%	0.4	0.00%	1	0.09%	0.59	0.02%	0.8	0.51%	0.2	0.00%	0.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
68	1	NOS1AP	rs347313	160570900	170.19	0.45	0.772	G	0.11%	0.55	0.57%	0.2	0.16%	0.46	0.00%	0.97
69	1	NOS1AP	rs10800465	160576937	170.21	0.26	1.000	T	0.24%	0.38	1.16%	0.08	0.00%	0.91	0.24%	0.36
70	1	NOS1AP	rs3751286	160580009	170.22	0.08	0.606	A	0.01%	0.87	0.04%	0.7	0.10%	0.55	0.04%	0.67
71	1	NOS1AP	rs347273	160584137	170.24	0.13	0.745	T	0.14%	0.52	0.18%	0.5	0.04%	0.71	0.08%	0.58
72	1	NOS1AP	rs386231	160592447	170.27	0.29	0.077	A	0.61%	0.17	0.06%	0.7	0.07%	0.62	0.14%	0.48
73	1	NOS1AP	rs6681981	160598245	170.29	0.36	0.757	A	0.01%	0.86	2.46%	0.011	0.50%	0.2	0.04%	0.73
74	1	NOS1AP	rs1810354	160602346	170.31	0.17	0.782	A	0.55%	0.2	1.20%	0.07	0.23%	0.39	0.25%	0.37
75	1	NOS1AP	rs164149	160605205	170.32	0.46	0.885	A	0.06%	0.69	0.31%	0.4	1.28%	0.046	0.35%	0.29
76	1	RGS4	rs2661319	161306401	172.04	0.46	0.380	G	0.46%	0.23	0.10%	0.6	0.02%	0.82	0.25%	0.35
77	1	RGS4	rs2842030	161307119	172.04	0.40	0.227	T	0.22%	0.42	0.26%	0.4	0.01%	0.88	0.55%	0.18
78	1	RGS4	rs2940251	161314142	172.05	0.35	0.265	C	0.50%	0.25	0.05%	0.7	0.11%	0.58	0.06%	0.68
79	1	ASPM	rs10801589	195342817	212.01	0.50	0.029	T	0.05%	0.7	0.16%	0.5	0.00%	0.98	0.11%	0.53
80	1	ASPM	rs7551108	195365691		0.00	1.000									
81	1	ASPM	rs877897	195370598	212.03	0.13	0.730	A	1.03%	0.081	0.16%	0.5	0.81%	0.099	0.00%	0.95
82	1	ASPM	rs4326657	195385567	212.04	0.01	1.000	A	0.84%	0.25	0.35%	0.3	0.02%	0.79	0.17%	0.47
83	1	DISC1	rs2082552	229834513	251.58	0.14	0.374	A	0.00%	0.93	0.00%	0.9	0.23%	0.37	0.51%	0.18
84	1	DISC1	rs12084975	229846734	251.59	0.08	1.000	A	0.03%	0.78	0.26%	0.4	0.15%	0.55	0.04%	0.75
85	1	DISC1	rs1361519	229865965		0.00	1.000									
86	1	DISC1	rs4366301	229872909	251.62	0.37	0.119	G	0.14%	0.5	0.07%	0.7	0.12%	0.52	0.23%	0.37
87	1	DISC1	rs6541281	229879757	251.63	0.49	0.114	C	0.25%	0.36	0.02%	0.8	0.00%	0.92	0.33%	0.28
88	1	DISC1	rs1417584	229885673	251.64	0.43	0.035	A	0.12%	0.54	0.11%	0.6	0.01%	0.83	0.30%	0.3
89	1	DISC1	rs3738401	229896918	251.65	0.30	0.723	G	0.06%	0.67	0.12%	0.6	0.21%	0.41	0.45%	0.22
90	1	DISC1	rs11122321	229902233	251.66	0.31	0.308	A	0.02%	0.79	0.12%	0.6	0.05%	0.68	0.33%	0.28
91	1	DISC1	rs1934909	229917902	251.68	0.15	1.000	G	0.06%	0.69	0.00%	0.9	0.27%	0.39	0.42%	0.24
92	1	DISC1	rs10495308	229946190	251.71	0.21	0.833	C	1.44%	0.04	0.81%	0.2	0.03%	0.76	0.01%	0.85
93	1	DISC1	rs2793092	229946963	251.72	0.28	0.856	T	0.31%	0.34	0.24%	0.4	0.12%	0.53	0.00%	0.9
94	1	DISC1	rs884158	229951395	251.72	0.01	1.000	A	0.01%	0.88	1.19%	0.08	0.08%	0.64	0.25%	0.35
95	1	DISC1	rs2793085	229966500	251.74	0.16	1.000	C	0.60%	0.18	0.12%	0.6	0.05%	0.69	0.21%	0.41
96	1	DISC1	rs3738402	229969633	251.74	0.04	0.251	C	0.30%	0.32	0.19%	0.5	1.85%	0.0072	0.22%	0.4
97	1	DISC1	rs2492367	229973212	251.75	0.13	0.323	C	0.08%	0.64	0.36%	0.3	0.05%	0.71	0.00%	0.96
98	1	DISC1	rs2812389	229977634	251.75	0.38	0.044	G	0.38%	0.32	0.16%	0.6	0.12%	0.56	0.21%	0.43
99	1	DISC1	rs10495310	229985399	251.76	0.13	0.382	A	0.29%	0.35	0.48%	0.2	0.97%	0.08	0.65%	0.138
100	1	DISC1	rs4658945	229985464	251.76	0.33	0.041	T	1.28%	0.039	0.00%	0.9	0.05%	0.67	0.12%	0.5

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
68	0.14%	0.5	0.52%	0.16	0.03%	0.8	0.02%	0.8	0.19%	0.41	0.10%	0.57	1.88%	0.01	0.03%	0.8
69	0.02%	0.8	0.98%	0.055	0.07%	0.6	0.27%	0.3	0.21%	0.4	0.13%	0.52	0.07%	0.6	0.73%	0.11
70	0.45%	0.2	0.76%	0.08	0.08%	0.6	0.69%	0.11	1.19%	0.043	0.26%	0.36	2.87%	0.0012	3.08%	0.0009
71	0.66%	0.11	0.59%	0.137	0.22%	0.4	0.21%	0.4	0.94%	0.073	0.29%	0.33	1.72%	0.013	1.54%	0.02
72	0.46%	0.2	0.24%	0.34	0.00%	1	0.01%	0.9	1.65%	0.0143	0.30%	0.32	0.00%	0.9	0.01%	0.8
73	0.03%	0.7	0.11%	0.53	0.00%	1	0.41%	0.2	0.08%	0.61	0.17%	0.48	0.26%	0.4	0.06%	0.7
74	0.24%	0.4	0.09%	0.57	0.10%	0.6	0.03%	0.7	2.10%	0.0093	0.35%	0.31	0.78%	0.11	0.17%	0.5
75	0.47%	0.2	0.01%	0.85	0.07%	0.6	0.45%	0.2	1.15%	0.053	0.05%	0.72	0.00%	0.9	0.35%	0.3
76	0.13%	0.5	0.28%	0.3	0.25%	0.3	0.11%	0.5	0.10%	0.55	0.19%	0.43	0.31%	0.3	0.40%	0.2
77	0.00%	0.9	0.28%	0.31	0.49%	0.2	0.19%	0.4	0.02%	0.79	0.25%	0.38	0.45%	0.2	0.66%	0.13
78	0.05%	0.7	0.75%	0.123	0.41%	0.3	0.18%	0.4	0.33%	0.32	0.00%	0.97	0.00%	1	0.01%	0.9
79	0.04%	0.7	0.06%	0.64	0.01%	0.9	0.05%	0.7	0.31%	0.29	0.16%	0.47	0.60%	0.14	0.20%	0.4
80																
81	0.81%	0.07	0.04%	0.72	0.05%	0.6	0.26%	0.3	0.14%	0.49	0.02%	0.78	2.05%	0.005	0.16%	0.4
82	0.29%	0.3	0.00%	1	0.41%	0.2	1.65%	0.01	0.11%	0.51	0.27%	0.34	0.28%	0.3	0.03%	0.7
83	0.00%	0.9	0.00%	0.98	0.87%	0.09	0.03%	0.7	0.82%	0.103	1.23%	0.054	0.24%	0.4	0.00%	0.9
84	0.14%	0.5	0.77%	0.115	0.00%	1	0.00%	0.9	0.01%	0.89	0.16%	0.53	0.01%	0.9	0.00%	1
85																
86	0.03%	0.7	0.52%	0.16	0.14%	0.5	0.23%	0.4	0.48%	0.2	0.00%	0.92	0.39%	0.2	0.07%	0.6
87	0.00%	0.9	0.36%	0.24	0.28%	0.3	0.05%	0.7	0.94%	0.072	0.01%	0.87	0.05%	0.7	0.00%	1
88	0.37%	0.2	0.57%	0.137	0.02%	0.8	0.50%	0.2	0.65%	0.138	0.02%	0.79	0.02%	0.8	0.00%	1
89	0.16%	0.4	0.49%	0.18	0.00%	1	0.00%	0.9	0.25%	0.37	0.45%	0.25	0.06%	0.7	0.07%	0.6
90	0.22%	0.4	0.59%	0.134	0.25%	0.3	0.05%	0.7	0.63%	0.146	0.08%	0.62	0.57%	0.2	0.02%	0.8
91	0.04%	0.7	0.02%	0.81	0.00%	1	0.18%	0.4	0.09%	0.6	0.01%	0.9	0.17%	0.5	0.00%	1
92	0.26%	0.3	0.39%	0.25	0.18%	0.4	0.49%	0.2	0.03%	0.77	0.10%	0.59	0.36%	0.3	0.95%	0.08
93	0.54%	0.2	0.11%	0.52	0.60%	0.2	0.19%	0.4	0.09%	0.59	0.10%	0.58	0.34%	0.3	0.40%	0.3
94	0.22%	0.3	0.10%	0.52	0.32%	0.3	0.83%	0.13	0.09%	0.62	0.48%	0.25	0.11%	0.6	0.00%	0.9
95	0.60%	0.14	0.47%	0.19	0.24%	0.4	0.01%	0.9	0.18%	0.45	0.05%	0.69	0.33%	0.3	0.28%	0.3
96	0.07%	0.6	0.09%	0.55	1.10%	0.03	0.20%	0.4	0.05%	0.67	0.48%	0.19	0.19%	0.4	0.04%	0.7
97	0.01%	0.8	0.05%	0.68	0.01%	0.9	0.22%	0.4	0.00%	0.93	0.28%	0.37	0.33%	0.3	0.02%	0.8
98	0.07%	0.6	0.82%	0.105	0.02%	0.8	0.12%	0.5	0.17%	0.48	0.00%	0.93	0.10%	0.6	0.03%	0.8
99	0.38%	0.2	1.17%	0.041	0.01%	0.8	0.01%	0.9	0.02%	0.83	0.04%	0.73	0.01%	0.8	0.00%	0.9
100	0.29%	0.3	1.15%	0.027	0.18%	0.4	0.02%	0.8	0.06%	0.63	0.00%	0.91	0.08%	0.6	0.17%	0.5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
101	1	DISC1	rs11590192	229989468	251.77	0.45	0.188	T	0.52%	0.23	0.00%	0.9	0.20%	0.44	0.10%	0.56
102	1	DISC1	rs1322783	229995698	251.78	0.16	1.000	C	0.12%	0.55	0.49%	0.3	0.18%	0.44	0.17%	0.45
103	1	DISC1	rs2255340	230002773	251.78	0.26	0.056	G	0.01%	0.88	0.02%	0.8	0.11%	0.56	0.10%	0.56
104	1	DISC1	rs967244	230015269	251.80	0.23	0.224	A	0.36%	0.29	1.18%	0.06	0.06%	0.65	0.00%	0.92
105	1	DISC1	rs1000731	230030114	251.81	0.20	1.000	G	0.36%	0.28	1.39%	0.06	0.12%	0.53	0.13%	0.5
106	1	DISC1	rs6667141	230031254	251.81	0.25	1.000	G	0.66%	0.15	0.21%	0.4	0.49%	0.2	0.12%	0.52
107	1	DISC1	rs7551537	230038840	251.81	0.37	1.000	C	0.04%	0.71	2.62%	0.008	0.01%	0.89	0.01%	0.88
108	1	DISC1	rs12731570	230048561	251.81	0.22	0.022	G	1.07%	0.078	0.10%	0.6	0.02%	0.79	0.00%	1
109	1	DISC1	rs12090070	230051472	251.81	0.11	0.142	G	0.01%	0.9	0.04%	0.7	0.07%	0.62	0.08%	0.61
110	1	DISC1	rs748583	230059461	251.81	0.36	0.040	T	0.11%	0.56	0.14%	0.5	0.63%	0.148	1.40%	0.027
111	1	DISC1	rs3081	230068955	251.82	0.04	0.312	G	1.06%	0.096	0.00%	1	2.16%	0.0076	1.74%	0.0129
112	1	DISC1	rs1015101	230074317	260.04	0.41	0.452	A	0.05%	0.7	0.50%	0.3	0.10%	0.57	0.92%	0.078
113	1	DISC1	rs7534369	230082857	260.04	0.41	0.232	T	0.00%	0.92	0.35%	0.3	0.76%	0.116	1.37%	0.032
114	1	DISC1	rs11122362	230086482	260.04	0.08	0.609	C	0.15%	0.51	0.09%	0.7	0.06%	0.68	0.09%	0.6
115	1	DISC1	rs1407599	230094534	260.04	0.35	1.000	C	0.23%	0.39	0.86%	0.13	0.07%	0.63	0.97%	0.065
116	1	DISC1	rs967433	230098438	260.64	0.41	0.183	T	0.01%	0.88	0.37%	0.3	0.24%	0.39	2.23%	0.0076
117	1	DISC1	rs11577215	230103529	260.64	0.08	0.625	C	0.00%	0.95	0.15%	0.5	0.11%	0.57	0.41%	0.24
118	1	DISC1	rs10864702	230117276	260.64	0.16	0.580	T	0.01%	0.87	0.01%	0.9	0.17%	0.47	0.14%	0.48
119	1	DISC1	rs2038636	230121872	260.64	0.44	0.660	T	0.45%	0.23	0.32%	0.3	0.01%	0.88	0.01%	0.88
120	1	DISC1	rs2356710	230133586	260.64	0.16	0.792	G	0.52%	0.21	0.06%	0.7	0.00%	0.98	0.04%	0.71
121	1	DISC1	rs821581	230143695	260.64	0.26	0.345	T	0.93%	0.095	0.15%	0.5	0.06%	0.67	0.11%	0.54
122	1	DISC1	rs821585	230154072	260.64	0.01	1.000	G	0.11%	0.55	0.22%	0.5	0.00%	0.97	0.44%	0.23
123	1	DISC1	rs2772122	230157116	260.64	0.27	0.856	A	0.62%	0.19	0.04%	0.8	0.19%	0.44	0.18%	0.45
124	1	DISC1	rs821597	230168887	260.64	0.37	0.874	C	0.11%	0.59	5.41%	0.0004	0.03%	0.75	0.05%	0.71
125	1	DISC1	rs12060283	230173702	260.64	0.06	0.439	G	0.20%	0.48	0.84%	0.2	0.32%	0.34	0.03%	0.78
126	1	DISC1	rs4658971	230174437	260.64	0.06	1.000	C	0.20%	0.47	0.84%	0.2	0.30%	0.35	0.02%	0.79
127	1	DISC1	rs821662	230187758	260.64	0.35	0.871	A	0.05%	0.72	3.57%	0.003	0.25%	0.38	0.16%	0.48
128	1	DISC1	rs843979	230197231	260.64	0.34	1.000	G	0.01%	0.85	3.38%	0.005	0.21%	0.43	0.03%	0.76
129	1	DISC1	rs821631	230214758	260.64	0.39	0.643	A	0.01%	0.84	0.30%	0.4	0.08%	0.62	0.06%	0.66
130	1	DISC1	rs821639	230216466	260.64	0.29	0.481	T	0.67%	0.17	0.06%	0.7	0.32%	0.34	0.01%	0.89
131	1	DISC1	rs3524	230225302	260.64	0.43	0.376	T	0.03%	0.75	0.61%	0.2	0.00%	0.97	0.09%	0.57
132	1	DISC1	rs1160491	230228516	260.64	0.36	0.433	A	0.01%	0.86	0.86%	0.13	0.01%	0.82	0.01%	0.84
133	1	DISC1	rs9726024	230235123	260.64	0.34	0.873	G	0.02%	0.82	0.00%	0.9	0.06%	0.66	0.04%	0.7

Association results and summary statistics for all 12 endophenotypes and 1,403 cleaned SNPs.

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
101	0.00%	1	0.01%	0.87	0.26%	0.4	0.05%	0.7	0.09%	0.6	0.03%	0.78	0.04%	0.7	0.01%	0.8
102	0.63%	0.13	0.06%	0.65	0.59%	0.14	0.00%	0.9	0.11%	0.53	0.01%	0.88	0.73%	0.11	0.00%	0.9
103	0.08%	0.6	0.25%	0.34	0.29%	0.3	0.03%	0.7	0.04%	0.7	0.08%	0.62	0.08%	0.6	0.04%	0.7
104	1.04%	0.05	0.44%	0.2	0.14%	0.5	0.34%	0.3	0.01%	0.83	0.12%	0.53	0.93%	0.07	0.08%	0.6
105	0.56%	0.2	0.25%	0.35	0.17%	0.4	0.08%	0.6	0.04%	0.72	0.04%	0.71	0.00%	1	0.00%	1
106	0.14%	0.5	0.00%	0.96	0.01%	0.9	0.25%	0.3	0.28%	0.32	0.01%	0.85	0.02%	0.8	0.01%	0.8
107	0.01%	0.8	0.52%	0.17	0.38%	0.2	0.00%	1	0.01%	0.83	0.42%	0.25	0.54%	0.2	0.10%	0.6
108	2.86%	0.002	0.01%	0.87	0.03%	0.8	0.73%	0.13	0.30%	0.34	0.01%	0.87	0.31%	0.3	0.57%	0.2
109	0.72%	0.1	0.02%	0.76	0.12%	0.5	0.77%	0.09	0.90%	0.074	0.00%	0.99	0.00%	1	0.05%	0.7
110	1.01%	0.05	0.01%	0.85	0.00%	1	0.05%	0.7	0.03%	0.76	0.38%	0.26	0.01%	0.8	0.25%	0.3
111	0.21%	0.4	0.06%	0.64	0.08%	0.6	0.04%	0.7	0.28%	0.33	1.18%	0.065	0.00%	0.9	0.18%	0.5
112	0.21%	0.4	0.09%	0.57	0.34%	0.3	1.39%	0.03	0.27%	0.34	0.83%	0.108	0.37%	0.3	0.65%	0.13
113	0.01%	0.8	0.72%	0.106	0.71%	0.11	0.52%	0.2	0.12%	0.53	0.40%	0.27	0.01%	0.8	0.09%	0.6
114	0.41%	0.2	0.32%	0.31	0.70%	0.1	0.12%	0.5	0.00%	0.94	0.05%	0.72	0.09%	0.6	0.40%	0.3
115	1.26%	0.03	0.01%	0.83	0.06%	0.7	0.06%	0.7	0.04%	0.69	1.53%	0.024	0.61%	0.14	0.32%	0.3
116	0.00%	0.9	0.08%	0.59	0.10%	0.6	1.02%	0.06	0.62%	0.16	1.14%	0.062	0.36%	0.3	1.58%	0.02
117	0.27%	0.3	0.09%	0.56	0.21%	0.4	0.04%	0.7	0.25%	0.38	0.39%	0.28	0.00%	1	0.17%	0.4
118	0.07%	0.6	0.10%	0.55	0.01%	0.8	0.39%	0.2	0.21%	0.4	0.00%	0.98	0.12%	0.5	0.01%	0.9
119	0.02%	0.8	0.17%	0.42	0.17%	0.4	0.53%	0.2	0.01%	0.89	0.98%	0.092	0.07%	0.6	0.33%	0.3
120	1.05%	0.05	0.02%	0.81	0.13%	0.5	0.19%	0.4	0.00%	0.97	0.10%	0.58	0.03%	0.8	0.01%	0.9
121	0.91%	0.08	0.26%	0.34	0.32%	0.3	0.28%	0.3	0.06%	0.67	0.42%	0.27	0.14%	0.5	0.07%	0.6
122	0.01%	0.9	0.54%	0.17	0.00%	1	0.27%	0.3	1.40%	0.038	1.83%	0.02	1.01%	0.08	0.00%	0.9
123	0.01%	0.8	0.06%	0.64	0.00%	0.9	0.30%	0.3	0.09%	0.59	0.49%	0.22	0.06%	0.7	1.00%	0.08
124	0.91%	0.08	0.44%	0.23	0.87%	0.09	1.28%	0.04	0.16%	0.48	1.22%	0.062	1.21%	0.05	1.00%	0.07
125	0.00%	1	0.02%	0.81	0.58%	0.2	1.02%	0.07	0.17%	0.47	0.00%	0.99	0.00%	0.9	0.06%	0.7
126	0.01%	0.8	0.02%	0.81	0.02%	0.8	0.30%	0.3	0.19%	0.46	0.01%	0.9	0.05%	0.7	0.36%	0.3
127	0.36%	0.3	0.13%	0.51	0.02%	0.8	0.13%	0.5	0.11%	0.56	0.53%	0.21	0.12%	0.5	0.51%	0.2
128	0.05%	0.7	0.29%	0.33	0.16%	0.5	0.38%	0.3	0.08%	0.62	0.47%	0.25	0.89%	0.11	0.00%	1
129	1.40%	0.02	0.00%	0.93	0.00%	0.9	0.00%	1	0.02%	0.81	0.05%	0.7	0.31%	0.3	0.06%	0.7
130	0.55%	0.2	0.12%	0.54	0.60%	0.14	0.71%	0.11	0.10%	0.59	0.32%	0.36	0.31%	0.3	0.03%	0.8
131	0.00%	1	0.03%	0.73	0.00%	1	0.76%	0.12	0.01%	0.88	0.47%	0.23	0.11%	0.6	0.17%	0.5
132	0.01%	0.9	0.33%	0.28	0.07%	0.6	0.02%	0.8	0.24%	0.38	0.02%	0.83	0.20%	0.4	0.10%	0.5
133	0.08%	0.6	0.02%	0.77	0.01%	0.8	0.06%	0.6	1.71%	0.016	0.01%	0.85	0.17%	0.4	0.00%	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
134	1	DISC1	rs11122396	230241891	260.64	0.03	1.000	A	0.23%	0.34	0.40%	0.3	0.02%	0.79	0.05%	0.69
135	1	DISC1	rs14111775	230243925	260.64	0.12	0.206	G	0.36%	0.27	0.30%	0.4	1.23%	0.038	0.00%	0.96
136	1	DISC1	rs9727641	230246966	260.64	0.31	0.499	C	0.72%	0.125	0.00%	0.9	0.56%	0.17	0.13%	0.51
137	2	CTNNA2	rs4852150	79591630	104.82	0.38	0.441	C	0.12%	0.54	0.11%	0.6	0.07%	0.64	0.19%	0.42
138	2	CTNNA2	rs10206130	79604099	104.84	0.34	0.630	T	0.07%	0.64	0.86%	0.12	0.16%	0.47	1.77%	0.0125
139	2	CTNNA2	rs6719738	79613746	104.85	0.28	1.000	C	0.19%	0.43	0.93%	0.1	0.01%	0.86	0.94%	0.068
140	2	CTNNA2	rs10520244	79614280	104.85	0.10	0.699	C	0.83%	0.126	0.52%	0.2	0.15%	0.49	0.25%	0.36
141	2	CTNNA2	rs1864551	79620045	104.87	0.18	0.145	G	0.03%	0.78	0.26%	0.4	0.55%	0.18	2.57%	0.0033
142	2	CTNNA2	rs6716273	79622239	104.87	0.49	0.662	G	0.37%	0.29	0.00%	1	0.14%	0.5	0.02%	0.79
143	2	CTNNA2	rs1367399	79627566	104.88	0.34	1.000	T	0.00%	0.91	0.03%	0.8	0.00%	0.98	1.99%	0.0115
144	2	CTNNA2	rs880813	79629799	104.89	0.38	1.000	A	0.10%	0.57	0.17%	0.5	0.20%	0.41	2.67%	0.0023
145	2	CTNNA2	rs2566540	79639901	104.91	0.29	0.486	T	0.12%	0.56	0.61%	0.2	0.14%	0.51	1.18%	0.05
146	2	CTNNA2	rs1971766	79644485	104.92	0.44	0.662	G	0.01%	0.87	0.27%	0.4	0.01%	0.85	2.26%	0.0068
147	2	CTNNA2	rs2566543	79651698	104.93	0.20	1.000	G	0.66%	0.17	0.02%	0.8	0.07%	0.63	0.56%	0.17
148	2	CTNNA2	rs1549761	79664592	104.96	0.26	1.000	T	0.69%	0.149	0.16%	0.5	0.34%	0.29	0.45%	0.21
149	2	CTNNA2	rs1430645	79666704	104.96	0.28	0.283	T	0.73%	0.131	0.01%	0.9	0.10%	0.57	0.67%	0.124
150	2	CTNNA2	rs1549765	79670651	104.97	0.20	1.000	C	0.62%	0.18	0.00%	1	0.11%	0.55	0.61%	0.15
151	2	CTNNA2	rs6750164	79676126	104.98	0.36	0.434	A	0.27%	0.38	0.01%	0.9	0.30%	0.33	1.08%	0.057
152	2	CTNNA2	rs2566552	79684589	105.00	0.23	0.154	A	0.58%	0.19	0.07%	0.7	0.00%	0.95	0.81%	0.1
153	2	CTNNA2	rs4852153	79713047	105.06	0.38	0.761	G	0.52%	0.23	0.37%	0.3	0.08%	0.62	0.40%	0.26
154	2	CTNNA2	rs13400937	79718431	105.08	0.36	0.274	T	0.42%	0.29	0.37%	0.3	0.15%	0.5	0.31%	0.32
155	2	CTNNA2	rs1430642	79721176	105.08	0.50	0.773	T	0.03%	0.76	1.58%	0.05	0.16%	0.48	0.39%	0.27
156	2	CTNNA2	rs3795994	79726512	105.09	0.36	0.877	C	0.01%	0.88	0.35%	0.4	0.00%	0.91	0.06%	0.65
157	2	CTNNA2	rs1511198	79737953	105.12	0.26	0.698	C	1.43%	0.052	0.38%	0.3	0.40%	0.29	0.16%	0.49
158	2	CTNNA2	rs2861854	79743608	105.13	0.45	0.245	T	1.04%	0.07	0.20%	0.5	0.11%	0.55	0.28%	0.32
159	2	CTNNA2	rs1567529	79745765		0.00	1.000									
160	2	CTNNA2	rs2861857	79759614	105.16	0.46	0.309	C	0.07%	0.64	2.05%	0.02	0.18%	0.46	0.12%	0.53
161	2	CTNNA2	rs4258819	79760823	105.17	0.32	0.132	G	0.02%	0.8	0.99%	0.11	0.05%	0.69	0.11%	0.54
162	2	CTNNA2	rs6729255	79771489	105.19	0.34	0.508	C	0.25%	0.37	0.66%	0.2	0.41%	0.24	0.03%	0.75
163	2	CTNNA2	rs6547259	79779235	105.20	0.22	1.000	G	0.28%	0.35	0.02%	0.8	0.74%	0.124	1.15%	0.058
164	2	CTNNA2	rs1397693	79788862	105.23	0.23	0.681	C	0.05%	0.69	0.01%	0.9	1.23%	0.048	0.00%	0.92
165	2	CTNNA2	rs11689331	79802429	105.25	0.20	1.000	G	0.05%	0.7	0.14%	0.5	0.32%	0.31	0.00%	0.9
166	2	CTNNA2	rs1397690	79805149	105.26	0.18	0.806	C	0.05%	0.71	0.09%	0.6	0.28%	0.35	0.04%	0.72

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
134	0.11%	0.5	0.00%	0.96	0.33%	0.3	0.15%	0.5	0.09%	0.6	0.04%	0.75	0.53%	0.2	0.08%	0.6
135	0.00%	0.9	0.12%	0.49	0.02%	0.8	0.01%	0.8	0.43%	0.21	0.00%	0.95	0.00%	1	0.01%	0.8
136	0.41%	0.2	0.10%	0.54	0.84%	0.08	0.04%	0.7	0.12%	0.53	0.07%	0.65	0.00%	0.9	0.02%	0.8
137	0.31%	0.3	0.87%	0.069	0.01%	0.9	0.06%	0.6	0.59%	0.15	0.03%	0.78	0.03%	0.7	0.00%	1
138	0.76%	0.09	0.14%	0.47	0.00%	1	0.00%	0.9	1.15%	0.052	1.02%	0.079	0.08%	0.6	0.02%	0.8
139	0.59%	0.13	0.30%	0.28	0.02%	0.8	0.01%	0.9	0.94%	0.071	0.65%	0.15	0.23%	0.4	0.27%	0.4
140	0.00%	1	0.01%	0.88	0.05%	0.7	0.21%	0.4	0.04%	0.74	0.54%	0.24	0.22%	0.4	0.02%	0.8
141	0.11%	0.5	0.09%	0.56	0.01%	0.8	0.22%	0.4	0.22%	0.39	0.91%	0.085	0.09%	0.6	0.02%	0.8
142	0.27%	0.3	0.20%	0.39	0.00%	1	0.01%	0.9	0.15%	0.48	0.03%	0.75	0.00%	0.9	0.02%	0.8
143	1.00%	0.06	0.15%	0.48	0.01%	0.8	0.00%	1	0.83%	0.109	0.18%	0.48	0.06%	0.7	0.06%	0.7
144	0.57%	0.14	0.06%	0.63	0.39%	0.2	0.00%	1	1.71%	0.015	0.23%	0.39	0.14%	0.5	0.05%	0.7
145	0.09%	0.6	0.28%	0.32	0.14%	0.5	0.03%	0.7	1.01%	0.078	0.20%	0.45	0.44%	0.2	0.17%	0.5
146	0.81%	0.09	0.28%	0.32	0.06%	0.7	0.06%	0.7	1.52%	0.031	0.50%	0.24	0.00%	1	0.18%	0.5
147	0.14%	0.5	0.12%	0.52	0.08%	0.6	0.18%	0.4	0.29%	0.35	0.02%	0.79	0.06%	0.7	0.41%	0.3
148	0.49%	0.2	0.03%	0.75	0.10%	0.5	0.11%	0.5	0.27%	0.34	0.10%	0.57	0.02%	0.8	0.88%	0.08
149	0.13%	0.5	0.10%	0.53	0.27%	0.3	0.04%	0.7	0.13%	0.51	0.00%	0.96	0.21%	0.4	0.57%	0.2
150	0.29%	0.3	0.17%	0.44	0.13%	0.5	0.24%	0.4	0.44%	0.24	0.07%	0.65	0.10%	0.6	0.52%	0.2
151	0.63%	0.13	0.14%	0.47	0.04%	0.7	0.13%	0.5	0.19%	0.44	0.04%	0.72	0.02%	0.8	0.49%	0.2
152	0.06%	0.7	0.10%	0.55	0.05%	0.7	0.19%	0.4	0.18%	0.46	0.01%	0.87	0.06%	0.7	0.51%	0.2
153	0.07%	0.6	0.01%	0.83	0.36%	0.3	0.01%	0.8	0.12%	0.54	0.30%	0.35	0.10%	0.6	0.05%	0.7
154	0.22%	0.4	0.30%	0.31	0.04%	0.7	0.05%	0.7	0.05%	0.69	0.21%	0.43	0.08%	0.6	0.35%	0.3
155	0.01%	0.9	0.18%	0.44	0.16%	0.5	0.21%	0.4	0.18%	0.45	0.05%	0.71	0.83%	0.1	0.91%	0.09
156	0.00%	1	0.24%	0.35	0.08%	0.6	0.10%	0.6	0.03%	0.75	0.23%	0.4	1.56%	0.02	0.37%	0.3
157	0.20%	0.4	0.04%	0.71	0.12%	0.5	0.03%	0.8	0.00%	0.93	0.03%	0.76	0.11%	0.6	0.18%	0.5
158	0.13%	0.5	0.48%	0.18	0.02%	0.8	0.49%	0.2	0.03%	0.73	0.66%	0.15	1.31%	0.03	0.00%	1
159																
160	0.00%	0.9	0.00%	0.92	0.12%	0.5	0.41%	0.2	0.04%	0.72	1.14%	0.066	0.12%	0.5	0.15%	0.5
161	0.01%	0.9	0.06%	0.64	0.41%	0.2	0.22%	0.4	0.33%	0.29	0.41%	0.26	0.03%	0.8	0.35%	0.3
162	0.26%	0.3	0.75%	0.094	2.01%	0.008	0.08%	0.6	0.57%	0.17	0.28%	0.36	1.36%	0.03	1.23%	0.04
163	0.74%	0.11	0.94%	0.069	0.72%	0.12	0.14%	0.5	0.00%	0.95	0.45%	0.25	0.17%	0.5	0.76%	0.11
164	0.16%	0.5	0.06%	0.65	0.07%	0.6	0.01%	0.8	0.01%	0.88	0.19%	0.45	0.08%	0.6	0.58%	0.2
165	0.61%	0.14	0.23%	0.36	0.00%	1	0.06%	0.6	0.06%	0.65	1.06%	0.069	0.59%	0.2	0.09%	0.6
166	0.37%	0.3	0.40%	0.25	0.05%	0.7	0.11%	0.5	0.11%	0.56	1.01%	0.084	0.43%	0.2	0.03%	0.7

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
167	2	CTNNA2	rs4852514	79807254	105.26	0.04	0.189	T	0.91%	0.082	0.03%	0.8	0.57%	0.2	0.78%	0.089
168	2	CTNNA2	rs7565439	79816822	105.28	0.25	0.849	G	0.06%	0.67	0.09%	0.6	0.07%	0.62	0.08%	0.62
169	2	CTNNA2	rs11681484	79821666	105.30	0.42	0.234	G	0.21%	0.45	0.54%	0.2	0.43%	0.26	0.02%	0.8
170	2	CTNNA2	rs925404	79836197	105.33	0.38	0.218	T	0.31%	0.34	0.00%	1	0.00%	0.95	0.09%	0.58
171	2	CTNNA2	rs971476	79842175	105.34	0.15	0.772	T	0.67%	0.16	0.15%	0.5	0.60%	0.18	0.19%	0.43
172	2	CTNNA2	rs12713991	79844837	105.34	0.42	0.184	G	0.03%	0.76	0.17%	0.5	0.27%	0.35	0.72%	0.123
173	2	CTNNA2	rs1397696	79850281	105.36	0.35	0.157	G	0.23%	0.39	0.01%	0.9	0.91%	0.075	0.26%	0.32
174	2	CTNNA2	rs1159457	79855782	105.37	0.06	1.000	A	0.13%	0.53	0.00%	0.9	0.76%	0.126	0.19%	0.42
175	2	CTNNA2	rs10496232	79857271	105.37	0.08	0.317	G	0.09%	0.59	0.03%	0.8	0.15%	0.47	0.06%	0.63
176	2	CTNNA2	rs2102547	79893363	105.45	0.45	0.468	G	0.23%	0.39	0.29%	0.4	0.43%	0.23	0.61%	0.143
177	2	CTNNA2	rs1001112	79894431	105.45	0.48	0.147	C	0.39%	0.28	0.00%	1	0.07%	0.64	0.48%	0.21
178	2	CTNNA2	rs6734305	79908334	105.48	0.45	0.380	C	0.04%	0.72	0.03%	0.8	0.00%	0.99	0.02%	0.8
179	2	CTNNA2	rs2203051	79913587	105.49	0.38	0.163	G	0.05%	0.7	0.00%	1	0.06%	0.66	0.00%	0.96
180	2	CTNNA2	rs2974154	79935364	105.54	0.18	0.217	A	0.25%	0.39	0.10%	0.6	0.28%	0.34	1.08%	0.054
181	2	CTNNA2	rs10496233	79935726	105.54	0.26	0.718	T	0.33%	0.31	0.00%	0.9	0.31%	0.32	0.22%	0.39
182	2	CTNNA2	rs13430537	79963829	105.60	0.29	0.286	A	0.23%	0.41	0.00%	1	0.20%	0.43	0.23%	0.38
183	2	CTNNA2	rs13414270	79968069	105.61	0.34	0.072	T	0.53%	0.2	0.00%	0.9	0.01%	0.84	0.01%	0.83
184	2	CTNNA2	rs989743	79970788	105.61	0.20	0.260	C	0.02%	0.79	0.31%	0.4	0.07%	0.64	0.11%	0.54
185	2	CTNNA2	rs13034462	79973002	105.62	0.04	0.247	T	0.00%	1	0.00%	0.9	0.01%	0.88	1.12%	0.068
186	2	CTNNA2	rs10496234	79973743	105.62	0.50	0.663	T	0.20%	0.45	0.05%	0.7	0.02%	0.81	0.05%	0.69
187	2	CTNNA2	rs2974173	79975239	105.62	0.27	0.206	C	0.00%	0.93	0.01%	0.9	0.01%	0.86	0.00%	1
188	2	CTNNA2	rs974736	80019524	105.72	0.09	0.672	G	0.08%	0.65	0.74%	0.2	0.33%	0.34	0.10%	0.58
189	2	CTNNA2	rs540905	80066801	105.82	0.29	0.113	C	1.87%	0.015	0.04%	0.7	0.41%	0.25	0.71%	0.125
190	2	CTNNA2	rs482602	80081198	105.85	0.15	0.775	C	0.14%	0.53	0.10%	0.6	0.19%	0.45	0.01%	0.84
191	2	CTNNA2	rs1368909	80082251	105.85	0.42	0.375	T	0.01%	0.89	0.25%	0.4	0.33%	0.31	0.13%	0.52
192	2	CTNNA2	rs1434099	80082649	105.85	0.50	0.147	T	0.19%	0.45	0.00%	1	0.04%	0.71	0.12%	0.52
193	2	CTNNA2	rs417570	80086053	105.86	0.30	0.734	G	1.31%	0.057	0.22%	0.5	0.50%	0.21	0.38%	0.27
194	2	CTNNA2	rs450658	80089547	105.87	0.35	0.634	G	0.93%	0.105	0.02%	0.8	0.68%	0.148	0.41%	0.25
195	2	CTNNA2	rs427295	80092085	105.87	0.15	1.000	A	0.23%	0.41	0.17%	0.5	0.47%	0.22	0.01%	0.83
196	2	CTNNA2	rs921637	80112935	105.92	0.48	1.000	G	0.04%	0.72	0.40%	0.3	0.00%	0.94	0.00%	0.97
197	2	CTNNA2	rs6729700	80114681	105.92	0.50	0.563	C	0.01%	0.9	0.80%	0.2	0.09%	0.6	0.00%	0.93
198	2	CTNNA2	rs1812391	80132155	105.96	0.25	0.705	A	0.21%	0.44	0.49%	0.3	0.61%	0.17	0.19%	0.43
199	2	CTNNA2	rs9973600	80136766	105.97	0.41	0.548	G	0.09%	0.6	0.38%	0.3	0.05%	0.69	0.12%	0.52

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
167	0.16%	0.4	0.21%	0.36	0.88%	0.09	0.47%	0.2	1.27%	0.038	0.45%	0.25	0.19%	0.4	1.14%	0.05
168	0.08%	0.6	0.40%	0.24	0.37%	0.3	0.41%	0.2	0.01%	0.83	1.27%	0.045	0.65%	0.14	0.26%	0.3
169	0.10%	0.6	0.28%	0.35	0.21%	0.4	0.40%	0.3	0.00%	0.91	2.28%	0.0136	0.25%	0.4	0.07%	0.6
170	0.01%	0.9	0.13%	0.5	0.00%	1	0.18%	0.4	0.59%	0.17	0.05%	0.7	0.00%	0.9	0.12%	0.5
171	0.28%	0.3	0.88%	0.078	0.54%	0.2	0.78%	0.1	1.01%	0.074	1.29%	0.052	0.08%	0.6	0.05%	0.7
172	0.02%	0.8	0.01%	0.83	0.13%	0.5	0.12%	0.5	0.02%	0.8	0.67%	0.17	0.44%	0.2	0.23%	0.4
173	0.39%	0.2	0.05%	0.66	0.14%	0.5	0.89%	0.06	0.07%	0.61	1.15%	0.052	0.76%	0.09	0.08%	0.6
174	0.09%	0.6	0.02%	0.8	0.23%	0.4	0.15%	0.5	0.69%	0.121	0.14%	0.49	0.37%	0.3	0.01%	0.8
175	0.47%	0.2	0.11%	0.51	0.03%	0.7	0.32%	0.2	0.02%	0.8	1.06%	0.051	0.57%	0.13	0.12%	0.5
176	0.73%	0.1	0.13%	0.48	0.00%	0.9	0.57%	0.14	0.04%	0.69	1.03%	0.069	0.00%	0.9	0.03%	0.7
177	0.79%	0.09	0.06%	0.64	0.27%	0.3	0.50%	0.2	0.22%	0.4	0.27%	0.36	0.08%	0.6	0.01%	0.8
178	0.47%	0.2	0.30%	0.29	0.05%	0.7	0.02%	0.8	0.06%	0.67	0.09%	0.59	0.43%	0.2	0.20%	0.4
179	0.42%	0.2	0.01%	0.88	0.08%	0.6	0.01%	0.9	0.20%	0.42	0.01%	0.85	0.59%	0.2	0.48%	0.2
180	0.10%	0.5	0.34%	0.26	0.27%	0.3	1.14%	0.04	0.02%	0.79	1.75%	0.019	0.39%	0.2	0.15%	0.5
181	0.14%	0.5	0.18%	0.43	0.00%	1	0.00%	0.9	0.07%	0.64	0.33%	0.31	0.76%	0.11	0.96%	0.07
182	1.21%	0.04	0.13%	0.49	0.10%	0.6	0.15%	0.5	0.03%	0.76	0.44%	0.25	0.56%	0.2	0.12%	0.5
183	0.82%	0.09	0.09%	0.58	0.00%	1	0.13%	0.5	0.06%	0.67	0.16%	0.49	0.65%	0.14	0.10%	0.6
184	0.03%	0.8	0.18%	0.43	0.01%	0.9	0.17%	0.5	0.15%	0.5	0.02%	0.8	0.82%	0.1	0.00%	0.9
185	0.43%	0.2	0.00%	0.99	0.01%	0.9	0.24%	0.4	1.02%	0.082	0.25%	0.41	0.96%	0.08	0.85%	0.1
186	0.73%	0.11	0.14%	0.49	0.45%	0.2	0.09%	0.6	0.25%	0.36	0.10%	0.58	0.01%	0.9	0.18%	0.4
187	0.11%	0.5	0.36%	0.26	0.14%	0.5	0.19%	0.4	0.37%	0.26	0.00%	0.98	0.04%	0.7	0.00%	1
188	0.49%	0.2	0.23%	0.39	0.13%	0.5	0.07%	0.6	0.00%	0.91	0.48%	0.25	0.12%	0.5	1.13%	0.06
189	0.92%	0.07	0.06%	0.64	0.96%	0.06	0.27%	0.3	0.31%	0.31	0.20%	0.44	0.59%	0.2	0.47%	0.2
190	0.02%	0.8	0.04%	0.69	0.29%	0.3	0.26%	0.3	0.03%	0.76	0.04%	0.73	0.36%	0.3	0.15%	0.5
191	0.43%	0.2	0.15%	0.47	0.88%	0.09	0.10%	0.6	0.12%	0.54	0.23%	0.42	0.00%	0.9	0.19%	0.4
192	0.11%	0.5	0.06%	0.64	0.93%	0.07	0.01%	0.8	0.05%	0.69	0.44%	0.25	0.02%	0.8	0.04%	0.7
193	0.01%	0.9	0.01%	0.85	0.07%	0.6	0.03%	0.7	0.79%	0.107	0.03%	0.76	0.41%	0.2	0.02%	0.8
194	0.01%	0.8	0.15%	0.47	0.34%	0.3	0.00%	0.9	0.31%	0.32	0.01%	0.89	0.39%	0.3	0.01%	0.9
195	0.18%	0.4	0.33%	0.27	0.00%	0.9	0.16%	0.4	0.08%	0.61	0.00%	0.96	0.00%	1	0.03%	0.8
196	0.11%	0.5	0.01%	0.86	0.05%	0.7	0.27%	0.3	0.38%	0.26	0.26%	0.37	0.00%	1	0.00%	1
197	0.18%	0.4	0.00%	0.97	0.06%	0.6	0.08%	0.6	0.82%	0.104	0.19%	0.45	0.00%	0.9	0.02%	0.8
198	0.00%	1	0.15%	0.48	1.23%	0.04	0.07%	0.6	0.06%	0.66	0.19%	0.45	0.50%	0.2	0.03%	0.7
199	0.11%	0.5	0.00%	0.94	0.35%	0.3	0.01%	0.9	0.59%	0.16	0.03%	0.75	0.25%	0.4	0.18%	0.4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
200	2	CTNNA2	rs2121309	80139124	105.97	0.42	0.654	T	0.03%	0.75	0.26%	0.4	0.07%	0.62	0.19%	0.42
201	2	CTNNA2	rs7605424	80155080	106.01	0.37	0.033	A	1.92%	0.0148	0.02%	0.8	0.86%	0.087	2.35%	0.0043
202	2	CTNNA2	rs4852550	80159781	106.02	0.32	0.045	C	1.08%	0.061	0.17%	0.5	0.18%	0.43	0.38%	0.24
203	2	CTNNA2	rs716487	80164159	106.03	0.25	0.257	A	1.29%	0.045	0.08%	0.6	0.29%	0.32	1.72%	0.015
204	2	CTNNA2	rs2902109	80171196	106.04	0.20	0.389	G	0.81%	0.114	0.01%	0.9	0.02%	0.82	1.10%	0.059
205	2	CTNNA2	rs3849389	80212764	106.10	0.44	1.000	G	0.14%	0.52	0.11%	0.6	0.12%	0.54	0.73%	0.132
206	2	CTNNA2	rs2862019	80222952	106.10	0.44	0.884	G	0.02%	0.8	0.61%	0.2	0.12%	0.55	0.43%	0.25
207	2	CTNNA2	rs1867805	80224823	106.10	0.45	0.884	C	0.17%	0.5	0.00%	1	0.13%	0.54	0.58%	0.19
208	2	CTNNA2	rs7605086	80228591	106.10	0.36	0.638	G	0.67%	0.16	0.00%	0.9	0.02%	0.8	0.16%	0.49
209	2	CTNNA2	rs2078520	80246156		0.00	1.000									
210	2	CTNNA2	rs1443897	80266636	106.10	0.13	0.011	T	0.97%	0.094	0.29%	0.4	0.01%	0.84	0.38%	0.26
211	2	CTNNA2	rs894829	80266847	106.10	0.10	0.687	A	0.42%	0.26	0.00%	1	1.68%	0.022	0.00%	0.96
212	2	CTNNA2	rs980741	80277819	106.10	0.32	0.184	A	1.11%	0.065	0.29%	0.4	0.04%	0.71	0.07%	0.65
213	2	CTNNA2	rs1374118	80286561	106.10	0.37	0.030	C	0.86%	0.098	0.87%	0.2	0.00%	0.93	0.10%	0.56
214	2	CTNNA2	rs2597321	80321430	106.10	0.36	0.117	G	1.33%	0.045	0.11%	0.6	0.04%	0.71	0.05%	0.69
215	2	CTNNA2	rs310781	80323440	106.10	0.38	0.089	G	1.23%	0.054	0.36%	0.3	0.03%	0.75	0.01%	0.87
216	2	CTNNA2	rs160864	80331785	106.10	0.45	0.245	G	0.16%	0.5	0.06%	0.7	0.03%	0.76	0.41%	0.24
217	2	CTNNA2	rs318369	80342285	106.10	0.50	0.771	G	0.01%	0.86	0.06%	0.7	0.05%	0.7	0.43%	0.23
218	2	GAD1	rs3791878	171380437	182.78	0.30	0.863	C	0.20%	0.42	0.37%	0.3	0.27%	0.34	0.49%	0.2
219	2	GAD1	rs2241165	171386625	182.78	0.26	1.000	A	0.12%	0.58	0.10%	0.6	0.08%	0.64	0.00%	0.94
220	2	GAD1	rs3828275	171390986	182.78	0.41	0.882	G	0.11%	0.57	0.03%	0.8	0.10%	0.57	0.23%	0.37
221	2	GAD1	rs3791850	171416346	182.78	0.22	0.281	C	1.11%	0.072	0.00%	1	0.00%	1	0.64%	0.146
222	2	GAD1	rs769393	171417767	182.78	0.06	0.067	G	1.22%	0.044	0.26%	0.4	0.00%	0.99	1.20%	0.056
223	2	GAD1	rs7578661	171423379	182.78	0.28	1.000	C	0.09%	0.59	0.16%	0.5	0.01%	0.86	0.01%	0.85
224	2	GAD1	rs4297845	171427785	182.78	0.50	0.566	G	0.47%	0.24	0.61%	0.2	0.02%	0.8	0.42%	0.24
225	2	ERBB4	rs1836724	211953197	210.46	0.38	1.000	T	1.15%	0.068	0.02%	0.8	0.01%	0.84	0.14%	0.51
226	2	ERBB4	rs3791682	211957951	210.46	0.31	0.066	T	0.02%	0.81	0.00%	1	0.57%	0.17	0.00%	0.98
227	2	ERBB4	rs1816532	211976485	210.47	0.29	1.000	T	0.81%	0.117	0.63%	0.2	0.00%	0.93	0.79%	0.1
228	2	ERBB4	rs3791700	211983265	210.48	0.27	0.147	A	0.46%	0.24	0.13%	0.6	0.38%	0.26	0.01%	0.86
229	2	ERBB4	rs3791703	211992598	210.49	0.37	1.000	C	0.01%	0.84	0.16%	0.5	0.08%	0.61	0.26%	0.35
230	2	ERBB4	rs3791709	211995179	210.49	0.28	0.599	A	0.24%	0.39	1.20%	0.08	0.06%	0.65	0.26%	0.35
231	2	ERBB4	rs10497944	212002670	210.50	0.38	0.219	C	1.25%	0.047	0.03%	0.8	0.01%	0.89	0.13%	0.5
232	2	ERBB4	rs2033647	212010372	210.50	0.28	1.000	T	0.16%	0.47	0.11%	0.6	0.09%	0.58	0.07%	0.61

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
200	0.30%	0.3	0.02%	0.8	0.30%	0.3	0.05%	0.7	0.83%	0.096	0.13%	0.53	0.29%	0.3	0.14%	0.5
201	2.25%	0.004	0.36%	0.24	0.92%	0.07	0.42%	0.2	0.00%	0.93	2.67%	0.0043	0.65%	0.13	0.00%	1
202	0.53%	0.2	0.04%	0.68	0.04%	0.7	0.05%	0.7	0.53%	0.18	0.01%	0.87	0.05%	0.7	0.08%	0.6
203	1.62%	0.015	0.16%	0.43	0.93%	0.06	0.35%	0.3	0.00%	0.99	1.04%	0.072	0.02%	0.8	0.00%	0.9
204	1.87%	0.011	0.01%	0.86	0.35%	0.3	0.11%	0.5	0.13%	0.51	0.98%	0.09	0.00%	1	0.00%	1
205	0.70%	0.13	0.23%	0.38	1.28%	0.04	0.17%	0.4	0.00%	0.99	3.14%	0.0027	0.21%	0.4	0.01%	0.9
206	0.08%	0.6	0.18%	0.44	0.49%	0.2	0.28%	0.3	0.00%	0.9	2.42%	0.0084	0.74%	0.12	0.06%	0.7
207	0.86%	0.1	0.13%	0.52	1.22%	0.04	0.17%	0.4	0.00%	0.92	3.06%	0.0038	0.89%	0.09	0.07%	0.6
208	0.32%	0.3	0.19%	0.42	1.26%	0.05	0.22%	0.4	0.05%	0.71	1.12%	0.076	0.21%	0.4	0.21%	0.4
209																
210	0.07%	0.6	0.03%	0.75	0.65%	0.13	0.02%	0.8	0.00%	0.93	0.25%	0.4	0.32%	0.3	0.01%	0.9
211	0.12%	0.5	0.01%	0.84	0.24%	0.4	0.12%	0.5	0.03%	0.77	0.57%	0.19	0.04%	0.7	0.47%	0.2
212	0.05%	0.7	0.13%	0.49	1.45%	0.02	0.02%	0.8	0.01%	0.83	0.49%	0.23	0.47%	0.2	0.07%	0.6
213	0.17%	0.4	0.46%	0.2	1.59%	0.02	0.06%	0.7	0.04%	0.72	0.76%	0.126	0.58%	0.2	0.12%	0.5
214	0.03%	0.8	0.13%	0.51	1.10%	0.05	0.04%	0.7	0.06%	0.67	0.55%	0.21	0.12%	0.5	0.07%	0.6
215	0.80%	0.09	0.50%	0.18	1.11%	0.05	0.01%	0.8	0.02%	0.81	0.60%	0.18	0.71%	0.12	0.01%	0.9
216	0.76%	0.1	0.54%	0.16	0.32%	0.3	0.00%	0.9	0.05%	0.67	0.30%	0.34	0.75%	0.11	0.03%	0.8
217	0.10%	0.5	0.11%	0.52	0.60%	0.2	0.03%	0.7	0.01%	0.87	0.33%	0.32	0.21%	0.4	0.06%	0.6
218	0.51%	0.2	0.06%	0.65	0.39%	0.3	0.65%	0.14	0.44%	0.23	0.15%	0.5	0.56%	0.2	0.25%	0.4
219	0.18%	0.4	0.00%	0.92	0.05%	0.7	0.00%	1	0.27%	0.37	0.02%	0.81	0.05%	0.7	0.58%	0.2
220	0.53%	0.2	0.00%	0.98	0.20%	0.4	0.49%	0.2	0.11%	0.54	0.01%	0.88	0.08%	0.6	0.06%	0.7
221	0.05%	0.7	0.27%	0.33	1.05%	0.05	0.07%	0.6	0.91%	0.093	0.30%	0.36	0.01%	0.9	0.95%	0.08
222	0.07%	0.6	0.29%	0.3	0.42%	0.2	0.01%	0.8	0.21%	0.4	0.15%	0.49	0.10%	0.6	0.20%	0.4
223	0.07%	0.6	0.32%	0.27	0.03%	0.8	0.00%	0.9	0.17%	0.44	0.06%	0.65	0.00%	0.9	0.00%	1
224	0.14%	0.5	0.16%	0.46	0.17%	0.4	0.14%	0.5	0.60%	0.17	0.00%	0.95	0.05%	0.7	0.60%	0.2
225	0.01%	0.9	0.33%	0.29	0.28%	0.3	1.00%	0.07	0.12%	0.54	0.28%	0.38	0.05%	0.7	0.57%	0.2
226	0.20%	0.4	0.03%	0.75	0.02%	0.8	0.01%	0.8	0.25%	0.36	0.05%	0.69	0.16%	0.5	0.19%	0.4
227	0.14%	0.5	1.57%	0.017	0.12%	0.5	0.64%	0.14	0.51%	0.2	0.20%	0.44	0.01%	0.8	0.01%	0.9
228	0.04%	0.7	0.02%	0.77	0.23%	0.4	0.02%	0.8	0.14%	0.49	0.17%	0.47	0.14%	0.5	0.72%	0.12
229	0.01%	0.8	0.00%	0.96	0.84%	0.08	0.18%	0.4	0.94%	0.069	0.04%	0.71	0.41%	0.2	1.25%	0.03
230	0.00%	0.9	0.00%	0.94	0.71%	0.11	0.01%	0.8	0.33%	0.29	0.26%	0.36	0.02%	0.8	1.64%	0.02
231	0.90%	0.07	0.94%	0.062	1.18%	0.04	0.27%	0.3	0.01%	0.87	0.00%	0.92	0.00%	1	0.33%	0.3
232	0.02%	0.8	0.01%	0.81	0.34%	0.3	0.02%	0.8	0.36%	0.25	0.01%	0.88	0.01%	0.9	1.43%	0.02

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
233	2	ERBB4	rs1816531	212019978	210.51	0.36	1.000	T	0.91%	0.1	0.02%	0.8	0.14%	0.51	0.18%	0.43
234	2	ERBB4	rs2371271	212024933	210.52	0.50	0.469	T	0.65%	0.146	0.40%	0.3	0.12%	0.52	0.01%	0.83
235	2	ERBB4	rs1836749	212036235	210.56	0.31	1.000	C	0.11%	0.57	0.08%	0.6	0.10%	0.56	0.07%	0.63
236	2	ERBB4	rs4302167	212041668	210.58	0.21	0.523	T	1.18%	0.054	0.03%	0.8	0.00%	0.98	0.08%	0.59
237	2	ERBB4	rs4439896	212053703	210.62	0.23	0.677	A	0.81%	0.115	0.01%	0.8	0.08%	0.6	0.01%	0.83
238	2	ERBB4	rs4672614	212058333	210.63	0.22	0.665	A	1.05%	0.071	0.02%	0.8	0.13%	0.51	0.03%	0.75
239	2	ERBB4	rs4672615	212065237	210.66	0.29	0.860	C	0.64%	0.15	0.29%	0.4	0.01%	0.85	0.06%	0.66
240	2	ERBB4	rs4278873	212069319	210.67	0.19	0.237	A	0.04%	0.72	1.22%	0.06	0.85%	0.078	1.23%	0.033
241	2	ERBB4	rs4358067	212072729	210.68	0.34	0.422	G	0.44%	0.25	0.22%	0.5	0.02%	0.81	0.16%	0.47
242	2	ERBB4	rs10932379	212083593	210.72	0.43	0.557	A	0.23%	0.41	0.02%	0.8	0.00%	0.92	0.15%	0.49
243	2	ERBB4	rs6435632	212086769	210.73	0.30	0.729	G	0.00%	0.92	0.03%	0.8	0.00%	0.95	0.48%	0.23
244	2	ERBB4	rs10932380	212098595	210.77	0.34	0.072	A	0.21%	0.43	0.70%	0.2	0.08%	0.61	0.07%	0.63
245	2	ERBB4	rs1851183	212112767	210.81	0.30	0.286	T	0.46%	0.24	1.24%	0.07	0.24%	0.37	0.33%	0.29
246	2	ERBB4	rs953956	212121920	210.84	0.16	1.000	C	0.06%	0.67	0.00%	1	0.04%	0.73	0.05%	0.67
247	2	ERBB4	rs10497945	212126355	210.86	0.22	0.143	A	0.00%	0.95	0.35%	0.4	0.36%	0.26	0.18%	0.42
248	2	ERBB4	rs10497946	212126407	210.86	0.02	0.057	G	0.22%	0.59	0.18%	0.5	0.17%	0.54	0.34%	0.38
249	2	ERBB4	rs1879531	212147301	210.93	0.20	0.359	A	0.00%	0.97	0.27%	0.4	0.42%	0.23	0.80%	0.097
250	2	ERBB4	rs1818751	212162650	210.98	0.15	0.074	G	0.00%	0.92	0.01%	0.9	0.17%	0.44	0.04%	0.69
251	2	ERBB4	rs1972143	212170367	211.00	0.08	0.321	G	0.85%	0.098	0.30%	0.4	0.00%	0.92	0.06%	0.63
252	2	ERBB4	rs1851196	212178865	211.03	0.09	0.636	A	1.53%	0.031	0.84%	0.13	0.02%	0.79	0.00%	0.9
253	2	ERBB4	rs7601664	212201009	211.11	0.12	0.247	A	0.47%	0.24	0.85%	0.12	0.00%	0.93	0.00%	0.95
254	2	ERBB4	rs6435644	212213909	211.15	0.01	1.000	T	2.54%	0.034	0.00%	1	0.86%	0.119	0.81%	0.18
255	2	ERBB4	rs6435647	212215478	211.15	0.02	0.072	A	1.39%	0.121	0.07%	0.7	0.36%	0.27	0.00%	0.94
256	2	ERBB4	rs10932390	212220691	211.17	0.15	0.772	G	0.63%	0.19	0.21%	0.5	0.01%	0.88	0.69%	0.144
257	2	ERBB4	rs6708035	212224987		0.26	0.000									
258	2	ERBB4	rs6730119	212227273	211.19	0.44	0.381	G	0.11%	0.56	0.02%	0.8	0.13%	0.52	0.00%	0.93
259	2	ERBB4	rs6719645	212233218	211.21	0.18	1.000	C	0.83%	0.103	0.73%	0.2	0.00%	0.91	0.05%	0.68
260	2	ERBB4	rs6719664	212233284	211.21	0.11	0.436	T	0.00%	0.96	0.48%	0.2	0.93%	0.08	0.42%	0.24
261	2	ERBB4	rs6725181	212238711	211.23	0.14	0.497	C	0.27%	0.35	0.44%	0.3	0.41%	0.25	0.09%	0.58
262	2	ERBB4	rs1818750	212243604	211.25	0.02	1.000	T	0.15%	0.39	0.07%	0.7	0.19%	0.36	0.25%	0.27
263	2	ERBB4	rs10173674	212253778	211.28	0.42	0.655	T	0.09%	0.6	0.05%	0.7	0.08%	0.61	0.17%	0.44
264	2	ERBB4	rs1829615	212256022	211.29	0.46	1.000	A	0.05%	0.69	0.12%	0.6	0.20%	0.43	0.07%	0.64
265	2	ERBB4	rs2371276	212263330	211.31	0.46	0.885	A	0.06%	0.69	0.04%	0.8	0.01%	0.87	0.04%	0.72

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
233	1.99%	0.007	0.45%	0.2	0.04%	0.7	0.60%	0.15	0.24%	0.38	0.41%	0.28	0.05%	0.7	0.01%	0.9
234	0.82%	0.07	0.01%	0.83	0.03%	0.8	0.73%	0.1	0.01%	0.83	0.16%	0.48	0.12%	0.5	0.01%	0.8
235	0.76%	0.09	0.00%	0.91	0.43%	0.2	0.93%	0.06	0.70%	0.12	0.17%	0.47	0.16%	0.5	0.00%	1
236	0.26%	0.3	0.29%	0.28	0.60%	0.13	1.82%	0.008	1.15%	0.042	0.00%	0.94	0.16%	0.4	0.12%	0.5
237	0.93%	0.06	0.10%	0.54	0.06%	0.6	0.12%	0.5	0.24%	0.35	0.38%	0.27	0.31%	0.3	0.86%	0.08
238	0.80%	0.08	0.00%	0.96	0.01%	0.9	1.24%	0.03	0.76%	0.108	0.00%	0.96	0.24%	0.4	0.11%	0.5
239	0.79%	0.09	0.16%	0.45	0.05%	0.7	1.02%	0.05	0.86%	0.087	0.08%	0.61	0.62%	0.14	0.01%	0.8
240	0.66%	0.12	0.59%	0.132	0.03%	0.7	0.21%	0.4	0.57%	0.142	1.90%	0.0102	0.34%	0.3	0.37%	0.2
241	0.79%	0.1	0.15%	0.46	0.01%	0.9	1.24%	0.04	0.68%	0.135	1.20%	0.059	0.03%	0.8	0.13%	0.5
242	0.25%	0.4	0.39%	0.24	0.33%	0.3	0.81%	0.1	0.42%	0.25	0.22%	0.43	0.26%	0.4	0.06%	0.7
243	0.01%	0.9	0.20%	0.41	0.03%	0.7	0.17%	0.5	0.14%	0.51	0.67%	0.17	0.34%	0.3	0.58%	0.2
244	0.00%	1	0.05%	0.69	1.25%	0.04	0.02%	0.8	1.64%	0.022	0.01%	0.88	0.37%	0.3	0.28%	0.3
245	0.00%	0.9	0.00%	0.91	0.43%	0.2	0.00%	0.9	0.70%	0.129	0.12%	0.54	0.03%	0.7	0.08%	0.6
246	0.57%	0.2	0.00%	0.9	0.00%	1	0.29%	0.3	0.22%	0.39	0.31%	0.32	0.06%	0.7	0.07%	0.6
247	0.73%	0.1	0.03%	0.73	0.10%	0.5	0.07%	0.6	0.17%	0.43	0.03%	0.76	0.42%	0.3	0.25%	0.4
248	0.12%	0.6	0.02%	0.82	1.33%	0.04	0.22%	0.4	0.03%	0.79	0.13%	0.57	0.16%	0.4	0.50%	0.2
249	1.55%	0.02	0.48%	0.19	0.46%	0.2	0.48%	0.2	1.08%	0.05	0.77%	0.105	0.01%	0.8	0.50%	0.2
250	0.39%	0.2	0.00%	0.93	0.02%	0.8	0.02%	0.8	0.09%	0.58	0.13%	0.53	0.30%	0.3	0.02%	0.8
251	0.21%	0.4	0.00%	0.99	0.01%	0.8	0.06%	0.6	0.02%	0.77	0.01%	0.82	0.01%	0.9	0.01%	0.8
252	0.09%	0.5	0.01%	0.86	0.00%	0.9	0.14%	0.5	0.02%	0.77	0.07%	0.64	0.01%	0.9	0.01%	0.9
253	0.03%	0.7	0.00%	0.98	0.01%	0.9	0.23%	0.3	0.09%	0.57	0.00%	0.95	0.23%	0.4	0.22%	0.4
254	0.00%	0.9	0.37%	0.31	0.34%	0.3	0.15%	0.5	0.24%	0.41	0.04%	0.74	0.30%	0.4	0.16%	0.5
255	0.04%	0.7	0.31%	0.36	0.21%	0.4	0.69%	0.11	0.76%	0.116	0.11%	0.56	0.29%	0.3	0.25%	0.3
256	0.01%	0.8	1.29%	0.04	0.06%	0.6	0.26%	0.4	0.11%	0.57	0.00%	0.97	0.13%	0.5	0.33%	0.3
257																
258	0.71%	0.11	0.00%	0.91	0.47%	0.2	0.19%	0.4	0.01%	0.88	0.30%	0.35	0.00%	0.9	0.11%	0.5
259	0.13%	0.5	0.15%	0.46	0.54%	0.2	0.04%	0.7	0.03%	0.74	0.70%	0.15	0.17%	0.5	1.05%	0.06
260	0.01%	0.9	0.38%	0.25	0.31%	0.3	0.60%	0.2	0.32%	0.31	0.03%	0.76	0.07%	0.6	0.30%	0.3
261	2.26%	0.004	0.01%	0.88	0.32%	0.3	0.05%	0.7	0.05%	0.68	0.01%	0.86	0.13%	0.5	0.05%	0.7
262	0.44%	0.13	0.34%	0.18	0.23%	0.3	0.13%	0.4	0.04%	0.66	0.59%	0.084	0.05%	0.6	0.50%	0.12
263	0.31%	0.3	0.42%	0.22	0.11%	0.5	0.12%	0.5	0.04%	0.72	0.10%	0.59	0.17%	0.5	0.10%	0.6
264	0.60%	0.2	0.22%	0.38	0.72%	0.12	0.03%	0.8	0.04%	0.71	0.00%	0.99	0.03%	0.7	0.09%	0.6
265	0.00%	0.9	0.06%	0.65	0.08%	0.6	0.04%	0.7	0.03%	0.76	0.35%	0.34	0.13%	0.5	0.08%	0.6

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
266	2	ERBB4	rs7425448	212266785	211.32	0.17	0.204	C	0.11%	0.57	0.19%	0.5	0.19%	0.43	0.37%	0.26
267	2	ERBB4	rs10205553	212268193	211.33	0.47	1.000	A	0.02%	0.83	0.38%	0.3	0.06%	0.66	0.13%	0.51
268	2	ERBB4	rs6435659	212273140	211.34	0.49	0.664	T	0.26%	0.37	0.07%	0.7	0.21%	0.42	0.81%	0.099
269	2	ERBB4	rs3923755	212274316	211.35	0.44	1.000	C	0.07%	0.67	1.01%	0.12	0.01%	0.85	0.12%	0.53
270	2	ERBB4	rs6435660	212280184	211.37	0.44	0.884	C	0.62%	0.18	0.02%	0.8	0.28%	0.34	0.00%	0.99
271	2	ERBB4	rs6745717	212285476	211.38	0.16	0.579	T	0.49%	0.25	0.04%	0.8	0.33%	0.31	0.04%	0.73
272	2	ERBB4	rs12162287	212288142	211.39	0.26	0.459	C	0.16%	0.48	0.64%	0.2	0.15%	0.49	0.25%	0.36
273	2	ERBB4	rs6435665	212299886	211.43	0.12	0.745	G	0.31%	0.37	0.01%	0.9	0.07%	0.64	0.63%	0.16
274	2	ERBB4	rs7570613	212337824	211.56	0.24	0.163	T	0.08%	0.64	0.16%	0.5	0.41%	0.26	0.19%	0.43
275	2	ERBB4	rs7423708	212354130	211.61	0.29	0.074	T	0.00%	0.99	0.05%	0.7	0.81%	0.123	0.20%	0.42
276	2	ERBB4	rs7588431	212359230	211.63	0.42	0.555	C	0.29%	0.36	0.32%	0.4	0.61%	0.17	0.04%	0.71
277	2	ERBB4	rs6435670	212364130	211.64	0.28	0.274	G	0.52%	0.21	0.02%	0.8	0.00%	0.91	0.04%	0.71
278	2	ERBB4	rs4673633	212366542	211.65	0.18	0.151	G	0.08%	0.63	0.03%	0.8	0.15%	0.47	0.18%	0.43
279	2	ERBB4	rs4672626	212378670	211.69	0.10	1.000	G	0.14%	0.52	0.08%	0.7	0.03%	0.73	0.05%	0.68
280	2	ERBB4	rs7583346	212386651	211.72	0.31	0.395	C	0.31%	0.35	1.43%	0.06	0.01%	0.87	0.17%	0.45
281	2	ERBB4	rs10497952	212431603	211.87	0.23	0.242	G	0.38%	0.29	0.26%	0.4	0.07%	0.64	0.07%	0.64
282	2	ERBB4	rs1025752	212431704	211.87	0.43	0.298	A	0.02%	0.82	0.36%	0.3	0.11%	0.55	0.32%	0.29
283	2	ERBB4	rs1439252	212445389	211.91	0.37	0.535	G	0.12%	0.56	0.12%	0.6	0.34%	0.31	0.31%	0.32
284	2	ERBB4	rs13390226	212448106	211.92	0.08	0.616	G	0.07%	0.63	0.05%	0.7	0.03%	0.74	0.17%	0.44
285	2	ERBB4	rs2068401	212452431	211.94	0.42	0.447	T	0.03%	0.77	0.71%	0.2	0.04%	0.73	0.00%	0.92
286	2	ERBB4	rs7600260	212457852	211.95	0.13	0.753	T	0.80%	0.126	0.05%	0.7	1.44%	0.03	0.80%	0.092
287	2	ERBB4	rs4292044	212469397	211.99	0.09	1.000	A	0.02%	0.81	0.01%	0.9	0.01%	0.87	0.20%	0.41
288	2	ERBB4	rs2043888	212477024	212.02	0.13	0.748	T	0.03%	0.78	0.01%	0.9	0.00%	0.93	0.00%	0.97
289	2	ERBB4	rs11887994	212484167	212.04	0.33	1.000	G	0.01%	0.85	0.00%	0.9	1.51%	0.02	0.50%	0.17
290	2	ERBB4	rs11896200	212491048	212.06	0.03	1.000	T	0.11%	0.57	0.00%	1	0.18%	0.46	0.00%	0.98
291	2	ERBB4	rs7603039	212497140	212.08	0.23	0.404	A	0.05%	0.69	0.03%	0.8	0.00%	0.95	0.00%	0.95
292	2	ERBB4	rs10497953	212500610	212.10	0.03	0.190	T	1.30%	0.039	0.01%	0.8	0.74%	0.099	0.26%	0.34
293	2	ERBB4	rs7598440	212501443	212.10	0.50	0.386	T	0.14%	0.51	0.05%	0.7	0.26%	0.35	0.19%	0.41
294	2	ERBB4	rs1098066	212508207	212.12	0.21	0.384	T	0.02%	0.79	0.05%	0.7	0.02%	0.8	0.00%	0.93
295	2	ERBB4	rs839525	212523542	212.16	0.16	1.000	G	0.01%	0.89	0.14%	0.5	0.09%	0.58	0.18%	0.41
296	2	ERBB4	rs839517	212526022	212.16	0.23	0.681	C	0.07%	0.65	0.10%	0.6	0.48%	0.2	0.50%	0.18
297	2	ERBB4	rs10497955	212526746	212.16	0.02	0.113	T	1.36%	0.027	0.01%	0.9	0.38%	0.24	0.02%	0.77
298	2	ERBB4	rs10497956	212528430	212.16	0.04	0.247	G	0.45%	0.39	0.22%	0.4	0.10%	0.61	0.01%	0.87

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
266	0.08%	0.6	0.15%	0.47	0.15%	0.5	0.09%	0.6	0.40%	0.27	0.04%	0.72	0.09%	0.6	0.49%	0.2
267	0.19%	0.4	0.13%	0.5	0.05%	0.7	0.35%	0.3	0.08%	0.61	0.06%	0.67	0.00%	1	0.02%	0.8
268	0.07%	0.6	0.04%	0.73	0.15%	0.5	0.05%	0.7	0.08%	0.61	0.00%	0.99	0.73%	0.12	0.87%	0.09
269	0.02%	0.8	1.33%	0.031	0.12%	0.5	0.71%	0.12	0.03%	0.74	0.04%	0.71	0.18%	0.4	0.12%	0.5
270	0.11%	0.5	0.88%	0.076	0.01%	0.9	0.19%	0.4	0.18%	0.44	0.03%	0.74	0.61%	0.15	0.15%	0.5
271	0.03%	0.8	0.01%	0.87	0.01%	0.9	0.06%	0.7	0.03%	0.77	0.06%	0.69	0.03%	0.8	0.06%	0.7
272	0.37%	0.2	0.01%	0.82	0.59%	0.15	0.15%	0.5	0.42%	0.23	0.12%	0.54	0.31%	0.3	0.00%	1
273	0.07%	0.6	0.49%	0.21	0.79%	0.12	0.00%	0.9	0.21%	0.42	0.20%	0.45	3.12%	0.002	0.01%	0.9
274	0.03%	0.7	0.03%	0.76	0.06%	0.6	0.01%	0.8	0.04%	0.7	0.23%	0.4	0.23%	0.4	0.00%	0.9
275	0.52%	0.2	0.21%	0.39	0.30%	0.3	0.06%	0.7	0.07%	0.65	0.19%	0.45	0.33%	0.3	0.10%	0.6
276	0.16%	0.5	0.02%	0.81	0.80%	0.1	0.01%	0.9	0.18%	0.44	0.41%	0.26	0.51%	0.2	0.01%	0.9
277	0.03%	0.8	0.04%	0.7	0.19%	0.4	0.01%	0.8	0.01%	0.84	0.00%	0.98	0.03%	0.8	0.00%	0.9
278	0.04%	0.7	0.14%	0.47	1.66%	0.014	0.05%	0.7	0.36%	0.27	0.00%	0.99	0.95%	0.07	0.03%	0.8
279	0.13%	0.5	0.03%	0.74	1.74%	0.012	0.45%	0.2	0.33%	0.29	0.00%	0.99	1.74%	0.013	0.18%	0.4
280	0.34%	0.3	0.94%	0.069	0.02%	0.8	0.51%	0.2	0.92%	0.087	0.30%	0.35	1.08%	0.06	0.10%	0.6
281	0.10%	0.5	0.35%	0.26	0.02%	0.8	0.33%	0.3	0.02%	0.8	0.38%	0.28	0.51%	0.2	0.08%	0.6
282	0.01%	0.9	0.58%	0.145	0.16%	0.5	0.05%	0.7	0.15%	0.48	0.20%	0.43	0.01%	0.8	0.02%	0.8
283	0.13%	0.5	0.00%	0.95	0.01%	0.9	0.38%	0.3	0.03%	0.74	0.11%	0.58	0.00%	1	0.66%	0.14
284	0.26%	0.3	0.10%	0.53	0.32%	0.3	0.03%	0.7	0.00%	0.91	0.00%	0.92	0.03%	0.7	0.03%	0.8
285	0.00%	0.9	0.12%	0.55	0.06%	0.7	0.00%	0.9	0.13%	0.54	0.77%	0.146	0.21%	0.4	0.02%	0.8
286	0.64%	0.12	0.38%	0.23	0.36%	0.3	2.93%	0.0014	3.56%	0.00064	0.22%	0.41	1.09%	0.06	1.25%	0.04
287	0.09%	0.6	0.12%	0.51	0.03%	0.7	0.31%	0.3	0.02%	0.77	1.13%	0.048	0.10%	0.6	0.06%	0.6
288	0.62%	0.14	0.76%	0.108	0.09%	0.6	0.53%	0.2	0.02%	0.8	0.46%	0.24	0.37%	0.3	0.54%	0.2
289	0.45%	0.2	1.80%	0.0076	0.56%	0.2	2.94%	0.001	1.56%	0.021	1.11%	0.063	1.29%	0.03	1.63%	0.02
290	0.09%	0.6	0.00%	0.92	0.02%	0.8	0.03%	0.7	0.18%	0.43	0.00%	0.98	0.24%	0.3	0.07%	0.6
291	0.02%	0.8	0.04%	0.71	0.02%	0.8	0.11%	0.5	0.41%	0.23	0.00%	0.95	0.01%	0.9	0.02%	0.8
292	0.39%	0.2	0.80%	0.077	0.10%	0.5	0.04%	0.7	0.36%	0.24	1.84%	0.0124	0.57%	0.13	0.61%	0.12
293	0.11%	0.5	0.01%	0.88	0.24%	0.3	0.01%	0.8	0.03%	0.75	0.02%	0.78	0.00%	0.9	0.04%	0.7
294	0.05%	0.7	0.06%	0.64	0.01%	0.8	0.00%	0.9	0.09%	0.57	0.04%	0.72	0.02%	0.8	0.04%	0.7
295	0.68%	0.1	0.13%	0.48	0.09%	0.5	0.00%	0.9	0.38%	0.25	0.38%	0.26	0.56%	0.14	0.22%	0.3
296	0.24%	0.3	0.02%	0.8	0.40%	0.2	0.01%	0.8	0.13%	0.5	0.02%	0.78	0.00%	1	0.14%	0.5
297	0.29%	0.3	0.56%	0.138	0.03%	0.7	0.12%	0.5	0.18%	0.41	0.88%	0.088	0.06%	0.6	0.12%	0.5
298	0.48%	0.2	1.66%	0.024	0.14%	0.5	0.08%	0.6	1.17%	0.062	0.95%	0.111	1.13%	0.06	0.15%	0.5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
299	2	ERBB4	rs990741	212533818	212.16	0.19	0.640	T	0.01%	0.87	0.44%	0.3	0.45%	0.22	0.66%	0.125
300	2	ERBB4	rs987320	212538445	212.16	0.07	0.539	A	0.01%	0.9	0.72%	0.2	0.08%	0.61	1.24%	0.033
301	2	ERBB4	rs2118890	212552847	212.16	0.19	0.631	T	0.07%	0.65	0.02%	0.8	0.03%	0.72	0.78%	0.087
302	2	ERBB4	rs1521546	212558365	212.16	0.12	1.000	C	1.12%	0.057	0.01%	0.9	1.13%	0.054	0.22%	0.38
303	2	ERBB4	rs12473886	212559616	212.16	0.21	0.191	G	0.11%	0.58	0.05%	0.7	0.11%	0.56	0.74%	0.117
304	2	ERBB4	rs1155683	212560914	212.16	0.25	0.237	C	0.16%	0.49	0.14%	0.5	0.05%	0.68	0.54%	0.17
305	2	ERBB4	rs1357124	212568293	212.16	0.43	0.007	G	0.08%	0.64	0.05%	0.7	0.64%	0.17	0.01%	0.88
306	2	ERBB4	rs1402714	212576359	212.16	0.09	0.350	C	0.00%	0.93	0.03%	0.8	0.20%	0.43	0.51%	0.19
307	2	ERBB4	rs1521539	212597880	212.16	0.02	0.001	C	0.14%	0.42	0.03%	0.8	0.00%	0.9	0.01%	0.85
308	2	ERBB4	rs7607942	212604816	212.16	0.30	0.604	A	0.27%	0.38	0.65%	0.2	0.08%	0.62	0.00%	0.99
309	2	ERBB4	rs1546717	212610584		0.14	0.000									
310	2	ERBB4	rs7582903	212617082	212.16	0.32	1.000	G	0.08%	0.62	0.00%	1	0.26%	0.35	0.00%	0.92
311	2	ERBB4	rs9678219	212645894	212.16	0.17	0.791	C	0.44%	0.28	1.83%	0.04	0.00%	0.95	0.09%	0.59
312	2	ERBB4	rs1521545	212646410	212.16	0.11	0.046	A	0.09%	0.58	0.35%	0.3	0.19%	0.41	0.10%	0.54
313	2	ERBB4	rs1521553	212656660	212.16	0.40	0.647	A	0.16%	0.48	0.03%	0.8	0.27%	0.34	0.03%	0.75
314	2	ERBB4	rs7564926	212670237	212.16	0.20	1.000	A	0.00%	0.94	0.02%	0.8	0.01%	0.86	0.78%	0.097
315	2	ERBB4	rs2371438	212673776	212.16	0.07	0.604	A	0.22%	0.41	0.11%	0.6	0.13%	0.5	0.16%	0.46
316	2	ERBB4	rs11903314	212688244	212.16	0.05	0.283	G	0.53%	0.18	0.18%	0.5	0.04%	0.72	0.08%	0.59
317	2	ERBB4	rs7426206	212692700	212.16	0.35	0.525	A	0.08%	0.64	1.06%	0.07	0.34%	0.3	0.38%	0.26
318	2	ERBB4	rs1568519	212714637	212.16	0.07	1.000	T	0.08%	0.65	0.00%	1	0.09%	0.6	0.07%	0.63
319	2	ERBB4	rs7579746	212725217	212.16	0.06	0.135	T	0.42%	0.26	0.75%	0.2	0.00%	0.96	0.10%	0.55
320	2	ERBB4	rs1357142	212725707	212.16	0.29	0.056	C	0.00%	0.97	0.00%	0.9	0.00%	0.98	0.22%	0.39
321	2	ERBB4	rs6737841	212729291	212.16	0.01	1.000	A	0.09%	0.65	0.09%	0.6	0.20%	0.55	0.16%	0.48
322	2	ERBB4	rs1521657	212731683	212.16	0.24	0.843	G	0.28%	0.36	0.00%	1	0.10%	0.56	0.00%	0.98
323	2	ERBB4	rs939664	212746332	212.16	0.40	0.546	C	0.18%	0.49	0.02%	0.8	0.35%	0.3	0.05%	0.69
324	2	ERBB4	rs10497961	212751316	212.16	0.07	0.287	G	0.05%	0.67	0.19%	0.4	0.00%	0.98	0.00%	0.96
325	2	ERBB4	rs1521646	212752500	212.16	0.49	0.558	G	0.63%	0.2	0.59%	0.2	0.20%	0.45	0.06%	0.65
326	2	ERBB4	rs1915745	212753019	212.16	0.16	0.580	A	0.46%	0.26	0.85%	0.14	0.05%	0.71	0.85%	0.104
327	2	ERBB4	rs7608095	212778696	212.16	0.34	1.000	C	0.33%	0.34	0.18%	0.5	0.06%	0.68	0.19%	0.44
328	2	ERBB4	rs2049180	212789985	212.16	0.49	0.663	G	1.44%	0.043	1.19%	0.07	0.00%	0.94	0.51%	0.2
329	2	ERBB4	rs9288446	212790272	212.16	0.24	0.838	C	0.59%	0.18	0.03%	0.8	0.00%	0.98	0.59%	0.16
330	2	ERBB4	rs1521641	212802134	212.16	0.41	0.881	G	1.24%	0.058	0.00%	1	0.00%	0.96	0.35%	0.29
331	2	ERBB4	rs1948875	212830963	212.16	0.42	0.556	A	0.78%	0.126	0.84%	0.2	0.00%	0.93	0.64%	0.145

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
299	0.01%	0.9	0.10%	0.54	0.22%	0.4	0.02%	0.8	0.62%	0.137	0.33%	0.3	1.51%	0.02	0.00%	0.9
300	0.47%	0.2	0.00%	0.98	0.02%	0.8	0.08%	0.6	0.01%	0.89	0.00%	0.97	1.07%	0.05	0.18%	0.4
301	0.00%	1	0.02%	0.8	0.29%	0.3	0.00%	0.9	0.00%	0.93	0.00%	0.92	0.09%	0.6	0.17%	0.4
302	0.00%	1	0.06%	0.63	0.34%	0.3	0.02%	0.8	0.07%	0.61	0.01%	0.84	0.66%	0.09	0.11%	0.5
303	0.07%	0.5	0.07%	0.63	0.01%	0.8	0.01%	0.8	0.07%	0.64	0.49%	0.22	1.25%	0.04	0.00%	1
304	1.08%	0.05	0.00%	0.94	0.14%	0.5	0.14%	0.5	0.07%	0.61	0.44%	0.24	0.09%	0.6	0.00%	1
305	0.00%	0.9	0.06%	0.66	0.35%	0.2	0.00%	0.9	0.04%	0.74	0.09%	0.6	0.00%	1	0.28%	0.3
306	0.12%	0.5	0.10%	0.54	0.02%	0.8	0.30%	0.3	0.08%	0.61	0.16%	0.47	0.09%	0.6	0.36%	0.3
307	0.30%	0.3	0.14%	0.37	0.01%	0.8	0.07%	0.5	0.10%	0.45	0.40%	0.16	0.01%	0.8	0.03%	0.7
308	0.07%	0.6	0.27%	0.34	0.48%	0.2	0.00%	0.9	0.04%	0.72	0.83%	0.114	0.94%	0.07	0.01%	0.8
309																
310	0.15%	0.5	0.05%	0.65	0.52%	0.2	0.07%	0.6	0.02%	0.81	0.07%	0.62	0.04%	0.7	0.46%	0.2
311	0.02%	0.8	0.21%	0.39	0.20%	0.4	0.01%	0.9	0.03%	0.76	0.77%	0.131	0.01%	0.8	0.20%	0.4
312	0.81%	0.08	0.01%	0.83	0.14%	0.5	0.04%	0.7	0.32%	0.28	0.38%	0.26	0.31%	0.3	0.11%	0.5
313	0.52%	0.2	0.37%	0.23	0.06%	0.6	0.03%	0.7	0.32%	0.29	0.08%	0.61	0.33%	0.3	0.01%	0.8
314	0.37%	0.2	0.02%	0.77	3.12%	0.0015	0.81%	0.11	0.12%	0.51	0.01%	0.86	0.31%	0.3	0.24%	0.4
315	0.29%	0.3	0.15%	0.45	0.00%	0.9	0.07%	0.6	0.07%	0.63	0.08%	0.62	0.85%	0.11	0.02%	0.8
316	0.13%	0.5	0.14%	0.45	0.14%	0.4	0.01%	0.9	0.17%	0.44	0.12%	0.53	0.02%	0.8	0.00%	1
317	0.04%	0.7	0.02%	0.81	0.02%	0.8	0.51%	0.2	0.00%	0.96	0.16%	0.48	0.17%	0.4	0.29%	0.3
318	0.21%	0.4	0.21%	0.4	0.29%	0.3	0.01%	0.8	0.49%	0.21	0.33%	0.33	0.06%	0.7	0.78%	0.11
319	0.02%	0.8	0.62%	0.115	0.06%	0.6	0.49%	0.2	0.26%	0.34	0.05%	0.68	0.50%	0.2	0.03%	0.8
320	0.35%	0.3	0.12%	0.51	0.00%	0.9	0.00%	1	0.48%	0.21	0.56%	0.2	0.35%	0.3	0.33%	0.3
321	0.02%	0.8	0.12%	0.5	0.38%	0.2	0.28%	0.3	0.00%	0.91	0.80%	0.14	0.03%	0.8	0.00%	1
322	0.10%	0.5	0.47%	0.2	0.15%	0.5	0.48%	0.2	0.23%	0.38	0.64%	0.16	1.25%	0.04	0.15%	0.5
323	1.08%	0.06	0.18%	0.43	0.01%	0.9	0.24%	0.4	0.02%	0.8	0.05%	0.72	0.07%	0.6	0.16%	0.5
324	0.13%	0.5	0.13%	0.47	0.26%	0.4	0.15%	0.5	0.12%	0.51	0.07%	0.63	0.01%	0.9	0.09%	0.6
325	0.00%	0.9	0.30%	0.32	0.06%	0.7	0.23%	0.4	0.01%	0.85	0.02%	0.82	0.03%	0.8	0.02%	0.8
326	0.02%	0.8	0.02%	0.82	0.19%	0.4	0.51%	0.2	0.25%	0.39	0.24%	0.41	0.08%	0.6	0.34%	0.3
327	0.12%	0.5	0.21%	0.4	0.65%	0.13	0.01%	0.9	0.01%	0.84	0.00%	0.96	0.06%	0.6	0.04%	0.7
328	0.00%	0.9	0.00%	0.94	0.16%	0.4	0.03%	0.7	0.26%	0.36	0.05%	0.71	0.20%	0.4	1.44%	0.03
329	0.05%	0.7	0.02%	0.76	0.08%	0.6	0.23%	0.4	0.49%	0.19	0.02%	0.8	0.57%	0.2	0.00%	1
330	0.00%	1	0.01%	0.83	0.00%	0.9	0.35%	0.3	0.71%	0.135	0.07%	0.64	0.30%	0.5	0.11%	0.6
331	0.16%	0.5	0.01%	0.88	0.03%	0.7	0.17%	0.4	0.10%	0.56	0.03%	0.75	0.07%	0.6	0.04%	0.7

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
332	2	ERBB4	rs1021916	212841067	212.16	0.01	1.000	C	0.06%	0.68	0.00%	0.9	0.06%	0.67	0.14%	0.52
333	2	ERBB4	rs2135161	212844992	212.16	0.15	0.765	A	0.22%	0.44	0.88%	0.15	0.10%	0.58	0.05%	0.7
334	2	ERBB4	rs1568516	212850372	212.16	0.03	1.000	A	0.24%	0.41	0.30%	0.4	0.04%	0.71	0.05%	0.69
335	2	ERBB4	rs953831	212859060	212.16	0.20	0.639	A	0.01%	0.88	2.23%	0.03	0.10%	0.59	0.29%	0.34
336	2	ERBB4	rs1857795	212873152	212.16	0.11	0.722	G	0.31%	0.35	1.15%	0.1	0.00%	0.96	0.08%	0.6
337	2	ERBB4	rs1505344	212875519	212.16	0.38	0.275	A	0.03%	0.75	0.69%	0.2	0.16%	0.47	0.52%	0.18
338	2	ERBB4	rs1910866	212891941	212.16	0.18	0.047	T	0.01%	0.84	0.00%	1	0.04%	0.72	0.00%	0.92
339	2	ERBB4	rs1505366	212899634	212.16	0.06	0.013	G	1.02%	0.056	0.00%	0.9	0.07%	0.6	0.08%	0.58
340	2	ERBB4	rs1505374	212900905	212.16	0.07	1.000	A	0.39%	0.27	0.51%	0.2	0.18%	0.44	0.39%	0.24
341	2	ERBB4	rs1394785	212919219	212.16	0.29	0.385	C	1.97%	0.023	2.91%	0.006	0.24%	0.43	1.52%	0.028
342	2	ERBB4	rs1505360	212920375	212.16	0.42	1.000	G	1.31%	0.063	0.19%	0.5	0.56%	0.2	0.02%	0.82
343	2	ERBB4	rs10497971	212933104	212.16	0.18	0.141	C	0.25%	0.39	0.01%	0.9	0.05%	0.7	0.13%	0.51
344	2	ERBB4	rs10497972	212933541	212.16	0.11	0.251	G	0.00%	0.96	1.13%	0.08	0.00%	0.92	0.71%	0.107
345	2	ERBB4	rs11892564	212934789	212.16	0.25	0.233	A	0.03%	0.74	0.01%	0.9	0.62%	0.137	0.28%	0.31
346	2	ERBB4	rs4511675	212941984	212.16	0.35	0.748	G	0.06%	0.67	0.17%	0.5	0.28%	0.34	0.42%	0.23
347	2	ERBB4	rs1394795	212947747	212.16	0.05	0.099	T	0.01%	0.86	0.72%	0.2	0.01%	0.86	1.30%	0.033
348	2	ERBB4	rs7575393	212970360	212.16	0.21	0.395	T	0.51%	0.21	0.14%	0.5	0.01%	0.85	0.89%	0.075
349	2	ERBB4	rs1394796	212978672	212.16	0.23	0.062	C	0.14%	0.52	0.33%	0.3	0.77%	0.119	0.00%	0.94
350	2	ERBB4	rs1283310	212982136	212.16	0.43	0.771	G	0.07%	0.66	0.12%	0.6	0.09%	0.59	0.13%	0.51
351	2	ERBB4	rs13383863	212992266	212.16	0.09	0.673	T	0.16%	0.48	0.03%	0.8	0.03%	0.75	0.03%	0.73
352	2	ERBB4	rs7570330	212997889	212.16	0.18	0.130	C	0.04%	0.73	0.12%	0.6	0.73%	0.12	0.04%	0.69
353	2	ERBB4	rs1505349	212999751	212.16	0.15	0.036	A	0.08%	0.62	0.22%	0.4	1.11%	0.06	0.57%	0.18
354	2	ERBB4	rs2062930	213021330	212.16	0.39	0.218	G	0.16%	0.5	0.19%	0.5	0.31%	0.33	0.96%	0.078
355	2	ERBB4	rs1505372	213024715	212.16	0.24	0.553	A	0.15%	0.5	0.27%	0.4	0.05%	0.71	0.30%	0.32
356	2	ERBB4	rs972489	213025126	212.16	0.17	0.789	T	0.04%	0.71	0.01%	0.8	1.59%	0.021	0.22%	0.39
357	2	ERBB4	rs7564771	213031181	212.16	0.18	0.187	G	0.04%	0.72	0.35%	0.3	2.14%	0.0054	0.24%	0.35
358	2	ERBB4	rs6435706	213046909	212.16	0.04	1.000	G	0.50%	0.23	0.75%	0.14	0.05%	0.66	0.09%	0.59
359	2	ERBB4	rs10497974	213048055	212.16	0.03	1.000	A	0.12%	0.58	0.08%	0.7	0.01%	0.86	0.10%	0.54
360	2	ERBB4	rs6752299	213056612	212.16	0.04	1.000	C	0.17%	0.47	0.00%	0.9	0.18%	0.42	0.01%	0.89
361	2	ERBB4	rs1384295	213093389	212.16	0.47	0.382	A	0.10%	0.57	0.06%	0.7	0.31%	0.31	0.18%	0.43
362	3	SLC6A1	rs1728818	11007992	28.77	0.44	0.883	G	0.00%	0.92	0.45%	0.3	0.11%	0.54	0.13%	0.49
363	3	SLC6A1	rs1710887	11014960	28.79	0.34	0.267	G	0.28%	0.35	0.07%	0.7	0.10%	0.57	0.49%	0.21
364	3	SLC6A1	rs1568074	11016308	28.79	0.46	0.661	A	0.01%	0.87	0.34%	0.4	0.01%	0.88	0.25%	0.37

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
332	0.16%	0.4	0.06%	0.64	0.02%	0.8	0.02%	0.8	0.33%	0.32	0.08%	0.65	0.00%	1	0.34%	0.3
333	0.06%	0.6	0.09%	0.58	0.14%	0.5	0.20%	0.4	0.43%	0.23	0.46%	0.24	1.40%	0.03	0.60%	0.14
334	0.01%	0.9	1.33%	0.033	0.89%	0.08	0.29%	0.3	0.16%	0.45	0.00%	0.99	0.03%	0.7	0.23%	0.4
335	0.15%	0.5	0.24%	0.37	0.17%	0.4	0.38%	0.2	0.21%	0.4	0.44%	0.24	0.01%	0.9	0.01%	0.9
336	0.04%	0.7	0.03%	0.74	0.11%	0.5	0.10%	0.6	0.26%	0.35	0.12%	0.54	0.90%	0.1	0.07%	0.7
337	0.12%	0.5	0.04%	0.69	0.02%	0.8	0.28%	0.3	0.00%	0.97	0.20%	0.43	0.00%	0.9	0.21%	0.4
338	0.25%	0.4	0.00%	0.98	0.18%	0.4	0.60%	0.15	0.05%	0.68	0.07%	0.63	0.03%	0.8	0.08%	0.6
339	0.00%	0.9	0.04%	0.69	0.07%	0.6	0.00%	1	0.02%	0.81	0.05%	0.69	0.45%	0.2	0.63%	0.14
340	0.38%	0.3	0.25%	0.34	0.05%	0.7	0.02%	0.8	0.03%	0.74	0.01%	0.85	0.20%	0.4	0.01%	0.9
341	0.23%	0.4	0.15%	0.48	0.03%	0.8	0.04%	0.7	0.15%	0.5	0.45%	0.26	0.00%	0.9	0.01%	0.9
342	0.06%	0.6	0.18%	0.44	0.02%	0.8	0.01%	0.8	0.00%	0.91	0.02%	0.81	0.30%	0.3	0.53%	0.2
343	0.00%	1	0.28%	0.32	0.11%	0.5	0.39%	0.2	0.33%	0.3	0.11%	0.57	0.55%	0.2	0.17%	0.4
344	0.00%	0.9	0.27%	0.3	0.06%	0.7	0.15%	0.5	0.04%	0.69	0.85%	0.095	0.84%	0.08	0.08%	0.6
345	0.25%	0.4	0.24%	0.32	0.00%	1	0.05%	0.7	0.02%	0.81	0.33%	0.3	0.33%	0.3	0.09%	0.6
346	0.04%	0.7	0.34%	0.27	0.19%	0.4	0.49%	0.2	0.00%	0.93	0.04%	0.73	0.41%	0.2	0.78%	0.1
347	0.01%	0.8	0.22%	0.36	0.25%	0.3	0.56%	0.2	0.02%	0.81	0.14%	0.53	0.08%	0.6	1.53%	0.02
348	0.12%	0.5	0.03%	0.73	0.06%	0.6	0.01%	0.8	0.01%	0.88	0.01%	0.85	0.17%	0.4	0.06%	0.6
349	0.05%	0.7	0.22%	0.36	0.00%	1	0.01%	0.9	0.65%	0.135	0.00%	0.94	0.01%	0.8	0.01%	0.9
350	0.05%	0.7	0.02%	0.79	0.29%	0.3	0.00%	0.9	0.01%	0.86	0.04%	0.74	0.01%	0.8	0.72%	0.12
351	0.17%	0.5	0.25%	0.34	0.00%	1	0.00%	0.9	0.11%	0.54	0.03%	0.77	0.01%	0.9	0.56%	0.2
352	0.07%	0.6	0.33%	0.26	0.05%	0.7	0.01%	0.9	0.82%	0.09	0.02%	0.82	0.00%	1	0.02%	0.8
353	0.28%	0.3	0.03%	0.75	0.00%	0.9	0.03%	0.7	0.40%	0.25	0.27%	0.37	0.60%	0.2	0.05%	0.7
354	0.40%	0.2	0.14%	0.49	0.07%	0.6	0.18%	0.4	0.00%	0.96	0.52%	0.21	0.00%	0.9	0.06%	0.7
355	0.12%	0.5	0.04%	0.7	0.35%	0.3	0.00%	0.9	0.52%	0.2	0.03%	0.76	0.36%	0.2	0.10%	0.5
356	0.03%	0.7	0.32%	0.28	0.13%	0.5	0.19%	0.4	0.50%	0.19	0.00%	0.96	0.07%	0.6	0.43%	0.2
357	1.53%	0.01	0.03%	0.74	0.00%	0.9	0.42%	0.2	0.15%	0.46	0.05%	0.69	0.11%	0.5	0.43%	0.2
358	0.07%	0.6	0.44%	0.2	0.03%	0.7	0.14%	0.4	0.51%	0.2	0.83%	0.123	0.02%	0.8	0.00%	0.9
359	0.20%	0.4	0.03%	0.73	0.52%	0.2	0.31%	0.3	0.20%	0.41	0.36%	0.27	0.05%	0.7	0.29%	0.3
360	0.02%	0.8	0.21%	0.38	0.00%	1	0.03%	0.7	0.27%	0.33	0.01%	0.85	0.03%	0.7	0.01%	0.8
361	0.00%	0.9	0.01%	0.88	0.06%	0.7	0.24%	0.4	0.00%	0.94	0.17%	0.46	0.06%	0.7	0.06%	0.6
362	0.00%	0.9	0.03%	0.73	0.38%	0.2	0.66%	0.12	0.22%	0.38	0.31%	0.32	1.03%	0.05	0.00%	0.9
363	0.09%	0.6	0.46%	0.2	0.18%	0.4	0.00%	0.9	0.24%	0.37	0.09%	0.6	0.00%	1	0.00%	1
364	0.20%	0.4	0.03%	0.76	0.01%	0.8	1.50%	0.02	0.77%	0.119	0.91%	0.102	0.00%	0.9	0.01%	0.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
365	3	SLC6A1	rs1710891	11024133	28.81	0.41	1.000	C	0.42%	0.27	0.91%	0.13	0.05%	0.7	0.06%	0.67
366	3	SLC6A1	rs2697144	11026099	28.81	0.20	0.190	A	0.20%	0.42	0.14%	0.5	0.08%	0.6	0.03%	0.73
367	3	SLC6A1	rs2930154	11028389	28.82	0.21	1.000	C	0.18%	0.5	1.39%	0.07	0.07%	0.66	0.15%	0.5
368	3	SLC6A1	rs6778281	11028517	28.82	0.09	0.168	C	0.06%	0.68	0.00%	0.9	0.07%	0.63	0.17%	0.44
369	3	SLC6A1	rs1170695	11030338	28.82	0.31	0.302	T	0.18%	0.47	1.19%	0.08	0.15%	0.5	0.01%	0.82
370	3	SLC6A1	rs9876005	11037763	28.84	0.05	0.002	A	0.00%	0.93	0.03%	0.7	2.08%	0.0101	0.09%	0.55
371	3	SLC6A1	rs1728802	11041520	28.85	0.09	0.635	G	0.05%	0.69	0.04%	0.7	0.09%	0.61	0.35%	0.3
372	3	SLC6A1	rs10510403	11041670	28.85	0.16	0.303	A	0.50%	0.23	1.10%	0.11	0.03%	0.76	0.64%	0.16
373	3	SLC6A1	rs11925331	11047167	28.86	0.11	0.038	C	1.73%	0.045	0.00%	0.9	0.19%	0.43	0.09%	0.58
374	3	SLC6A1	rs2675163	11050014	28.87	0.23	1.000	T	0.00%	0.94	1.23%	0.07	0.33%	0.3	0.00%	0.98
375	3	SLC6A1	rs1062246	11055169	28.88	0.43	0.657	A	0.46%	0.22	0.31%	0.4	0.01%	0.9	0.16%	0.45
376	3	GRM2	rs4687770	51730105	72.81	0.22	0.833	T	0.52%	0.23	0.15%	0.6	0.43%	0.26	0.06%	0.65
377	3	DRD3	rs2399496	115328703	135.85	0.47	0.042	T	0.12%	0.53	0.05%	0.7	0.04%	0.7	0.02%	0.81
378	3	DRD3	rs2134655	115340891	135.85	0.22	0.667	G	0.22%	0.4	0.02%	0.8	0.01%	0.85	0.54%	0.16
379	3	DRD3	rs963468	115345577	135.85	0.42	0.235	G	0.02%	0.8	0.00%	1	0.00%	0.99	0.03%	0.73
380	3	DRD3	rs3773678	115352768	135.85	0.18	0.237	C	0.16%	0.48	0.00%	1	0.14%	0.48	0.11%	0.54
381	3	DRD3	rs2630349	115356062	135.85	0.08	0.133	G	0.31%	0.33	0.55%	0.2	0.01%	0.83	0.01%	0.88
382	3	DRD3	rs167771	115358965	135.85	0.22	0.092	T	0.16%	0.47	0.14%	0.5	0.00%	0.97	0.03%	0.76
383	3	DRD3	rs167770	115362252	135.85	0.31	0.606	A	0.13%	0.52	0.11%	0.6	0.03%	0.76	0.32%	0.28
384	3	DRD3	rs1486009	115371222	135.85	0.05	0.406	A	0.19%	0.43	0.25%	0.4	0.40%	0.22	0.00%	0.97
385	3	DRD3	rs6280	115373505	135.85	0.36	0.753	T	0.34%	0.31	0.16%	0.5	0.08%	0.6	0.29%	0.31
386	3	DRD3	rs9825563	115382910	135.85	0.32	0.869	A	0.02%	0.78	0.26%	0.4	0.00%	0.94	0.62%	0.124
387	3	GSK3B	rs4688043	121073938	141.62	0.10	1.000	T	0.01%	0.9	0.08%	0.7	0.39%	0.31	0.02%	0.8
388	3	GSK3B	rs1381841	121161492	141.62	0.14	0.758	A	0.08%	0.61	0.64%	0.2	0.32%	0.32	1.87%	0.0139
389	3	GSK3B	rs11923854	121229259	141.63	0.15	0.766	T	0.07%	0.64	0.62%	0.2	0.29%	0.35	1.84%	0.0145
390	3	GSK3B	rs10934505	121250012	141.63	0.18	0.458	A	0.27%	0.36	0.48%	0.3	0.54%	0.18	0.00%	0.99
391	3	GSK3B	rs968824	121255730	141.63	0.25	0.554	T	0.16%	0.49	0.87%	0.11	0.09%	0.59	1.20%	0.047
392	3	GSK3B	rs334555	121286826	141.63	0.15	1.000	C	1.01%	0.065	0.27%	0.4	0.76%	0.112	0.15%	0.46
393	3	GSK3B	rs3755557	121297647	141.63	0.18	0.797	T	0.01%	0.84	0.01%	0.8	0.95%	0.074	0.41%	0.24
394	4	GABRB1	rs4315750	46745942	70.67	0.09	0.700	C	0.03%	0.75	0.21%	0.5	0.57%	0.17	0.00%	0.92
395	4	GABRB1	rs4694834	46774165	70.68	0.17	0.609	G	0.00%	0.99	0.03%	0.8	0.38%	0.28	1.18%	0.047
396	4	GABRB1	rs6818828	46787693	70.69	0.27	0.476	T	1.10%	0.062	0.03%	0.8	0.00%	0.91	0.01%	0.87
397	4	GABRB1	rs6854637	46793476	70.69	0.08	0.609	G	1.17%	0.083	1.01%	0.1	0.06%	0.66	0.23%	0.4

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
365	0.33%	0.3	0.01%	0.84	0.00%	0.9	0.92%	0.08	0.31%	0.32	0.54%	0.21	0.11%	0.5	0.08%	0.6
366	0.00%	0.9	0.14%	0.47	0.14%	0.5	0.01%	0.8	0.25%	0.35	0.45%	0.22	0.19%	0.4	0.04%	0.7
367	0.32%	0.3	0.28%	0.35	0.00%	0.9	0.59%	0.14	0.46%	0.25	0.02%	0.83	0.46%	0.2	0.07%	0.6
368	0.06%	0.7	0.59%	0.14	0.00%	0.9	0.35%	0.3	0.21%	0.39	0.00%	0.96	0.99%	0.06	0.03%	0.8
369	0.24%	0.4	0.35%	0.26	0.00%	1	0.60%	0.14	1.69%	0.017	0.43%	0.25	0.39%	0.3	0.06%	0.6
370	0.06%	0.6	0.00%	0.89	0.22%	0.3	0.01%	0.8	0.61%	0.135	0.01%	0.86	0.51%	0.2	0.07%	0.6
371	0.04%	0.7	0.00%	0.91	0.02%	0.8	0.24%	0.4	0.88%	0.105	0.00%	0.93	0.11%	0.5	0.05%	0.7
372	0.01%	0.9	0.10%	0.56	0.01%	0.8	2.21%	0.006	0.08%	0.61	0.37%	0.3	0.25%	0.4	0.14%	0.5
373	0.05%	0.7	2.13%	0.0046	0.21%	0.4	0.24%	0.3	0.11%	0.54	0.01%	0.85	0.18%	0.4	0.02%	0.8
374	0.13%	0.5	0.01%	0.85	0.02%	0.8	0.25%	0.3	0.02%	0.82	0.87%	0.094	0.02%	0.8	0.01%	0.8
375	0.03%	0.7	0.44%	0.19	0.59%	0.13	0.53%	0.2	0.00%	0.97	0.00%	1	0.00%	1	0.15%	0.5
376	0.00%	0.9	0.00%	0.94	0.10%	0.6	0.42%	0.2	0.12%	0.55	0.04%	0.74	0.71%	0.14	0.14%	0.5
377	0.74%	0.09	0.47%	0.18	0.65%	0.11	1.21%	0.03	0.97%	0.062	0.08%	0.62	0.12%	0.5	0.20%	0.4
378	0.08%	0.6	0.04%	0.68	0.00%	0.9	0.30%	0.3	0.19%	0.41	0.32%	0.31	0.48%	0.2	0.29%	0.3
379	0.42%	0.2	0.11%	0.53	0.46%	0.2	0.05%	0.7	0.13%	0.51	0.00%	0.95	0.72%	0.11	0.00%	0.9
380	0.17%	0.4	0.12%	0.49	0.67%	0.11	0.00%	1	0.21%	0.37	0.18%	0.42	0.19%	0.4	0.20%	0.4
381	0.00%	0.9	0.11%	0.49	0.01%	0.8	0.60%	0.13	0.06%	0.62	0.07%	0.59	0.10%	0.5	1.90%	0.006
382	0.14%	0.5	0.00%	0.91	0.03%	0.8	0.01%	0.8	0.00%	1	0.04%	0.68	0.02%	0.8	0.55%	0.2
383	0.08%	0.6	0.08%	0.57	0.06%	0.6	0.11%	0.5	0.00%	0.92	0.18%	0.44	0.01%	0.8	0.41%	0.2
384	1.30%	0.02	0.05%	0.66	0.03%	0.7	0.71%	0.07	0.10%	0.54	0.06%	0.66	0.01%	0.9	0.56%	0.2
385	0.06%	0.6	0.00%	0.96	0.15%	0.4	1.31%	0.02	0.00%	0.93	0.22%	0.39	0.25%	0.3	1.07%	0.05
386	0.26%	0.3	0.00%	0.93	0.00%	0.9	0.11%	0.5	0.01%	0.88	0.44%	0.22	0.12%	0.5	0.66%	0.12
387	0.00%	0.9	0.12%	0.55	0.16%	0.5	0.02%	0.8	0.00%	0.95	0.05%	0.72	0.01%	0.9	0.42%	0.3
388	0.20%	0.4	0.00%	0.94	0.27%	0.3	0.85%	0.09	0.76%	0.117	1.59%	0.028	0.52%	0.2	0.00%	1
389	0.01%	0.8	0.00%	1	0.09%	0.6	0.46%	0.2	0.90%	0.087	1.64%	0.025	1.77%	0.012	0.19%	0.4
390	0.43%	0.2	0.25%	0.34	0.29%	0.3	0.81%	0.1	0.07%	0.61	0.23%	0.41	0.42%	0.2	0.00%	1
391	0.26%	0.3	0.05%	0.67	0.71%	0.11	0.00%	1	0.59%	0.17	1.79%	0.021	0.29%	0.3	0.22%	0.4
392	0.02%	0.8	0.09%	0.55	0.54%	0.2	1.08%	0.05	1.22%	0.043	0.02%	0.82	0.31%	0.3	0.13%	0.5
393	0.69%	0.11	0.00%	0.96	0.10%	0.6	0.29%	0.3	0.24%	0.36	0.58%	0.17	1.31%	0.03	0.14%	0.5
394	0.03%	0.7	0.19%	0.41	0.17%	0.4	0.32%	0.3	0.10%	0.57	0.38%	0.28	0.32%	0.3	0.00%	0.9
395	0.33%	0.3	0.41%	0.23	0.00%	0.9	1.76%	0.013	0.27%	0.35	0.03%	0.76	0.14%	0.5	0.01%	0.9
396	0.21%	0.4	1.07%	0.042	0.11%	0.5	0.65%	0.11	0.02%	0.77	0.05%	0.68	0.02%	0.8	0.27%	0.3
397	0.11%	0.5	0.04%	0.7	0.17%	0.5	0.23%	0.4	0.14%	0.51	0.03%	0.75	0.45%	0.2	0.49%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
398	4	GABRB1	rs1866989	46795862	70.69	0.41	0.370	A	0.00%	0.99	0.04%	0.7	0.26%	0.36	0.08%	0.6
399	4	GABRB1	rs1470207	46818137	70.70	0.46	1.000	A	0.12%	0.55	0.22%	0.4	0.03%	0.76	0.02%	0.77
400	4	GABRB1	rs1946966	46832233	70.70	0.46	0.884	C	0.13%	0.53	0.33%	0.3	0.03%	0.73	0.00%	0.97
401	4	GABRB1	rs6827925	46851302	70.71	0.16	0.579	A	0.64%	0.17	0.19%	0.5	0.20%	0.43	0.26%	0.36
402	4	GABRB1	rs1542097	46856324	70.71	0.16	1.000	A	0.61%	0.18	0.22%	0.4	0.26%	0.37	0.19%	0.43
403	4	GABRB1	rs3822110	46863626	70.72	0.11	1.000	T	0.12%	0.57	0.74%	0.2	0.33%	0.31	0.00%	0.99
404	4	GABRB1	rs2044081	46913097	70.74	0.15	0.772	C	0.05%	0.7	0.56%	0.2	0.18%	0.45	0.18%	0.44
405	4	GABRB1	rs1372497	46917095	70.74	0.34	1.000	T	0.53%	0.2	1.00%	0.11	0.10%	0.56	0.02%	0.79
406	4	GABRB1	rs7672100	46960347	70.76	0.24	0.445	A	1.03%	0.076	1.06%	0.09	0.04%	0.7	0.43%	0.22
407	4	GABRB1	rs2078610	46983811	70.77	0.37	1.000	T	0.25%	0.38	1.04%	0.08	0.00%	0.91	0.02%	0.78
408	4	GABRB1	rs4396966	46985892	70.77	0.49	0.666	C	0.74%	0.126	0.36%	0.3	0.50%	0.2	1.04%	0.058
409	4	GABRB1	rs9683412	46997541	70.77	0.39	1.000	A	0.85%	0.104	1.36%	0.05	0.01%	0.85	0.12%	0.52
410	4	GABRB1	rs13102109	46997899	70.77	0.07	1.000	A	0.56%	0.18	0.50%	0.2	0.04%	0.71	0.07%	0.61
411	4	GABRB1	rs4235146	46999617	70.77	0.34	1.000	T	1.40%	0.037	2.20%	0.012	0.37%	0.27	0.02%	0.8
412	4	GABRB1	rs4518219	46999789	70.77	0.25	0.852	T	0.94%	0.087	0.69%	0.2	0.11%	0.55	0.05%	0.68
413	4	GABRB1	rs4627835	47005024	70.78	0.19	0.634	A	0.71%	0.143	0.03%	0.8	0.06%	0.67	0.41%	0.24
414	4	GABRB1	rs10000697	47010078	70.79	0.43	0.245	A	0.73%	0.15	0.74%	0.2	0.06%	0.67	0.36%	0.29
415	4	GABRB1	rs4599390	47010078	70.78	0.48	0.559	T	0.77%	0.137	0.59%	0.2	0.02%	0.81	0.49%	0.22
416	4	GABRB1	rs728292	47030500	70.79	0.47	0.663	C	0.01%	0.84	0.13%	0.6	0.12%	0.52	0.11%	0.53
417	4	GABRB1	rs6830892	47052237	70.80	0.45	0.665	C	0.03%	0.78	0.05%	0.7	0.49%	0.2	0.22%	0.38
418	4	GABRB1	rs4694846	47060562	70.80	0.44	0.659	T	0.06%	0.69	0.62%	0.2	0.61%	0.18	0.14%	0.5
419	4	GABRB1	rs13107066	47063555	70.80	0.43	0.375	T	0.25%	0.37	0.01%	0.9	0.01%	0.83	0.33%	0.28
420	4	GABRB1	rs4695226	47077677	70.80	0.48	0.059	C	0.02%	0.82	0.12%	0.6	0.07%	0.64	0.05%	0.67
421	4	GABRB1	rs7439087	47091757	70.81	0.35	0.035	T	0.00%	0.98	0.97%	0.11	0.12%	0.52	0.09%	0.57
422	4	GABRB1	rs7679148	47111576	70.82	0.23	0.065	G	0.96%	0.083	1.55%	0.04	0.10%	0.56	0.80%	0.096
423	4	GRID2	rs1513467	93464181	106.47	0.09	1.000	A	0.66%	0.134	0.03%	0.8	0.15%	0.47	0.24%	0.35
424	4	GRID2	rs13115966	93503757	106.47	0.01	1.000	C	0.06%	0.62	0.20%	0.4	0.86%	0.079	0.05%	0.65
425	4	GRID2	rs6821502	93511369	106.47	0.28	0.717	C	0.56%	0.19	0.12%	0.6	0.05%	0.69	0.24%	0.37
426	4	GRID2	rs2089990	93519211	106.47	0.23	0.109	T	0.35%	0.29	0.10%	0.6	0.06%	0.63	0.13%	0.49
427	4	GRID2	rs1513460	93528549	106.47	0.32	0.240	A	0.89%	0.099	0.00%	1	0.07%	0.64	0.44%	0.22
428	4	GRID2	rs13109229	93551627	106.47	0.25	0.020	T	0.04%	0.71	1.19%	0.09	0.00%	0.94	0.04%	0.7
429	4	GRID2	rs5021051	93565766	106.47	0.19	0.335	C	0.51%	0.24	0.00%	0.9	1.02%	0.083	0.02%	0.79
430	4	GRID2	rs6844474	93573071	106.47	0.12	0.486	G	1.87%	0.0123	0.18%	0.5	0.00%	0.94	0.55%	0.14

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
398	0.11%	0.5	0.02%	0.8	0.15%	0.5	0.19%	0.4	0.02%	0.79	0.00%	0.95	0.32%	0.3	0.00%	1
399	0.42%	0.2	0.75%	0.09	0.05%	0.7	0.09%	0.6	0.00%	0.97	0.48%	0.22	0.23%	0.4	0.00%	1
400	0.54%	0.15	0.91%	0.059	0.01%	0.9	0.06%	0.6	0.01%	0.85	0.25%	0.37	0.33%	0.3	0.00%	1
401	0.02%	0.8	0.02%	0.8	0.50%	0.2	1.68%	0.02	0.00%	0.95	0.07%	0.66	0.06%	0.7	0.01%	0.8
402	0.05%	0.7	0.09%	0.58	0.32%	0.3	1.61%	0.02	0.00%	0.99	0.07%	0.66	0.06%	0.7	0.01%	0.8
403	0.00%	0.9	0.04%	0.71	0.03%	0.7	0.13%	0.5	0.36%	0.28	0.03%	0.75	0.24%	0.4	0.80%	0.1
404	0.03%	0.7	1.13%	0.05	0.09%	0.6	0.29%	0.3	0.10%	0.57	0.20%	0.43	0.00%	0.9	0.09%	0.6
405	0.16%	0.4	1.10%	0.044	0.03%	0.7	0.06%	0.6	0.69%	0.13	0.20%	0.43	0.02%	0.8	0.25%	0.4
406	0.41%	0.2	0.44%	0.2	0.26%	0.3	1.33%	0.03	0.06%	0.64	0.04%	0.71	0.01%	0.9	0.30%	0.3
407	0.13%	0.5	0.19%	0.4	0.60%	0.13	1.52%	0.02	0.03%	0.75	0.31%	0.3	0.02%	0.8	0.52%	0.2
408	0.03%	0.8	0.12%	0.5	0.44%	0.2	0.26%	0.3	0.08%	0.6	0.02%	0.82	0.00%	0.9	0.04%	0.7
409	0.26%	0.3	0.18%	0.41	0.20%	0.4	0.53%	0.14	0.04%	0.72	0.52%	0.19	0.07%	0.6	0.28%	0.3
410	0.02%	0.8	0.11%	0.52	0.52%	0.2	0.61%	0.13	0.04%	0.68	0.17%	0.43	0.03%	0.7	0.06%	0.6
411	0.34%	0.3	0.37%	0.24	1.11%	0.04	1.65%	0.012	0.00%	0.91	1.36%	0.034	0.07%	0.6	0.42%	0.2
412	1.22%	0.03	0.39%	0.23	0.64%	0.12	1.46%	0.02	0.00%	0.89	0.81%	0.104	0.06%	0.6	0.44%	0.2
413	0.06%	0.6	0.02%	0.77	0.07%	0.6	0.32%	0.3	0.00%	0.91	0.24%	0.42	0.11%	0.6	0.05%	0.7
414	0.74%	0.12	0.33%	0.29	0.64%	0.15	0.43%	0.2	0.04%	0.73	0.51%	0.23	0.33%	0.3	0.09%	0.6
415	0.67%	0.13	0.22%	0.39	0.43%	0.2	0.61%	0.2	0.03%	0.75	0.33%	0.33	0.08%	0.6	0.26%	0.4
416	0.04%	0.7	0.06%	0.65	0.13%	0.5	0.00%	0.9	0.01%	0.85	0.25%	0.37	0.60%	0.15	0.02%	0.8
417	0.06%	0.6	0.02%	0.79	0.34%	0.3	0.00%	1	0.07%	0.63	0.36%	0.28	0.23%	0.4	0.07%	0.6
418	0.13%	0.5	0.21%	0.41	0.21%	0.4	0.30%	0.3	0.02%	0.81	0.14%	0.51	0.00%	1	0.09%	0.6
419	0.03%	0.7	0.03%	0.73	0.40%	0.2	0.21%	0.4	0.01%	0.85	0.12%	0.53	0.43%	0.2	0.11%	0.5
420	0.08%	0.6	0.06%	0.63	0.00%	0.9	0.50%	0.2	0.09%	0.56	0.12%	0.53	0.81%	0.09	0.44%	0.2
421	0.02%	0.8	0.28%	0.31	0.11%	0.5	0.07%	0.6	0.04%	0.69	0.27%	0.35	0.11%	0.5	0.07%	0.6
422	0.08%	0.6	0.00%	0.99	0.03%	0.7	0.22%	0.4	0.26%	0.35	0.44%	0.24	1.41%	0.03	0.51%	0.2
423	0.24%	0.3	0.04%	0.69	0.15%	0.5	0.00%	1	0.00%	1	0.00%	0.94	0.08%	0.6	0.00%	1
424	0.16%	0.4	0.33%	0.27	0.04%	0.7	0.07%	0.6	0.20%	0.42	1.12%	0.094	0.16%	0.5	0.01%	0.8
425	0.87%	0.07	0.26%	0.33	0.02%	0.8	0.33%	0.3	0.15%	0.47	0.03%	0.75	0.07%	0.6	0.01%	0.9
426	0.00%	1	0.45%	0.18	0.09%	0.6	0.18%	0.4	0.30%	0.29	0.00%	0.96	1.74%	0.02	0.45%	0.3
427	0.06%	0.6	0.57%	0.143	0.13%	0.5	0.01%	0.9	0.37%	0.25	0.01%	0.83	0.12%	0.5	0.00%	1
428	0.03%	0.8	0.34%	0.25	0.06%	0.7	0.28%	0.4	0.05%	0.67	0.97%	0.079	0.39%	0.3	0.46%	0.2
429	0.00%	0.9	0.44%	0.23	0.21%	0.4	0.00%	0.9	0.37%	0.29	0.19%	0.46	1.11%	0.05	0.08%	0.6
430	0.18%	0.3	0.04%	0.7	0.60%	0.2	0.03%	0.7	0.22%	0.38	0.70%	0.127	0.64%	0.14	0.00%	0.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
431	4	GRID2	rs12647297	93621516	106.47	0.21	0.664	C	0.13%	0.53	0.00%	1	0.03%	0.75	0.04%	0.72
432	4	GRID2	rs6811045	93622702	106.47	0.01	1.000	G	0.15%	0.56	0.03%	0.8	0.62%	0.089	0.12%	0.51
433	4	GRID2	rs6532372	93628760		0.00	1.000									
434	4	GRID2	rs7659338	93647438	106.47	0.27	0.468	T	0.00%	0.94	0.40%	0.3	0.01%	0.89	0.01%	0.87
435	4	GRID2	rs13435785	93658446	106.47	0.01	1.000	A	0.07%	0.61	0.00%	0.9	0.15%	0.44	0.22%	0.42
436	4	GRID2	rs4692973	93669372	106.47	0.25	0.848	T	1.58%	0.031	0.01%	0.9	0.23%	0.4	1.59%	0.022
437	4	GRID2	rs6815704	93693589	106.47	0.17	1.000	G	1.48%	0.038	0.02%	0.8	0.26%	0.37	0.31%	0.3
438	4	GRID2	rs1450500	93698298	106.47	0.38	0.648	G	0.43%	0.27	0.02%	0.8	0.01%	0.87	0.21%	0.4
439	4	GRID2	rs921354	93703741	106.47	0.38	0.757	T	1.44%	0.034	0.27%	0.4	0.21%	0.4	0.57%	0.15
440	4	GRID2	rs11934085	93734189	106.52	0.06	0.513	C	0.67%	0.18	0.08%	0.6	0.09%	0.61	0.04%	0.72
441	4	GRID2	rs7693534	93758663	106.60	0.32	0.239	T	0.61%	0.16	0.07%	0.6	0.03%	0.73	0.55%	0.16
442	4	GRID2	rs11734654	93788183	106.69	0.05	0.379	C	0.03%	0.74	0.00%	1	0.02%	0.81	0.22%	0.35
443	4	GRID2	rs1479332	93809842	106.76	0.04	1.000	A	0.99%	0.094	0.15%	0.5	0.10%	0.57	0.03%	0.78
444	4	GRID2	rs7692227	93828960	106.82	0.24	0.561	T	0.02%	0.81	0.01%	0.9	0.00%	0.91	0.33%	0.29
445	4	GRID2	rs10516911	93838020	106.83	0.08	0.317	A	0.00%	0.92	0.21%	0.4	0.02%	0.81	0.00%	0.93
446	4	GRID2	rs2870642	93850739	106.84	0.13	0.539	A	0.03%	0.79	0.00%	1	0.02%	0.79	0.10%	0.59
447	4	GRID2	rs1434786	93859480	106.84	0.08	0.604	G	0.01%	0.86	0.04%	0.8	0.04%	0.72	0.07%	0.64
448	4	GRID2	rs6532381	93872361	106.84	0.27	0.458	T	0.00%	1	0.15%	0.5	0.00%	0.93	0.28%	0.34
449	4	GRID2	rs10516914	93879690	106.85	0.34	0.142	G	0.01%	0.84	0.23%	0.5	0.29%	0.35	0.18%	0.45
450	4	GRID2	rs10516916	93879981	106.85	0.07	1.000	C	0.00%	0.92	0.10%	0.6	0.31%	0.31	0.07%	0.63
451	4	GRID2	rs11931529	93918392	106.86	0.07	1.000	T	0.16%	0.5	1.05%	0.1	0.67%	0.15	0.12%	0.53
452	4	GRID2	rs7671095	93926311	106.86	0.20	0.648	T	0.14%	0.53	0.02%	0.8	0.16%	0.48	0.24%	0.37
453	4	GRID2	rs1369169	93959432	106.87	0.47	0.311	G	0.10%	0.59	0.32%	0.4	0.40%	0.27	0.00%	1
454	4	GRID2	rs4235037	93973122	106.88	0.03	1.000	T	0.00%	0.91	0.07%	0.7	0.42%	0.25	0.25%	0.34
455	4	GRID2	rs13147599	94003309	106.89	0.04	0.249	A	0.43%	0.27	0.39%	0.4	0.14%	0.54	0.86%	0.103
456	4	GRID2	rs6818303	94041073	106.90	0.09	0.624	G	1.48%	0.039	0.36%	0.3	0.13%	0.52	0.00%	0.92
457	4	GRID2	rs1902436	94098316	106.92	0.05	1.000	T	0.13%	0.61	0.19%	0.5	0.17%	0.51	0.28%	0.34
458	4	GRID2	rs1378914	94117470	106.93	0.02	1.000	C	0.03%	0.75	0.84%	0.2	0.50%	0.21	1.33%	0.037
459	4	GRID2	rs729545	94120351	106.93	0.01	1.000	C	0.02%	0.84	0.31%	0.5	0.04%	0.74	0.42%	0.3
460	4	GRID2	rs12498874	94128750	106.93	0.09	0.370	T	0.06%	0.69	0.60%	0.3	0.25%	0.41	0.04%	0.74
461	4	GRID2	rs13142489	94135377	106.94	0.06	1.000	G	0.80%	0.132	1.49%	0.06	0.14%	0.52	0.08%	0.63
462	4	GRID2	rs1039938	94137366	106.94	0.36	0.639	C	0.00%	0.95	2.57%	0.013	0.08%	0.61	0.11%	0.54
463	4	GRID2	rs11945434	94159989	106.95	0.07	1.000	G	0.07%	0.65	0.03%	0.8	0.24%	0.38	0.13%	0.5

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
431	0.00%	1	0.18%	0.41	0.28%	0.3	0.02%	0.8	0.26%	0.35	0.05%	0.69	0.00%	1	2.76%	0.009
432	0.09%	0.6	0.24%	0.32	0.01%	0.8	0.10%	0.5	0.06%	0.6	1.74%	0.0064	0.57%	0.14	0.04%	0.7
433																
434	0.11%	0.6	0.14%	0.47	0.28%	0.3	0.09%	0.6	0.28%	0.32	0.02%	0.8	0.06%	0.6	0.40%	0.2
435	0.63%	0.12	0.00%	0.97	0.01%	0.9	0.11%	0.5	0.01%	0.89	0.41%	0.39	0.61%	0.2	0.02%	0.8
436	1.70%	0.009	0.19%	0.41	0.22%	0.4	0.01%	0.8	0.70%	0.132	0.62%	0.17	0.27%	0.3	0.06%	0.7
437	0.82%	0.08	0.01%	0.86	0.00%	0.9	0.07%	0.6	0.05%	0.68	0.00%	0.92	0.02%	0.7	0.40%	0.2
438	0.29%	0.3	0.15%	0.47	0.14%	0.5	0.01%	0.9	0.17%	0.46	0.86%	0.104	0.54%	0.2	0.01%	0.8
439	0.99%	0.05	0.55%	0.148	0.01%	0.9	0.02%	0.8	0.26%	0.34	0.36%	0.29	0.01%	0.8	0.05%	0.7
440	0.00%	1	0.17%	0.43	0.04%	0.7	0.09%	0.6	0.30%	0.33	0.01%	0.89	0.23%	0.4	0.02%	0.8
441	0.38%	0.2	0.35%	0.24	0.16%	0.4	0.02%	0.8	0.05%	0.66	0.15%	0.48	1.51%	0.02	0.04%	0.7
442	0.01%	0.8	0.57%	0.114	0.04%	0.7	0.00%	1	0.01%	0.84	0.14%	0.52	0.51%	0.2	0.35%	0.3
443	0.16%	0.4	0.08%	0.6	0.00%	1	0.02%	0.8	0.02%	0.82	0.00%	0.91	0.15%	0.5	0.35%	0.3
444	0.05%	0.7	0.42%	0.21	0.01%	0.8	0.05%	0.7	0.00%	0.9	0.22%	0.41	0.18%	0.4	0.18%	0.4
445	0.27%	0.3	0.24%	0.34	0.10%	0.6	0.08%	0.6	0.14%	0.51	0.01%	0.9	0.29%	0.3	0.25%	0.4
446	0.01%	0.9	0.39%	0.25	0.01%	0.9	0.10%	0.6	0.01%	0.83	0.01%	0.85	0.48%	0.2	0.01%	0.9
447	0.01%	0.9	0.35%	0.28	0.09%	0.6	0.01%	0.8	0.03%	0.77	0.00%	0.95	0.46%	0.2	0.02%	0.8
448	0.01%	0.9	0.06%	0.64	0.03%	0.8	0.06%	0.7	0.03%	0.78	0.31%	0.34	0.37%	0.3	0.00%	0.9
449	0.07%	0.6	0.07%	0.62	0.00%	0.9	0.36%	0.3	0.07%	0.63	0.34%	0.32	0.20%	0.4	0.05%	0.7
450	0.03%	0.7	0.00%	0.97	0.06%	0.6	0.18%	0.4	0.13%	0.5	0.23%	0.41	1.31%	0.03	0.00%	0.9
451	1.32%	0.04	0.09%	0.59	0.27%	0.3	0.78%	0.11	1.65%	0.025	0.01%	0.84	0.39%	0.3	0.03%	0.8
452	0.19%	0.4	0.21%	0.38	0.00%	0.9	0.10%	0.6	0.00%	1	0.04%	0.72	0.63%	0.14	0.03%	0.8
453	0.03%	0.7	0.01%	0.87	0.00%	1	0.06%	0.7	0.36%	0.29	0.32%	0.34	0.72%	0.13	0.01%	0.9
454	0.26%	0.3	0.45%	0.18	0.18%	0.4	0.33%	0.3	0.01%	0.87	0.00%	0.97	0.00%	1	0.05%	0.7
455	0.27%	0.3	0.02%	0.77	0.33%	0.3	0.29%	0.3	0.37%	0.28	0.03%	0.79	0.00%	1	0.40%	0.3
456	0.13%	0.5	0.72%	0.114	0.21%	0.4	0.45%	0.2	1.31%	0.053	1.01%	0.093	0.00%	1	0.00%	1
457	0.42%	0.3	0.64%	0.16	0.33%	0.3	0.08%	0.6	0.68%	0.19	0.00%	0.97	0.16%	0.5	0.16%	0.5
458	0.36%	0.3	0.30%	0.31	0.49%	0.2	0.68%	0.14	0.09%	0.59	0.07%	0.66	0.06%	0.7	0.31%	0.3
459	0.04%	0.7	0.01%	0.9	0.10%	0.6	0.98%	0.12	0.01%	0.86	0.27%	0.43	0.00%	1	0.00%	1
460	0.00%	1	0.42%	0.26	0.04%	0.7	0.02%	0.8	0.01%	0.89	0.57%	0.24	0.31%	0.3	0.12%	0.6
461	0.98%	0.06	0.24%	0.38	0.06%	0.7	0.02%	0.8	0.14%	0.52	0.05%	0.71	0.05%	0.7	0.07%	0.6
462	0.21%	0.4	0.40%	0.24	0.24%	0.4	0.59%	0.2	0.72%	0.135	1.31%	0.051	0.21%	0.4	0.04%	0.7
463	0.01%	0.9	0.70%	0.115	0.03%	0.8	0.32%	0.3	0.59%	0.17	0.74%	0.128	0.00%	0.9	0.02%	0.8

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
464	4	GRID2	rs1912718	94208915	106.96	0.38	0.439	A	1.13%	0.077	3.00%	0.008	0.60%	0.18	0.84%	0.103
465	4	GRID2	rs12506519	94233179	106.97	0.35	0.340	A	0.12%	0.55	1.29%	0.09	0.15%	0.5	0.07%	0.65
466	4	GRID2	rs10021148	94257587	106.98	0.40	0.880	C	0.77%	0.13	0.95%	0.13	0.06%	0.68	0.87%	0.089
467	4	GRID2	rs1354296	94294286	106.99	0.43	0.768	G	0.36%	0.3	0.68%	0.2	0.00%	0.94	0.09%	0.59
468	4	GRID2	rs1155646	94339397	107.01	0.44	0.142	C	0.20%	0.42	2.98%	0.004	0.16%	0.45	0.84%	0.08
469	4	GRID2	rs1875705	94361522	107.02	0.49	0.110	C	0.38%	0.31	3.52%	0.003	0.06%	0.66	0.20%	0.42
470	4	GRID2	rs7697616	94375370	107.02	0.13	0.752	A	0.00%	0.95	0.79%	0.13	0.19%	0.42	0.01%	0.89
471	4	GRID2	rs10516413	94425654	107.04	0.37	0.218	T	0.13%	0.53	0.82%	0.14	0.12%	0.51	0.05%	0.68
472	4	GRID2	rs4524351	94435453	107.04	0.32	0.507	C	0.31%	0.32	2.47%	0.008	0.05%	0.68	0.06%	0.65
473	4	GRID2	rs6854968	94452990	107.05	0.40	0.174	C	0.00%	0.94	0.22%	0.4	0.01%	0.83	0.01%	0.87
474	4	GRID2	rs3890316	94461921	107.05	0.29	0.479	G	1.53%	0.035	0.08%	0.6	0.35%	0.3	0.18%	0.46
475	4	GRID2	rs1433666	94471383	107.06	0.40	0.449	T	0.42%	0.24	0.11%	0.6	0.04%	0.71	0.17%	0.44
476	4	GRID2	rs2163959	94474279	107.06	0.16	1.000	G	0.01%	0.87	0.62%	0.2	0.03%	0.74	0.01%	0.89
477	4	GRID2	rs2870699	94492353	107.06	0.35	0.522	T	3.98%	0.00033	0.81%	0.13	0.06%	0.66	1.43%	0.023
478	4	GRID2	rs1583337	94502359	107.07	0.45	0.664	T	3.38%	0.00129	0.29%	0.4	0.25%	0.35	1.06%	0.053
479	4	GRID2	rs1948016	94531366	107.08	0.41	0.651	T	2.28%	0.0081	0.26%	0.4	0.00%	0.93	0.84%	0.092
480	4	GRID2	rs1485012	94542392	107.08	0.11	0.038	C	0.07%	0.65	0.70%	0.14	0.49%	0.18	0.04%	0.71
481	4	GRID2	rs1948017	94553839	107.09	0.13	1.000	A	0.18%	0.46	0.34%	0.3	0.43%	0.22	0.25%	0.34
482	4	GRID2	rs1905733	94554163	107.09	0.02	1.000	T	0.43%	0.3	0.46%	0.3	1.03%	0.097	0.18%	0.46
483	4	GRID2	rs10516921	94596757	107.10	0.02	1.000	T	0.00%	0.99	1.56%	0.05	0.47%	0.26	0.02%	0.83
484	4	GRID2	rs1485015	94609228	107.11	0.33	0.624	T	2.15%	0.0091	0.00%	0.9	0.06%	0.65	0.38%	0.25
485	4	GRID2	rs2200375	94610021	107.11	0.24	0.694	G	0.48%	0.22	0.01%	0.9	0.08%	0.61	0.13%	0.5
486	4	GRID2	rs4557232	94649460	107.12	0.24	0.006	A	0.53%	0.21	0.19%	0.5	0.22%	0.4	0.02%	0.78
487	4	GRID2	rs9307127	94653793	107.12	0.30	0.388	C	1.87%	0.016	0.00%	0.9	0.00%	0.93	0.81%	0.094
488	4	GRID2	rs4286488	94659049	107.12	0.21	0.283	A	1.89%	0.016	0.17%	0.5	0.51%	0.21	0.16%	0.46
489	4	GRID2	rs6841321	94663865	107.13	0.23	0.104	G	1.18%	0.054	1.32%	0.06	0.53%	0.19	0.03%	0.75
490	4	GRID2	rs1369465	94671971	107.13	0.24	0.230	T	0.47%	0.22	0.68%	0.2	1.02%	0.071	0.35%	0.27
491	4	GRID2	rs1369464	94681259	107.13	0.07	0.010	G	0.17%	0.48	0.50%	0.2	0.04%	0.71	0.03%	0.73
492	4	GRID2	rs9991666	94693931	107.14	0.43	0.883	C	0.07%	0.64	0.42%	0.3	0.67%	0.146	1.25%	0.04
493	4	GRID2	rs2196320	94722771	107.15	0.27	0.470	A	3.25%	0.0021	0.05%	0.7	0.00%	0.97	0.73%	0.12
494	4	GRID2	rs1435475	94747783	107.15	0.03	1.000	G	0.39%	0.36	0.94%	0.14	0.18%	0.51	0.17%	0.46
495	4	GRID2	rs10516926	94756177	107.16	0.22	0.835	G	1.54%	0.027	1.39%	0.05	0.31%	0.31	0.00%	1
496	4	GRID2	rs1435476	94759989	107.16	0.19	0.651	G	0.27%	0.39	0.73%	0.2	0.45%	0.24	0.82%	0.099

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
464	1.23%	0.04	0.96%	0.072	0.86%	0.1	0.13%	0.5	0.03%	0.75	1.97%	0.017	0.32%	0.3	0.15%	0.5
465	0.16%	0.5	0.59%	0.15	0.28%	0.3	0.63%	0.2	0.08%	0.61	0.61%	0.19	0.02%	0.8	0.02%	0.8
466	1.51%	0.02	1.04%	0.054	0.07%	0.6	0.36%	0.3	0.39%	0.27	0.84%	0.118	0.00%	0.9	0.12%	0.5
467	0.29%	0.3	0.80%	0.093	0.03%	0.8	0.78%	0.11	0.72%	0.134	0.86%	0.113	0.13%	0.5	0.02%	0.8
468	0.01%	0.9	0.45%	0.19	0.16%	0.5	0.23%	0.4	0.00%	0.94	0.80%	0.106	0.55%	0.2	0.06%	0.6
469	0.19%	0.4	0.90%	0.083	0.50%	0.2	0.04%	0.7	0.01%	0.88	2.30%	0.0104	0.12%	0.5	0.02%	0.8
470	0.22%	0.4	0.02%	0.77	0.11%	0.5	0.05%	0.6	0.00%	0.9	0.10%	0.57	0.03%	0.8	0.07%	0.6
471	0.06%	0.6	0.59%	0.137	0.28%	0.3	0.02%	0.8	0.04%	0.7	1.09%	0.066	0.26%	0.3	0.26%	0.3
472	0.03%	0.7	0.25%	0.33	0.68%	0.12	0.02%	0.8	0.14%	0.48	1.61%	0.024	0.20%	0.4	0.50%	0.2
473	0.00%	1	0.24%	0.35	0.46%	0.2	0.01%	0.9	0.27%	0.34	0.24%	0.38	0.12%	0.5	0.68%	0.12
474	1.70%	0.02	0.02%	0.79	0.93%	0.08	0.11%	0.6	0.03%	0.75	0.67%	0.17	0.00%	1	0.00%	0.9
475	0.05%	0.7	0.41%	0.21	0.23%	0.4	0.11%	0.5	0.14%	0.49	0.21%	0.41	0.03%	0.8	1.49%	0.02
476	0.31%	0.3	0.08%	0.58	0.14%	0.5	0.11%	0.5	0.02%	0.77	0.00%	0.98	0.16%	0.5	0.29%	0.3
477	0.94%	0.06	0.27%	0.31	0.93%	0.07	0.01%	0.8	0.15%	0.47	0.25%	0.38	0.00%	1	0.07%	0.6
478	0.98%	0.06	0.03%	0.72	0.58%	0.2	0.04%	0.7	0.04%	0.71	0.00%	0.92	0.04%	0.7	0.14%	0.5
479	0.59%	0.14	0.56%	0.15	0.04%	0.7	0.06%	0.6	0.22%	0.39	0.00%	0.96	0.03%	0.7	0.18%	0.4
480	0.00%	0.9	0.00%	0.89	0.03%	0.7	0.07%	0.6	0.01%	0.88	0.19%	0.42	0.24%	0.3	0.18%	0.4
481	1.33%	0.03	0.27%	0.31	0.52%	0.2	0.25%	0.3	0.31%	0.3	0.32%	0.32	0.02%	0.8	1.00%	0.06
482	0.03%	0.8	0.40%	0.26	0.00%	0.9	0.42%	0.3	0.13%	0.59	0.00%	0.95	0.33%	0.4	1.47%	0.06
483	0.03%	0.8	0.28%	0.34	0.05%	0.7	0.95%	0.07	0.28%	0.34	0.00%	0.97	0.14%	0.5	0.34%	0.3
484	0.16%	0.4	0.30%	0.29	0.01%	0.9	0.00%	1	0.02%	0.78	0.09%	0.59	0.08%	0.6	1.42%	0.03
485	0.19%	0.4	0.11%	0.53	0.12%	0.5	0.04%	0.7	0.19%	0.42	0.01%	0.89	0.00%	1	0.21%	0.4
486	0.57%	0.2	0.12%	0.51	0.01%	0.8	0.06%	0.6	0.27%	0.35	0.20%	0.43	1.81%	0.013	0.00%	0.9
487	0.79%	0.09	1.37%	0.024	0.76%	0.1	0.74%	0.1	0.39%	0.25	0.44%	0.23	0.02%	0.8	0.58%	0.2
488	0.60%	0.15	0.22%	0.38	0.72%	0.12	0.58%	0.2	0.89%	0.089	0.19%	0.45	1.63%	0.02	0.17%	0.4
489	0.36%	0.2	0.10%	0.54	0.30%	0.3	0.09%	0.6	0.01%	0.83	0.00%	0.98	0.18%	0.4	0.00%	1
490	0.22%	0.4	0.37%	0.25	0.58%	0.2	0.71%	0.11	0.52%	0.19	0.10%	0.58	0.87%	0.09	0.09%	0.6
491	0.65%	0.11	0.17%	0.42	0.62%	0.12	0.08%	0.6	0.15%	0.47	0.00%	0.91	0.42%	0.2	0.19%	0.4
492	0.00%	0.9	0.79%	0.092	0.11%	0.5	0.24%	0.4	0.23%	0.38	0.01%	0.84	0.16%	0.5	0.11%	0.5
493	1.17%	0.04	0.66%	0.128	1.29%	0.03	0.16%	0.5	0.38%	0.27	0.03%	0.77	0.14%	0.5	0.55%	0.2
494	0.40%	0.2	0.35%	0.29	0.03%	0.8	0.01%	0.8	0.32%	0.33	0.63%	0.17	0.03%	0.7	0.13%	0.5
495	1.19%	0.03	0.00%	0.9	0.58%	0.15	0.02%	0.8	0.12%	0.52	0.00%	0.92	0.12%	0.5	0.07%	0.6
496	0.09%	0.6	0.01%	0.84	0.16%	0.5	0.01%	0.8	1.16%	0.057	0.02%	0.79	0.37%	0.3	0.01%	0.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
497	4	GRID2	rs1435477	94762390	107.16	0.44	0.466	A	0.00%	0.91	3.82%	0.0015	0.31%	0.32	0.12%	0.52
498	4	GRID2	rs10516930	94776709	107.17	0.30	1.000	C	0.25%	0.38	1.84%	0.03	0.02%	0.81	0.18%	0.43
499	4	GRID2	rs10516931	94778088	107.17	0.10	0.225	A	0.69%	0.14	1.18%	0.1	0.27%	0.34	0.43%	0.23
500	4	GRID2	rs10516933	94789431	107.17	0.21	0.666	G	0.16%	0.48	1.24%	0.07	0.11%	0.54	0.13%	0.49
501	4	GRID2	rs10516940	94813222	107.18	0.35	0.340	C	0.75%	0.117	0.04%	0.7	0.04%	0.7	0.04%	0.68
502	4	GRID2	rs11946557	94816124	107.18	0.01	1.000	G	0.47%	0.36	1.22%	0.14	1.19%	0.113	0.09%	0.58
503	4	GRID2	rs2196321	94832181	107.18	0.48	0.884	A	0.56%	0.19	0.01%	0.9	0.13%	0.51	0.12%	0.52
504	4	GRID2	rs10516941	94842434	107.19	0.04	1.000	A	0.18%	0.45	0.03%	0.8	0.84%	0.069	0.33%	0.27
505	4	GRID2	rs6850113	94853325	107.19	0.31	0.493	C	0.24%	0.4	0.16%	0.5	0.03%	0.77	0.01%	0.88
506	4	GRID2	rs1439543	94857136	107.19	0.12	0.138	T	0.33%	0.32	1.09%	0.09	0.60%	0.16	0.33%	0.3
507	4	GRID2	rs4692990	94891726	107.21	0.19	0.640	A	0.23%	0.38	0.02%	0.8	0.70%	0.123	0.14%	0.47
508	4	GRID2	rs10516943	94894653	107.21	0.04	0.278	G	0.18%	0.48	0.27%	0.4	0.34%	0.28	0.13%	0.48
509	4	GRID2	rs7662498	94896866	107.21	0.07	1.000	G	0.05%	0.72	0.10%	0.6	0.30%	0.35	1.09%	0.069
510	4	GRID2	rs13101891	94899563	107.21	0.20	0.366	T	0.62%	0.18	0.27%	0.4	0.00%	0.98	0.20%	0.41
511	5	SLC6A3	rs40184	1448077	1.68	0.48	0.312	A	0.02%	0.81	0.01%	0.9	0.02%	0.78	0.68%	0.133
512	5	SLC6A3	rs11564773	1449813	1.68	0.10	0.406	A	0.00%	0.92	0.32%	0.4	0.26%	0.37	0.42%	0.26
513	5	SLC6A3	rs6869645	1457548	1.71	0.07	0.092	C	0.02%	0.82	0.32%	0.3	0.06%	0.67	0.21%	0.42
514	5	SLC6A3	rs2550936	1464256	1.74	0.26	0.359	A	0.21%	0.44	0.26%	0.4	0.03%	0.74	0.25%	0.36
515	5	SLC6A3	rs6347	1464412	1.74	0.23	0.681	A	0.03%	0.76	1.68%	0.04	0.00%	0.92	0.08%	0.61
516	5	SLC6A3	rs11564758	1473588	1.78	0.35	0.200	G	0.07%	0.62	0.25%	0.4	0.26%	0.32	1.28%	0.028
517	5	SLC6A3	rs463379	1484164	1.82	0.21	1.000	C	0.21%	0.42	0.10%	0.6	0.09%	0.59	0.00%	1
518	5	SLC6A3	rs403636	1491354	1.85	0.21	0.674	G	0.36%	0.31	1.04%	0.09	0.35%	0.3	0.92%	0.078
519	5	SLC6A3	rs6350	1496199	1.87	0.05	0.441	C	0.02%	0.82	0.05%	0.7	0.00%	0.92	0.17%	0.44
520	5	SLC6A3	rs2963238	1497427	1.87	0.43	0.556	C	0.02%	0.78	0.42%	0.3	0.03%	0.77	0.08%	0.59
521	5	HTR1A	rs1423691	63287418	75.40	0.46	0.385	C	0.84%	0.105	0.43%	0.3	0.53%	0.18	0.00%	0.92
522	5	NEUROG1	rs2344485	134896540	147.93	0.08	0.081	G	0.04%	0.71	0.03%	0.8	0.07%	0.63	1.05%	0.053
523	5	NEUROG1	rs2344484	134904530	147.93	0.41	0.097	T	0.06%	0.65	0.10%	0.6	0.32%	0.31	0.32%	0.29
524	5	HTR4	rs1985524	147827981	160.50	0.46	0.561	C	0.05%	0.7	0.00%	1	0.24%	0.39	0.00%	0.91
525	5	HTR4	rs10062444	147834255	160.50	0.06	1.000	A	0.31%	0.36	0.05%	0.7	0.05%	0.7	0.24%	0.4
526	5	HTR4	rs2005953	147847332	160.50	0.40	0.548	G	0.00%	0.96	0.68%	0.2	0.34%	0.32	0.33%	0.31
527	5	HTR4	rs6865878	147891909	160.50	0.01	1.000	G	0.22%	0.39	0.23%	0.5	0.06%	0.66	0.46%	0.2
528	5	HTR4	rs1432917	147901079	160.50	0.07	1.000	T	0.16%	0.52	0.00%	1	0.01%	0.85	0.00%	1
529	5	HTR4	rs2278392	147908418	160.50	0.11	0.455	G	0.55%	0.21	0.56%	0.2	0.01%	0.87	0.02%	0.77

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
497	0.33%	0.3	0.00%	0.98	0.23%	0.4	0.18%	0.4	0.00%	0.95	0.16%	0.49	0.15%	0.5	0.40%	0.2
498	0.03%	0.7	0.02%	0.81	0.98%	0.06	0.04%	0.7	0.00%	0.99	0.31%	0.32	0.59%	0.2	0.87%	0.08
499	0.60%	0.14	0.57%	0.149	0.09%	0.6	0.15%	0.5	0.00%	0.9	0.47%	0.23	1.34%	0.03	0.45%	0.2
500	0.97%	0.05	0.01%	0.83	0.40%	0.2	0.38%	0.2	0.14%	0.5	0.02%	0.81	0.33%	0.3	0.03%	0.7
501	0.39%	0.2	0.32%	0.26	0.35%	0.3	0.19%	0.4	0.82%	0.084	0.28%	0.32	1.93%	0.008	0.18%	0.4
502	0.00%	1	0.74%	0.119	0.12%	0.5	0.03%	0.7	1.09%	0.04	0.15%	0.44	0.08%	0.6	0.08%	0.6
503	0.39%	0.2	0.30%	0.3	0.62%	0.2	0.47%	0.2	0.43%	0.23	0.64%	0.16	0.93%	0.08	0.03%	0.7
504	0.86%	0.07	0.55%	0.14	0.37%	0.2	0.00%	1	0.56%	0.144	0.04%	0.7	0.03%	0.7	0.03%	0.7
505	0.28%	0.3	0.34%	0.26	0.44%	0.2	0.82%	0.09	0.59%	0.16	0.10%	0.57	1.11%	0.05	0.00%	1
506	0.04%	0.7	0.39%	0.24	0.02%	0.8	0.19%	0.4	0.10%	0.56	0.33%	0.33	0.38%	0.3	0.14%	0.5
507	0.06%	0.6	0.01%	0.82	0.32%	0.3	0.42%	0.2	0.00%	0.89	0.20%	0.39	0.13%	0.5	0.08%	0.6
508	1.07%	0.04	0.27%	0.3	0.16%	0.4	0.21%	0.4	0.72%	0.107	0.07%	0.62	0.88%	0.07	0.04%	0.7
509	0.31%	0.3	0.04%	0.72	0.22%	0.4	0.04%	0.7	0.62%	0.19	0.00%	0.96	0.11%	0.6	0.04%	0.7
510	0.14%	0.5	0.03%	0.74	0.01%	0.9	0.11%	0.5	0.64%	0.15	0.59%	0.18	0.08%	0.6	0.00%	1
511	0.27%	0.3	0.03%	0.73	0.35%	0.3	0.01%	0.9	1.16%	0.051	0.01%	0.88	0.28%	0.3	0.12%	0.5
512	0.19%	0.4	0.06%	0.65	1.67%	0.02	2.12%	0.007	1.04%	0.066	1.77%	0.021	3.08%	0.0014	0.78%	0.11
513	0.01%	0.8	0.02%	0.8	0.78%	0.11	1.41%	0.02	0.18%	0.43	1.43%	0.037	2.72%	0.002	0.33%	0.3
514	0.18%	0.4	0.47%	0.19	0.13%	0.5	0.30%	0.3	0.17%	0.46	0.86%	0.112	0.02%	0.8	0.36%	0.3
515	0.08%	0.6	0.04%	0.71	0.04%	0.7	0.16%	0.5	0.14%	0.5	0.91%	0.099	0.76%	0.11	0.18%	0.4
516	1.18%	0.03	0.41%	0.19	0.00%	0.9	1.69%	0.01	0.02%	0.78	2.80%	0.0019	0.74%	0.09	1.26%	0.03
517	0.02%	0.8	0.04%	0.69	0.27%	0.3	0.09%	0.6	0.26%	0.34	0.16%	0.47	0.64%	0.13	0.01%	0.9
518	0.02%	0.8	0.18%	0.42	0.17%	0.4	0.92%	0.08	0.14%	0.51	0.45%	0.24	0.25%	0.4	0.26%	0.4
519	0.16%	0.4	0.35%	0.27	0.04%	0.7	0.75%	0.09	0.43%	0.21	0.29%	0.31	0.02%	0.8	0.43%	0.2
520	0.01%	0.9	0.00%	1	0.40%	0.2	1.02%	0.06	0.19%	0.43	0.04%	0.74	0.79%	0.11	0.20%	0.4
521	0.32%	0.3	2.18%	0.0043	0.03%	0.7	0.01%	0.8	0.00%	0.9	0.12%	0.55	0.01%	0.8	0.45%	0.2
522	0.04%	0.7	0.14%	0.47	0.16%	0.4	0.01%	0.8	0.03%	0.74	0.33%	0.28	0.02%	0.8	0.08%	0.6
523	0.30%	0.3	0.13%	0.48	0.11%	0.5	0.00%	0.9	0.27%	0.33	0.30%	0.33	0.18%	0.4	0.07%	0.6
524	0.61%	0.14	0.00%	0.98	0.57%	0.2	1.46%	0.03	0.32%	0.31	0.23%	0.41	0.24%	0.4	0.04%	0.7
525	0.14%	0.5	0.06%	0.66	0.00%	1	0.09%	0.6	0.00%	0.99	0.02%	0.83	0.20%	0.4	0.30%	0.3
526	0.42%	0.2	0.30%	0.32	0.04%	0.7	0.00%	0.9	0.05%	0.68	0.10%	0.59	2.94%	0.0006	0.88%	0.08
527	0.65%	0.13	0.14%	0.47	0.02%	0.8	0.00%	0.9	0.60%	0.139	0.22%	0.38	0.02%	0.8	0.12%	0.5
528	0.02%	0.8	0.13%	0.5	0.45%	0.2	0.54%	0.2	0.28%	0.32	0.10%	0.57	0.35%	0.3	0.24%	0.3
529	0.26%	0.3	0.13%	0.5	0.30%	0.3	0.63%	0.14	0.09%	0.58	0.58%	0.17	0.63%	0.2	0.41%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
530	5	HTR4	rs7731872	147927154		0.00	1.000									
531	5	HTR4	rs4599527	147932732	160.50	0.15	0.264	T	0.41%	0.28	0.03%	0.8	0.02%	0.82	0.11%	0.55
532	5	HTR4	rs4489051	147934678	160.50	0.03	1.000	A	0.35%	0.32	0.11%	0.6	0.06%	0.67	0.24%	0.36
533	5	HTR4	rs1833710	147947939	160.50	0.14	1.000	T	0.01%	0.86	0.00%	1	0.01%	0.86	0.06%	0.64
534	5	HTR4	rs4280857	147952812	160.50	0.03	0.139	G	0.48%	0.19	0.15%	0.6	0.73%	0.098	0.54%	0.18
535	5	HTR4	rs7711800	147963048	160.50	0.50	1.000	C	0.76%	0.139	0.14%	0.5	0.51%	0.21	0.02%	0.81
536	5	HTR4	rs1011427	147968170	160.50	0.10	0.645	C	0.08%	0.66	0.00%	1	0.11%	0.54	0.14%	0.5
537	5	HTR4	rs2068190	147987206	160.50	0.45	0.078	C	0.11%	0.6	0.02%	0.8	0.88%	0.105	0.04%	0.73
538	5	CAMK2A	rs2241695	149583017	164.06	0.45	0.241	T	0.15%	0.51	0.21%	0.5	0.04%	0.72	0.37%	0.28
539	5	CAMK2A	rs919741	149591881	164.07	0.22	0.835	G	0.93%	0.107	0.10%	0.6	0.01%	0.87	1.87%	0.018
540	5	CAMK2A	rs3822607	149591986	164.07	0.39	0.759	T	0.46%	0.24	0.00%	1	0.05%	0.7	0.20%	0.42
541	5	CAMK2A	rs3776825	149600864	164.09	0.27	0.145	C	0.88%	0.106	0.15%	0.5	0.03%	0.78	0.56%	0.18
542	5	CAMK2A	rs7701427	149613148	164.13	0.17	0.079	C	0.05%	0.71	0.05%	0.7	0.40%	0.27	0.68%	0.135
543	5	CAMK2A	rs2304042	149625000	164.17	0.24	0.544	G	0.00%	0.93	0.60%	0.2	0.24%	0.4	0.91%	0.093
544	5	CAMK2A	rs959059	149630732	164.19	0.08	1.000	G	1.77%	0.027	0.38%	0.3	0.01%	0.87	0.05%	0.68
545	5	CAMK2A	rs874084	149631023	164.19	0.22	0.531	C	0.48%	0.24	0.00%	1	0.26%	0.37	0.03%	0.74
546	5	CAMK2A	rs3797616	149633197		0.00	1.000									
547	5	CAMK2A	rs10515639	149636619	164.21	0.23	0.105	C	0.73%	0.144	0.18%	0.5	0.07%	0.65	0.00%	0.95
548	5	CAMK2A	rs1432833	149641346	164.23	0.26	0.038	A	0.72%	0.133	0.01%	0.9	0.09%	0.58	0.02%	0.79
549	5	CAMK2A	rs3806947	149651516	164.26	0.08	0.635	G	0.29%	0.32	0.25%	0.4	0.11%	0.55	0.85%	0.075
550	5	CAMK2A	rs1432832	149653734	164.27	0.47	0.308	C	3.97%	0.00081	0.62%	0.2	0.05%	0.69	0.20%	0.42
551	5	GABRB2	rs592403	160652562	176.57	0.42	0.765	T	0.00%	0.93	0.18%	0.5	0.12%	0.52	0.18%	0.43
552	5	GABRB2	rs3850733	160670895	176.58	0.10	0.232	C	0.09%	0.63	1.23%	0.08	0.08%	0.62	0.15%	0.49
553	5	GABRB2	rs153296	160673511	176.58	0.19	0.225	G	0.07%	0.64	0.27%	0.4	0.06%	0.67	0.63%	0.147
554	5	GABRB2	rs10515827	160687535	176.58	0.17	1.000	C	0.22%	0.4	1.10%	0.1	0.00%	0.99	0.01%	0.82
555	5	GABRB2	rs252942	160688459	176.58	0.32	0.623	A	0.01%	0.87	0.47%	0.3	0.09%	0.6	0.04%	0.73
556	5	GABRB2	rs187269	160689203	176.58	0.32	0.739	A	0.01%	0.87	0.50%	0.3	0.07%	0.64	0.04%	0.73
557	5	GABRB2	rs252944	160690915	176.58	0.13	0.342	C	0.11%	0.51	0.46%	0.3	0.04%	0.69	0.37%	0.25
558	5	GABRB2	rs194072	160691233	176.58	0.13	0.343	A	0.12%	0.51	0.47%	0.3	0.04%	0.69	0.37%	0.25
559	5	GABRB2	rs1816072	160692234	176.58	0.38	0.646	T	0.04%	0.74	0.87%	0.2	0.03%	0.74	0.00%	0.99
560	5	GABRB2	rs1816071	160692534	176.58	0.35	0.751	A	0.10%	0.6	0.17%	0.5	0.15%	0.51	0.01%	0.85
561	5	GABRB2	rs967771	160694752	176.58	0.21	0.265	G	0.22%	0.4	0.11%	0.6	0.65%	0.146	0.02%	0.79
562	5	GABRB2	rs2910298	160724310	176.61	0.13	0.752	T	1.08%	0.077	0.06%	0.7	0.11%	0.56	0.33%	0.3

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
530																
531	0.14%	0.5	0.19%	0.42	0.78%	0.1	0.33%	0.3	0.02%	0.79	0.27%	0.37	0.14%	0.5	0.50%	0.2
532	0.00%	1	0.28%	0.33	0.90%	0.05	0.53%	0.14	0.01%	0.86	0.35%	0.31	0.03%	0.7	0.01%	0.9
533	1.11%	0.04	0.12%	0.51	0.09%	0.6	0.01%	0.8	0.07%	0.62	0.00%	0.93	0.07%	0.6	0.04%	0.7
534	0.54%	0.2	0.00%	1	0.10%	0.6	0.00%	1	1.15%	0.051	0.35%	0.31	1.89%	0.012	0.36%	0.3
535	0.77%	0.11	1.44%	0.026	0.01%	0.9	0.02%	0.8	0.01%	0.84	0.35%	0.31	0.01%	0.9	0.09%	0.6
536	0.18%	0.4	0.00%	0.97	0.24%	0.4	0.89%	0.09	0.59%	0.18	0.11%	0.57	1.01%	0.07	0.21%	0.4
537	1.08%	0.05	1.21%	0.043	0.77%	0.12	1.60%	0.02	0.68%	0.15	0.03%	0.76	0.54%	0.2	0.09%	0.6
538	1.80%	0.013	0.04%	0.72	0.15%	0.5	0.21%	0.4	0.17%	0.47	0.13%	0.55	0.16%	0.5	0.01%	0.9
539	1.42%	0.03	0.03%	0.75	0.01%	0.9	0.08%	0.6	0.01%	0.87	0.29%	0.37	0.09%	0.6	0.12%	0.5
540	1.49%	0.02	0.02%	0.8	0.06%	0.6	0.00%	0.9	0.09%	0.58	0.44%	0.25	0.19%	0.4	0.01%	0.8
541	0.92%	0.07	0.28%	0.32	0.01%	0.8	0.04%	0.7	0.00%	0.94	0.02%	0.8	0.04%	0.7	0.06%	0.7
542	0.06%	0.6	0.32%	0.28	1.03%	0.05	0.67%	0.11	0.34%	0.28	0.03%	0.75	0.01%	0.9	0.02%	0.8
543	3.45%	0.0006	0.41%	0.24	0.31%	0.3	0.84%	0.1	0.48%	0.23	0.21%	0.44	0.24%	0.4	0.02%	0.8
544	0.00%	1	0.01%	0.84	0.25%	0.3	0.01%	0.8	0.19%	0.44	0.05%	0.68	0.42%	0.2	0.01%	0.9
545	0.05%	0.7	0.06%	0.65	0.14%	0.5	0.46%	0.2	0.00%	0.97	0.03%	0.76	0.72%	0.12	0.06%	0.7
546																
547	0.00%	0.9	0.02%	0.81	0.26%	0.3	0.30%	0.3	0.22%	0.38	0.02%	0.79	0.00%	0.9	0.40%	0.2
548	0.34%	0.2	0.08%	0.57	0.60%	0.13	0.01%	0.8	0.04%	0.71	0.07%	0.65	0.00%	0.9	0.20%	0.4
549	0.20%	0.4	0.01%	0.88	0.10%	0.6	1.15%	0.05	0.00%	0.92	0.12%	0.57	0.24%	0.4	0.29%	0.3
550	0.04%	0.7	0.14%	0.48	0.00%	1	0.10%	0.6	0.05%	0.7	0.12%	0.56	0.06%	0.6	0.75%	0.11
551	0.05%	0.7	0.16%	0.44	0.03%	0.8	0.11%	0.5	0.00%	1	0.12%	0.54	0.06%	0.7	0.29%	0.3
552	0.20%	0.4	0.09%	0.57	0.40%	0.3	0.04%	0.7	0.09%	0.6	0.01%	0.86	0.01%	0.8	0.02%	0.8
553	0.49%	0.2	0.00%	0.97	0.07%	0.6	0.00%	1	0.28%	0.33	0.09%	0.6	0.19%	0.4	0.01%	0.8
554	0.22%	0.4	0.09%	0.57	0.16%	0.5	0.18%	0.4	0.79%	0.107	0.22%	0.42	0.02%	0.8	0.06%	0.7
555	0.36%	0.3	0.49%	0.21	0.58%	0.2	0.01%	0.8	0.09%	0.6	0.01%	0.88	0.01%	0.8	0.26%	0.4
556	0.40%	0.3	0.51%	0.2	0.60%	0.2	0.02%	0.8	0.13%	0.54	0.01%	0.87	0.01%	0.9	0.25%	0.4
557	0.05%	0.7	0.25%	0.32	0.01%	0.8	0.02%	0.8	0.03%	0.74	0.23%	0.38	0.23%	0.3	0.23%	0.3
558	0.05%	0.7	0.26%	0.32	0.01%	0.8	0.02%	0.8	0.03%	0.72	0.24%	0.38	0.24%	0.3	0.23%	0.3
559	0.20%	0.4	0.98%	0.068	0.27%	0.3	0.07%	0.6	0.11%	0.57	0.07%	0.65	0.09%	0.6	0.42%	0.2
560	0.46%	0.2	1.32%	0.039	0.44%	0.2	0.06%	0.7	0.05%	0.72	0.10%	0.61	0.13%	0.5	0.55%	0.2
561	0.41%	0.2	0.21%	0.38	0.00%	1	0.00%	1	0.11%	0.56	0.01%	0.85	0.30%	0.3	0.38%	0.3
562	0.87%	0.09	1.45%	0.026	2.24%	0.007	0.44%	0.2	1.25%	0.048	0.23%	0.41	0.01%	0.8	0.43%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
563	5	GABRB2	rs1422951	160766838	176.64	0.28	0.723	A	0.44%	0.25	0.01%	0.9	0.02%	0.79	0.13%	0.51
564	5	GABRB2	rs10043074	160780542	176.65	0.13	0.745	T	0.10%	0.57	0.07%	0.7	0.02%	0.8	0.10%	0.54
565	5	GABRB2	rs4498288	160807099	176.67	0.02	1.000	A	0.05%	0.69	0.07%	0.7	0.04%	0.7	0.04%	0.7
566	5	GABRB2	rs2962420	160822562	176.69	0.37	1.000	A	0.08%	0.62	0.01%	0.9	0.00%	0.99	0.04%	0.71
567	5	GABRB2	rs7724146	160827209	176.69	0.17	0.794	T	0.07%	0.66	0.04%	0.8	0.00%	0.91	0.51%	0.21
568	5	GABRB2	rs2962406	160842679	176.70	0.26	1.000	T	0.15%	0.5	0.14%	0.6	0.00%	0.9	0.02%	0.81
569	5	GABRB2	rs2962402	160870827	176.73	0.02	1.000	G	0.28%	0.34	0.02%	0.8	0.57%	0.16	0.00%	0.98
570	5	GABRB2	rs6882041	160874978	176.73	0.28	0.220	T	1.37%	0.042	0.11%	0.6	0.00%	0.94	0.03%	0.74
571	5	DRD1	rs5326	174802802	207.23	0.18	0.335	G	0.22%	0.44	0.06%	0.7	0.13%	0.54	0.13%	0.52
572	6	MUTED	rs9379157	7993105	19.48	0.06	0.471	T	0.05%	0.71	0.05%	0.7	0.18%	0.44	0.17%	0.45
573	6	MUTED	rs2294435	8002919	19.48	0.16	0.791	A	0.03%	0.78	0.00%	0.9	0.00%	0.97	0.28%	0.32
574	6	MUTED	rs2815155	8010229	19.48	0.50	0.247	T	0.00%	0.96	0.11%	0.6	0.17%	0.45	0.26%	0.34
575	6	MUTED	rs2326975	8014321	19.48	0.07	1.000	T	0.28%	0.37	0.45%	0.3	0.02%	0.82	0.04%	0.73
576	6	DTNBP1	rs1047631	15631080	34.22	0.14	0.554	A	0.03%	0.77	0.02%	0.8	0.00%	0.96	0.52%	0.2
577	6	DTNBP1	rs742106	15632459	34.22	0.34	0.203	G	0.01%	0.87	0.08%	0.7	0.46%	0.21	0.01%	0.89
578	6	DTNBP1	rs875462	15646415	34.22	0.24	0.560	T	0.15%	0.49	0.17%	0.5	0.12%	0.54	0.17%	0.46
579	6	DTNBP1	rs1040410	15655455	34.22	0.08	0.348	C	0.44%	0.29	0.50%	0.3	0.61%	0.16	0.39%	0.25
580	6	DTNBP1	rs7771339	15677985	34.22	0.05	0.380	G	0.16%	0.49	0.04%	0.7	0.04%	0.71	0.06%	0.65
581	6	DTNBP1	rs760666	15697100	34.22	0.23	0.842	C	0.19%	0.43	0.35%	0.3	0.21%	0.41	0.25%	0.35
582	6	DTNBP1	rs2619539	15728834	34.22	0.44	0.180	G	0.19%	0.45	0.02%	0.8	1.77%	0.014	0.67%	0.122
583	6	DTNBP1	rs3213207	15736081	34.22	0.06	0.100	A	0.29%	0.31	0.89%	0.15	0.15%	0.43	0.93%	0.048
584	6	DTNBP1	rs1011313	15741411	34.22	0.11	0.225	G	0.08%	0.63	0.03%	0.8	0.14%	0.45	0.00%	0.91
585	6	DTNBP1	rs6459409	15744832	34.22	0.17	1.000	T	0.20%	0.43	0.22%	0.4	0.96%	0.083	0.64%	0.135
586	6	DTNBP1	rs2619528	15757808	34.22	0.15	0.257	G	0.53%	0.2	0.57%	0.2	0.65%	0.134	1.11%	0.048
587	6	DTNBP1	rs2619522	15761628	34.22	0.15	0.257	T	0.44%	0.24	0.01%	0.9	0.64%	0.132	1.09%	0.048
588	6	DTNBP1	rs1018381	15765049	34.22	0.08	0.358	C	0.36%	0.34	0.04%	0.7	0.37%	0.28	0.15%	0.49
589	6	DTNBP1	rs1474605	15766191	34.22	0.15	0.388	A	0.45%	0.24	0.04%	0.7	0.69%	0.12	1.21%	0.038
590	6	DTNBP1	rs1997679	15766884	34.22	0.32	0.867	C	0.02%	0.82	0.00%	0.9	0.00%	0.94	0.02%	0.78
591	6	DTNBP1	rs909706	15768850	34.22	0.38	0.536	G	0.36%	0.28	0.25%	0.4	0.74%	0.099	0.09%	0.56
592	6	DTNBP1	rs9476886	15769440	34.22	0.28	0.076	C	1.31%	0.049	0.12%	0.5	0.03%	0.75	0.06%	0.65
593	6	MOG	rs29234	29732091	49.94	0.06	0.507	T	0.61%	0.149	0.01%	0.9	0.17%	0.43	0.19%	0.41
594	6	MOG	rs2256266	29740297	49.94	0.17	0.034	C	0.70%	0.135	0.12%	0.6	0.88%	0.074	0.12%	0.5
595	6	MOG	rs2747419	29750173	49.94	0.04	1.000	G	0.04%	0.73	0.06%	0.7	0.01%	0.89	0.00%	0.94

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
563	0.24%	0.3	0.73%	0.109	0.32%	0.3	0.17%	0.4	0.11%	0.55	0.00%	0.95	0.12%	0.5	0.41%	0.2
564	0.52%	0.2	0.02%	0.8	0.52%	0.2	0.02%	0.8	0.25%	0.36	0.37%	0.28	0.16%	0.5	0.00%	1
565	0.06%	0.6	0.46%	0.19	0.04%	0.7	0.08%	0.6	0.10%	0.55	0.01%	0.87	0.06%	0.6	0.04%	0.7
566	0.15%	0.4	1.00%	0.056	0.33%	0.3	0.05%	0.7	0.00%	0.91	0.19%	0.44	0.17%	0.4	0.77%	0.1
567	0.58%	0.2	0.04%	0.72	0.64%	0.14	0.02%	0.8	0.10%	0.57	0.01%	0.87	0.28%	0.3	0.15%	0.5
568	0.04%	0.7	1.31%	0.034	0.57%	0.2	0.02%	0.8	0.26%	0.36	0.02%	0.81	0.08%	0.6	0.38%	0.3
569	0.21%	0.4	0.05%	0.65	0.22%	0.4	0.01%	0.9	0.07%	0.62	0.04%	0.71	0.45%	0.2	0.74%	0.09
570	0.05%	0.7	0.52%	0.17	0.59%	0.15	0.09%	0.6	0.79%	0.102	0.69%	0.146	0.11%	0.5	0.23%	0.4
571	0.03%	0.8	0.46%	0.22	0.12%	0.5	0.02%	0.8	0.12%	0.56	0.04%	0.73	0.01%	0.9	0.39%	0.3
572	0.01%	0.8	0.00%	1	0.12%	0.5	0.18%	0.4	0.00%	0.95	0.20%	0.41	0.34%	0.3	0.16%	0.5
573	0.35%	0.2	0.01%	0.82	0.27%	0.3	0.82%	0.08	0.40%	0.24	0.00%	1	1.08%	0.04	0.01%	0.9
574	0.21%	0.4	0.05%	0.67	0.02%	0.8	0.35%	0.3	0.43%	0.23	0.38%	0.27	0.77%	0.1	0.14%	0.5
575	0.06%	0.7	0.05%	0.67	0.04%	0.7	0.03%	0.7	0.27%	0.33	0.28%	0.33	0.89%	0.07	0.47%	0.2
576	0.03%	0.8	0.00%	0.97	0.00%	0.9	0.26%	0.3	0.14%	0.52	0.04%	0.73	0.30%	0.3	0.00%	0.9
577	0.79%	0.1	1.02%	0.047	0.35%	0.2	0.01%	0.9	0.29%	0.31	0.51%	0.19	0.86%	0.08	0.37%	0.2
578	0.32%	0.3	0.08%	0.6	0.15%	0.5	0.00%	1	0.01%	0.89	0.90%	0.09	0.04%	0.7	0.03%	0.7
579	0.49%	0.2	0.06%	0.66	0.30%	0.3	0.74%	0.1	0.37%	0.26	0.16%	0.48	0.22%	0.4	0.23%	0.4
580	0.08%	0.6	0.44%	0.19	0.30%	0.3	0.28%	0.3	0.95%	0.063	0.00%	0.97	0.17%	0.4	0.03%	0.7
581	0.16%	0.4	0.07%	0.61	0.40%	0.2	0.81%	0.08	0.01%	0.89	0.80%	0.108	0.29%	0.3	0.26%	0.3
582	0.63%	0.12	0.30%	0.28	0.01%	0.9	0.00%	1	0.16%	0.45	0.05%	0.67	0.18%	0.4	0.00%	1
583	0.58%	0.14	0.32%	0.22	0.24%	0.4	1.22%	0.04	0.00%	0.93	0.00%	0.96	0.01%	0.8	0.01%	0.8
584	0.12%	0.5	0.16%	0.41	0.02%	0.8	0.13%	0.5	0.45%	0.19	0.48%	0.2	0.21%	0.4	0.02%	0.8
585	0.67%	0.09	0.06%	0.64	0.22%	0.3	0.00%	0.9	0.83%	0.095	0.69%	0.144	0.63%	0.15	0.59%	0.2
586	0.01%	0.8	0.01%	0.85	0.38%	0.2	0.03%	0.7	0.22%	0.36	0.00%	0.91	0.00%	1	0.01%	0.9
587	0.50%	0.2	0.04%	0.7	0.10%	0.5	0.57%	0.14	0.25%	0.33	0.01%	0.88	0.00%	1	0.00%	0.9
588	0.35%	0.3	0.07%	0.62	0.43%	0.2	0.02%	0.8	0.32%	0.3	0.00%	1	0.25%	0.3	0.18%	0.4
589	0.01%	0.9	0.04%	0.68	0.27%	0.3	0.00%	1	0.27%	0.31	0.00%	0.9	0.21%	0.4	0.12%	0.5
590	0.18%	0.4	0.02%	0.77	0.51%	0.2	0.03%	0.7	0.23%	0.37	0.67%	0.138	0.00%	1	0.00%	1
591	0.00%	0.9	0.05%	0.65	0.21%	0.4	0.02%	0.8	0.25%	0.33	0.06%	0.65	0.23%	0.4	0.00%	0.9
592	0.08%	0.6	0.21%	0.38	0.12%	0.5	0.86%	0.08	0.00%	0.91	0.18%	0.45	0.00%	0.9	0.00%	1
593	0.44%	0.2	0.00%	0.97	0.29%	0.3	0.21%	0.4	0.07%	0.62	0.13%	0.51	0.18%	0.4	0.18%	0.4
594	0.14%	0.5	0.70%	0.095	0.08%	0.6	0.23%	0.3	0.01%	0.87	0.34%	0.28	1.07%	0.05	0.04%	0.7
595	0.18%	0.4	0.30%	0.3	0.34%	0.3	0.00%	1	0.00%	0.96	0.10%	0.55	0.26%	0.3	0.16%	0.4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
596	6	NOTCH4	rs204991	32269344	50.82	0.17	0.622	T	0.04%	0.74	0.12%	0.6	0.00%	0.96	0.34%	0.29
597	6	NOTCH4	rs379464	32294326	50.82	0.06	0.509	C	0.82%	0.134	0.00%	1	0.49%	0.22	0.18%	0.43
598	6	NOTCH4	rs422951	32296361	50.82	0.38	0.444	A	0.02%	0.82	0.28%	1	0.05%	0.69	0.07%	0.61
599	6	NOTCH4	rs520692	32296618	50.82	0.29	0.372	A	0.00%	0.95	0.34%	0.3	0.08%	0.61	0.00%	0.96
600	6	NOTCH4	rs2071282	32296921		0.00	1.000									
601	6	NOTCH4	rs915894	32298368	50.82	0.34	0.873	A	0.12%	0.57	0.00%	0.9	1.11%	0.066	0.27%	0.34
602	6	NOTCH4	rs3134931	32298598	50.82	0.32	0.623	T	0.01%	0.86	0.04%	0.7	0.00%	0.95	0.63%	0.15
603	6	NOTCH4	rs532385	32303337	50.83	0.20	0.005	G	0.15%	0.47	0.06%	0.7	0.22%	0.37	0.00%	0.95
604	6	GRM4	rs7762948	34094069	53.09	0.07	0.179	C	0.03%	0.77	0.00%	0.9	1.14%	0.037	0.16%	0.43
605	6	GRM4	rs2229901	34098425	53.11	0.23	0.038	A	0.11%	0.54	0.11%	0.5	0.19%	0.4	0.30%	0.29
606	6	GRM4	rs2451383	34113047	53.19	0.30	0.380	A	0.19%	0.45	0.30%	0.4	0.03%	0.74	0.25%	0.37
607	6	GRM4	rs9469690	34120889	53.23	0.22	1.000	C	0.00%	1	0.09%	0.6	0.00%	0.92	0.06%	0.66
608	6	GRM4	rs3778068	34136383	53.31	0.37	0.640	G	0.17%	0.48	0.01%	0.9	0.46%	0.23	0.04%	0.72
609	6	GRM4	rs1906953	34144424	53.35	0.18	0.206	C	0.75%	0.149	0.05%	0.7	0.22%	0.39	0.02%	0.8
610	6	GRM4	rs1565364	34156504	53.35	0.26	0.850	C	0.96%	0.093	0.29%	0.4	0.06%	0.64	0.09%	0.57
611	6	GRM4	rs1873249	34161402	53.35	0.47	0.309	A	1.26%	0.048	0.01%	0.9	0.00%	0.92	0.00%	0.91
612	6	GRM4	rs874631	34170783	53.35	0.08	1.000	C	0.21%	0.45	0.70%	0.2	0.09%	0.6	1.19%	0.045
613	6	GRM4	rs2499713	34171329	53.35	0.03	1.000	C	0.48%	0.2	0.04%	0.7	0.29%	0.31	0.66%	0.116
614	6	GRM4	rs733457	34176386	53.35	0.39	0.281	T	0.00%	0.95	0.87%	0.14	0.51%	0.18	0.22%	0.38
615	6	GRM4	rs747373	34188002	53.35	0.04	0.220	G	0.07%	0.65	2.03%	0.03	0.00%	0.95	0.11%	0.52
616	6	GRM4	rs2499722	34191437	53.35	0.44	0.553	T	0.32%	0.33	0.27%	0.4	0.22%	0.41	0.00%	0.93
617	6	GRM4	rs937031	34193665	53.35	0.04	0.220	C	0.30%	0.37	0.21%	0.5	0.06%	0.66	1.58%	0.029
618	6	HTR1B	rs6296	78228979	97.84	0.24	0.842	G	1.96%	0.015	0.06%	0.7	1.33%	0.035	0.26%	0.36
619	6	TAAR6	rs8192624	132933946	149.17	0.07	0.604	G	0.78%	0.139	0.25%	0.4	0.66%	0.15	3.22%	0.00106
620	6	TAAR6	rs8192625	132934025	149.17	0.07	0.604	G	0.15%	0.52	0.24%	0.4	0.15%	0.48	1.22%	0.041
621	6	TAAR6	rs7772821	132934199	149.17	0.21	0.003	T	0.18%	0.45	0.01%	0.9	0.03%	0.73	0.33%	0.27
622	6	TAAR6	rs4305745	132935405	149.17	0.49	0.247	G	0.02%	0.82	0.02%	0.8	0.01%	0.87	0.04%	0.71
623	6	TAAR6	rs6903874	132938603	149.17	0.21	0.825	T	1.12%	0.084	0.51%	0.3	0.01%	0.86	0.05%	0.69
624	6	GRM1	rs12216492	146418311	164.41	0.08	0.616	T	0.00%	0.95	1.23%	0.07	0.15%	0.49	0.07%	0.61
625	6	GRM1	rs4896857	146488865	164.41	0.09	0.672	A	0.03%	0.78	0.01%	0.8	0.13%	0.51	0.03%	0.75
626	6	GRM1	rs4607452	146529796	164.41	0.15	0.167	G	0.00%	0.99	0.01%	0.9	0.21%	0.37	0.05%	0.65
627	6	GRM1	rs4895691	146564647	164.41	0.04	0.189	G	0.42%	0.26	0.17%	0.4	0.36%	0.26	0.02%	0.79
628	6	GRM1	rs7750079	146643446	164.50	0.07	0.066	G	0.03%	0.76	0.00%	0.9	0.03%	0.78	0.00%	0.95

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
596	0.02%	0.8	0.48%	0.19	0.41%	0.2	0.46%	0.2	0.31%	0.33	0.61%	0.19	1.24%	0.05	0.88%	0.1
597	0.08%	0.6	0.02%	0.81	0.18%	0.4	0.02%	0.8	0.24%	0.37	0.15%	0.49	0.07%	0.6	0.46%	0.2
598	0.07%	0.6	0.38%	0.22	0.00%	1	0.60%	0.09	0.17%	0.43	0.05%	0.68	0.02%	0.8	0.15%	0.5
599	0.04%	0.7	0.02%	0.81	0.05%	0.7	0.41%	0.2	0.01%	0.88	0.35%	0.29	0.39%	0.2	0.12%	0.5
600																
601	0.23%	0.4	0.00%	0.93	0.06%	0.6	0.23%	0.3	0.24%	0.4	0.02%	0.83	0.21%	0.3	0.01%	0.8
602	0.01%	0.9	0.79%	0.099	0.03%	0.8	0.01%	0.8	0.30%	0.33	0.30%	0.35	0.02%	0.8	0.24%	0.4
603	0.03%	0.7	0.05%	0.66	0.31%	0.3	0.00%	1	0.00%	0.93	0.00%	0.94	0.07%	0.6	0.77%	0.09
604	0.15%	0.4	0.24%	0.33	0.31%	0.3	0.18%	0.4	0.42%	0.23	0.13%	0.52	0.06%	0.6	0.75%	0.1
605	0.13%	0.5	0.73%	0.085	0.43%	0.2	0.94%	0.05	0.78%	0.09	2.13%	0.0073	0.06%	0.6	3.42%	0.0003
606	0.00%	1	1.00%	0.058	1.16%	0.04	1.26%	0.03	1.37%	0.034	3.00%	0.0026	0.02%	0.8	2.36%	0.005
607	0.01%	0.8	1.02%	0.056	1.13%	0.05	0.21%	0.4	0.60%	0.17	1.64%	0.025	0.00%	1	2.12%	0.008
608	0.68%	0.13	0.23%	0.37	0.92%	0.08	0.39%	0.2	0.36%	0.28	0.62%	0.17	0.02%	0.8	0.32%	0.3
609	0.07%	0.6	0.58%	0.141	0.01%	0.8	0.48%	0.2	0.45%	0.22	1.47%	0.032	0.06%	0.7	0.43%	0.2
610	0.16%	0.4	1.23%	0.033	0.11%	0.5	0.03%	0.7	0.72%	0.117	2.25%	0.0083	0.07%	0.6	0.04%	0.7
611	0.63%	0.13	0.86%	0.076	0.91%	0.07	0.06%	0.6	0.00%	0.95	0.37%	0.29	0.12%	0.5	0.02%	0.8
612	0.26%	0.3	0.00%	0.92	0.26%	0.3	0.05%	0.7	0.19%	0.41	0.22%	0.4	0.89%	0.08	0.17%	0.4
613	1.17%	0.04	0.00%	0.94	0.00%	0.9	0.29%	0.3	0.00%	0.95	0.45%	0.22	0.50%	0.2	0.68%	0.12
614	0.96%	0.05	0.06%	0.64	1.30%	0.03	0.04%	0.7	0.25%	0.35	0.56%	0.18	0.69%	0.13	0.00%	0.9
615	0.33%	0.3	0.14%	0.47	0.68%	0.11	0.01%	0.8	0.00%	0.98	0.42%	0.29	0.10%	0.6	0.10%	0.6
616	0.18%	0.4	0.20%	0.41	0.93%	0.07	0.00%	0.9	0.27%	0.34	0.00%	0.9	0.01%	0.9	0.02%	0.8
617	0.02%	0.8	0.55%	0.18	0.89%	0.09	0.14%	0.5	0.03%	0.74	0.81%	0.11	0.17%	0.4	0.41%	0.2
618	0.42%	0.2	0.08%	0.6	0.48%	0.2	0.36%	0.3	0.15%	0.49	0.25%	0.38	0.02%	0.8	0.59%	0.2
619	0.13%	0.5	0.03%	0.74	0.19%	0.4	0.40%	0.2	1.15%	0.053	0.03%	0.76	0.02%	0.8	0.00%	0.9
620	0.03%	0.7	0.05%	0.66	0.00%	1	0.31%	0.3	1.25%	0.041	0.02%	0.8	0.38%	0.2	0.19%	0.4
621	0.44%	0.2	0.18%	0.4	0.09%	0.6	0.07%	0.6	0.08%	0.59	0.04%	0.73	0.62%	0.15	0.34%	0.3
622	0.44%	0.2	0.18%	0.42	0.04%	0.7	0.23%	0.3	0.18%	0.44	0.02%	0.82	0.12%	0.5	0.06%	0.6
623	0.49%	0.2	0.07%	0.63	0.04%	0.7	0.71%	0.13	0.19%	0.45	0.01%	0.84	1.91%	0.02	0.11%	0.6
624	0.67%	0.11	0.43%	0.2	0.29%	0.3	0.36%	0.2	1.77%	0.0134	0.89%	0.093	0.19%	0.4	1.35%	0.03
625	0.40%	0.2	0.89%	0.063	0.16%	0.4	0.24%	0.3	0.03%	0.75	0.05%	0.7	0.39%	0.2	0.15%	0.5
626	0.60%	0.12	0.28%	0.28	0.15%	0.5	0.02%	0.8	0.04%	0.7	0.31%	0.3	0.11%	0.5	0.50%	0.2
627	0.14%	0.4	0.00%	0.91	0.00%	1	0.51%	0.2	0.84%	0.078	0.00%	0.92	0.02%	0.8	0.26%	0.3
628	0.25%	0.3	0.02%	0.82	0.00%	1	0.08%	0.6	0.00%	0.98	0.44%	0.27	0.09%	0.6	0.53%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
629	6	GRM1	rs362956	146668721	164.53	0.01	1.000	A	0.02%	0.78	1.42%	0.04	0.18%	0.44	1.59%	0.0068
630	6	GRM1	rs941901	146698944	164.57	0.27	0.009	C	0.17%	0.45	0.62%	0.2	0.03%	0.75	0.06%	0.62
631	6	GRM1	rs362862	146702961		0.00	1.000									
632	6	GRM1	rs1983635	146707365	164.59	0.24	0.076	T	0.16%	0.47	0.62%	0.2	0.94%	0.08	0.11%	0.54
633	6	GRM1	rs362836	146708451	164.59	0.20	0.014	T	0.00%	0.96	0.28%	0.4	0.15%	0.48	0.16%	0.46
634	6	GRM1	rs61914	146717958	164.60	0.41	0.549	T	0.46%	0.23	0.00%	1	0.03%	0.74	0.03%	0.75
635	6	GRM1	rs362895	146721019	164.60	0.21	0.512	C	1.64%	0.028	0.41%	0.3	0.49%	0.21	0.41%	0.26
636	6	GRM1	rs362848	146724178	164.61	0.09	0.222	A	0.11%	0.56	0.06%	0.7	0.86%	0.086	0.24%	0.34
637	6	GRM1	rs9403775	146728202	164.61	0.16	0.784	A	1.16%	0.066	0.37%	0.3	0.10%	0.56	0.02%	0.79
638	6	GRM1	rs2300620	146745874	164.64	0.24	0.045	T	0.36%	0.29	0.04%	0.7	0.00%	0.94	0.28%	0.3
639	6	GRM1	rs362925	146757695	164.65	0.02	1.000	G	1.33%	0.083	0.83%	0.13	0.08%	0.61	0.10%	0.58
640	6	GRM1	rs362854	146758161	164.66	0.50	0.773	A	0.47%	0.21	0.55%	0.2	0.61%	0.147	0.02%	0.8
641	6	GRM1	rs362936	146762519	164.66	0.01	1.000	G	0.01%	0.86	0.43%	0.3	0.10%	0.67	0.64%	0.16
642	6	GRM1	rs979775	146767662	164.67	0.10	1.000	G	0.24%	0.39	0.25%	0.4	0.00%	0.92	0.19%	0.4
643	6	GRM1	rs7755078	146768262	164.67	0.34	0.253	C	1.02%	0.085	0.61%	0.2	0.03%	0.77	0.03%	0.75
644	6	GRM1	rs2300626	146771510	164.67	0.08	0.077	A	0.10%	0.59	0.31%	0.3	0.01%	0.82	0.78%	0.087
645	6	GRM1	rs3804295	146781896	164.69	0.48	0.385	G	0.72%	0.133	0.11%	0.6	0.05%	0.7	0.00%	0.96
646	6	GRM1	rs2284796	146788588	164.70	0.06	0.035	A	0.06%	0.67	0.07%	0.6	0.08%	0.6	0.24%	0.35
647	6	GRM1	rs2941	146796825	164.71	0.01	1.000	G	0.37%	0.4	0.11%	0.6	0.17%	0.49	0.00%	1
648	6	GRM1	rs7770466	146800958	164.71	0.04	1.000	A	0.18%	0.46	0.08%	0.7	0.05%	0.69	0.22%	0.39
649	6	ESR1	rs488133	152167137	174.20	0.32	0.620	C	0.12%	0.54	0.00%	0.9	0.00%	0.97	0.60%	0.16
650	6	ESR1	rs532010	152172611	174.22	0.41	1.000	T	0.02%	0.79	0.00%	0.9	0.29%	0.33	0.20%	0.42
651	6	ESR1	rs11155813	152191128	174.26	0.12	0.728	T	0.48%	0.22	0.36%	0.3	0.45%	0.23	0.01%	0.9
652	6	ESR1	rs9479130	152210149	174.31	0.46	0.145	A	0.20%	0.46	0.69%	0.2	0.01%	0.86	0.10%	0.57
653	6	ESR1	rs1709182	152217050	174.33	0.36	0.275	T	0.13%	0.55	0.03%	0.8	0.01%	0.89	0.36%	0.29
654	6	ESR1	rs9340820	152217518	174.33	0.03	1.000	T	0.12%	0.61	0.04%	0.7	0.12%	0.53	0.03%	0.74
655	6	ESR1	rs1709183	152235689	174.37	0.25	0.552	A	0.31%	0.36	0.06%	0.7	0.00%	0.99	0.11%	0.56
656	6	ESR1	rs9340835	152241624	174.39	0.37	0.062	G	0.04%	0.75	0.00%	1	0.09%	0.6	0.19%	0.44
657	6	ESR1	rs6557170	152244797	174.40	0.20	0.169	G	0.36%	0.31	0.01%	0.9	0.04%	0.73	0.18%	0.44
658	6	ESR1	rs7761846	152254201	174.42	0.11	0.038	T	0.01%	0.85	0.20%	0.4	0.06%	0.65	0.11%	0.52
659	6	ESR1	rs4870062	152279311	174.48	0.31	0.732	T	0.32%	0.35	0.10%	0.6	0.13%	0.54	0.00%	0.92
660	6	ESR1	rs3020377	152314091	174.57	0.35	0.750	A	0.11%	0.57	0.26%	0.4	0.07%	0.63	0.34%	0.29
661	6	ESR1	rs3020317	152320434	174.58	0.18	0.457	T	0.01%	0.87	0.30%	0.4	0.07%	0.64	0.25%	0.36

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
629	0.14%	0.4	0.26%	0.27	0.04%	0.6	0.25%	0.3	0.93%	0.036	0.01%	0.82	0.17%	0.4	0.00%	1
630	0.00%	1	0.03%	0.73	0.15%	0.4	0.04%	0.7	0.98%	0.054	0.10%	0.56	0.07%	0.6	0.03%	0.7
631																
632	0.04%	0.7	0.54%	0.16	2.05%	0.007	0.44%	0.2	0.43%	0.23	2.33%	0.0095	0.02%	0.8	1.62%	0.02
633	0.15%	0.5	0.00%	0.96	0.28%	0.3	0.19%	0.4	0.02%	0.78	0.43%	0.26	0.47%	0.2	0.97%	0.07
634	0.26%	0.3	0.81%	0.081	0.74%	0.1	0.82%	0.09	2.22%	0.006	2.62%	0.0038	1.89%	0.011	2.03%	0.008
635	0.27%	0.3	0.36%	0.26	1.26%	0.03	0.26%	0.3	1.07%	0.056	2.00%	0.0141	0.92%	0.08	0.55%	0.2
636	0.01%	0.8	0.76%	0.083	0.60%	0.13	0.07%	0.6	1.59%	0.016	0.39%	0.24	0.42%	0.2	0.32%	0.3
637	0.02%	0.8	1.40%	0.024	0.05%	0.7	1.16%	0.04	1.34%	0.035	1.08%	0.064	1.18%	0.04	0.01%	0.9
638	0.18%	0.4	0.09%	0.55	0.07%	0.6	0.21%	0.4	0.35%	0.26	0.08%	0.59	0.74%	0.09	0.08%	0.6
639	0.01%	0.8	0.33%	0.3	0.06%	0.7	0.01%	0.9	0.13%	0.53	0.34%	0.3	0.77%	0.11	0.28%	0.3
640	0.16%	0.4	0.68%	0.102	1.12%	0.04	1.91%	0.007	3.34%	0.00065	3.27%	0.00135	2.69%	0.002	1.44%	0.02
641	0.48%	0.2	3.15%	0.00107	0.07%	0.6	1.36%	0.04	0.22%	0.4	0.30%	0.38	0.15%	0.5	0.27%	0.4
642	0.06%	0.6	1.22%	0.032	0.49%	0.2	0.12%	0.5	0.21%	0.41	0.38%	0.29	0.34%	0.3	1.40%	0.03
643	0.05%	0.7	0.00%	0.91	0.26%	0.4	0.85%	0.08	0.84%	0.099	0.37%	0.3	0.16%	0.5	0.29%	0.3
644	0.06%	0.6	0.52%	0.148	0.21%	0.4	0.33%	0.2	0.81%	0.087	0.93%	0.075	0.08%	0.6	1.18%	0.03
645	0.03%	0.7	0.06%	0.62	0.55%	0.2	0.23%	0.4	1.40%	0.03	0.10%	0.58	1.59%	0.02	0.90%	0.08
646	0.04%	0.7	0.05%	0.67	0.09%	0.6	0.41%	0.2	0.11%	0.54	0.19%	0.44	0.07%	0.6	0.34%	0.3
647	0.07%	0.6	0.58%	0.21	0.10%	0.6	0.47%	0.2	0.24%	0.43	0.09%	0.65	0.22%	0.4	0.91%	0.08
648	0.00%	0.9	0.82%	0.087	0.64%	0.14	0.45%	0.2	0.38%	0.27	0.57%	0.18	0.12%	0.6	0.07%	0.7
649	0.07%	0.6	0.05%	0.68	0.15%	0.5	0.00%	1	0.43%	0.24	0.00%	0.96	0.03%	0.7	0.05%	0.7
650	0.48%	0.2	0.18%	0.42	0.38%	0.3	0.17%	0.5	0.07%	0.63	0.01%	0.88	0.00%	1	0.00%	1
651	0.39%	0.2	0.48%	0.19	0.42%	0.2	0.52%	0.2	0.10%	0.57	0.02%	0.8	0.00%	0.9	0.06%	0.7
652	0.97%	0.08	0.52%	0.19	0.35%	0.3	0.07%	0.7	0.20%	0.45	1.62%	0.035	0.23%	0.4	0.02%	0.8
653	1.37%	0.04	0.25%	0.37	2.12%	0.011	0.22%	0.4	1.04%	0.079	0.57%	0.21	0.05%	0.7	0.06%	0.7
654	0.07%	0.6	0.00%	0.95	0.31%	0.3	0.48%	0.2	0.03%	0.76	0.22%	0.39	0.13%	0.5	0.17%	0.4
655	0.03%	0.7	0.02%	0.82	0.01%	0.9	0.11%	0.6	0.34%	0.3	0.03%	0.78	0.25%	0.4	0.01%	0.8
656	0.62%	0.2	0.48%	0.2	1.65%	0.02	0.04%	0.7	0.53%	0.2	0.15%	0.51	0.26%	0.4	0.03%	0.7
657	0.05%	0.7	0.30%	0.3	0.01%	0.9	0.19%	0.4	0.12%	0.53	0.24%	0.38	0.01%	0.9	0.03%	0.7
658	0.41%	0.2	0.25%	0.32	0.01%	0.9	0.08%	0.6	0.65%	0.128	0.26%	0.35	1.04%	0.05	0.19%	0.4
659	0.08%	0.6	0.05%	0.69	0.01%	0.9	0.14%	0.5	1.73%	0.022	0.92%	0.107	0.81%	0.11	0.00%	1
660	0.05%	0.7	0.62%	0.131	0.52%	0.2	0.06%	0.6	0.42%	0.24	0.28%	0.36	0.46%	0.2	0.08%	0.6
661	0.00%	0.9	0.84%	0.083	0.00%	0.9	0.37%	0.3	1.64%	0.021	2.82%	0.0036	0.02%	0.8	0.36%	0.3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
662	6	ESR1	rs1884051	152324972	174.59	0.33	0.742	A	0.49%	0.23	0.22%	0.5	0.08%	0.62	0.40%	0.25
663	6	ESR1	rs985694	152328318	174.60	0.16	1.000	C	0.11%	0.56	0.43%	0.3	0.40%	0.25	0.23%	0.37
664	6	ESR1	rs1884052	152333059	174.61	0.15	0.772	C	0.17%	0.47	0.07%	0.7	0.54%	0.18	0.28%	0.32
665	6	ESR1	rs1884054	152333259	174.61	0.38	0.064	A	0.28%	0.36	0.10%	0.6	0.16%	0.46	0.37%	0.26
666	6	ESR1	rs7757956	152358833	174.68	0.15	0.774	T	0.07%	0.66	0.14%	0.6	0.42%	0.24	0.41%	0.24
667	6	ESR1	rs9340949	152360403	174.68	0.01	1.000	G	0.02%	0.82	1.02%	0.14	0.78%	0.136	0.12%	0.55
668	6	ESR1	rs9340954	152361865	174.68	0.29	1.000	T	0.06%	0.69	0.25%	0.4	0.29%	0.35	1.18%	0.052
669	6	ESR1	rs3020368	152412883	174.72	0.09	0.635	C	0.01%	0.88	1.10%	0.11	0.21%	0.43	0.00%	0.93
670	6	ESR1	rs7764672	152434661		0.00	1.000									
671	6	ESR1	rs13192678	152447603	174.72	0.12	0.268	C	0.33%	0.34	0.30%	0.4	0.07%	0.63	0.73%	0.121
672	6	ESR1	rs3778090	152449721	174.72	0.09	1.000	C	0.18%	0.48	0.10%	0.6	0.53%	0.2	0.07%	0.64
673	6	ESR1	rs2474148	152454597	174.72	0.28	0.469	G	0.00%	0.98	0.07%	0.7	0.00%	0.94	0.10%	0.57
674	6	ESR1	rs1543403	152470397	174.72	0.44	0.882	C	0.00%	0.99	0.08%	0.6	0.77%	0.107	0.29%	0.3
675	7	SP4	rs2073535	21432682		0.00	1.000									
676	7	SP4	rs2282888	21442657	35.53	0.34	0.748	A	0.00%	0.94	0.19%	0.5	0.72%	0.13	0.66%	0.14
677	7	SP4	rs10233357	21456570	35.54	0.07	0.004	C	0.78%	0.094	0.06%	0.6	0.17%	0.39	0.18%	0.4
678	7	SP4	rs4722032	21458066	35.54	0.05	0.341	C	0.46%	0.25	0.08%	0.6	0.19%	0.42	0.25%	0.36
679	7	SP4	rs3807643	21476387	35.56	0.03	1.000	A	0.15%	0.52	0.00%	1	0.06%	0.65	0.01%	0.81
680	7	SP4	rs2282896	21479247	35.56	0.05	0.043	G	0.98%	0.076	0.00%	1	0.19%	0.37	0.45%	0.2
681	7	SP4	rs6943809	21484906	35.57	0.23	1.000	A	0.23%	0.39	0.39%	0.3	0.02%	0.78	1.86%	0.0109
682	7	SP4	rs1011168	21496283	35.58	0.29	0.492	A	0.01%	0.9	0.13%	0.5	0.09%	0.58	0.09%	0.59
683	7	SP4	rs3807641	21496629	35.58	0.06	0.504	T	0.58%	0.18	0.21%	0.5	0.35%	0.26	0.55%	0.16
684	7	SP4	rs12668354	21498416	35.58	0.29	0.056	A	0.06%	0.67	0.18%	0.5	1.14%	0.051	0.30%	0.31
685	7	SP4	rs12673091	21504592	35.59	0.32	1.000	A	0.10%	0.59	0.11%	0.6	0.18%	0.44	1.31%	0.034
686	7	SP4	rs1018954	21516416	35.60	0.40	0.288	T	0.11%	0.56	0.08%	0.7	0.22%	0.39	0.15%	0.47
687	7	SP4	rs11974306	21523887	35.61	0.46	0.563	A	0.09%	0.6	0.01%	0.9	0.24%	0.38	0.72%	0.113
688	7	CRHR2	rs2240403	30661727	48.44	0.11	0.700	C	0.38%	0.26	0.07%	0.6	0.29%	0.3	0.58%	0.15
689	7	CRHR2	rs2190242	30676000	48.47	0.28	0.583	A	0.36%	0.28	0.07%	0.7	0.00%	0.92	0.07%	0.62
690	7	CRHR2	rs2284217	30680133	48.47	0.26	1.000	G	0.10%	0.6	0.19%	0.5	0.46%	0.23	1.30%	0.044
691	7	CRHR2	rs2267717	30683568	48.48	0.16	0.411	G	0.02%	0.81	0.21%	0.5	0.04%	0.74	0.94%	0.084
692	7	CRHR2	rs4723002	30692226	48.50	0.13	1.000	A	0.01%	0.87	0.06%	0.7	0.14%	0.47	0.32%	0.27
693	7	GRM3	rs2073549	86111520	100.21	0.02	1.000	A	0.48%	0.22	0.00%	0.9	0.33%	0.29	0.08%	0.6
694	7	GRM3	rs701332	86115570	100.21	0.17	0.609	T	0.18%	0.45	1.36%	0.07	1.11%	0.053	0.08%	0.6

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
662	0.02%	0.8	0.00%	0.9	0.84%	0.09	0.00%	0.9	0.32%	0.3	0.31%	0.33	0.20%	0.4	0.00%	1
663	0.19%	0.4	0.11%	0.52	0.00%	0.9	0.10%	0.6	0.42%	0.23	2.12%	0.0098	0.00%	1	0.21%	0.4
664	0.06%	0.6	0.19%	0.41	0.02%	0.8	0.09%	0.6	0.92%	0.08	3.09%	0.0017	1.03%	0.06	0.00%	0.9
665	0.13%	0.5	0.00%	0.93	0.07%	0.6	0.07%	0.6	0.11%	0.54	0.52%	0.21	0.01%	0.8	0.19%	0.4
666	0.00%	0.9	0.38%	0.24	0.03%	0.7	0.22%	0.4	0.05%	0.7	0.00%	0.91	0.03%	0.7	0.20%	0.4
667	0.14%	0.6	0.44%	0.26	0.00%	1	0.05%	0.7	0.28%	0.33	0.17%	0.44	0.02%	0.8	0.01%	0.8
668	0.30%	0.3	0.10%	0.55	0.15%	0.5	0.00%	0.9	0.01%	0.87	0.51%	0.21	0.56%	0.2	0.03%	0.8
669	0.07%	0.6	0.01%	0.87	0.01%	0.8	0.03%	0.8	0.07%	0.63	0.00%	0.98	0.05%	0.7	0.28%	0.3
670																
671	0.12%	0.5	0.00%	0.95	0.14%	0.5	0.01%	0.8	0.02%	0.78	0.96%	0.078	0.24%	0.4	0.39%	0.3
672	0.44%	0.2	0.13%	0.49	0.18%	0.4	0.03%	0.8	0.30%	0.31	1.74%	0.018	0.89%	0.08	0.62%	0.14
673	0.22%	0.4	0.08%	0.62	0.06%	0.6	0.12%	0.5	0.12%	0.55	0.27%	0.37	1.46%	0.02	0.20%	0.4
674	0.01%	0.8	0.06%	0.64	0.02%	0.8	2.02%	0.007	0.15%	0.48	0.97%	0.079	0.00%	0.9	0.67%	0.13
675																
676	0.16%	0.5	0.05%	0.69	1.45%	0.03	0.06%	0.7	0.16%	0.46	1.34%	0.042	0.32%	0.3	0.01%	0.9
677	1.45%	0.013	0.13%	0.46	0.05%	0.7	0.21%	0.4	0.35%	0.25	0.01%	0.87	0.01%	0.9	0.19%	0.4
678	0.03%	0.7	0.21%	0.36	0.20%	0.4	0.04%	0.7	0.05%	0.67	0.00%	0.95	0.03%	0.8	0.98%	0.06
679	0.94%	0.06	0.00%	0.91	0.00%	1	0.00%	0.9	0.20%	0.38	0.01%	0.84	0.05%	0.7	0.01%	0.9
680	1.90%	0.006	0.36%	0.23	0.03%	0.8	1.06%	0.06	0.18%	0.45	0.06%	0.69	0.14%	0.5	0.28%	0.3
681	0.28%	0.3	0.01%	0.88	0.01%	0.9	0.14%	0.5	0.25%	0.36	0.27%	0.36	0.01%	0.8	0.00%	1
682	0.02%	0.8	0.01%	0.86	0.01%	0.9	0.55%	0.2	0.11%	0.54	0.32%	0.31	0.59%	0.2	0.02%	0.8
683	2.18%	0.004	0.14%	0.46	0.43%	0.2	0.07%	0.6	0.42%	0.25	0.16%	0.49	0.18%	0.4	0.75%	0.12
684	0.14%	0.5	0.19%	0.4	2.29%	0.005	0.06%	0.7	0.21%	0.4	2.13%	0.0093	0.28%	0.3	0.01%	0.8
685	0.08%	0.6	0.04%	0.71	0.02%	0.8	0.02%	0.8	0.01%	0.82	0.25%	0.38	0.23%	0.4	0.03%	0.7
686	0.01%	0.9	0.23%	0.36	0.70%	0.12	0.00%	1	0.12%	0.52	0.22%	0.41	0.14%	0.5	0.18%	0.4
687	0.02%	0.8	0.01%	0.88	1.23%	0.04	0.02%	0.8	0.01%	0.86	0.17%	0.47	0.01%	0.9	0.36%	0.3
688	0.01%	0.8	0.03%	0.73	0.01%	0.9	0.15%	0.5	0.03%	0.74	0.10%	0.59	0.08%	0.6	0.03%	0.7
689	0.03%	0.7	0.08%	0.58	0.01%	0.9	0.04%	0.7	0.06%	0.64	0.32%	0.3	0.01%	0.8	0.04%	0.7
690	0.33%	0.3	0.00%	0.93	0.03%	0.7	0.05%	0.7	0.61%	0.15	0.10%	0.59	0.10%	0.6	0.16%	0.5
691	0.36%	0.3	0.00%	0.99	0.00%	0.9	0.09%	0.6	0.05%	0.68	1.07%	0.075	0.14%	0.5	0.34%	0.3
692	0.04%	0.7	0.24%	0.33	0.01%	0.8	0.01%	0.9	0.08%	0.57	0.05%	0.67	0.04%	0.7	0.09%	0.6
693	0.04%	0.7	0.09%	0.56	0.43%	0.2	0.01%	0.9	0.00%	0.91	0.19%	0.45	0.34%	0.3	0.01%	0.9
694	0.13%	0.5	0.35%	0.25	0.52%	0.2	0.54%	0.2	0.16%	0.45	0.22%	0.4	0.90%	0.07	0.40%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
695	7	GRM3	rs274614	86116023	100.21	0.33	1.000	A	0.05%	0.71	0.09%	0.6	0.45%	0.23	0.01%	0.86
696	7	GRM3	rs724224	86163556	100.22	0.48	0.246	C	0.39%	0.28	0.35%	0.3	0.39%	0.26	0.03%	0.75
697	7	GRM3	rs1527765	86173887	100.22	0.11	0.266	T	0.22%	0.42	0.99%	0.14	0.10%	0.57	0.10%	0.57
698	7	GRM3	rs2189816	86179382	100.22	0.16	1.000	T	0.00%	0.93	0.11%	0.6	0.03%	0.76	0.05%	0.69
699	7	GRM3	rs2237548	86198886	100.22	0.27	0.360	A	0.05%	0.68	0.33%	0.3	0.46%	0.2	0.13%	0.49
700	7	GRM3	rs6943659	86233862	100.23	0.29	0.480	T	0.15%	0.49	0.06%	0.7	0.17%	0.44	0.12%	0.5
701	7	GRM3	rs2282965	86239740	100.23	0.27	0.065	T	0.15%	0.5	0.17%	0.5	0.19%	0.42	0.05%	0.68
702	7	GRM3	rs6465084	86241411	100.23	0.19	0.240	A	0.39%	0.28	0.42%	0.3	0.03%	0.77	0.44%	0.21
703	7	GRM3	rs10487052	86248625	100.23	0.19	0.240	C	0.51%	0.22	0.62%	0.2	0.02%	0.78	0.49%	0.19
704	7	GRM3	rs2237562	86260168	100.23	0.25	0.560	T	0.00%	0.9	0.12%	0.6	0.00%	0.96	0.00%	0.91
705	7	GRM3	rs1468412	86271387	100.23	0.25	0.843	A	0.01%	0.89	0.14%	0.5	0.00%	0.97	0.00%	0.93
706	7	GRM3	rs2299227	86289908	100.23	0.02	1.000	G	0.06%	0.65	0.00%	0.9	0.63%	0.128	0.13%	0.48
707	7	GRM3	rs10952891	86305187	100.23	0.12	0.720	G	0.09%	0.62	0.54%	0.2	0.14%	0.51	0.17%	0.45
708	7	GRM3	rs10487055	86333978	100.44	0.06	1.000	T	0.00%	0.96	6.23%	0.0002	0.11%	0.54	0.19%	0.4
709	7	RELN	rs737373	102902878	113.94	0.13	0.486	T	0.10%	0.6	0.38%	0.2	1.66%	0.033	0.52%	0.21
710	7	RELN	rs736707	102917639	113.94	0.20	0.642	T	0.62%	0.19	0.60%	0.2	0.44%	0.26	0.04%	0.72
711	7	RELN	rs2528856	102930031	113.94	0.29	0.858	T	0.72%	0.16	0.16%	0.5	0.08%	0.65	0.10%	0.59
712	7	RELN	rs2528858	102938847	113.94	0.05	0.343	A	0.33%	0.31	1.17%	0.09	0.98%	0.078	0.59%	0.16
713	7	RELN	rs2075039	102949958	113.94	0.05	0.097	A	0.13%	0.54	0.86%	0.11	1.71%	0.029	0.05%	0.69
714	7	RELN	rs2256504	102953131	113.94	0.14	0.751	T	0.10%	0.61	0.78%	0.2	0.37%	0.3	0.01%	0.89
715	7	RELN	rs2237622	102957006	113.94	0.17	0.805	T	0.07%	0.63	0.04%	0.7	0.19%	0.43	0.06%	0.64
716	7	RELN	rs10487160	102962491	113.94	0.09	0.625	T	0.00%	0.98	0.12%	0.6	0.04%	0.73	0.10%	0.58
717	7	RELN	rs1008126	102962680	113.94	0.32	0.413	A	0.00%	0.99	0.33%	0.3	0.01%	0.87	0.04%	0.72
718	7	RELN	rs362754	102969462	113.94	0.04	1.000	T	0.44%	0.3	0.20%	0.5	0.24%	0.4	0.66%	0.16
719	7	RELN	rs362719	102973113	113.94	0.21	0.514	C	0.18%	0.46	0.03%	0.8	0.40%	0.25	0.00%	0.99
720	7	RELN	rs362777	102977433	113.94	0.13	0.519	T	0.02%	0.82	0.44%	0.3	0.38%	0.24	0.19%	0.41
721	7	RELN	rs362721	102978664	113.94	0.49	0.564	T	0.24%	0.42	0.01%	0.9	0.03%	0.75	0.00%	0.9
722	7	RELN	rs2247776	102986955	113.94	0.14	0.556	A	0.83%	0.115	0.00%	1	0.27%	0.33	0.01%	0.86
723	7	RELN	rs2229860	102993063	113.94	0.01	1.000	C	1.79%	0.037	0.11%	0.6	0.12%	0.52	0.16%	0.41
724	7	RELN	rs123712	103018526	113.94	0.28	1.000	A	0.05%	0.71	0.17%	0.5	1.31%	0.045	3.05%	0.0015
725	7	RELN	rs362685	103034019	113.94	0.04	1.000	A	0.11%	0.55	0.06%	0.7	0.10%	0.54	0.05%	0.65
726	7	RELN	rs977639	103047145	113.94	0.14	1.000	C	0.00%	0.95	0.09%	0.6	0.02%	0.81	0.18%	0.44
727	7	RELN	rs362698	103064528	113.94	0.18	0.212	T	0.00%	0.99	0.38%	0.3	0.20%	0.44	0.06%	0.65

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
695	0.59%	0.15	0.09%	0.58	0.25%	0.4	0.29%	0.3	0.53%	0.19	0.03%	0.76	0.54%	0.2	1.06%	0.06
696	0.20%	0.4	0.00%	0.96	0.06%	0.7	0.00%	0.9	0.11%	0.53	0.09%	0.6	0.15%	0.5	0.32%	0.3
697	0.00%	0.9	0.02%	0.82	0.04%	0.7	0.51%	0.2	0.23%	0.39	0.45%	0.23	0.27%	0.3	0.24%	0.4
698	0.03%	0.7	0.15%	0.46	0.47%	0.2	0.19%	0.4	0.80%	0.105	0.90%	0.099	0.32%	0.3	0.61%	0.2
699	0.06%	0.6	0.11%	0.52	0.29%	0.3	0.05%	0.7	0.01%	0.87	0.00%	0.93	0.08%	0.6	0.11%	0.5
700	0.03%	0.7	0.00%	0.95	0.09%	0.6	0.02%	0.8	0.01%	0.86	0.02%	0.8	0.00%	0.9	0.35%	0.3
701	0.03%	0.7	0.02%	0.76	0.03%	0.7	0.00%	1	0.25%	0.35	0.03%	0.75	0.13%	0.5	0.58%	0.15
702	0.33%	0.3	0.36%	0.25	0.06%	0.6	0.02%	0.8	0.24%	0.36	0.41%	0.25	0.00%	0.9	0.65%	0.13
703	0.29%	0.3	0.28%	0.31	0.10%	0.5	0.03%	0.7	0.18%	0.42	0.37%	0.27	0.00%	0.9	0.80%	0.09
704	0.02%	0.8	0.02%	0.77	0.20%	0.4	0.18%	0.4	0.02%	0.78	0.26%	0.37	0.25%	0.4	0.04%	0.7
705	0.03%	0.8	0.02%	0.78	0.20%	0.4	0.18%	0.4	0.02%	0.78	0.32%	0.33	0.22%	0.4	0.04%	0.7
706	0.05%	0.6	0.08%	0.58	0.17%	0.4	0.01%	0.9	0.00%	0.94	0.05%	0.68	0.12%	0.5	0.00%	1
707	0.05%	0.7	0.36%	0.26	0.12%	0.5	0.18%	0.4	0.08%	0.61	1.02%	0.077	1.10%	0.05	0.00%	1
708	0.01%	0.9	0.86%	0.069	0.02%	0.8	0.03%	0.7	0.04%	0.7	0.44%	0.23	1.29%	0.03	0.29%	0.3
709	0.01%	0.8	0.06%	0.66	0.11%	0.5	0.04%	0.7	0.07%	0.63	0.10%	0.59	0.21%	0.4	0.01%	0.9
710	0.73%	0.13	0.79%	0.103	0.00%	0.9	0.43%	0.2	0.83%	0.109	0.10%	0.59	0.18%	0.4	0.12%	0.5
711	0.02%	0.8	0.74%	0.127	0.53%	0.2	0.23%	0.4	1.17%	0.059	0.00%	0.95	0.00%	0.9	0.19%	0.4
712	0.25%	0.3	0.57%	0.15	0.03%	0.8	0.11%	0.5	0.51%	0.2	0.57%	0.19	0.03%	0.8	0.00%	0.9
713	0.00%	1	0.02%	0.8	0.11%	0.5	0.27%	0.3	0.03%	0.76	0.00%	0.99	0.02%	0.8	0.32%	0.3
714	0.67%	0.14	0.06%	0.66	0.26%	0.4	0.33%	0.3	0.03%	0.75	0.13%	0.53	0.16%	0.5	0.09%	0.6
715	0.00%	1	0.25%	0.34	0.00%	1	1.55%	0.02	1.27%	0.04	1.10%	0.065	0.64%	0.15	0.36%	0.3
716	0.50%	0.2	0.59%	0.148	0.10%	0.6	2.25%	0.007	1.14%	0.059	2.07%	0.017	0.01%	0.9	3.51%	0.0008
717	0.29%	0.3	0.05%	0.68	0.00%	1	0.15%	0.5	0.43%	0.25	0.03%	0.78	0.30%	0.3	0.03%	0.8
718	0.01%	0.9	0.07%	0.64	0.48%	0.2	0.20%	0.4	0.00%	0.97	0.44%	0.26	0.48%	0.2	0.00%	1
719	0.34%	0.3	0.32%	0.28	0.08%	0.6	0.25%	0.3	0.13%	0.5	1.06%	0.065	0.06%	0.7	0.44%	0.2
720	0.49%	0.2	0.07%	0.6	0.07%	0.6	0.11%	0.5	0.29%	0.3	0.15%	0.48	0.04%	0.7	0.13%	0.5
721	0.08%	0.6	0.16%	0.46	0.03%	0.7	0.14%	0.5	0.70%	0.134	0.10%	0.58	1.12%	0.06	0.01%	0.9
722	0.04%	0.7	0.04%	0.72	0.02%	0.8	0.14%	0.5	0.46%	0.21	0.04%	0.74	0.02%	0.8	0.00%	1
723	0.02%	0.8	0.58%	0.123	0.31%	0.3	1.00%	0.06	1.45%	0.045	0.02%	0.81	0.01%	0.9	0.02%	0.8
724	0.07%	0.6	0.04%	0.72	0.09%	0.6	0.97%	0.06	0.58%	0.16	2.17%	0.0082	0.05%	0.7	2.53%	0.003
725	0.06%	0.6	0.02%	0.78	0.10%	0.6	0.36%	0.3	0.01%	0.81	0.02%	0.8	0.28%	0.3	0.45%	0.2
726	0.09%	0.6	0.30%	0.31	0.49%	0.2	0.06%	0.6	1.01%	0.067	0.04%	0.73	0.13%	0.5	0.10%	0.6
727	0.01%	0.8	0.40%	0.25	0.02%	0.8	0.64%	0.14	0.77%	0.12	0.51%	0.23	0.19%	0.4	1.04%	0.07

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
728	7	RELN	rs6958081	103079061	113.94	0.36	0.753	C	0.02%	0.81	0.36%	0.3	1.05%	0.067	1.41%	0.028
729	7	RELN	rs1860686	103079680	113.94	0.13	0.324	C	0.78%	0.128	0.23%	0.5	0.50%	0.19	0.00%	0.94
730	7	RELN	rs727531	103088691	113.94	0.29	0.158	T	0.07%	0.66	0.18%	0.5	0.60%	0.16	0.09%	0.57
731	7	RELN	rs1012065	103098311	113.94	0.26	0.263	A	0.58%	0.21	0.00%	0.9	0.13%	0.53	0.00%	0.91
732	7	RELN	rs12666897	103113430	113.94	0.21	1.000	T	0.55%	0.19	0.71%	0.2	0.45%	0.22	0.01%	0.87
733	7	RELN	rs496907	103149720	113.94	0.31	0.233	C	0.02%	0.8	1.18%	0.09	0.87%	0.105	0.99%	0.073
734	7	RELN	rs10487166	103162502	113.94	0.11	0.436	C	0.06%	0.67	0.00%	1	0.27%	0.35	0.38%	0.26
735	7	RELN	rs471360	103168085	113.94	0.15	0.772	C	0.19%	0.44	0.03%	0.8	0.03%	0.74	0.00%	0.97
736	7	RELN	rs634500	103178645	113.94	0.40	0.293	C	0.01%	0.89	0.83%	0.15	0.08%	0.62	0.05%	0.68
737	7	RELN	rs4446675	103184569	113.94	0.06	1.000	C	0.36%	0.34	1.04%	0.09	0.72%	0.14	0.11%	0.57
738	7	RELN	rs694894	103184640	113.94	0.41	0.880	G	0.08%	0.62	1.30%	0.07	0.18%	0.45	0.02%	0.82
739	7	RELN	rs10487169	103184694	113.94	0.05	1.000	C	0.25%	0.42	0.00%	0.9	0.09%	0.59	0.00%	0.98
740	7	RELN	rs2283029	103185455	113.94	0.15	0.777	T	0.18%	0.48	0.44%	0.3	2.19%	0.0086	0.41%	0.25
741	7	RELN	rs10487172	103189479	113.94	0.21	0.538	T	0.50%	0.2	0.08%	0.7	0.11%	0.54	0.04%	0.71
742	7	RELN	rs141473	103194962	113.94	0.43	1.000	C	0.27%	0.36	0.30%	0.4	2.48%	0.0047	1.49%	0.026
743	7	RELN	rs262340	103205478	113.94	0.34	0.744	G	0.01%	0.89	0.40%	0.3	0.37%	0.25	0.18%	0.41
744	7	RELN	rs262342	103206219	113.94	0.25	0.701	G	0.09%	0.6	0.04%	0.8	0.89%	0.087	0.94%	0.073
745	7	RELN	rs1510846	103208938	113.94	0.28	0.463	T	0.05%	0.67	0.11%	0.6	0.75%	0.114	0.00%	0.91
746	7	RELN	rs262355	103213351	113.94	0.34	0.873	T	0.06%	0.69	1.09%	0.08	1.88%	0.016	0.91%	0.089
747	7	RELN	rs1404431	103223839	113.94	0.20	0.487	A	0.07%	0.63	0.02%	0.8	3.37%	0.00077	0.05%	0.66
748	7	RELN	rs39327	103231907	113.94	0.24	0.420	G	0.19%	0.42	0.30%	0.4	0.01%	0.85	0.27%	0.33
749	7	RELN	rs39330	103236791	113.94	0.41	0.762	T	0.18%	0.46	0.03%	0.8	0.49%	0.21	0.27%	0.34
750	7	RELN	rs6465937	103240727	113.94	0.45	0.884	G	1.02%	0.082	0.06%	0.7	0.56%	0.18	0.09%	0.58
751	7	RELN	rs39343	103251234	113.94	0.30	0.728	A	0.53%	0.19	0.14%	0.5	0.09%	0.59	0.29%	0.31
752	7	RELN	rs39379	103266305	113.95	0.24	0.551	G	0.23%	0.41	0.05%	0.7	0.00%	0.93	0.10%	0.56
753	7	RELN	rs39383	103267479	113.95	0.41	0.655	G	0.62%	0.16	2.07%	0.02	0.09%	0.57	0.97%	0.068
754	7	RELN	rs1848959	103268966	113.96	0.09	1.000	T	0.68%	0.14	0.08%	0.7	0.09%	0.59	0.03%	0.73
755	7	RELN	rs2299394	103299179	117.10	0.13	1.000	G	0.18%	0.43	0.81%	0.2	0.13%	0.5	0.25%	0.34
756	7	RELN	rs802786	103333644	117.17	0.24	0.843	G	0.41%	0.26	0.32%	0.4	0.04%	0.73	0.10%	0.56
757	7	RELN	rs802787	103336960	117.18	0.41	0.448	G	0.27%	0.34	0.00%	0.9	0.00%	0.93	0.28%	0.3
758	7	RELN	rs2299403	103343150	117.19	0.16	0.594	G	0.11%	0.54	0.52%	0.2	0.80%	0.098	0.12%	0.51
759	7	RELN	rs10487175	103360382	117.22	0.06	0.097	C	0.02%	0.8	0.79%	0.13	0.01%	0.86	0.11%	0.54
760	7	RELN	rs3735630	103361697	117.22	0.50	1.000	G	0.90%	0.104	0.81%	0.15	0.42%	0.25	0.94%	0.071

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
728	0.24%	0.4	0.27%	0.32	0.13%	0.5	0.17%	0.4	0.29%	0.32	0.35%	0.3	0.02%	0.8	1.19%	0.05
729	1.60%	0.02	0.00%	0.92	0.68%	0.13	1.80%	0.014	0.42%	0.25	0.78%	0.122	0.23%	0.4	0.19%	0.4
730	0.19%	0.4	0.01%	0.86	0.25%	0.3	0.04%	0.7	0.48%	0.19	0.10%	0.58	0.72%	0.11	0.27%	0.3
731	0.41%	0.2	0.35%	0.29	0.00%	0.9	1.05%	0.07	1.82%	0.021	0.25%	0.41	0.54%	0.2	0.06%	0.7
732	0.25%	0.4	0.00%	0.9	1.07%	0.05	0.96%	0.07	0.28%	0.34	0.21%	0.43	0.01%	0.9	0.07%	0.6
733	0.08%	0.6	0.03%	0.73	0.08%	0.6	0.79%	0.1	1.46%	0.027	1.28%	0.044	0.32%	0.3	1.07%	0.06
734	0.19%	0.4	0.18%	0.42	0.05%	0.7	0.06%	0.7	0.04%	0.71	0.01%	0.83	0.27%	0.3	0.17%	0.4
735	0.18%	0.4	0.01%	0.85	0.00%	1	1.91%	0.008	1.25%	0.038	0.71%	0.131	3.15%	0.0014	0.91%	0.07
736	0.35%	0.3	0.46%	0.19	0.33%	0.3	0.42%	0.2	1.06%	0.053	1.09%	0.058	0.07%	0.6	0.94%	0.07
737	0.01%	0.8	0.71%	0.131	0.01%	0.8	0.31%	0.3	0.39%	0.31	0.61%	0.21	0.02%	0.8	0.67%	0.2
738	0.05%	0.7	0.63%	0.144	0.01%	0.8	0.42%	0.2	0.62%	0.16	0.01%	0.84	0.75%	0.14	0.05%	0.7
739	0.01%	0.8	0.02%	0.8	0.01%	0.9	0.08%	0.6	0.43%	0.26	0.63%	0.18	0.22%	0.4	0.71%	0.14
740	0.11%	0.5	0.01%	0.85	0.12%	0.5	0.54%	0.2	1.09%	0.055	0.73%	0.129	0.22%	0.4	0.00%	1
741	0.06%	0.6	0.02%	0.77	0.03%	0.7	0.04%	0.7	0.00%	0.9	0.02%	0.78	0.10%	0.5	0.38%	0.2
742	0.06%	0.6	0.59%	0.141	0.00%	1	0.06%	0.6	0.55%	0.17	0.44%	0.24	0.50%	0.2	0.14%	0.5
743	0.31%	0.3	0.05%	0.65	0.51%	0.2	0.19%	0.4	0.02%	0.76	0.65%	0.133	0.43%	0.3	0.00%	0.9
744	0.41%	0.2	0.92%	0.068	0.18%	0.4	0.28%	0.3	0.83%	0.09	0.17%	0.47	0.25%	0.4	0.15%	0.5
745	0.02%	0.8	0.58%	0.14	0.19%	0.4	0.51%	0.2	0.10%	0.55	0.47%	0.22	0.24%	0.4	0.07%	0.6
746	0.13%	0.5	1.23%	0.039	0.09%	0.6	0.00%	0.9	0.46%	0.22	0.13%	0.54	0.00%	1	0.06%	0.7
747	0.02%	0.8	0.38%	0.23	0.05%	0.7	0.02%	0.8	0.11%	0.54	0.04%	0.73	0.14%	0.5	0.11%	0.5
748	0.91%	0.06	0.00%	0.95	0.27%	0.4	0.02%	0.8	0.02%	0.8	0.37%	0.27	0.03%	0.7	0.16%	0.4
749	0.05%	0.7	0.47%	0.19	0.10%	0.5	0.02%	0.8	0.00%	0.9	0.00%	1	0.61%	0.2	0.02%	0.8
750	0.65%	0.12	1.16%	0.041	0.00%	0.9	0.12%	0.5	0.02%	0.81	0.17%	0.47	0.06%	0.6	0.00%	1
751	0.37%	0.2	0.38%	0.23	0.24%	0.4	0.04%	0.7	0.63%	0.134	0.01%	0.84	0.07%	0.6	0.09%	0.6
752	0.08%	0.6	0.00%	1	0.58%	0.2	0.32%	0.3	0.94%	0.072	0.16%	0.48	0.15%	0.5	0.02%	0.8
753	0.01%	0.9	0.31%	0.28	0.07%	0.6	0.09%	0.6	0.02%	0.81	0.02%	0.82	0.17%	0.4	0.50%	0.2
754	0.04%	0.7	0.48%	0.17	0.30%	0.3	0.72%	0.09	0.15%	0.45	0.10%	0.54	0.11%	0.5	0.50%	0.2
755	0.56%	0.14	0.20%	0.38	0.01%	0.9	0.28%	0.3	0.14%	0.48	0.07%	0.61	0.02%	0.8	0.12%	0.5
756	0.27%	0.3	0.02%	0.81	0.01%	0.8	0.53%	0.2	1.81%	0.0126	0.03%	0.75	0.77%	0.11	0.02%	0.8
757	0.13%	0.5	0.02%	0.79	0.01%	0.9	1.51%	0.02	1.69%	0.0116	0.00%	1	0.14%	0.5	0.05%	0.7
758	0.07%	0.6	0.19%	0.38	0.04%	0.7	0.05%	0.6	0.01%	0.88	0.44%	0.21	0.32%	0.3	0.20%	0.4
759	0.03%	0.7	0.61%	0.117	0.05%	0.7	0.45%	0.2	1.99%	0.011	0.42%	0.27	0.21%	0.4	1.21%	0.04
760	0.02%	0.8	0.32%	0.28	0.34%	0.3	0.81%	0.09	0.60%	0.146	0.13%	0.52	0.06%	0.6	0.02%	0.8

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
761	7	RELN	rs6965133	103368862	117.24	0.19	1.000	G	0.02%	0.81	0.22%	0.4	0.29%	0.32	0.03%	0.75
762	7	RELN	rs7808549	103370996	117.24	0.19	0.052	A	0.34%	0.31	1.09%	0.08	0.01%	0.83	0.17%	0.45
763	7	RELN	rs876425	103371937	117.24	0.35	0.109	A	0.11%	0.55	0.40%	0.3	0.14%	0.5	0.10%	0.54
764	7	RELN	rs10237086	103402273	117.30	0.32	0.867	G	0.01%	0.86	0.01%	0.9	0.27%	0.36	0.09%	0.58
765	7	RELN	rs10487180	103406534	117.31	0.16	0.423	C	0.27%	0.38	0.09%	0.6	0.33%	0.31	0.02%	0.79
766	7	KCNH2	rs4725982	150268796	174.98	0.23	0.677	C	0.00%	0.92	0.22%	0.5	0.12%	0.54	0.00%	1
767	7	KCNH2	rs6947240	150288142	175.09	0.23	0.687	G	0.03%	0.77	0.14%	0.5	0.11%	0.54	0.62%	0.139
768	7	KCNH2	rs2968857	150293263	175.12	0.35	0.428	T	0.03%	0.76	0.01%	0.9	0.03%	0.75	0.91%	0.094
769	8	SLC18A1	rs17092104	20049834	49.47	0.08	0.326	C	0.31%	0.32	0.03%	0.8	2.03%	0.0097	0.00%	0.99
770	8	SLC18A1	rs903997	20049996	49.47	0.19	0.341	G	0.29%	0.34	0.01%	0.9	0.45%	0.23	0.45%	0.22
771	8	SLC18A1	rs6992927	20074325	49.47	0.25	0.552	A	0.65%	0.143	0.16%	0.6	1.21%	0.045	0.16%	0.46
772	8	SLC18A1	rs1390938	20080993	49.47	0.25	0.563	G	0.78%	0.108	0.70%	0.2	1.13%	0.052	0.19%	0.42
773	8	SLC18A1	rs2270637	20081107	49.47	0.16	0.424	C	0.09%	0.62	0.61%	0.2	0.02%	0.79	0.02%	0.82
774	8	SLC18A1	rs2270641	20082746	49.47	0.37	1.000	T	0.06%	0.68	0.01%	0.9	0.06%	0.66	0.06%	0.66
775	8	SLC18A1	rs7820517	20088916	49.47	0.17	0.792	T	0.58%	0.22	0.26%	0.4	0.51%	0.22	0.01%	0.83
776	8	PPP3CC	rs7837713	22375143	53.65	0.06	1.000	T	1.48%	0.057	0.16%	0.5	0.55%	0.23	0.20%	0.45
777	8	PPP3CC	rs2443502	22396444	53.70	0.49	0.560	A	0.21%	0.43	0.03%	0.8	0.33%	0.31	1.28%	0.042
778	8	PPP3CC	rs2469749	22413543	53.74	0.32	0.176	C	0.23%	0.41	0.04%	0.7	0.31%	0.31	0.04%	0.74
779	8	EBF2	rs4568629	25785669	58.95	0.44	0.019	G	0.02%	0.8	0.38%	0.3	0.00%	0.93	0.00%	0.9
780	8	EBF2	rs10106488	25793729	58.97	0.49	0.149	A	0.00%	0.92	0.12%	0.6	0.11%	0.56	0.05%	0.69
781	8	EBF2	rs11781208	25796328	58.97	0.46	0.009	T	0.03%	0.77	0.36%	0.3	0.00%	0.92	0.00%	0.92
782	8	EBF2	rs10503779	25799345	58.98	0.44	0.008	A	0.02%	0.83	2.62%	0.011	0.40%	0.27	0.03%	0.76
783	8	NRG1	rs4281084	31614916	67.60	0.23	0.211	G	0.94%	0.088	0.15%	0.5	0.11%	0.55	0.05%	0.68
784	8	NRG1	rs7819063	31618950	67.60	0.30	0.292	C	0.13%	0.54	0.97%	0.1	0.08%	0.61	0.02%	0.79
785	8	NRG1	rs10113797	31629879	67.61	0.46	0.559	C	0.31%	0.35	0.30%	0.4	0.01%	0.89	0.03%	0.75
786	8	NRG1	rs7840792	31632615	67.61	0.03	0.003	G	0.71%	0.23	0.01%	0.9	0.30%	0.26	0.59%	0.15
787	8	NRG1	rs4403369	31664440	67.64	0.13	1.000	A	0.06%	0.67	0.55%	0.3	0.53%	0.2	0.59%	0.16
788	8	NRG1	rs4733271	31686548	67.65	0.23	0.540	T	0.01%	0.84	0.31%	0.4	0.17%	0.44	0.29%	0.32
789	8	NRG1	rs12155594	31726137	67.68	0.08	0.370	C	0.08%	0.59	0.05%	0.7	0.33%	0.29	0.03%	0.75
790	8	NRG1	rs1827536	31732659		0.00	1.000									
791	8	NRG1	rs13270788	31750525	67.70	0.38	1.000	A	0.06%	0.68	0.13%	0.6	0.22%	0.42	0.04%	0.71
792	8	NRG1	rs10503888	31753095	67.70	0.03	0.219	T	0.31%	0.33	0.31%	0.4	0.07%	0.65	0.29%	0.36
793	8	NRG1	rs10087212	31773072	67.71	0.47	0.020	G	1.65%	0.028	0.03%	0.8	0.10%	0.59	0.89%	0.092

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
761	0.60%	0.13	0.13%	0.49	0.22%	0.4	0.00%	1	0.00%	0.99	0.21%	0.39	0.10%	0.5	0.04%	0.7
762	0.13%	0.5	0.00%	0.92	0.16%	0.4	0.02%	0.8	0.00%	0.95	0.82%	0.098	0.69%	0.12	0.01%	0.9
763	1.04%	0.05	0.32%	0.27	0.09%	0.6	0.01%	0.9	0.28%	0.31	0.53%	0.18	0.30%	0.3	0.07%	0.6
764	0.02%	0.8	0.17%	0.44	0.00%	1	0.04%	0.7	0.27%	0.35	0.37%	0.29	0.02%	0.8	0.08%	0.6
765	0.29%	0.3	0.01%	0.87	0.04%	0.7	0.48%	0.2	0.39%	0.25	0.22%	0.39	1.10%	0.05	0.06%	0.6
766	0.24%	0.4	0.15%	0.46	0.11%	0.5	0.83%	0.08	0.03%	0.74	0.02%	0.81	0.28%	0.3	0.08%	0.6
767	0.44%	0.2	0.59%	0.137	0.29%	0.3	0.19%	0.4	0.02%	0.8	0.10%	0.58	0.46%	0.2	0.01%	0.9
768	0.01%	0.9	0.33%	0.29	0.11%	0.6	0.03%	0.8	0.08%	0.63	0.61%	0.19	0.25%	0.4	0.09%	0.6
769	1.16%	0.04	0.00%	0.91	0.29%	0.3	0.16%	0.4	0.42%	0.22	0.63%	0.15	0.28%	0.4	0.86%	0.1
770	0.11%	0.5	0.45%	0.2	0.31%	0.3	0.32%	0.3	0.60%	0.17	0.00%	0.91	0.00%	0.9	0.03%	0.7
771	0.03%	0.7	0.28%	0.31	0.38%	0.3	0.19%	0.5	0.02%	0.82	0.04%	0.74	0.19%	0.5	0.35%	0.3
772	0.02%	0.8	0.44%	0.2	0.51%	0.2	0.27%	0.3	0.07%	0.62	0.13%	0.53	0.10%	0.6	1.65%	0.02
773	0.01%	0.8	0.35%	0.28	0.12%	0.5	0.97%	0.06	0.35%	0.29	0.02%	0.79	0.95%	0.08	0.70%	0.13
774	0.87%	0.09	0.31%	0.29	0.03%	0.7	0.55%	0.2	0.35%	0.28	0.19%	0.43	1.04%	0.07	0.62%	0.2
775	0.11%	0.6	0.07%	0.64	0.24%	0.4	1.23%	0.04	0.05%	0.7	0.05%	0.72	0.90%	0.09	0.56%	0.2
776	0.32%	0.3	0.00%	0.96	0.67%	0.2	0.28%	0.4	1.03%	0.087	0.01%	0.87	0.15%	0.5	0.04%	0.7
777	0.13%	0.5	0.40%	0.24	1.32%	0.03	0.07%	0.6	1.23%	0.046	0.75%	0.134	1.50%	0.03	0.18%	0.4
778	0.00%	1	0.77%	0.103	0.60%	0.2	0.14%	0.5	0.18%	0.45	0.29%	0.36	0.00%	1	0.07%	0.6
779	0.01%	0.9	0.15%	0.46	0.45%	0.2	0.15%	0.5	0.05%	0.69	1.29%	0.042	1.09%	0.05	1.44%	0.02
780	0.01%	0.8	0.09%	0.56	0.06%	0.7	0.24%	0.4	0.00%	0.98	0.71%	0.133	0.39%	0.2	1.69%	0.02
781	0.01%	0.8	0.15%	0.45	0.45%	0.2	0.26%	0.3	0.00%	0.95	1.10%	0.064	1.37%	0.03	1.69%	0.02
782	0.04%	0.7	0.04%	0.69	0.27%	0.3	0.16%	0.4	0.03%	0.74	1.28%	0.048	1.05%	0.06	0.75%	0.11
783	1.04%	0.05	0.02%	0.77	0.16%	0.5	0.07%	0.6	0.00%	1	6.92%	6.40E-06	1.71%	0.02	1.98%	0.01
784	0.46%	0.2	0.05%	0.67	0.07%	0.6	0.08%	0.6	0.15%	0.48	0.10%	0.58	0.21%	0.4	0.04%	0.7
785	0.02%	0.8	0.05%	0.68	0.06%	0.7	0.02%	0.8	0.01%	0.83	0.75%	0.146	0.29%	0.3	0.44%	0.2
786	0.17%	0.4	0.23%	0.34	0.01%	0.9	0.09%	0.5	0.05%	0.62	0.54%	0.13	0.05%	0.6	0.07%	0.6
787	0.00%	0.9	0.30%	0.3	0.35%	0.3	0.00%	0.9	0.45%	0.24	0.40%	0.28	0.06%	0.7	0.52%	0.2
788	0.52%	0.2	0.59%	0.14	0.22%	0.4	0.42%	0.2	0.04%	0.71	0.46%	0.23	0.00%	0.9	0.30%	0.3
789	0.06%	0.6	0.03%	0.73	0.02%	0.8	0.29%	0.3	0.00%	0.93	0.16%	0.5	0.14%	0.5	0.02%	0.8
790																
791	0.54%	0.2	0.76%	0.108	0.06%	0.7	0.97%	0.08	0.09%	0.61	0.11%	0.58	0.00%	1	0.04%	0.7
792	1.11%	0.06	0.64%	0.146	4.06%	0.0003	1.79%	0.02	0.10%	0.57	0.10%	0.59	0.51%	0.2	0.40%	0.3
793	0.36%	0.3	0.09%	0.57	0.84%	0.09	0.06%	0.7	0.10%	0.58	0.15%	0.51	0.01%	0.9	0.12%	0.5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
794	8	NRG1	rs2062817	31781972	67.72	0.24	0.430	C	0.91%	0.126	0.55%	0.3	0.03%	0.77	0.07%	0.66
795	8	NRG1	rs10081404	31794013		0.00	1.000									
796	8	NRG1	rs6987310	31795172	67.73	0.30	0.726	A	1.75%	0.026	0.40%	0.3	0.24%	0.4	0.20%	0.43
797	8	NRG1	rs776401	31836504	67.74	0.40	0.364	T	1.83%	0.019	0.12%	0.6	0.17%	0.46	0.80%	0.101
798	8	NRG1	rs10503895	31853189	67.74	0.15	0.169	T	0.14%	0.49	0.02%	0.8	0.09%	0.58	0.77%	0.102
799	8	NRG1	rs776387	31857593	67.74	0.44	0.465	A	0.96%	0.109	0.07%	0.7	0.17%	0.49	0.05%	0.7
800	8	NRG1	rs1875722	31879970	67.74	0.25	1.000	T	0.35%	0.35	0.07%	0.7	0.09%	0.64	0.51%	0.24
801	8	NRG1	rs884530	31889125	67.74	0.13	0.051	C	0.15%	0.46	0.00%	1	0.11%	0.52	0.12%	0.49
802	8	NRG1	rs1481625	31899469	67.74	0.34	0.513	T	0.98%	0.082	1.76%	0.04	0.10%	0.58	0.50%	0.19
803	8	NRG1	rs7002063	31923076	67.74	0.25	0.696	A	0.15%	0.51	0.21%	0.4	0.02%	0.81	0.02%	0.8
804	8	NRG1	rs1462878	31945845	67.74	0.20	0.491	C	0.04%	0.72	0.31%	0.4	0.04%	0.72	0.34%	0.3
805	8	NRG1	rs327325	31988398	67.76	0.30	0.728	T	0.01%	0.91	0.06%	0.7	0.03%	0.76	0.01%	0.85
806	8	NRG1	rs10954818	31995681	67.76	0.27	0.856	A	0.14%	0.54	0.02%	0.8	0.28%	0.34	0.02%	0.79
807	8	NRG1	rs1462906	32016134	67.77	0.07	0.004	C	1.47%	0.032	0.07%	0.6	0.02%	0.79	0.00%	0.98
808	8	NRG1	rs10954822	32026808	67.77	0.12	1.000	A	0.12%	0.57	0.16%	0.5	0.00%	0.95	0.02%	0.79
809	8	NRG1	rs956203	32030300	67.77	0.40	0.290	A	0.08%	0.64	0.59%	0.2	0.12%	0.54	0.33%	0.3
810	8	NRG1	rs9297185	32063570	67.78	0.29	0.283	C	0.00%	0.97	0.15%	0.5	0.06%	0.65	0.02%	0.77
811	8	NRG1	rs10503899	32066776	67.79	0.40	0.452	A	0.26%	0.4	2.32%	0.02	0.43%	0.26	0.58%	0.18
812	8	NRG1	rs11776959	32068406	67.79	0.41	0.066	G	0.00%	0.92	0.01%	0.9	0.00%	0.94	0.09%	0.58
813	8	NRG1	rs9297186	32079918	67.79	0.14	1.000	C	0.26%	0.41	0.15%	0.6	0.00%	0.94	0.10%	0.58
814	8	NRG1	rs1481756	32086787	67.79	0.37	0.085	G	0.00%	0.99	2.43%	0.013	0.01%	0.84	0.16%	0.47
815	8	NRG1	rs1481762	32110769	67.80	0.43	0.555	C	0.04%	0.74	0.20%	0.5	0.22%	0.38	0.03%	0.76
816	8	NRG1	rs1481763	32113352	67.80	0.46	0.463	G	0.19%	0.46	0.02%	0.8	0.17%	0.47	0.07%	0.63
817	8	NRG1	rs6468085	32120207	67.80	0.19	0.308	G	0.00%	0.94	1.09%	0.11	0.44%	0.24	0.21%	0.41
818	8	NRG1	rs1383964	32123716	67.80	0.49	0.029	C	0.01%	0.88	0.04%	0.7	0.01%	0.83	0.67%	0.138
819	8	NRG1	rs4733299	32136282	67.81	0.08	0.604	T	0.16%	0.48	0.00%	0.9	0.34%	0.29	0.39%	0.25
820	8	NRG1	rs7002832	32173915	67.82	0.09	1.000	C	0.03%	0.76	1.02%	0.11	0.09%	0.59	0.65%	0.136
821	8	NRG1	rs10110401	32175992	67.82	0.02	1.000	T	0.05%	0.69	0.40%	0.3	0.05%	0.7	0.27%	0.36
822	8	NRG1	rs7001060	32186009	67.83	0.10	0.690	T	0.11%	0.56	0.24%	0.4	1.01%	0.061	0.81%	0.09
823	8	NRG1	rs6468090	32195591	67.83	0.20	0.507	C	0.00%	1	0.37%	0.3	0.12%	0.54	0.35%	0.27
824	8	NRG1	rs12549243	32200083	67.83	0.10	0.645	G	1.48%	0.039	0.40%	0.3	0.02%	0.82	0.57%	0.18
825	8	NRG1	rs11782156	32216518	67.83	0.42	0.240	G	0.04%	0.74	0.04%	0.7	0.28%	0.34	0.08%	0.6
826	8	NRG1	rs1351510	32223600	67.83	0.29	0.155	C	0.42%	0.27	1.57%	0.04	0.48%	0.22	0.00%	0.96

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
794	1.11%	0.06	0.90%	0.086	0.20%	0.4	0.44%	0.2	0.00%	0.91	0.13%	0.56	0.18%	0.5	0.02%	0.8
795																
796	0.38%	0.3	0.09%	0.59	0.49%	0.2	0.19%	0.4	0.00%	1	0.66%	0.17	0.10%	0.6	0.06%	0.7
797	0.30%	0.3	0.01%	0.86	0.49%	0.2	0.09%	0.6	0.01%	0.83	0.21%	0.42	0.11%	0.6	0.08%	0.6
798	0.47%	0.2	0.00%	0.93	0.38%	0.2	0.21%	0.4	0.05%	0.67	2.53%	0.006	0.09%	0.6	0.00%	0.9
799	0.00%	0.9	0.09%	0.59	0.38%	0.3	0.86%	0.11	0.08%	0.62	0.40%	0.29	0.03%	0.8	0.65%	0.13
800	0.51%	0.2	1.05%	0.079	0.00%	1	0.98%	0.05	0.10%	0.6	0.09%	0.62	0.03%	0.7	0.17%	0.5
801	0.71%	0.15	0.42%	0.19	0.26%	0.4	0.02%	0.8	0.46%	0.21	0.88%	0.101	0.07%	0.6	0.52%	0.2
802	0.02%	0.8	0.14%	0.47	0.48%	0.2	0.04%	0.7	0.00%	0.94	0.17%	0.46	0.10%	0.5	0.04%	0.7
803	0.01%	0.9	0.06%	0.63	0.10%	0.5	0.32%	0.3	0.00%	0.93	0.03%	0.76	0.01%	0.9	0.01%	0.8
804	0.02%	0.8	0.25%	0.35	0.79%	0.1	0.03%	0.8	0.02%	0.78	0.18%	0.47	0.00%	1	0.13%	0.5
805	0.14%	0.5	0.19%	0.42	0.12%	0.5	0.07%	0.6	0.00%	0.94	0.57%	0.2	0.09%	0.6	0.05%	0.7
806	0.05%	0.7	0.08%	0.6	0.29%	0.3	0.06%	0.6	0.05%	0.68	0.54%	0.21	0.43%	0.2	0.08%	0.6
807	0.17%	0.4	0.03%	0.7	0.54%	0.12	0.13%	0.4	0.05%	0.67	0.53%	0.2	1.28%	0.02	0.07%	0.6
808	0.03%	0.8	0.02%	0.82	0.97%	0.07	0.00%	1	0.45%	0.23	0.03%	0.78	0.38%	0.3	0.01%	0.9
809	0.01%	0.9	0.35%	0.26	0.10%	0.6	0.15%	0.5	0.01%	0.85	0.06%	0.66	0.51%	0.2	0.22%	0.4
810	0.00%	1	0.03%	0.73	0.06%	0.6	0.02%	0.8	0.06%	0.65	0.43%	0.24	0.04%	0.7	0.23%	0.4
811	0.01%	0.8	0.74%	0.113	0.00%	1	0.50%	0.2	0.09%	0.6	0.06%	0.68	0.06%	0.6	0.01%	0.9
812	0.03%	0.7	0.02%	0.78	0.40%	0.2	0.63%	0.14	0.01%	0.88	0.00%	0.94	0.60%	0.2	0.31%	0.3
813	0.30%	0.3	0.96%	0.082	0.05%	0.7	0.34%	0.3	0.00%	0.98	0.12%	0.56	0.43%	0.3	0.05%	0.7
814	0.03%	0.7	0.00%	0.91	0.02%	0.8	0.06%	0.6	0.04%	0.72	0.02%	0.82	0.01%	0.8	0.00%	1
815	0.46%	0.2	0.08%	0.58	0.03%	0.7	0.07%	0.6	0.13%	0.51	0.42%	0.25	0.61%	0.15	0.02%	0.8
816	0.20%	0.4	0.26%	0.34	0.27%	0.3	0.22%	0.4	0.02%	0.8	0.07%	0.65	0.75%	0.12	0.19%	0.4
817	0.01%	0.9	0.11%	0.54	0.05%	0.7	0.05%	0.7	0.28%	0.34	0.03%	0.74	0.21%	0.4	0.01%	0.8
818	0.84%	0.09	0.56%	0.16	0.13%	0.5	0.52%	0.2	0.00%	0.96	0.02%	0.82	0.02%	0.8	0.86%	0.1
819	0.06%	0.6	0.03%	0.76	0.01%	0.9	0.00%	0.9	0.83%	0.109	0.66%	0.18	0.04%	0.7	0.47%	0.2
820	0.10%	0.5	0.61%	0.13	0.47%	0.2	1.14%	0.05	0.01%	0.87	0.07%	0.65	0.22%	0.4	0.26%	0.3
821	0.02%	0.8	0.00%	0.95	0.84%	0.07	0.00%	0.9	0.16%	0.47	0.60%	0.18	0.01%	0.9	1.14%	0.05
822	0.03%	0.7	0.02%	0.79	0.01%	0.8	0.06%	0.6	0.33%	0.3	0.89%	0.116	0.01%	0.9	0.46%	0.2
823	0.56%	0.2	0.26%	0.33	0.50%	0.2	1.51%	0.03	0.00%	0.94	0.24%	0.38	0.20%	0.4	0.19%	0.4
824	0.02%	0.8	0.14%	0.49	0.27%	0.3	0.53%	0.2	0.18%	0.46	0.05%	0.72	0.18%	0.5	0.04%	0.7
825	0.07%	0.6	0.00%	0.96	0.00%	0.9	0.03%	0.8	0.01%	0.85	0.17%	0.48	0.10%	0.6	0.03%	0.8
826	0.21%	0.4	0.04%	0.7	0.01%	0.9	0.02%	0.8	0.01%	0.87	0.07%	0.66	0.73%	0.13	0.34%	0.3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
827	8	NRG1	rs12680804	32235936	67.84	0.17	0.184	C	0.34%	0.33	0.57%	0.3	0.34%	0.3	0.84%	0.105
828	8	NRG1	rs1531746	32238717	67.85	0.38	0.286	T	1.03%	0.084	0.03%	0.8	0.06%	0.66	0.03%	0.77
829	8	NRG1	rs1481758	32251340	67.86	0.22	0.835	C	0.11%	0.57	0.54%	0.2	0.55%	0.19	0.88%	0.086
830	8	NRG1	rs7822564	32252424	67.86	0.29	0.485	A	2.79%	0.0049	0.30%	0.4	0.01%	0.83	0.00%	0.99
831	8	NRG1	rs901561	32263004	67.86	0.31	1.000	A	2.36%	0.0087	0.73%	0.2	0.04%	0.71	0.01%	0.89
832	8	NRG1	rs11782374	32269498	67.87	0.14	0.218	C	1.10%	0.069	0.00%	1	0.03%	0.78	0.06%	0.66
833	8	NRG1	rs10503903	32272475	67.87	0.06	1.000	T	0.12%	0.53	0.44%	0.3	0.09%	0.56	0.00%	0.96
834	8	NRG1	rs7818821	32272706	67.87	0.34	1.000	A	2.14%	0.0125	0.01%	0.9	0.07%	0.65	0.47%	0.22
835	8	NRG1	rs10503904	32284229	67.88	0.13	0.547	A	0.05%	0.71	0.23%	0.4	0.08%	0.61	0.71%	0.128
836	8	NRG1	rs7005124	32287272	67.88	0.38	0.064	T	1.34%	0.048	0.02%	0.8	0.34%	0.29	0.01%	0.88
837	8	NRG1	rs10503905	32287870	67.88	0.04	1.000	C	0.04%	0.73	0.06%	0.7	0.82%	0.109	0.49%	0.22
838	8	NRG1	rs4317533	32290309	67.89	0.43	0.453	G	0.85%	0.118	0.31%	0.4	0.16%	0.47	0.20%	0.41
839	8	NRG1	rs10503906	32291504	67.89	0.15	0.772	G	0.06%	0.67	0.00%	0.9	0.53%	0.19	1.72%	0.017
840	8	NRG1	rs10503907	32291552	67.89	0.30	0.080	A	1.51%	0.031	0.71%	0.2	0.50%	0.2	0.15%	0.47
841	8	NRG1	rs1545961	32292898	67.89	0.35	0.079	C	1.56%	0.032	0.10%	0.6	0.14%	0.5	0.38%	0.25
842	8	NRG1	rs1948098	32304474	67.90	0.31	0.233	A	1.14%	0.065	0.00%	1	0.90%	0.081	0.03%	0.73
843	8	NRG1	rs2008626	32308921	67.90	0.06	1.000	T	0.90%	0.106	0.05%	0.7	0.16%	0.46	0.31%	0.29
844	8	NRG1	rs1565031	32320677	67.91	0.16	0.177	G	0.38%	0.29	0.05%	0.7	0.30%	0.32	0.52%	0.19
845	8	NRG1	rs10091429	32324547	67.91	0.43	0.883	C	0.52%	0.22	0.03%	0.8	0.19%	0.45	0.00%	0.94
846	8	NRG1	rs1714420	32340954	67.93	0.12	0.170	T	0.02%	0.79	0.20%	0.5	0.23%	0.38	0.00%	0.96
847	8	NRG1	rs6468099	32346583	67.93	0.26	0.855	G	0.05%	0.68	1.71%	0.03	0.15%	0.46	0.19%	0.4
848	8	NRG1	rs6992907	32347468	67.93	0.44	0.658	T	0.39%	0.27	0.10%	0.6	0.56%	0.16	0.01%	0.85
849	8	NRG1	rs10503913	32353655	67.94	0.18	1.000	A	0.05%	0.72	0.50%	0.2	0.12%	0.54	0.12%	0.52
850	8	NRG1	rs2347508	32358707	67.94	0.09	0.626	C	0.74%	0.139	0.00%	1	0.09%	0.6	0.04%	0.72
851	8	NRG1	rs2347509	32360960	67.94	0.06	1.000	T	0.28%	0.36	0.20%	0.5	0.17%	0.46	0.06%	0.65
852	8	NRG1	rs4373483	32361621	67.94	0.43	0.234	A	0.01%	0.88	0.16%	0.5	0.09%	0.6	0.08%	0.61
853	8	NRG1	rs6986716	32367281	67.95	0.20	0.632	C	0.02%	0.8	0.48%	0.2	0.40%	0.25	0.03%	0.76
854	8	NRG1	rs10101959	32372076	67.95	0.28	0.154	G	0.00%	0.99	0.37%	0.3	0.09%	0.61	0.05%	0.68
855	8	NRG1	rs10503914	32400369	67.98	0.13	0.541	T	0.38%	0.28	1.52%	0.05	0.39%	0.26	0.03%	0.76
856	8	NRG1	rs9918832	32402139	67.98	0.24	0.304	T	0.12%	0.52	0.03%	0.8	0.01%	0.84	0.04%	0.7
857	8	NRG1	rs11782671	32410143	67.98	0.38	0.535	C	0.37%	0.29	0.21%	0.5	0.03%	0.77	0.02%	0.79
858	8	NRG1	rs2347501	32413693	67.99	0.28	1.000	C	0.69%	0.16	0.01%	0.9	0.08%	0.6	0.01%	0.86
859	8	NRG1	rs10103930	32425497	68.00	0.45	0.030	A	0.07%	0.65	0.42%	0.3	0.35%	0.29	0.26%	0.35

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
827	0.78%	0.11	0.00%	0.98	0.17%	0.5	0.00%	0.9	0.11%	0.57	0.27%	0.39	0.05%	0.7	0.03%	0.8
828	0.11%	0.5	0.00%	0.98	0.01%	0.8	0.13%	0.5	0.40%	0.27	0.51%	0.23	0.05%	0.7	0.20%	0.4
829	0.75%	0.1	0.69%	0.114	0.08%	0.6	0.77%	0.1	0.05%	0.67	0.34%	0.3	0.12%	0.5	0.17%	0.4
830	0.18%	0.4	0.27%	0.34	0.07%	0.6	0.01%	0.9	0.04%	0.72	0.04%	0.72	0.24%	0.4	0.62%	0.2
831	0.06%	0.6	0.07%	0.62	0.07%	0.6	0.00%	0.9	0.00%	0.92	0.00%	0.9	0.01%	0.8	0.27%	0.3
832	1.15%	0.05	0.39%	0.25	0.02%	0.8	0.82%	0.09	0.00%	0.98	0.60%	0.19	0.39%	0.3	0.96%	0.08
833	0.78%	0.1	0.34%	0.26	0.00%	0.9	0.51%	0.2	0.11%	0.53	0.00%	0.95	0.01%	0.9	0.03%	0.7
834	0.31%	0.3	0.55%	0.17	0.16%	0.4	0.24%	0.3	0.01%	0.83	0.08%	0.64	0.00%	1	0.71%	0.13
835	0.11%	0.5	0.03%	0.76	0.02%	0.8	0.19%	0.4	0.32%	0.31	0.00%	0.99	0.00%	1	0.06%	0.7
836	0.03%	0.8	0.01%	0.82	0.07%	0.6	0.01%	0.8	0.09%	0.58	0.00%	0.95	0.68%	0.14	0.09%	0.6
837	0.31%	0.3	0.04%	0.72	0.20%	0.4	0.10%	0.6	0.65%	0.143	0.02%	0.81	0.00%	0.9	0.02%	0.8
838	0.02%	0.8	0.12%	0.51	0.01%	0.9	0.03%	0.7	0.00%	0.95	0.04%	0.74	0.16%	0.5	0.04%	0.7
839	0.03%	0.7	0.01%	0.89	0.06%	0.6	0.69%	0.12	0.08%	0.6	0.09%	0.59	0.78%	0.1	1.40%	0.03
840	0.04%	0.7	0.06%	0.63	0.56%	0.15	0.00%	1	0.86%	0.08	0.01%	0.84	0.34%	0.3	0.00%	1
841	0.47%	0.2	0.21%	0.38	0.05%	0.7	0.02%	0.8	0.02%	0.8	0.14%	0.5	0.06%	0.7	0.24%	0.3
842	0.01%	0.8	0.48%	0.18	0.37%	0.2	0.08%	0.6	0.00%	0.99	0.20%	0.42	0.03%	0.7	0.94%	0.07
843	0.02%	0.8	0.30%	0.28	0.03%	0.8	0.33%	0.3	0.02%	0.81	0.42%	0.25	0.28%	0.3	0.04%	0.7
844	0.29%	0.3	0.16%	0.45	0.00%	1	0.19%	0.4	0.42%	0.25	0.39%	0.28	0.03%	0.8	0.01%	0.8
845	0.56%	0.2	0.02%	0.81	0.65%	0.14	0.01%	0.9	0.07%	0.63	0.00%	0.91	0.01%	0.9	0.47%	0.2
846	0.00%	1	0.07%	0.62	1.24%	0.04	0.51%	0.2	0.01%	0.85	0.41%	0.29	0.03%	0.7	0.46%	0.2
847	0.05%	0.7	0.06%	0.63	0.13%	0.5	0.09%	0.6	0.75%	0.104	0.05%	0.68	0.66%	0.13	0.54%	0.2
848	0.01%	0.9	0.01%	0.84	0.03%	0.8	0.04%	0.7	0.05%	0.66	0.10%	0.56	0.02%	0.8	0.14%	0.5
849	0.11%	0.5	0.02%	0.78	0.05%	0.7	0.25%	0.3	0.16%	0.46	0.26%	0.35	0.00%	0.9	0.15%	0.5
850	0.06%	0.7	0.30%	0.29	0.00%	1	0.36%	0.3	0.44%	0.23	0.25%	0.38	0.03%	0.8	0.04%	0.7
851	0.03%	0.8	0.01%	0.83	0.44%	0.2	0.06%	0.6	0.00%	1	0.11%	0.57	0.15%	0.5	0.06%	0.6
852	0.19%	0.4	0.63%	0.144	0.02%	0.8	0.42%	0.2	0.00%	0.9	0.06%	0.67	0.37%	0.3	0.30%	0.3
853	0.02%	0.8	0.08%	0.58	0.21%	0.4	0.21%	0.4	0.07%	0.62	0.00%	0.99	0.20%	0.4	0.08%	0.6
854	0.08%	0.6	0.14%	0.48	0.00%	0.9	0.12%	0.5	0.23%	0.4	0.13%	0.54	0.72%	0.13	0.21%	0.4
855	0.21%	0.4	0.60%	0.142	0.42%	0.2	1.61%	0.02	0.62%	0.15	0.47%	0.22	0.07%	0.6	0.15%	0.5
856	0.02%	0.8	0.02%	0.76	0.36%	0.2	0.01%	0.9	0.15%	0.47	0.25%	0.37	0.02%	0.8	0.08%	0.6
857	0.01%	0.8	0.28%	0.31	0.32%	0.3	0.01%	0.8	0.07%	0.63	0.01%	0.83	0.23%	0.4	0.20%	0.4
858	0.06%	0.6	0.03%	0.73	0.46%	0.2	0.01%	0.8	0.00%	0.97	0.12%	0.53	0.05%	0.7	0.28%	0.3
859	0.55%	0.2	0.61%	0.14	1.63%	0.02	0.28%	0.3	0.92%	0.083	0.21%	0.43	0.83%	0.1	0.57%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
860	8	NRG1	rs7842667	32446897	68.01	0.23	0.021	C	0.11%	0.56	0.06%	0.7	0.52%	0.2	0.08%	0.61
861	8	NRG1	rs7001605	32466789	68.03	0.37	0.210	C	0.21%	0.42	0.11%	0.6	0.01%	0.9	0.00%	0.99
862	8	NRG1	rs4733342	32468778	68.03	0.13	0.318	T	0.08%	0.6	0.15%	0.5	0.26%	0.34	0.14%	0.48
863	8	NRG1	rs7844425	32495159	68.05	0.33	0.507	T	0.17%	0.46	0.41%	0.3	0.44%	0.22	0.04%	0.71
864	8	NRG1	rs4733348	32496353	68.05	0.18	0.479	C	0.18%	0.46	0.66%	0.2	0.00%	0.91	0.00%	0.95
865	8	NRG1	rs10113593	32510900	68.06	0.04	0.311	T	0.32%	0.33	0.14%	0.5	0.65%	0.16	1.24%	0.04
866	8	NRG1	rs10503919	32519284	68.06	0.16	0.269	C	0.00%	0.92	0.06%	0.7	0.57%	0.21	0.22%	0.41
867	8	NRG1	rs7000590	32520170	68.06	0.27	0.198	C	0.15%	0.51	0.31%	0.4	0.06%	0.68	0.01%	0.88
868	8	NRG1	rs4733130	32526536	68.06	0.47	0.244	T	0.27%	0.36	0.00%	0.9	1.34%	0.039	0.30%	0.31
869	8	NRG1	rs2439312	32531901	68.07	0.22	0.287	C	0.01%	0.84	0.38%	0.3	0.37%	0.27	0.00%	0.96
870	8	NRG1	rs11776203	32538661	68.07	0.26	0.460	T	0.64%	0.16	0.19%	0.5	1.69%	0.021	0.02%	0.81
871	8	NRG1	rs10104033	32542822	68.07	0.39	1.000	G	0.11%	0.56	0.14%	0.5	0.23%	0.39	0.05%	0.68
872	8	NRG1	rs10503920	32548231	68.07	0.33	0.745	A	0.02%	0.79	0.00%	1	0.85%	0.104	0.16%	0.47
873	8	NRG1	rs7826436	32559476	68.08	0.28	0.710	G	0.13%	0.53	0.07%	0.7	0.06%	0.65	0.59%	0.15
874	8	NRG1	rs10503921	32560877	68.08	0.26	0.844	T	0.07%	0.64	0.00%	1	0.00%	0.96	0.61%	0.145
875	8	NRG1	rs3924999	32572900	68.09	0.34	0.419	C	0.56%	0.21	0.00%	1	0.45%	0.24	0.23%	0.39
876	8	NRG1	rs10954864	32581039	68.10	0.48	0.390	C	0.81%	0.133	0.00%	1	0.15%	0.5	0.02%	0.78
877	8	NRG1	rs2439282	32582243	68.11	0.10	0.700	G	0.05%	0.72	0.84%	0.12	0.02%	0.82	0.11%	0.55
878	8	NRG1	rs2439281	32585096	68.12	0.45	0.883	G	0.85%	0.1	1.53%	0.05	0.10%	0.57	0.05%	0.69
879	8	NRG1	rs6996203	32587559	68.13	0.07	1.000	A	1.01%	0.092	0.00%	1	0.08%	0.63	0.23%	0.37
880	8	NRG1	rs12547858	32606595	68.20	0.20	0.823	C	0.37%	0.29	0.01%	0.9	0.00%	0.97	0.35%	0.28
881	8	NRG1	rs2439273	32609852	68.21	0.16	0.118	T	0.33%	0.33	0.62%	0.2	0.21%	0.42	0.12%	0.52
882	8	NRG1	rs10098373	32612127	68.22	0.48	0.247	C	0.04%	0.7	0.29%	0.4	0.07%	0.6	0.16%	0.43
883	8	NRG1	rs13259346	32630548	68.29	0.49	0.469	C	0.04%	0.73	1.25%	0.07	0.15%	0.49	0.48%	0.21
884	8	NRG1	rs2466052	32631182	68.29	0.06	0.053	T	0.92%	0.101	0.08%	0.7	0.48%	0.2	0.21%	0.41
885	8	NRG1	rs2466046	32636704	68.31	0.45	0.554	T	0.08%	0.63	0.81%	0.14	0.11%	0.55	0.51%	0.19
886	8	NRG1	rs2439324	32638195	68.31	0.04	1.000	G	0.45%	0.25	0.21%	0.4	0.06%	0.65	0.09%	0.58
887	8	NRG1	rs6468122	32658869	68.39	0.35	0.753	C	0.08%	0.61	0.01%	0.9	0.26%	0.34	0.13%	0.48
888	8	NRG1	rs9297195	32658983	68.39	0.10	1.000	A	0.00%	1	0.00%	1	0.01%	0.89	0.71%	0.108
889	8	NRG1	rs4445183	32681985	68.44	0.33	0.147	C	0.01%	0.89	0.76%	0.2	0.10%	0.56	0.10%	0.55
890	8	NRG1	rs10095556	32686855	68.44	0.23	0.163	A	0.01%	0.83	0.62%	0.2	0.01%	0.84	0.35%	0.26
891	8	NRG1	rs2976525	32692525	68.44	0.13	0.319	A	0.00%	0.94	0.38%	0.3	0.70%	0.121	0.05%	0.68
892	8	NRG1	rs7844475	32711671	68.46	0.04	1.000	T	0.04%	0.75	0.04%	0.7	0.02%	0.82	0.19%	0.43

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
860	1.12%	0.05	2.25%	0.0046	2.14%	0.008	1.06%	0.06	0.79%	0.111	0.69%	0.147	1.03%	0.07	0.65%	0.14
861	0.35%	0.3	0.97%	0.064	1.46%	0.03	1.01%	0.07	0.59%	0.17	0.18%	0.47	1.11%	0.06	0.60%	0.2
862	0.40%	0.2	0.31%	0.28	0.11%	0.5	0.01%	0.9	0.06%	0.65	0.13%	0.53	0.00%	0.9	0.00%	0.9
863	0.81%	0.08	1.03%	0.048	1.35%	0.02	0.30%	0.3	1.00%	0.059	0.06%	0.67	1.62%	0.02	0.24%	0.4
864	0.15%	0.5	0.44%	0.2	0.00%	0.9	0.08%	0.6	0.03%	0.74	0.19%	0.45	0.21%	0.4	0.00%	0.9
865	0.19%	0.4	0.09%	0.57	0.53%	0.2	0.14%	0.5	0.01%	0.89	0.01%	0.89	2.62%	0.003	0.75%	0.11
866	0.00%	0.9	0.00%	0.95	0.74%	0.14	0.23%	0.4	0.12%	0.56	0.00%	1	0.15%	0.5	0.12%	0.6
867	1.03%	0.06	2.45%	0.0039	1.98%	0.012	0.78%	0.11	0.61%	0.17	0.38%	0.3	0.82%	0.11	0.42%	0.3
868	1.26%	0.03	2.30%	0.0039	2.18%	0.006	0.45%	0.2	1.50%	0.027	0.11%	0.56	1.90%	0.011	0.41%	0.2
869	1.01%	0.06	2.40%	0.0032	1.63%	0.02	0.10%	0.6	0.61%	0.16	0.33%	0.33	0.58%	0.2	0.16%	0.5
870	1.13%	0.05	3.01%	0.00115	0.57%	0.2	0.51%	0.2	1.62%	0.022	0.86%	0.111	0.89%	0.09	0.00%	0.9
871	0.06%	0.6	0.08%	0.58	0.12%	0.5	0.77%	0.09	0.02%	0.8	0.31%	0.33	0.03%	0.8	0.16%	0.5
872	0.35%	0.3	1.54%	0.02	1.20%	0.04	0.00%	0.9	1.09%	0.056	0.45%	0.24	0.20%	0.4	0.27%	0.3
873	0.05%	0.7	0.21%	0.38	0.41%	0.2	0.06%	0.7	0.03%	0.77	0.02%	0.81	0.32%	0.3	0.08%	0.6
874	0.06%	0.6	0.12%	0.51	0.43%	0.2	0.04%	0.7	0.08%	0.59	0.14%	0.51	0.14%	0.5	0.17%	0.4
875	1.01%	0.06	3.49%	0.00056	0.13%	0.5	0.11%	0.5	0.01%	0.88	0.21%	0.43	0.05%	0.7	0.28%	0.3
876	0.19%	0.4	1.47%	0.025	0.01%	0.9	0.00%	0.9	0.94%	0.081	0.03%	0.75	0.03%	0.8	0.00%	1
877	0.20%	0.4	0.33%	0.28	0.14%	0.5	0.03%	0.8	0.25%	0.37	0.14%	0.52	0.39%	0.2	0.02%	0.8
878	0.59%	0.14	0.06%	0.64	0.01%	0.9	0.30%	0.3	0.28%	0.33	0.08%	0.61	0.23%	0.4	0.48%	0.2
879	0.05%	0.7	0.21%	0.39	0.00%	1	0.01%	0.9	0.02%	0.8	1.59%	0.027	0.64%	0.2	0.21%	0.4
880	0.15%	0.5	0.32%	0.29	0.05%	0.7	0.00%	0.9	0.00%	0.98	0.04%	0.74	0.01%	0.9	0.00%	0.9
881	0.04%	0.7	0.80%	0.088	0.01%	0.9	0.47%	0.2	0.30%	0.32	0.23%	0.42	0.22%	0.4	0.44%	0.2
882	0.43%	0.2	0.01%	0.84	0.34%	0.2	0.00%	0.9	0.20%	0.38	1.56%	0.018	0.02%	0.8	0.06%	0.6
883	0.01%	0.9	0.47%	0.19	0.01%	0.9	0.28%	0.3	0.57%	0.17	0.01%	0.88	0.01%	0.9	0.08%	0.6
884	0.09%	0.6	0.05%	0.69	0.65%	0.13	0.02%	0.8	0.18%	0.44	0.17%	0.47	0.02%	0.8	0.04%	0.7
885	0.11%	0.5	0.20%	0.39	0.07%	0.6	0.00%	0.9	0.41%	0.24	0.07%	0.65	0.35%	0.3	0.01%	0.8
886	0.09%	0.6	0.05%	0.67	0.16%	0.5	0.00%	1	0.00%	0.9	0.02%	0.81	0.50%	0.2	0.05%	0.7
887	0.72%	0.09	0.18%	0.4	0.00%	1	0.17%	0.4	0.13%	0.5	0.93%	0.075	0.36%	0.2	0.00%	0.9
888	0.09%	0.6	0.00%	0.9	0.20%	0.4	0.00%	0.9	0.04%	0.69	0.40%	0.26	0.13%	0.5	0.47%	0.2
889	0.04%	0.7	0.02%	0.77	0.50%	0.2	0.02%	0.8	0.21%	0.4	0.17%	0.46	0.06%	0.7	0.00%	0.9
890	0.42%	0.2	0.14%	0.46	0.00%	0.9	0.15%	0.5	0.29%	0.31	1.28%	0.039	0.00%	0.9	0.10%	0.6
891	0.01%	0.9	0.26%	0.31	0.03%	0.7	0.08%	0.6	0.00%	0.98	0.36%	0.3	0.18%	0.4	0.02%	0.8
892	0.51%	0.2	0.06%	0.65	0.39%	0.3	1.55%	0.02	0.56%	0.17	0.24%	0.39	0.82%	0.1	0.50%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
893	8	NRG1	rs2976532	32713793	68.46	0.43	0.380	G	0.12%	0.54	0.00%	1	0.06%	0.65	0.28%	0.33
894	8	NRG1	rs7007436	32721934	68.47	0.31	1.000	T	0.27%	0.37	0.02%	0.8	0.08%	0.6	0.37%	0.26
895	8	NRG1	rs4512342	32727416	68.47	0.10	0.403	T	2.13%	0.0063	0.19%	0.4	0.01%	0.84	0.08%	0.58
896	8	NRG1	rs10503929	32733525	68.47	0.17	0.315	T	0.36%	0.3	0.01%	0.9	0.24%	0.39	0.06%	0.65
897	8	NRG1	rs7005288	32740009	68.48	0.22	0.385	A	0.03%	0.75	0.01%	0.9	1.44%	0.032	0.68%	0.139
898	8	NRG1	rs3735782	32744399	68.48	0.49	0.386	C	0.09%	0.6	0.07%	0.7	0.40%	0.25	0.03%	0.75
899	8	NRG1	rs7812718	32746598	68.48	0.14	1.000	C	0.86%	0.112	0.02%	0.8	0.19%	0.44	0.42%	0.25
900	8	CHRNA3	rs1530847	42667396	78.27	0.14	0.209	T	0.08%	0.64	0.00%	0.9	0.26%	0.37	0.01%	0.89
901	8	CHRNA3	rs7844824	42672170	78.27	0.04	1.000	C	0.58%	0.25	0.60%	0.2	0.47%	0.22	1.04%	0.074
902	9	GRIN3A	rs3824473	103374598	125.22	0.27	0.563	G	0.09%	0.6	0.15%	0.5	0.01%	0.88	0.01%	0.87
903	9	GRIN3A	rs1407877	103395276	125.25	0.13	0.093	G	0.05%	0.7	0.00%	0.9	1.36%	0.038	0.54%	0.17
904	9	GRIN3A	rs3739724	103396260	125.25	0.14	0.752	T	2.63%	0.0054	0.06%	0.7	0.10%	0.57	0.02%	0.82
905	9	GRIN3A	rs1323432	103402758	125.26	0.13	0.495	T	0.08%	0.62	0.01%	0.9	0.00%	0.94	0.10%	0.56
906	9	GRIN3A	rs942141	103411557	125.27	0.34	0.329	C	2.98%	0.004	0.94%	0.14	0.08%	0.62	0.73%	0.13
907	9	GRIN3A	rs10125230	103417353	125.27	0.18	0.631	A	0.51%	0.22	0.05%	0.7	0.00%	0.98	0.05%	0.67
908	9	GRIN3A	rs12685902	103420991	125.28	0.43	0.767	T	1.38%	0.058	1.04%	0.13	0.01%	0.89	0.46%	0.24
909	9	GRIN3A	rs2181561	103427933	125.29	0.06	0.180	T	0.00%	0.93	0.19%	0.5	0.01%	0.84	0.36%	0.26
910	9	GRIN3A	rs2031202	103432195	125.29	0.26	0.552	A	1.65%	0.029	0.14%	0.6	0.04%	0.73	0.09%	0.58
911	9	GRIN3A	rs10512284	103433635	125.29	0.20	1.000	T	0.00%	0.98	0.01%	0.9	0.78%	0.113	0.82%	0.094
912	9	GRIN3A	rs4742820	103434406	125.29	0.46	1.000	G	1.39%	0.044	0.15%	0.6	0.26%	0.36	1.24%	0.044
913	9	GRIN3A	rs4743478	103440270	125.30	0.17	0.774	T	0.05%	0.71	0.06%	0.7	0.14%	0.5	0.03%	0.77
914	9	GRIN3A	rs2417282	103448043	125.31	0.06	1.000	G	1.51%	0.053	0.15%	0.5	0.09%	0.59	0.36%	0.28
915	9	GRIN3A	rs1323413	103466545	125.33	0.10	1.000	G	1.92%	0.023	0.56%	0.3	0.00%	0.92	0.66%	0.16
916	9	GRIN3A	rs766551	103467877	125.33	0.36	0.878	A	0.09%	0.6	0.04%	0.8	0.28%	0.35	0.80%	0.103
917	9	GRIN3A	rs1337697	103518748	125.39	0.48	0.564	G	1.75%	0.029	0.91%	0.15	0.02%	0.8	0.47%	0.22
918	9	GRIN3A	rs4743484	103519301	125.40	0.19	0.816	C	0.17%	0.44	0.26%	0.4	1.02%	0.063	0.35%	0.26
919	9	DBH	rs1076153	135487964	181.12	0.22	0.664	G	0.46%	0.26	0.11%	0.6	0.13%	0.53	0.09%	0.58
920	9	DBH	rs1076150	135488582	181.12	0.48	0.882	A	0.10%	0.58	0.00%	0.9	0.53%	0.19	0.07%	0.63
921	9	DBH	rs1611115	135490336	181.12	0.20	0.083	C	0.19%	0.44	0.46%	0.3	0.24%	0.38	0.34%	0.28
922	9	DBH	rs2797849	135491762	181.12	0.33	1.000	G	0.03%	0.77	0.06%	0.7	0.83%	0.12	0.19%	0.45
923	9	DBH	rs3025388	135493077	181.12	0.17	0.445	A	0.00%	0.91	0.84%	0.2	0.13%	0.5	0.00%	0.91
924	9	DBH	rs1108581	135495062	181.12	0.20	0.268	A	0.00%	0.94	0.10%	0.6	0.08%	0.6	0.07%	0.62
925	9	DBH	rs2519154	135502096	181.12	0.43	0.554	A	0.38%	0.31	0.57%	0.3	1.65%	0.027	0.03%	0.77

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
893	0.41%	0.2	0.15%	0.45	0.01%	0.8	0.00%	0.9	0.10%	0.56	0.24%	0.37	0.00%	1	0.05%	0.7
894	0.00%	0.9	0.10%	0.55	0.07%	0.6	0.89%	0.08	0.97%	0.074	0.02%	0.82	1.12%	0.05	0.00%	0.9
895	0.05%	0.7	0.25%	0.31	0.00%	0.9	0.00%	1	0.03%	0.72	0.35%	0.27	0.10%	0.5	0.19%	0.4
896	0.44%	0.2	0.05%	0.69	0.02%	0.8	0.05%	0.7	0.12%	0.52	0.32%	0.32	0.00%	0.9	0.53%	0.2
897	0.02%	0.8	0.08%	0.6	0.01%	0.8	0.30%	0.3	1.22%	0.043	0.43%	0.24	0.04%	0.7	0.85%	0.09
898	0.00%	0.9	0.00%	0.9	0.00%	1	0.00%	1	0.00%	0.98	0.22%	0.4	0.00%	1	0.08%	0.6
899	0.06%	0.7	0.60%	0.141	0.00%	0.9	0.34%	0.3	1.21%	0.049	0.25%	0.39	0.16%	0.5	0.06%	0.7
900	0.10%	0.6	0.01%	0.85	0.38%	0.3	0.04%	0.7	0.24%	0.38	0.01%	0.86	0.20%	0.4	0.04%	0.7
901	0.00%	1	0.21%	0.4	0.09%	0.6	0.07%	0.6	0.04%	0.71	0.17%	0.5	0.72%	0.12	0.11%	0.6
902	0.00%	0.9	0.40%	0.22	0.39%	0.2	1.02%	0.05	0.30%	0.31	1.03%	0.069	1.36%	0.03	0.23%	0.4
903	0.42%	0.2	0.39%	0.23	0.03%	0.7	0.03%	0.7	0.01%	0.85	0.01%	0.85	0.29%	0.3	0.00%	1
904	0.03%	0.7	0.03%	0.76	0.45%	0.2	0.14%	0.5	0.56%	0.18	0.08%	0.62	0.45%	0.2	0.11%	0.6
905	0.18%	0.4	0.00%	0.91	0.02%	0.8	0.02%	0.8	0.19%	0.42	0.00%	0.98	0.41%	0.2	0.00%	1
906	0.31%	0.3	0.14%	0.49	1.00%	0.07	0.07%	0.6	0.78%	0.118	0.05%	0.71	0.08%	0.6	0.06%	0.7
907	0.55%	0.2	0.02%	0.8	0.65%	0.13	0.56%	0.2	0.01%	0.88	0.01%	0.88	0.01%	0.9	0.25%	0.3
908	0.62%	0.2	0.04%	0.73	0.34%	0.3	0.00%	0.9	0.10%	0.59	0.13%	0.54	0.47%	0.2	0.09%	0.6
909	0.00%	1	0.21%	0.38	0.01%	0.8	0.01%	0.9	0.25%	0.35	0.01%	0.83	0.02%	0.8	0.25%	0.3
910	0.17%	0.4	0.09%	0.56	0.28%	0.3	0.00%	1	0.16%	0.47	0.01%	0.85	0.40%	0.3	0.16%	0.5
911	0.08%	0.6	0.26%	0.32	0.00%	0.9	0.06%	0.6	0.03%	0.74	0.10%	0.58	0.14%	0.5	0.01%	0.8
912	0.33%	0.3	0.03%	0.77	0.22%	0.4	0.00%	0.9	0.16%	0.47	0.12%	0.54	1.13%	0.05	0.02%	0.8
913	0.20%	0.4	0.15%	0.48	0.02%	0.8	0.07%	0.6	0.01%	0.83	0.20%	0.44	0.04%	0.7	0.02%	0.8
914	0.02%	0.8	0.68%	0.123	0.05%	0.7	0.53%	0.2	0.06%	0.67	0.38%	0.28	0.02%	0.8	0.01%	0.9
915	0.16%	0.5	0.00%	0.98	0.28%	0.3	1.11%	0.06	0.40%	0.29	0.14%	0.55	0.25%	0.4	1.09%	0.07
916	0.51%	0.2	0.14%	0.48	0.00%	0.9	0.08%	0.6	0.06%	0.65	0.17%	0.48	0.24%	0.4	0.18%	0.4
917	0.50%	0.2	0.00%	0.93	0.30%	0.3	0.00%	0.9	0.00%	0.99	0.69%	0.15	1.03%	0.07	0.02%	0.8
918	0.26%	0.3	0.02%	0.8	0.00%	1	0.24%	0.3	0.13%	0.48	0.17%	0.46	0.21%	0.4	0.00%	1
919	1.17%	0.04	0.89%	0.081	0.19%	0.4	0.00%	1	0.29%	0.35	0.62%	0.17	0.06%	0.7	0.44%	0.2
920	0.65%	0.13	0.05%	0.67	0.04%	0.7	0.05%	0.7	0.30%	0.32	0.09%	0.59	0.19%	0.4	0.10%	0.6
921	0.11%	0.5	0.12%	0.51	0.03%	0.8	0.25%	0.4	0.15%	0.49	0.22%	0.42	1.00%	0.07	0.42%	0.2
922	0.03%	0.7	0.03%	0.74	0.09%	0.6	0.36%	0.3	0.70%	0.148	0.62%	0.19	0.38%	0.3	0.04%	0.7
923	0.19%	0.4	0.00%	0.9	0.00%	0.9	0.27%	0.3	0.00%	0.98	0.00%	0.96	0.38%	0.3	0.29%	0.3
924	1.29%	0.03	0.00%	0.98	0.10%	0.6	0.61%	0.2	0.07%	0.63	0.11%	0.56	0.07%	0.6	0.22%	0.4
925	0.15%	0.5	0.36%	0.28	0.04%	0.7	1.27%	0.04	0.00%	0.91	0.00%	0.92	0.27%	0.4	0.00%	0.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
926	9	DBH	rs2797853	135502336	181.12	0.29	0.464	G	1.34%	0.046	0.01%	0.9	1.98%	0.0132	0.01%	0.87
927	9	DBH	rs77905	135507918	181.12	0.46	0.884	C	0.92%	0.111	0.14%	0.6	0.02%	0.81	0.35%	0.29
928	9	DBH	rs2073833	135510103	181.12	0.40	0.646	C	3.04%	0.0032	0.54%	0.2	0.27%	0.36	0.08%	0.62
929	9	GRIN1	rs11146020	139152905	194.93	0.10	0.677	G	0.41%	0.29	0.00%	1	0.05%	0.71	0.09%	0.59
930	9	GRIN1	rs2301364	139154356	194.93	0.14	0.539	T	0.04%	0.73	0.20%	0.5	0.16%	0.47	0.46%	0.23
931	9	GRIN1	rs12238250	139166503	194.93	0.05	1.000	A	0.02%	0.79	0.58%	0.2	0.29%	0.35	0.42%	0.26
932	10	GAD2	rs3781117	26552050	50.75	0.15	0.140	T	0.09%	0.58	0.19%	0.4	0.58%	0.147	0.25%	0.34
933	10	GAD2	rs11015008	26567596	50.80	0.25	0.556	G	0.00%	0.92	0.12%	0.6	0.75%	0.118	0.09%	0.58
934	10	GAD2	rs4747550	26625608	51.00	0.18	0.447	A	0.02%	0.78	0.07%	0.7	0.21%	0.39	0.41%	0.23
935	10	GAD2	rs876848	26636502	51.03	0.27	0.135	C	0.03%	0.76	0.19%	0.5	0.19%	0.42	0.13%	0.5
936	10	GRID1	rs2616673	87357346	115.75	0.15	0.176	C	0.25%	0.41	0.02%	0.8	0.01%	0.89	3.05%	0.002
937	10	GRID1	rs1876883	87365358	115.75	0.12	0.477	T	0.51%	0.24	0.51%	0.3	0.04%	0.74	0.31%	0.32
938	10	GRID1	rs2457450	87372875	115.76	0.40	1.000	T	0.07%	0.62	0.17%	0.5	0.46%	0.19	0.01%	0.82
939	10	GRID1	rs10788462	87408436	115.78	0.40	0.133	G	0.54%	0.2	0.16%	0.5	0.41%	0.25	1.02%	0.064
940	10	GRID1	rs7097285	87420101	115.79	0.24	0.325	C	0.00%	0.95	0.99%	0.12	0.29%	0.35	0.40%	0.26
941	10	GRID1	rs12255557	87426328	115.79	0.14	0.381	C	0.16%	0.51	0.31%	0.4	0.06%	0.66	0.34%	0.3
942	10	GRID1	rs2356728	87484397	115.83	0.47	0.664	G	0.24%	0.39	0.00%	1	0.43%	0.24	1.26%	0.037
943	10	GRID1	rs2949374	87491059	115.84	0.31	0.178	C	0.05%	0.7	0.20%	0.5	0.44%	0.23	0.08%	0.6
944	10	GRID1	rs3011703	87509023	115.85	0.37	0.435	A	0.37%	0.29	0.04%	0.8	0.48%	0.2	1.08%	0.048
945	10	GRID1	rs2140661	87512489	115.85	0.48	0.664	C	0.29%	0.34	0.00%	1	0.47%	0.22	1.13%	0.049
946	10	GRID1	rs1917155	87529467	115.86	0.48	0.383	T	0.36%	0.3	0.01%	0.9	0.59%	0.17	1.31%	0.035
947	10	GRID1	rs2949385	87533376	115.86	0.36	0.432	T	0.28%	0.35	0.01%	0.8	0.60%	0.15	0.66%	0.122
948	10	GRID1	rs1917146	87558623	115.88	0.18	0.632	C	0.39%	0.24	0.03%	0.8	0.53%	0.17	1.63%	0.0117
949	10	GRID1	rs7902997	87564546	115.88	0.27	1.000	T	0.01%	0.85	0.04%	0.7	0.00%	0.96	1.31%	0.035
950	10	GRID1	rs1112487	87589036	115.90	0.12	0.319	A	0.01%	0.87	0.12%	0.6	0.01%	0.86	0.50%	0.2
951	10	GRID1	rs1880386	87601923	115.91	0.13	1.000	G	0.09%	0.61	0.00%	0.9	0.06%	0.66	1.92%	0.0112
952	10	GRID1	rs1880385	87605302	115.91	0.49	1.000	T	0.02%	0.79	0.16%	0.5	0.22%	0.38	0.20%	0.39
953	10	GRID1	rs11599415	87607771	115.91	0.09	1.000	C	0.01%	0.88	0.20%	0.5	0.70%	0.14	0.00%	0.96
954	10	GRID1	rs7895098	87640358	115.93	0.17	1.000	G	0.02%	0.82	0.15%	0.5	0.03%	0.77	0.29%	0.33
955	10	GRID1	rs1917143	87646055	115.94	0.25	0.120	T	0.23%	0.39	1.02%	0.09	0.00%	0.92	0.01%	0.88
956	10	GRID1	rs2222546	87652091	115.94	0.29	0.159	G	0.00%	0.98	0.28%	0.4	0.04%	0.71	0.16%	0.46
957	10	GRID1	rs6585987	87655958	115.94	0.09	1.000	T	0.04%	0.73	0.00%	1	0.02%	0.82	0.00%	0.97
958	10	GRID1	rs2882832	87660812	115.95	0.35	0.003	T	0.02%	0.82	0.24%	0.4	0.37%	0.26	0.08%	0.59

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
926	0.01%	0.9	0.18%	0.44	0.16%	0.5	0.14%	0.5	0.37%	0.28	1.59%	0.033	0.00%	1	0.06%	0.7
927	0.01%	0.8	0.56%	0.17	0.05%	0.7	0.14%	0.5	0.45%	0.24	0.08%	0.64	0.44%	0.2	0.03%	0.8
928	0.84%	0.08	1.00%	0.066	0.06%	0.7	0.60%	0.2	0.02%	0.82	0.11%	0.57	0.06%	0.7	0.54%	0.2
929	0.10%	0.6	0.20%	0.39	0.05%	0.7	0.49%	0.2	0.83%	0.13	0.16%	0.52	4.71%	0.0002	0.60%	0.2
930	0.10%	0.6	0.11%	0.54	0.00%	1	0.01%	0.9	0.12%	0.55	0.82%	0.134	0.00%	1	0.09%	0.6
931	0.59%	0.2	0.11%	0.54	0.08%	0.6	0.99%	0.08	0.69%	0.148	1.55%	0.038	1.94%	0.02	0.07%	0.7
932	0.25%	0.3	0.06%	0.64	0.60%	0.13	0.07%	0.6	0.07%	0.62	0.15%	0.48	0.49%	0.2	0.25%	0.3
933	1.33%	0.03	0.19%	0.4	0.00%	0.9	0.03%	0.8	0.32%	0.31	0.10%	0.58	0.31%	0.3	0.01%	0.8
934	0.00%	1	0.00%	0.92	0.00%	0.9	0.11%	0.5	0.05%	0.67	0.23%	0.39	1.05%	0.05	0.09%	0.6
935	0.01%	0.8	0.03%	0.75	0.53%	0.2	0.00%	0.9	0.01%	0.88	0.09%	0.61	0.09%	0.6	0.10%	0.6
936	0.02%	0.8	0.29%	0.33	0.39%	0.3	0.99%	0.07	0.04%	0.71	0.40%	0.28	0.20%	0.4	0.88%	0.09
937	0.10%	0.6	0.30%	0.32	0.21%	0.4	0.01%	0.9	0.24%	0.39	0.15%	0.52	0.95%	0.08	0.37%	0.3
938	0.22%	0.3	0.01%	0.86	0.13%	0.5	0.07%	0.6	0.20%	0.39	0.00%	1	0.21%	0.4	0.00%	1
939	0.13%	0.5	0.56%	0.16	1.26%	0.04	0.49%	0.2	0.44%	0.22	0.57%	0.18	0.01%	0.9	0.68%	0.13
940	0.47%	0.2	0.20%	0.4	0.09%	0.6	0.27%	0.3	0.07%	0.64	0.04%	0.72	0.32%	0.3	0.22%	0.4
941	1.26%	0.04	0.06%	0.64	0.28%	0.3	0.46%	0.2	0.15%	0.49	0.05%	0.7	0.02%	0.8	0.00%	1
942	0.01%	0.8	0.19%	0.4	0.85%	0.08	0.23%	0.4	0.03%	0.73	0.07%	0.63	0.00%	1	0.14%	0.5
943	0.39%	0.2	0.22%	0.36	0.82%	0.09	0.01%	0.9	0.01%	0.83	0.53%	0.19	0.70%	0.12	0.38%	0.2
944	0.32%	0.3	0.20%	0.39	0.54%	0.2	0.01%	0.9	0.09%	0.58	0.16%	0.48	0.16%	0.5	0.24%	0.4
945	0.00%	1	0.11%	0.52	0.89%	0.07	0.15%	0.5	0.05%	0.67	0.01%	0.87	0.01%	0.9	0.07%	0.6
946	0.00%	0.9	0.23%	0.36	0.95%	0.07	0.15%	0.5	0.09%	0.59	0.00%	0.98	0.02%	0.8	0.06%	0.6
947	0.48%	0.2	0.30%	0.29	0.80%	0.09	0.01%	0.9	0.01%	0.89	0.30%	0.33	0.16%	0.5	0.24%	0.4
948	0.34%	0.2	0.94%	0.05	0.27%	0.3	0.42%	0.2	0.11%	0.52	1.57%	0.015	0.09%	0.6	0.95%	0.05
949	0.21%	0.4	0.03%	0.73	0.05%	0.7	0.04%	0.7	0.00%	0.9	0.71%	0.141	0.01%	0.8	0.09%	0.6
950	0.44%	0.2	0.04%	0.71	0.00%	1	0.94%	0.07	1.44%	0.031	0.06%	0.67	0.02%	0.8	0.16%	0.5
951	0.13%	0.5	0.00%	0.97	0.00%	1	0.04%	0.7	0.01%	0.84	0.01%	0.87	0.15%	0.5	0.09%	0.6
952	0.02%	0.8	0.00%	0.92	0.15%	0.5	0.15%	0.4	0.02%	0.78	0.04%	0.73	0.14%	0.5	0.06%	0.6
953	0.06%	0.6	0.00%	0.94	0.75%	0.11	0.10%	0.6	0.00%	0.96	0.64%	0.16	3.73%	0.0006	0.16%	0.5
954	0.30%	0.3	0.01%	0.86	0.17%	0.4	0.06%	0.7	0.39%	0.26	0.11%	0.57	0.35%	0.3	0.28%	0.3
955	0.21%	0.4	0.04%	0.69	0.06%	0.7	0.08%	0.6	0.03%	0.77	0.05%	0.7	0.60%	0.2	0.04%	0.7
956	0.10%	0.5	0.01%	0.86	0.48%	0.2	0.03%	0.8	0.02%	0.79	0.00%	0.98	0.28%	0.3	0.06%	0.6
957	1.47%	0.02	0.06%	0.64	0.39%	0.2	0.02%	0.8	0.04%	0.72	0.53%	0.2	0.25%	0.3	0.32%	0.3
958	0.00%	1	0.09%	0.54	0.69%	0.1	0.00%	0.9	0.01%	0.85	0.33%	0.3	0.30%	0.3	0.17%	0.4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
959	10	GRID1	rs2352099	87674661	115.96	0.35	1.000	T	1.30%	0.056	0.06%	0.7	0.06%	0.66	0.00%	0.91
960	10	GRID1	rs12245750	87678254	115.96	0.22	0.051	A	0.58%	0.18	0.26%	0.4	0.00%	0.91	0.02%	0.81
961	10	GRID1	rs7924131	87684856	115.96	0.45	0.884	C	0.09%	0.6	0.05%	0.7	0.00%	0.94	0.00%	0.91
962	10	GRID1	rs1418396	87690805	115.97	0.25	0.240	A	0.41%	0.24	0.18%	0.5	0.04%	0.71	0.47%	0.19
963	10	GRID1	rs7906886	87696511	115.97	0.41	0.880	G	1.27%	0.044	0.55%	0.2	0.02%	0.77	0.41%	0.22
964	10	GRID1	rs2153828	87705134	115.98	0.13	0.752	G	0.93%	0.066	0.03%	0.8	0.28%	0.3	0.08%	0.57
965	10	GRID1	rs4244970	87732575	115.99	0.45	0.661	A	0.09%	0.6	0.19%	0.5	0.09%	0.6	0.74%	0.113
966	10	GRID1	rs4393254	87734378	115.99	0.09	1.000	C	1.76%	0.033	0.05%	0.7	0.01%	0.89	0.34%	0.31
967	10	GRID1	rs10509525	87735846	116.00	0.38	0.286	C	0.12%	0.54	0.28%	0.4	0.01%	0.84	0.65%	0.131
968	10	GRID1	rs2352464	87737769	116.00	0.26	0.714	T	0.25%	0.4	0.00%	0.9	0.31%	0.34	0.35%	0.29
969	10	GRID1	rs2001321	87745432	116.00	0.26	0.577	T	0.04%	0.73	0.16%	0.5	0.21%	0.42	0.04%	0.71
970	10	GRID1	rs7089658	87760259	116.01	0.29	0.387	A	0.03%	0.77	0.00%	1	0.65%	0.17	0.47%	0.23
971	10	GRID1	rs10788476	87766857	116.02	0.37	0.165	C	0.02%	0.81	0.02%	0.8	0.17%	0.46	1.30%	0.032
972	10	GRID1	rs12256782	87788988	116.03	0.21	1.000	A	0.10%	0.59	0.01%	0.9	0.09%	0.6	0.00%	0.96
973	10	GRID1	rs10788478	87797370	116.03	0.38	1.000	G	0.00%	0.98	0.01%	0.9	0.01%	0.87	1.09%	0.05
974	10	GRID1	rs4934146	87810686	116.04	0.15	0.782	A	1.10%	0.069	0.18%	0.5	0.00%	0.95	0.06%	0.65
975	10	GRID1	rs12266132	87813079	116.05	0.06	0.016	C	0.52%	0.147	0.00%	1	0.15%	0.48	0.56%	0.14
976	10	GRID1	rs2001697	87815478	116.05	0.28	0.721	C	0.17%	0.47	0.00%	1	0.46%	0.23	0.17%	0.44
977	10	GRID1	rs4934150	87855354	116.16	0.21	0.510	A	0.09%	0.64	1.19%	0.09	0.00%	0.91	0.41%	0.25
978	10	GRID1	rs4460754	87861881	116.19	0.13	0.521	G	0.24%	0.44	0.03%	0.8	0.08%	0.63	0.28%	0.32
979	10	GRID1	rs884700	87884268	116.31	0.26	0.244	T	1.61%	0.028	0.20%	0.5	0.11%	0.55	0.37%	0.27
980	10	GRID1	rs10509531	87887983	116.33	0.33	0.241	G	0.44%	0.25	0.75%	0.2	0.65%	0.16	0.00%	0.94
981	10	GRID1	rs12262754	87919062	116.37	0.13	1.000	G	0.12%	0.54	0.19%	0.5	0.92%	0.082	0.57%	0.16
982	10	GRID1	rs4934159	87936653	116.37	0.13	1.000	G	1.06%	0.078	0.00%	1	0.30%	0.34	1.09%	0.054
983	10	GRID1	rs1902667	87939219	116.37	0.40	0.363	G	0.63%	0.19	0.58%	0.2	0.19%	0.45	0.06%	0.67
984	10	GRID1	rs2607829	87941666	116.37	0.25	0.435	A	2.14%	0.0119	0.41%	0.3	0.01%	0.9	0.76%	0.105
985	10	GRID1	rs2607830	87957082	116.37	0.22	1.000	C	0.57%	0.2	0.20%	0.5	0.56%	0.19	0.82%	0.101
986	10	GRID1	rs2607840	87960202	116.37	0.22	0.669	G	0.50%	0.23	0.60%	0.2	0.61%	0.16	0.86%	0.092
987	10	GRID1	rs11201945	87965746	116.37	0.21	1.000	G	1.53%	0.038	0.04%	0.8	0.09%	0.61	1.62%	0.02
988	10	GRID1	rs2814346	87994907	116.37	0.16	0.796	G	1.16%	0.074	0.12%	0.6	0.10%	0.59	0.33%	0.32
989	10	GRID1	rs2814351	87998880	116.37	0.15	0.022	T	0.06%	0.66	0.09%	0.6	0.02%	0.79	0.01%	0.86
990	10	GRID1	rs2814352	88004329	116.37	0.19	0.022	T	0.01%	0.85	0.14%	0.5	0.01%	0.85	0.04%	0.71
991	10	GRID1	rs1947568	88008808	116.37	0.42	0.766	C	0.03%	0.77	0.41%	0.3	0.14%	0.5	0.74%	0.117

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
959	0.13%	0.5	0.02%	0.81	0.25%	0.4	0.00%	0.9	0.37%	0.28	0.05%	0.7	0.81%	0.1	0.00%	0.9
960	0.09%	0.6	0.07%	0.62	0.00%	1	0.05%	0.7	0.20%	0.42	0.00%	0.98	0.27%	0.3	0.11%	0.5
961	0.08%	0.6	0.00%	0.92	0.06%	0.6	0.01%	0.9	0.50%	0.2	0.70%	0.146	0.42%	0.2	0.03%	0.8
962	0.18%	0.4	0.01%	0.82	0.02%	0.8	0.00%	1	0.67%	0.12	0.00%	0.97	0.00%	1	0.48%	0.2
963	0.66%	0.11	0.29%	0.29	0.88%	0.07	0.15%	0.4	0.91%	0.069	0.03%	0.76	0.27%	0.3	0.36%	0.2
964	0.04%	0.7	0.09%	0.53	0.31%	0.3	0.17%	0.4	0.37%	0.23	0.26%	0.33	0.00%	0.9	0.09%	0.5
965	0.00%	0.9	0.01%	0.85	0.11%	0.5	0.00%	1	0.01%	0.88	0.19%	0.44	0.20%	0.4	0.00%	1
966	0.32%	0.3	0.91%	0.094	0.80%	0.12	0.80%	0.12	0.31%	0.35	0.81%	0.146	0.00%	0.9	0.99%	0.09
967	0.03%	0.8	0.10%	0.54	0.27%	0.3	0.00%	1	0.01%	0.85	0.00%	0.93	0.41%	0.2	0.00%	1
968	0.38%	0.3	0.10%	0.56	0.53%	0.2	0.00%	0.9	0.15%	0.48	0.66%	0.16	0.24%	0.4	0.00%	1
969	0.02%	0.8	0.01%	0.89	0.69%	0.12	0.03%	0.8	0.16%	0.46	1.09%	0.064	0.81%	0.1	0.11%	0.5
970	0.03%	0.8	0.02%	0.81	0.10%	0.6	0.06%	0.7	0.28%	0.36	0.74%	0.148	0.22%	0.4	0.02%	0.8
971	0.00%	0.9	0.45%	0.19	0.33%	0.3	0.37%	0.2	0.45%	0.21	0.35%	0.29	1.10%	0.05	0.21%	0.4
972	0.06%	0.6	0.15%	0.46	0.03%	0.8	0.01%	0.9	0.05%	0.7	0.02%	0.83	0.23%	0.4	0.45%	0.2
973	0.01%	0.8	0.25%	0.33	0.43%	0.2	0.24%	0.4	0.80%	0.098	0.56%	0.18	1.15%	0.05	0.36%	0.3
974	0.40%	0.2	0.27%	0.33	0.73%	0.11	0.59%	0.2	0.27%	0.34	0.67%	0.147	0.55%	0.2	0.30%	0.3
975	0.25%	0.3	0.19%	0.37	0.23%	0.4	0.80%	0.08	0.25%	0.36	0.91%	0.088	0.28%	0.3	0.90%	0.07
976	0.16%	0.4	0.09%	0.56	0.34%	0.3	0.11%	0.5	0.87%	0.085	1.05%	0.071	0.02%	0.8	0.32%	0.3
977	0.96%	0.07	0.00%	0.97	0.23%	0.4	0.48%	0.2	0.28%	0.35	0.30%	0.34	0.85%	0.1	0.00%	0.9
978	1.11%	0.05	0.01%	0.87	0.08%	0.6	0.53%	0.2	0.58%	0.16	0.10%	0.58	0.22%	0.4	0.08%	0.6
979	0.00%	0.9	0.27%	0.33	0.70%	0.12	0.13%	0.5	0.00%	0.96	0.06%	0.66	0.16%	0.5	0.02%	0.8
980	0.00%	0.9	0.00%	0.91	0.04%	0.7	0.07%	0.6	0.52%	0.21	0.00%	0.94	0.02%	0.8	0.11%	0.5
981	0.32%	0.3	0.55%	0.16	0.03%	0.7	0.51%	0.2	1.72%	0.021	0.74%	0.149	0.47%	0.2	0.73%	0.13
982	0.00%	1	0.46%	0.21	0.06%	0.7	0.34%	0.3	1.32%	0.042	0.01%	0.85	0.42%	0.2	0.27%	0.3
983	0.04%	0.7	1.54%	0.021	0.01%	0.8	0.14%	0.5	0.14%	0.5	0.64%	0.16	0.19%	0.4	0.04%	0.7
984	0.53%	0.2	0.99%	0.059	0.35%	0.3	0.25%	0.4	0.51%	0.2	0.56%	0.19	0.00%	0.9	0.40%	0.2
985	0.96%	0.07	0.64%	0.138	0.30%	0.3	0.46%	0.2	0.18%	0.45	0.01%	0.9	0.07%	0.6	0.38%	0.3
986	0.07%	0.6	0.49%	0.19	0.50%	0.2	0.29%	0.3	0.04%	0.7	0.01%	0.86	0.05%	0.7	1.00%	0.07
987	0.03%	0.7	0.04%	0.7	0.18%	0.4	0.10%	0.5	0.00%	0.99	0.00%	0.97	0.05%	0.7	1.25%	0.04
988	0.08%	0.6	0.07%	0.62	0.07%	0.6	0.65%	0.14	0.01%	0.85	0.04%	0.74	0.14%	0.5	0.53%	0.2
989	0.25%	0.4	0.02%	0.81	0.17%	0.5	0.12%	0.5	0.24%	0.37	0.27%	0.37	0.51%	0.2	1.32%	0.04
990	0.05%	0.7	0.01%	0.84	0.04%	0.7	0.19%	0.4	0.42%	0.24	0.43%	0.27	0.35%	0.3	1.23%	0.04
991	0.00%	0.9	0.02%	0.81	0.25%	0.4	0.74%	0.11	0.06%	0.65	0.89%	0.101	0.16%	0.5	0.55%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
992	10	GRID1	rs1870167	88019566	116.37	0.20	0.107	A	0.01%	0.88	0.07%	0.7	0.03%	0.78	0.02%	0.78
993	10	GRID1	rs2217224	88059396	116.37	0.42	0.767	T	0.05%	0.71	0.24%	0.4	0.03%	0.74	0.30%	0.31
994	10	GRID1	rs7904985	88106459	116.37	0.30	0.610	G	0.12%	0.57	0.43%	0.3	0.03%	0.77	0.00%	0.9
995	10	GRID1	rs4933391	88111974	116.37	0.30	0.721	G	0.09%	0.58	0.01%	0.9	0.17%	0.45	1.23%	0.031
996	10	GRID1	rs7089364	88113931	116.37	0.17	0.592	G	0.00%	0.94	0.31%	0.4	0.05%	0.67	0.03%	0.73
997	10	GRID1	rs3814614	88118261	116.37	0.44	0.187	C	0.01%	0.83	0.24%	0.4	0.00%	0.99	0.65%	0.129
998	10	HTR7	rs2420203	92497843	120.43	0.13	0.747	T	0.19%	0.47	0.06%	0.7	0.52%	0.22	0.13%	0.52
999	10	HTR7	rs7086484	92523709	120.43	0.30	0.303	G	0.05%	0.7	0.15%	0.6	0.07%	0.65	0.00%	0.98
1000	10	HTR7	rs12779003	92532245		0.00	1.000									
1001	10	HTR7	rs12412496	92536145	120.43	0.25	0.335	G	0.29%	0.36	0.00%	0.9	0.00%	0.91	0.27%	0.36
1002	10	HTR7	rs11596518	92544991	120.43	0.20	0.379	A	0.00%	0.95	0.00%	1	0.21%	0.42	0.29%	0.34
1003	10	HTR7	rs10785973	92588151	120.43	0.30	0.292	C	0.25%	0.38	0.00%	0.9	0.34%	0.29	0.56%	0.17
1004	10	HTR7	rs2226116	92590219	120.43	0.17	1.000	G	0.10%	0.59	0.10%	0.6	0.10%	0.57	0.13%	0.52
1005	10	HTR7	rs12259062	92600025	120.43	0.37	0.438	A	0.38%	0.27	0.07%	0.7	0.04%	0.73	0.33%	0.29
1006	10	BLOC1S2	rs12254005	102028675	130.24	0.50	0.884	A	0.06%	0.69	0.01%	0.9	0.09%	0.6	0.23%	0.38
1007	10	BLOC1S2	rs2305386	102038259	130.25	0.07	1.000	C	0.20%	0.44	0.12%	0.6	0.01%	0.85	0.11%	0.55
1008	10	ADRA2A	rs3750625	112829591	138.74	0.05	1.000	C	0.00%	0.98	0.30%	0.4	0.14%	0.5	0.01%	0.84
1009	11	DRD4	rs3758653	626399	2.52	0.19	0.094	T	0.09%	0.61	0.07%	0.7	0.05%	0.7	0.31%	0.32
1010	11	TH	rs3842748	2137971	6.73	0.26	0.346	C	0.35%	0.33	0.01%	0.9	0.27%	0.37	0.49%	0.21
1011	11	TH	rs2070762	2142911	6.76	0.45	0.882	T	0.01%	0.9	0.00%	0.9	0.02%	0.83	1.39%	0.033
1012	11	BDNF	rs6265	27636492	49.93	0.18	1.000	G	0.15%	0.5	0.03%	0.8	0.07%	0.64	0.00%	1
1013	11	BDNF	rs2049046	27680351	49.93	0.46	0.039	A	0.08%	0.62	0.58%	0.2	0.10%	0.57	0.02%	0.81
1014	11	SLC1A2	rs3818275	35265359	67.60	0.40	1.000	A	0.00%	0.96	0.26%	0.4	0.13%	0.51	0.22%	0.38
1015	11	SLC1A2	rs10488816	35267994	67.60	0.23	0.688	T	0.20%	0.44	0.77%	0.2	0.00%	0.96	0.22%	0.39
1016	11	SLC1A2	rs2281634	35270749	67.61	0.11	1.000	G	0.23%	0.4	0.16%	0.5	0.15%	0.48	0.64%	0.137
1017	11	SLC1A2	rs2273688	35295319	67.65	0.24	0.420	G	0.02%	0.79	0.07%	0.7	0.41%	0.24	2.22%	0.0055
1018	11	SLC1A2	rs4083481	35308455	67.68	0.22	0.673	G	0.51%	0.24	0.26%	0.4	0.41%	0.26	0.00%	0.95
1019	11	SLC1A2	rs4756213	35320142	67.70	0.39	0.220	C	0.00%	0.94	0.63%	0.2	0.27%	0.34	0.38%	0.25
1020	11	SLC1A2	rs2025111	35332773	67.72	0.48	0.883	C	1.14%	0.076	0.00%	1	0.00%	0.93	1.51%	0.028
1021	11	SLC1A2	rs1320443	35337365	67.73	0.15	1.000	C	0.03%	0.75	0.41%	0.3	0.20%	0.41	1.25%	0.03
1022	11	SLC1A2	rs7931955	35341795	67.74	0.20	0.817	G	0.10%	0.6	0.08%	0.6	0.02%	0.8	0.08%	0.6
1023	11	SLC1A2	rs1885345	35349177	67.75	0.21	1.000	G	0.09%	0.59	0.29%	0.4	0.05%	0.68	2.15%	0.0049
1024	11	SLC1A2	rs911562	35355929	67.77	0.50	1.000	G	0.17%	0.46	0.14%	0.5	0.06%	0.64	3.28%	0.00056

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
992	0.01%	0.8	0.12%	0.52	0.27%	0.3	0.64%	0.14	0.57%	0.17	0.22%	0.42	0.51%	0.2	1.18%	0.05
993	0.00%	1	0.03%	0.73	0.06%	0.7	1.24%	0.04	0.07%	0.62	0.67%	0.15	0.55%	0.2	0.48%	0.2
994	0.08%	0.6	0.40%	0.24	0.00%	0.9	0.30%	0.3	0.20%	0.41	0.00%	0.93	0.13%	0.5	0.42%	0.2
995	0.26%	0.3	0.08%	0.56	0.07%	0.6	0.57%	0.2	0.09%	0.58	0.29%	0.32	0.00%	1	0.02%	0.8
996	0.25%	0.3	0.00%	0.91	0.15%	0.5	0.01%	0.8	0.09%	0.59	0.03%	0.77	0.05%	0.7	0.30%	0.3
997	0.23%	0.3	0.00%	0.9	0.13%	0.5	0.20%	0.4	0.17%	0.45	0.09%	0.6	0.36%	0.3	0.26%	0.3
998	0.02%	0.8	0.23%	0.36	0.17%	0.5	0.50%	0.2	0.23%	0.39	0.00%	0.99	0.00%	1	0.56%	0.2
999	0.00%	1	0.14%	0.49	0.45%	0.2	0.20%	0.4	0.14%	0.52	1.14%	0.077	0.28%	0.3	0.00%	0.9
1000																
1001	0.02%	0.8	0.38%	0.26	0.03%	0.8	0.29%	0.3	0.70%	0.137	0.87%	0.115	0.07%	0.6	0.04%	0.7
1002	0.92%	0.08	0.77%	0.104	0.10%	0.6	0.07%	0.6	0.21%	0.43	0.96%	0.101	0.97%	0.08	0.23%	0.4
1003	0.27%	0.3	0.00%	0.96	0.01%	0.9	0.00%	0.9	0.10%	0.57	0.60%	0.17	0.12%	0.5	0.09%	0.6
1004	0.05%	0.7	0.00%	0.9	0.11%	0.5	0.04%	0.7	0.32%	0.31	0.03%	0.78	0.48%	0.2	0.08%	0.6
1005	0.02%	0.8	0.28%	0.31	0.00%	0.9	0.31%	0.3	0.25%	0.36	0.88%	0.105	0.55%	0.2	0.03%	0.7
1006	0.04%	0.7	0.20%	0.41	0.58%	0.2	0.04%	0.7	0.02%	0.79	0.01%	0.86	1.32%	0.04	0.09%	0.6
1007	0.00%	0.9	0.02%	0.81	0.17%	0.4	0.04%	0.7	0.01%	0.84	0.11%	0.56	0.07%	0.6	0.02%	0.8
1008	0.13%	0.5	0.01%	0.87	0.32%	0.3	0.38%	0.3	1.56%	0.021	0.03%	0.76	1.19%	0.04	0.30%	0.3
1009	0.10%	0.6	0.04%	0.71	0.01%	0.9	0.02%	0.8	0.00%	0.93	0.05%	0.71	0.72%	0.12	0.06%	0.7
1010	0.00%	0.9	0.01%	0.83	0.03%	0.8	0.27%	0.3	0.38%	0.27	0.02%	0.83	0.42%	0.3	0.00%	0.9
1011	0.80%	0.09	0.10%	0.56	0.10%	0.6	0.49%	0.2	1.14%	0.059	0.58%	0.2	0.15%	0.5	0.04%	0.7
1012	0.04%	0.7	0.02%	0.81	0.26%	0.3	0.03%	0.7	0.01%	0.87	0.03%	0.74	0.01%	0.9	0.41%	0.2
1013	0.05%	0.7	0.07%	0.61	0.01%	0.8	0.08%	0.6	0.00%	0.97	0.03%	0.76	0.33%	0.3	0.75%	0.11
1014	0.26%	0.3	0.44%	0.19	0.18%	0.4	0.03%	0.8	0.26%	0.34	0.02%	0.78	0.35%	0.3	0.12%	0.5
1015	0.57%	0.15	0.06%	0.64	0.08%	0.6	0.39%	0.2	0.02%	0.78	0.18%	0.45	0.08%	0.6	0.22%	0.4
1016	0.39%	0.2	0.18%	0.42	1.28%	0.03	0.29%	0.3	1.39%	0.028	0.61%	0.17	0.21%	0.4	0.16%	0.4
1017	0.30%	0.3	1.65%	0.0139	0.89%	0.08	0.55%	0.2	2.07%	0.0088	0.69%	0.144	0.94%	0.08	0.43%	0.2
1018	0.67%	0.12	0.42%	0.22	0.16%	0.5	0.03%	0.7	0.07%	0.64	0.09%	0.6	0.19%	0.4	0.01%	0.9
1019	0.00%	1	0.79%	0.081	0.14%	0.5	0.04%	0.7	0.07%	0.63	0.00%	0.99	0.67%	0.13	0.02%	0.8
1020	1.68%	0.02	0.35%	0.28	2.22%	0.007	0.76%	0.11	1.21%	0.055	1.34%	0.05	0.27%	0.4	0.22%	0.4
1021	1.46%	0.02	0.20%	0.38	0.80%	0.08	0.67%	0.11	2.10%	0.0064	2.00%	0.0116	0.02%	0.8	0.62%	0.13
1022	0.17%	0.4	0.48%	0.19	0.01%	0.9	0.32%	0.3	0.56%	0.18	0.01%	0.83	0.40%	0.2	0.90%	0.08
1023	0.01%	0.8	1.34%	0.023	0.13%	0.5	0.02%	0.8	0.39%	0.24	0.23%	0.39	0.28%	0.3	0.00%	1
1024	0.26%	0.3	0.25%	0.32	0.07%	0.6	0.46%	0.2	0.00%	0.94	0.02%	0.78	0.25%	0.3	0.18%	0.4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1025	11	SLC1A2	rs4593985	35359700	67.77	0.33	0.870	C	0.20%	0.43	0.43%	0.3	0.00%	0.98	2.23%	0.0053
1026	11	SLC1A2	rs10836389	35372547	67.80	0.19	1.000	G	0.00%	0.93	0.15%	0.5	0.01%	0.84	1.35%	0.022
1027	11	SLC1A2	rs2421897	35394439	67.84	0.03	1.000	C	0.91%	0.113	1.46%	0.05	0.33%	0.33	0.09%	0.62
1028	11	SLC1A2	rs1923292	35394755	67.84	0.44	0.057	A	0.37%	0.29	1.05%	0.08	0.05%	0.69	2.10%	0.0067
1029	11	SLC1A2	rs1923293	35395679	67.84	0.04	0.025	G	0.34%	0.33	1.12%	0.09	0.01%	0.86	0.03%	0.76
1030	11	CHRM1	rs4963323	62431179	82.91	0.13	0.535	C	0.13%	0.53	1.30%	0.08	0.94%	0.085	0.02%	0.81
1031	11	CHRM1	rs2067477	62434882	82.91	0.08	0.120	C	0.00%	0.99	0.05%	0.7	0.12%	0.52	0.43%	0.24
1032	11	CHRM1	rs544978	62441806	82.92	0.30	1.000	A	0.00%	0.95	0.17%	0.5	0.44%	0.24	0.07%	0.62
1033	11	CHRM1	rs2075748	62444845	82.92	0.18	1.000	G	0.47%	0.2	0.29%	0.4	0.05%	0.67	0.12%	0.5
1034	11	GRM5	rs308884	87883972	112.15	0.18	0.456	G	0.50%	0.24	0.04%	0.7	0.00%	0.92	0.52%	0.2
1035	11	GRM5	rs6483229	87903521	112.16	0.37	0.435	G	0.65%	0.16	0.05%	0.7	0.04%	0.72	0.02%	0.77
1036	11	GRM5	rs10501667	87904955	112.16	0.35	0.757	A	0.06%	0.67	0.07%	0.7	0.38%	0.26	0.32%	0.29
1037	11	GRM5	rs178244	87908693	112.16	0.49	0.083	A	0.37%	0.28	0.03%	0.8	0.16%	0.46	0.04%	0.7
1038	11	GRM5	rs905645	87910401	112.16	0.13	0.515	G	0.07%	0.64	0.04%	0.7	0.02%	0.79	0.06%	0.65
1039	11	GRM5	rs308892	87911831	112.16	0.32	0.315	G	0.00%	0.95	0.05%	0.7	0.42%	0.25	0.61%	0.16
1040	11	GRM5	rs2131068	87920854	112.17	0.01	1.000	A	0.03%	0.75	0.25%	0.4	0.37%	0.26	0.12%	0.55
1041	11	GRM5	rs308793	87923538	112.17	0.39	0.069	G	0.23%	0.41	0.04%	0.7	0.00%	0.97	0.01%	0.85
1042	11	GRM5	rs308787	87925352	112.17	0.13	0.539	A	0.03%	0.78	0.00%	1	0.03%	0.75	0.15%	0.49
1043	11	GRM5	rs719182	87929030	112.17	0.14	0.134	C	0.04%	0.75	0.29%	0.4	0.20%	0.43	0.10%	0.57
1044	11	GRM5	rs10501669	87933883	112.17	0.01	1.000	C	0.03%	0.76	0.03%	0.8	0.26%	0.39	0.44%	0.26
1045	11	GRM5	rs308873	87936450	112.17	0.13	0.342	C	1.19%	0.052	0.00%	0.9	0.01%	0.87	0.14%	0.5
1046	11	GRM5	rs10501670	87938932	112.17	0.24	0.842	A	0.06%	0.7	0.14%	0.5	0.00%	1	0.00%	0.92
1047	11	GRM5	rs308875	87942090	112.17	0.40	0.761	G	0.00%	0.98	0.01%	0.9	0.00%	0.95	0.00%	0.95
1048	11	GRM5	rs2133395	87961055	112.18	0.34	0.743	G	0.00%	0.96	0.07%	0.7	0.10%	0.57	0.05%	0.69
1049	11	GRM5	rs1504088	87965452	112.18	0.29	0.855	C	0.06%	0.7	0.02%	0.8	0.18%	0.45	0.21%	0.41
1050	11	GRM5	rs3816649	87977813	112.18	0.09	0.037	T	0.01%	0.86	0.00%	1	0.04%	0.73	0.12%	0.53
1051	11	GRM5	rs1354411	88016449	112.20	0.05	0.005	A	0.12%	0.56	0.02%	0.8	0.00%	0.96	0.01%	0.86
1052	11	GRM5	rs1499043	88032310	112.20	0.01	1.000	A	0.97%	0.138	0.01%	0.8	1.21%	0.024	0.61%	0.117
1053	11	GRM5	rs904462	88070572	112.21	0.10	0.011	A	0.10%	0.56	0.13%	0.5	0.01%	0.88	0.01%	0.88
1054	11	GRM5	rs6483387	88079083	112.22	0.08	0.080	G	0.28%	0.33	0.06%	0.6	0.04%	0.7	0.02%	0.76
1055	11	GRM5	rs3763964	88079420	112.22	0.02	1.000	T	0.06%	0.65	0.02%	0.8	0.25%	0.33	0.13%	0.46
1056	11	GRM5	rs2219746	88082538	112.22	0.27	1.000	G	0.01%	0.89	0.02%	0.8	0.01%	0.84	0.00%	0.95
1057	11	GRM5	rs1993842	88091682	112.22	0.05	0.026	T	0.05%	0.71	0.01%	0.8	0.01%	0.86	0.02%	0.81

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1025	0.30%	0.3	0.04%	0.7	0.07%	0.6	0.47%	0.2	0.14%	0.49	0.17%	0.46	0.02%	0.8	0.81%	0.09
1026	1.47%	0.014	0.14%	0.45	0.04%	0.7	0.05%	0.7	0.00%	0.97	0.13%	0.51	0.56%	0.15	0.17%	0.4
1027	0.54%	0.2	1.00%	0.07	0.62%	0.13	0.06%	0.7	0.40%	0.26	1.68%	0.032	1.27%	0.04	1.03%	0.06
1028	0.66%	0.11	0.05%	0.67	0.17%	0.4	0.02%	0.8	0.00%	0.99	0.29%	0.33	0.00%	1	0.00%	0.9
1029	0.38%	0.3	0.25%	0.37	0.48%	0.2	0.08%	0.6	0.09%	0.6	0.55%	0.21	1.75%	0.014	0.23%	0.4
1030	0.30%	0.3	0.55%	0.16	0.00%	0.9	1.11%	0.05	0.46%	0.21	0.04%	0.73	1.49%	0.03	0.48%	0.2
1031	0.19%	0.4	0.14%	0.48	1.19%	0.05	0.19%	0.4	0.44%	0.24	0.81%	0.126	0.05%	0.7	0.21%	0.4
1032	0.82%	0.09	0.21%	0.39	0.04%	0.7	0.44%	0.2	0.19%	0.42	0.07%	0.63	0.02%	0.8	0.05%	0.7
1033	0.09%	0.6	0.00%	0.9	0.34%	0.3	0.02%	0.8	0.03%	0.74	0.15%	0.47	0.13%	0.5	0.05%	0.7
1034	1.34%	0.03	1.10%	0.054	0.33%	0.3	2.19%	0.007	0.08%	0.62	0.12%	0.55	0.17%	0.5	0.53%	0.2
1035	0.00%	0.9	0.29%	0.3	0.17%	0.4	0.00%	1	0.00%	0.92	0.21%	0.42	0.43%	0.2	0.30%	0.3
1036	0.20%	0.4	0.08%	0.59	0.52%	0.2	0.00%	0.9	0.01%	0.88	0.01%	0.86	0.20%	0.4	0.12%	0.5
1037	0.10%	0.5	0.23%	0.34	0.46%	0.2	1.01%	0.05	0.32%	0.28	0.00%	0.93	0.02%	0.8	0.65%	0.12
1038	0.01%	0.9	0.12%	0.5	0.01%	0.8	0.91%	0.07	0.08%	0.61	0.27%	0.38	0.09%	0.6	0.32%	0.3
1039	0.93%	0.06	0.18%	0.43	0.52%	0.2	0.02%	0.8	0.43%	0.24	0.00%	0.97	0.35%	0.3	0.00%	0.9
1040	0.03%	0.8	0.00%	0.98	0.00%	0.9	0.34%	0.4	0.59%	0.23	0.04%	0.77	0.47%	0.3	0.59%	0.2
1041	0.32%	0.3	0.01%	0.89	0.64%	0.14	0.24%	0.4	0.01%	0.87	0.16%	0.5	0.08%	0.6	0.18%	0.4
1042	0.00%	0.9	0.02%	0.78	0.19%	0.4	0.05%	0.7	1.35%	0.035	0.02%	0.79	0.81%	0.09	0.46%	0.2
1043	0.29%	0.3	0.08%	0.6	0.21%	0.4	0.04%	0.7	0.02%	0.83	0.43%	0.27	0.07%	0.6	0.00%	1
1044	0.45%	0.2	0.08%	0.64	0.28%	0.4	0.68%	0.2	0.04%	0.77	0.00%	1	0.06%	0.7	0.11%	0.6
1045	0.01%	0.9	0.04%	0.71	0.00%	0.9	0.69%	0.13	0.07%	0.64	0.41%	0.28	0.28%	0.3	0.02%	0.8
1046	0.20%	0.4	0.04%	0.72	0.24%	0.4	0.15%	0.5	0.05%	0.7	0.61%	0.19	1.75%	0.02	0.01%	0.9
1047	0.16%	0.4	0.00%	0.98	0.00%	1	0.00%	1	0.10%	0.58	0.44%	0.26	3.55%	0.0005	0.33%	0.3
1048	0.03%	0.7	0.00%	0.91	0.19%	0.4	0.27%	0.3	0.18%	0.46	0.30%	0.36	3.53%	0.0006	0.01%	0.9
1049	0.16%	0.5	0.04%	0.71	0.00%	1	0.23%	0.4	0.09%	0.6	0.73%	0.16	2.23%	0.008	0.05%	0.7
1050	0.61%	0.15	0.02%	0.8	0.24%	0.4	0.00%	0.9	0.11%	0.58	0.50%	0.26	0.34%	0.3	0.36%	0.3
1051	0.13%	0.5	0.02%	0.77	0.34%	0.2	0.24%	0.3	0.00%	0.94	0.00%	0.91	0.42%	0.2	0.09%	0.6
1052	0.06%	0.6	0.00%	0.92	0.09%	0.5	0.05%	0.6	0.16%	0.4	0.17%	0.4	0.02%	0.7	0.13%	0.4
1053	0.15%	0.4	0.03%	0.73	0.14%	0.4	0.08%	0.6	0.04%	0.7	0.05%	0.68	1.04%	0.04	0.13%	0.5
1054	0.09%	0.5	0.00%	1	0.01%	0.9	0.05%	0.6	0.03%	0.75	0.08%	0.6	0.26%	0.3	0.21%	0.3
1055	0.09%	0.6	0.00%	0.93	0.67%	0.08	0.01%	0.8	0.01%	0.85	0.17%	0.42	0.04%	0.7	0.01%	0.8
1056	0.52%	0.2	0.01%	0.86	0.01%	0.9	0.22%	0.4	0.05%	0.69	0.37%	0.31	0.86%	0.1	0.02%	0.8
1057	0.30%	0.3	0.37%	0.27	1.26%	0.04	1.20%	0.04	0.58%	0.22	0.00%	0.97	1.38%	0.03	0.23%	0.4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1058	11	GRM5	rs2169662	88093542	112.22	0.01	1.000	T	0.08%	0.65	0.03%	0.8	0.01%	0.87	0.37%	0.31
1059	11	GRM5	rs1532548	88096475	112.22	0.13	0.340	A	0.33%	0.33	0.56%	0.2	0.20%	0.43	0.29%	0.32
1060	11	GRM5	rs1499177	88097077	112.22	0.34	0.071	A	0.04%	0.74	0.07%	0.7	0.00%	0.94	0.05%	0.7
1061	11	GRM5	rs904493	88104997	112.22	0.25	0.430	C	0.01%	0.89	0.19%	0.5	0.05%	0.68	0.05%	0.7
1062	11	GRM5	rs1000061	88115425	112.23	0.36	1.000	A	0.01%	0.89	0.23%	0.5	0.04%	0.73	0.00%	0.93
1063	11	GRM5	rs10501680	88117162	112.23	0.09	0.368	A	0.15%	0.51	0.45%	0.3	0.33%	0.29	0.00%	0.97
1064	11	GRM5	rs1903851	88120139	112.23	0.11	0.702	T	0.29%	0.37	0.09%	0.6	0.20%	0.42	0.00%	0.99
1065	11	GRM5	rs1903841	88173280	112.25	0.34	0.748	C	0.17%	0.48	0.33%	0.4	0.33%	0.3	0.02%	0.81
1066	11	GRM5	rs645327	88228434	112.26	0.29	1.000	T	0.05%	0.72	0.03%	0.8	0.09%	0.6	0.00%	0.93
1067	11	GRM5	rs547644	88277389	112.28	0.02	1.000	G	0.06%	0.67	0.37%	0.4	0.17%	0.47	0.00%	0.92
1068	11	GRM5	rs167569	88281729	112.28	0.03	1.000	G	0.09%	0.62	0.11%	0.6	0.33%	0.32	0.00%	0.91
1069	11	GRM5	rs10830200	88385087	112.30	0.49	1.000	C	0.59%	0.18	0.00%	1	0.02%	0.79	0.01%	0.85
1070	11	GRM5	rs7126679	88393493	112.30	0.43	0.184	C	0.52%	0.2	0.02%	0.8	0.00%	0.94	0.15%	0.47
1071	11	NCAM1	rs7944570	112350798	132.52	0.18	0.212	C	1.34%	0.04	0.01%	0.9	0.58%	0.16	0.07%	0.63
1072	11	NCAM1	rs12575544	112424195	132.55	0.23	1.000	G	0.01%	0.85	0.06%	0.7	0.45%	0.22	0.06%	0.64
1073	11	NCAM1	rs2509377	112431469	132.55	0.46	0.771	G	2.11%	0.015	0.11%	0.6	0.13%	0.52	0.34%	0.3
1074	11	NCAM1	rs7933413	112464115	132.57	0.20	1.000	A	0.00%	0.93	0.01%	0.9	0.00%	0.91	0.15%	0.48
1075	11	NCAM1	rs10502168	112500642	132.58	0.09	0.675	C	0.00%	1	0.56%	0.2	0.05%	0.68	0.50%	0.21
1076	11	NCAM1	rs1245119	112506871	132.59	0.35	0.271	C	2.47%	0.0061	0.28%	0.4	0.28%	0.33	0.13%	0.51
1077	11	NCAM1	rs4937993	112509872	132.59	0.49	1.000	A	2.01%	0.0147	0.06%	0.7	0.11%	0.54	0.03%	0.74
1078	11	NCAM1	rs1261878	112513530	132.59	0.23	0.232	C	3.39%	0.00094	0.35%	0.3	0.12%	0.52	0.03%	0.76
1079	11	NCAM1	rs10502169	112523618	132.59	0.10	1.000	A	0.00%	0.97	0.00%	1	0.11%	0.54	0.60%	0.16
1080	11	NCAM1	rs10502170	112545328	132.60	0.14	0.541	A	0.06%	0.68	0.16%	0.5	0.31%	0.31	0.24%	0.38
1081	11	NCAM1	rs2043602	112548936	132.60	0.37	0.355	A	1.81%	0.02	0.03%	0.8	0.46%	0.22	0.00%	0.97
1082	11	NCAM1	rs2196456	112561921	132.61	0.22	0.540	T	2.62%	0.0036	0.29%	0.4	0.11%	0.55	0.12%	0.52
1083	11	NCAM1	rs1943620	112570503	132.61	0.38	0.648	G	0.24%	0.4	0.02%	0.8	0.29%	0.33	0.02%	0.79
1084	11	NCAM1	rs1836796	112578570	132.62	0.41	0.882	C	0.08%	0.62	0.11%	0.6	0.21%	0.41	0.41%	0.24
1085	11	NCAM1	rs1821693	112582751	132.62	0.46	0.885	T	0.31%	0.35	0.00%	1	0.32%	0.32	0.05%	0.7
1086	11	NCAM1	rs2850303	112596440	132.62	0.44	1.000	T	0.01%	0.85	0.12%	0.6	0.09%	0.59	0.01%	0.85
1087	11	NCAM1	rs646558	112611117	132.62	0.24	0.838	G	0.00%	0.93	0.11%	0.6	0.06%	0.68	0.22%	0.41
1088	11	NCAM1	rs2303377	112616711	132.62	0.40	0.361	T	0.03%	0.75	0.12%	0.6	0.16%	0.48	0.18%	0.44
1089	11	NCAM1	rs620291	112619068	132.62	0.15	0.782	C	0.15%	0.49	0.92%	0.13	0.25%	0.35	0.11%	0.53
1090	11	NCAM1	rs605843	112630444	136.67	0.26	0.848	A	0.00%	0.91	0.03%	0.8	0.35%	0.29	0.09%	0.57

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1058	0.01%	0.9	0.04%	0.73	0.09%	0.6	0.27%	0.4	0.66%	0.22	0.00%	0.97	0.09%	0.6	0.75%	0.2
1059	0.14%	0.5	0.32%	0.28	0.02%	0.8	0.31%	0.3	0.39%	0.26	0.30%	0.35	0.12%	0.5	0.25%	0.4
1060	0.33%	0.3	0.01%	0.89	0.16%	0.5	0.07%	0.6	0.02%	0.83	0.36%	0.32	0.95%	0.08	0.01%	0.9
1061	0.12%	0.5	0.07%	0.63	0.12%	0.5	0.43%	0.2	0.00%	0.92	0.97%	0.102	0.27%	0.4	0.04%	0.7
1062	0.00%	1	0.03%	0.75	0.00%	0.9	0.48%	0.2	0.23%	0.4	0.76%	0.147	0.01%	0.9	0.05%	0.7
1063	0.01%	0.9	0.04%	0.71	0.05%	0.7	0.10%	0.6	0.00%	0.98	0.01%	0.87	0.31%	0.3	0.00%	0.9
1064	0.01%	0.9	0.14%	0.47	0.13%	0.5	0.03%	0.8	0.12%	0.55	0.00%	0.97	0.41%	0.3	0.04%	0.7
1065	0.85%	0.08	0.02%	0.78	0.00%	1	0.03%	0.7	0.10%	0.55	0.00%	0.94	1.11%	0.05	0.03%	0.7
1066	0.00%	1	0.02%	0.8	0.06%	0.7	0.21%	0.4	0.15%	0.51	0.36%	0.32	0.17%	0.5	0.05%	0.7
1067	0.24%	0.3	0.37%	0.24	0.13%	0.5	0.75%	0.13	1.03%	0.082	0.05%	0.7	0.45%	0.3	0.01%	0.9
1068	0.40%	0.2	0.56%	0.15	0.18%	0.5	1.19%	0.06	0.55%	0.2	0.22%	0.44	0.54%	0.2	0.02%	0.8
1069	0.99%	0.06	0.01%	0.83	0.06%	0.7	0.88%	0.08	0.06%	0.65	0.12%	0.55	0.43%	0.2	0.06%	0.7
1070	0.45%	0.2	0.00%	0.95	0.02%	0.8	0.97%	0.06	0.08%	0.61	0.42%	0.26	0.15%	0.5	0.02%	0.8
1071	0.17%	0.4	0.00%	0.98	0.14%	0.5	0.07%	0.6	0.06%	0.66	0.57%	0.18	0.08%	0.6	0.01%	0.8
1072	0.30%	0.3	0.72%	0.104	0.59%	0.15	0.02%	0.8	0.04%	0.73	0.12%	0.56	0.92%	0.08	0.00%	0.9
1073	0.12%	0.5	0.61%	0.147	0.29%	0.3	0.02%	0.8	0.09%	0.6	0.60%	0.2	0.56%	0.2	0.04%	0.7
1074	0.29%	0.3	0.67%	0.116	0.95%	0.07	0.01%	0.9	0.03%	0.74	0.03%	0.78	0.31%	0.3	0.01%	0.8
1075	0.11%	0.5	0.56%	0.16	0.12%	0.5	0.00%	0.9	0.17%	0.46	0.00%	0.91	0.07%	0.6	0.33%	0.3
1076	0.29%	0.3	0.25%	0.34	0.09%	0.6	0.23%	0.4	0.03%	0.76	0.00%	0.96	0.58%	0.2	0.34%	0.3
1077	0.33%	0.3	0.20%	0.39	0.46%	0.2	0.01%	0.8	0.40%	0.26	0.03%	0.76	0.95%	0.08	0.43%	0.2
1078	0.52%	0.2	0.01%	0.85	0.00%	0.9	0.07%	0.6	0.00%	0.97	0.06%	0.68	0.07%	0.6	0.05%	0.7
1079	0.03%	0.7	0.34%	0.27	0.29%	0.3	0.03%	0.7	0.08%	0.6	0.18%	0.46	0.00%	0.9	0.22%	0.4
1080	0.29%	0.3	0.02%	0.8	0.13%	0.5	0.00%	1	0.17%	0.46	0.54%	0.2	0.00%	1	1.11%	0.05
1081	0.10%	0.6	0.05%	0.68	0.05%	0.7	0.11%	0.5	0.08%	0.61	0.03%	0.77	0.17%	0.5	0.59%	0.2
1082	0.49%	0.2	0.01%	0.88	0.00%	1	0.08%	0.6	0.00%	0.97	0.06%	0.67	0.09%	0.6	0.01%	0.9
1083	0.11%	0.5	0.10%	0.54	0.78%	0.1	0.11%	0.5	0.84%	0.096	0.18%	0.45	0.26%	0.3	0.39%	0.3
1084	0.72%	0.11	0.55%	0.15	0.77%	0.11	0.40%	0.2	0.23%	0.39	0.08%	0.63	0.59%	0.2	0.16%	0.5
1085	0.31%	0.3	0.28%	0.32	1.66%	0.02	0.12%	0.5	0.91%	0.094	0.29%	0.37	0.57%	0.2	0.13%	0.5
1086	0.44%	0.2	0.55%	0.16	0.19%	0.4	0.16%	0.5	0.59%	0.17	0.13%	0.54	0.46%	0.2	0.04%	0.7
1087	0.01%	0.8	0.01%	0.89	0.98%	0.07	0.08%	0.6	0.74%	0.143	0.13%	0.55	0.08%	0.6	0.08%	0.6
1088	0.35%	0.3	0.68%	0.121	0.68%	0.13	0.00%	0.9	0.36%	0.28	0.47%	0.23	0.06%	0.6	0.02%	0.8
1089	0.10%	0.5	0.33%	0.27	0.20%	0.4	0.02%	0.8	0.02%	0.78	0.30%	0.32	0.00%	0.9	0.20%	0.4
1090	0.01%	0.8	0.00%	0.91	0.01%	0.9	0.85%	0.08	0.58%	0.17	0.05%	0.71	0.45%	0.2	0.70%	0.12

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1091	11	NCAM1	rs7951404	112634337	136.68	0.07	1.000	G	0.63%	0.2	0.04%	0.8	0.00%	0.91	0.02%	0.79
1092	11	NCAM1	rs668204	112654852	136.71	0.10	0.689	G	0.52%	0.23	0.00%	1	0.57%	0.19	0.00%	0.91
1093	11	DRD2	rs6279	112786283	136.86	0.31	0.029	G	0.00%	0.96	0.03%	0.8	0.47%	0.21	0.47%	0.21
1094	11	DRD2	rs1076563	112801119	136.88	0.44	0.138	G	0.00%	0.94	0.00%	0.9	0.75%	0.116	0.43%	0.23
1095	11	DRD2	rs7125415	112815891	136.90	0.07	0.110	C	0.00%	0.91	0.25%	0.4	0.04%	0.71	1.74%	0.0114
1096	11	DRD2	rs4648318	112818599		0.30	0.000									
1097	11	DRD2	rs4274224	112824662	136.91	0.45	0.664	A	0.00%	0.94	0.57%	0.2	1.86%	0.018	0.11%	0.56
1098	11	DRD2	rs7131056	112834984	136.92	0.44	0.237	C	0.04%	0.74	0.66%	0.2	0.09%	0.62	0.67%	0.147
1099	11	DRD2	rs4350392	112840927	136.93	0.15	0.161	C	0.22%	0.41	0.04%	0.7	1.63%	0.018	0.07%	0.63
1100	11	DRD2	rs12364283	112852165	136.94	0.08	0.128	A	0.15%	0.47	0.69%	0.14	1.70%	0.0096	0.12%	0.51
1101	11	GRIK4	rs6589829	120036183	154.30	0.40	0.095	T	0.09%	0.6	0.25%	0.4	0.23%	0.36	0.11%	0.52
1102	11	GRIK4	rs7928347	120041103	154.31	0.24	0.226	C	0.23%	0.43	1.13%	0.08	0.00%	0.91	0.28%	0.33
1103	11	GRIK4	rs10502240	120053122	154.34	0.15	0.781	C	0.77%	0.135	0.01%	0.9	0.71%	0.136	0.14%	0.5
1104	11	GRIK4	rs4445646	120061551	154.36	0.41	0.293	T	1.04%	0.07	0.00%	0.9	0.07%	0.63	0.11%	0.53
1105	11	GRIK4	rs7126415	120071745	154.39	0.49	0.471	C	0.20%	0.42	0.00%	0.9	0.74%	0.119	0.69%	0.121
1106	11	GRIK4	rs3133855	120090061	154.44	0.35	0.632	G	0.15%	0.49	0.13%	0.6	0.08%	0.62	0.19%	0.42
1107	11	GRIK4	rs1939664	120090510	154.44	0.45	0.245	A	0.18%	0.45	0.13%	0.5	0.28%	0.34	0.14%	0.49
1108	11	GRIK4	rs949298	120113295	154.50	0.25	0.254	G	0.05%	0.7	0.01%	0.9	0.01%	0.89	1.09%	0.055
1109	11	GRIK4	rs1945010	120122714	154.52	0.37	1.000	C	0.75%	0.133	0.00%	1	0.03%	0.75	0.20%	0.41
1110	11	GRIK4	rs2156762	120129549	154.54	0.32	0.615	T	0.06%	0.69	0.04%	0.8	0.16%	0.48	0.52%	0.18
1111	11	GRIK4	rs3133864	120133222	154.55	0.14	0.379	G	0.00%	0.98	1.76%	0.04	0.13%	0.51	0.28%	0.33
1112	11	GRIK4	rs10502242	120146214	154.58	0.02	1.000	A	0.19%	0.44	0.26%	0.3	1.13%	0.037	0.03%	0.73
1113	11	GRIK4	rs7948804	120148017	154.59	0.15	0.140	T	0.09%	0.58	2.21%	0.007	0.01%	0.87	0.22%	0.37
1114	11	GRIK4	rs948028	120149657	154.59	0.21	0.066	A	0.02%	0.82	2.44%	0.004	0.04%	0.71	0.81%	0.08
1115	11	GRIK4	rs2852217	120152436	154.60	0.23	0.325	T	0.00%	0.95	0.11%	0.6	0.00%	0.99	0.07%	0.63
1116	11	GRIK4	rs1815771	120161689	154.62	0.07	0.065	G	0.77%	0.115	0.95%	0.2	0.20%	0.41	0.00%	0.9
1117	11	GRIK4	rs879602	120161782	154.62	0.12	1.000	A	0.05%	0.71	1.57%	0.05	0.25%	0.39	0.01%	0.9
1118	11	GRIK4	rs3133860	120166388	154.64	0.15	0.158	T	0.00%	0.98	0.10%	0.6	0.18%	0.42	0.19%	0.41
1119	11	GRIK4	rs1954787	120168573	154.64	0.48	1.000	C	0.01%	0.86	0.07%	0.7	0.05%	0.7	0.11%	0.55
1120	11	GRIK4	rs1939670	120184769	154.68	0.12	0.007	A	0.01%	0.89	0.08%	0.6	0.35%	0.25	0.02%	0.77
1121	11	GRIK4	rs4935752	120194329	154.71	0.33	0.871	A	0.26%	0.37	0.03%	0.8	0.03%	0.75	0.28%	0.32
1122	11	GRIK4	rs6589846	120205357	154.71	0.41	0.103	T	0.39%	0.28	0.17%	0.5	0.52%	0.2	0.17%	0.45
1123	11	GRIK4	rs7121233	120222363	154.71	0.35	0.751	T	0.19%	0.45	0.93%	0.12	0.01%	0.88	0.02%	0.79

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1091	0.01%	0.9	0.18%	0.44	0.19%	0.4	0.54%	0.2	0.52%	0.19	0.14%	0.51	0.04%	0.7	1.45%	0.03
1092	0.16%	0.5	0.17%	0.46	0.33%	0.3	0.09%	0.6	0.00%	0.91	0.04%	0.75	0.24%	0.4	0.14%	0.5
1093	0.05%	0.7	0.02%	0.78	0.01%	0.9	0.18%	0.4	0.03%	0.74	0.00%	0.93	1.22%	0.04	0.08%	0.6
1094	0.05%	0.7	0.29%	0.3	0.13%	0.5	0.03%	0.7	0.07%	0.63	0.07%	0.65	0.55%	0.2	0.04%	0.7
1095	0.04%	0.7	0.00%	0.92	0.08%	0.6	1.08%	0.04	0.37%	0.25	1.47%	0.032	0.09%	0.6	0.41%	0.2
1096																
1097	0.04%	0.7	0.34%	0.28	0.92%	0.08	0.40%	0.2	0.14%	0.51	0.04%	0.72	0.04%	0.7	0.10%	0.6
1098	0.67%	0.13	0.39%	0.25	0.13%	0.5	0.83%	0.1	0.16%	0.49	1.36%	0.052	0.02%	0.8	0.06%	0.7
1099	0.20%	0.4	0.06%	0.63	0.66%	0.13	0.88%	0.08	0.04%	0.74	1.00%	0.09	0.00%	0.9	0.10%	0.6
1100	0.27%	0.3	0.05%	0.63	0.00%	0.9	0.16%	0.4	0.03%	0.75	0.28%	0.35	0.00%	0.9	0.09%	0.6
1101	0.27%	0.3	0.02%	0.79	0.01%	0.9	0.14%	0.5	0.00%	0.97	0.00%	0.91	0.06%	0.6	0.01%	0.9
1102	1.80%	0.011	0.18%	0.43	0.36%	0.3	0.05%	0.7	0.00%	0.91	0.13%	0.53	0.32%	0.3	0.10%	0.6
1103	0.50%	0.2	0.89%	0.079	0.64%	0.14	1.02%	0.06	0.75%	0.123	0.68%	0.15	0.65%	0.14	1.11%	0.06
1104	0.05%	0.7	0.00%	0.94	0.02%	0.8	0.71%	0.1	0.03%	0.76	0.20%	0.43	0.01%	0.9	0.00%	0.9
1105	0.01%	0.9	0.01%	0.87	0.07%	0.6	1.31%	0.03	0.16%	0.45	0.11%	0.56	0.68%	0.12	0.39%	0.2
1106	0.00%	1	0.04%	0.7	0.00%	0.9	0.79%	0.1	0.11%	0.56	0.10%	0.57	0.13%	0.5	0.63%	0.2
1107	0.00%	0.9	0.11%	0.53	0.04%	0.7	0.73%	0.1	0.04%	0.71	0.10%	0.56	0.31%	0.3	0.34%	0.3
1108	0.04%	0.7	0.01%	0.88	1.10%	0.05	0.39%	0.2	0.44%	0.23	0.52%	0.21	0.10%	0.6	0.30%	0.3
1109	0.18%	0.4	0.10%	0.55	1.54%	0.02	0.51%	0.2	0.41%	0.25	0.84%	0.113	0.63%	0.15	0.84%	0.09
1110	0.79%	0.09	0.34%	0.28	0.17%	0.4	0.01%	0.9	0.01%	0.84	0.00%	0.92	0.02%	0.8	0.29%	0.3
1111	0.06%	0.6	0.30%	0.3	0.00%	0.9	0.05%	0.7	0.02%	0.77	0.24%	0.37	0.01%	0.8	0.57%	0.2
1112	0.09%	0.6	0.47%	0.18	0.00%	1	0.00%	0.9	0.02%	0.78	0.62%	0.17	0.06%	0.6	0.28%	0.3
1113	0.36%	0.2	0.13%	0.48	0.44%	0.2	0.00%	0.9	0.01%	0.88	1.15%	0.053	0.14%	0.5	0.07%	0.6
1114	0.31%	0.3	0.33%	0.26	0.17%	0.4	0.02%	0.8	0.10%	0.56	0.85%	0.098	0.17%	0.4	0.01%	0.9
1115	0.45%	0.2	0.13%	0.49	1.46%	0.02	0.56%	0.2	0.21%	0.39	1.08%	0.067	0.22%	0.4	0.48%	0.2
1116	0.01%	0.8	0.01%	0.82	1.33%	0.04	0.10%	0.6	0.66%	0.133	0.51%	0.21	0.07%	0.6	0.00%	1
1117	0.02%	0.8	0.12%	0.54	0.64%	0.13	0.04%	0.7	0.05%	0.71	0.03%	0.76	0.19%	0.4	0.02%	0.8
1118	0.07%	0.6	0.08%	0.58	0.05%	0.7	0.04%	0.7	0.26%	0.35	0.53%	0.19	0.15%	0.5	0.76%	0.1
1119	0.09%	0.6	0.09%	0.58	1.48%	0.03	0.24%	0.4	0.39%	0.27	0.12%	0.54	0.36%	0.3	0.63%	0.2
1120	0.02%	0.8	0.04%	0.69	0.06%	0.6	0.03%	0.7	0.18%	0.41	0.06%	0.67	0.24%	0.3	0.01%	0.9
1121	0.23%	0.3	0.00%	0.95	0.14%	0.5	0.22%	0.4	0.62%	0.148	0.52%	0.2	0.31%	0.3	0.08%	0.6
1122	0.05%	0.7	0.22%	0.37	0.51%	0.2	0.27%	0.3	0.10%	0.57	1.04%	0.073	0.60%	0.2	0.00%	1
1123	0.11%	0.5	0.03%	0.74	0.04%	0.7	0.84%	0.08	0.77%	0.11	0.67%	0.143	0.25%	0.4	0.99%	0.07

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1124	11	GRIK4	rs11218030	120225204	154.71	0.19	0.489	A	0.01%	0.88	0.04%	0.8	0.72%	0.143	0.01%	0.84
1125	11	GRIK4	rs4331110	120235879	154.71	0.43	0.371	G	0.00%	1	0.28%	0.4	0.00%	0.91	0.07%	0.63
1126	11	GRIK4	rs4344499	120239629	154.71	0.27	0.711	T	0.01%	0.84	0.23%	0.5	0.05%	0.7	0.21%	0.42
1127	11	GRIK4	rs3802912	120243607	154.71	0.35	0.153	C	0.18%	0.47	0.07%	0.7	0.00%	0.95	0.63%	0.15
1128	11	GRIK4	rs12577602	120260428	154.71	0.18	0.616	G	0.06%	0.69	0.00%	1	0.00%	0.99	0.03%	0.77
1129	11	GRIK4	rs7111184	120276273	154.71	0.36	0.755	T	0.91%	0.124	0.03%	0.8	0.34%	0.32	0.02%	0.81
1130	11	GRIK4	rs2156635	120276878	154.71	0.47	0.558	G	0.07%	0.64	0.16%	0.5	0.02%	0.8	0.08%	0.59
1131	11	GRIK4	rs2156634	120281211	154.72	0.14	0.772	T	0.00%	0.92	0.11%	0.6	0.03%	0.76	0.08%	0.61
1132	11	GRIK4	rs2156633	120292102	154.72	0.31	0.865	A	0.13%	0.57	0.01%	0.9	0.48%	0.25	0.19%	0.46
1133	11	GRIK4	rs949295	120295062	154.72	0.48	0.192	G	0.03%	0.77	0.10%	0.6	0.16%	0.5	0.03%	0.75
1134	11	GRIK4	rs10502243	120300651	154.72	0.16	0.103	G	0.00%	0.96	0.48%	0.3	0.31%	0.3	0.00%	0.92
1135	11	GRIK4	rs949054	120301098	154.72	0.20	0.656	A	0.91%	0.109	0.14%	0.6	0.25%	0.37	0.00%	0.96
1136	11	GRIK4	rs10892647	120309501	154.72	0.31	0.069	A	0.84%	0.12	0.01%	0.9	1.01%	0.071	1.13%	0.053
1137	11	GRIK4	rs602104	120314593	154.72	0.21	0.194	T	0.02%	0.81	0.12%	0.6	0.42%	0.25	0.02%	0.82
1138	11	GRIK4	rs2298724	120328931	154.72	0.31	0.602	T	0.29%	0.35	0.42%	0.3	0.16%	0.47	0.35%	0.28
1139	11	GRIK4	rs734167	120334569	154.72	0.19	0.240	C	1.67%	0.032	0.00%	1	1.80%	0.025	0.07%	0.63
1140	11	GRIK4	rs4936570	120339783	154.72	0.24	0.336	C	0.43%	0.28	0.26%	0.4	5.36%	8.30E-05	0.56%	0.18
1141	11	FEZ1	rs6590145	124823126	162.72	0.15	0.422	G	0.15%	0.49	0.01%	0.9	0.00%	0.96	0.55%	0.17
1142	11	FEZ1	rs11220083	124833570		0.00	1.000									
1143	11	FEZ1	rs12223186	124836849	162.72	0.39	0.450	A	0.07%	0.66	0.00%	1	0.25%	0.37	0.37%	0.27
1144	11	FEZ1	rs2849222	124858699	162.72	0.25	1.000	A	0.10%	0.58	0.62%	0.09	0.06%	0.64	0.09%	0.58
1145	12	GRIN2B	rs1805502	13605448	31.43	0.16	0.094	A	0.03%	0.77	0.00%	1	0.32%	0.32	0.07%	0.64
1146	12	GRIN2B	rs890	13606575	31.43	0.50	0.562	T	0.65%	0.17	0.64%	0.2	0.33%	0.31	0.78%	0.109
1147	12	GRIN2B	rs1805247	13607242	31.43	0.08	0.133	A	0.26%	0.4	0.43%	0.3	0.18%	0.47	0.27%	0.36
1148	12	GRIN2B	rs4764011	13611689	31.43	0.46	0.771	A	0.19%	0.44	0.08%	0.6	0.03%	0.77	0.64%	0.144
1149	12	GRIN2B	rs2268092	13612439	31.43	0.07	0.065	A	0.16%	0.49	0.00%	0.9	0.28%	0.33	0.18%	0.43
1150	12	GRIN2B	rs1806209	13612543	31.43	0.09	0.024	C	0.01%	0.84	0.11%	0.6	0.56%	0.17	0.03%	0.76
1151	12	GRIN2B	rs1806194	13614394	31.43	0.41	0.293	T	0.14%	0.52	0.12%	0.6	0.23%	0.4	0.23%	0.39
1152	12	GRIN2B	rs2193147	13624088	31.43	0.37	0.063	C	0.07%	0.66	0.06%	0.7	0.10%	0.58	0.04%	0.7
1153	12	GRIN2B	rs1805470	13627299	31.43	0.16	0.094	T	0.28%	0.38	0.10%	0.6	0.07%	0.65	0.08%	0.6
1154	12	GRIN2B	rs7970177	13630255	31.43	0.06	1.000	C	0.47%	0.27	0.19%	0.5	0.03%	0.78	0.03%	0.77
1155	12	GRIN2B	rs1805490	13632338	31.43	0.25	0.325	G	0.68%	0.148	0.02%	0.8	0.62%	0.149	0.20%	0.41
1156	12	GRIN2B	rs2268097	13644099	31.43	0.40	0.765	A	0.31%	0.35	0.21%	0.5	0.01%	0.83	0.00%	0.98

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1124	0.08%	0.6	0.01%	0.88	0.03%	0.7	0.43%	0.2	0.36%	0.29	0.14%	0.53	1.17%	0.05	0.37%	0.3
1125	0.31%	0.3	0.01%	0.87	0.09%	0.6	0.02%	0.8	0.81%	0.105	0.20%	0.44	1.71%	0.02	0.71%	0.13
1126	0.11%	0.5	0.31%	0.3	0.03%	0.8	0.05%	0.7	0.05%	0.69	0.07%	0.66	0.13%	0.5	0.10%	0.6
1127	0.04%	0.7	0.04%	0.7	0.99%	0.07	0.42%	0.2	0.98%	0.081	0.03%	0.78	0.90%	0.09	0.61%	0.2
1128	0.03%	0.7	0.01%	0.88	0.06%	0.6	0.01%	0.9	0.00%	0.94	0.14%	0.53	0.00%	1	0.55%	0.2
1129	0.05%	0.7	0.12%	0.53	0.01%	0.8	0.18%	0.5	0.38%	0.3	0.16%	0.51	0.05%	0.7	0.21%	0.4
1130	0.29%	0.3	0.20%	0.39	0.02%	0.8	0.01%	0.9	0.14%	0.48	1.39%	0.036	0.02%	0.8	0.04%	0.7
1131	0.03%	0.8	1.06%	0.057	0.39%	0.3	0.03%	0.8	0.27%	0.35	0.20%	0.44	0.62%	0.15	0.24%	0.4
1132	0.37%	0.3	0.04%	0.72	0.16%	0.5	0.06%	0.6	0.11%	0.57	2.23%	0.0119	1.11%	0.06	0.67%	0.15
1133	0.35%	0.3	0.02%	0.82	0.03%	0.8	0.00%	0.9	0.04%	0.73	0.23%	0.42	0.42%	0.2	0.39%	0.3
1134	0.08%	0.6	0.86%	0.075	0.91%	0.08	0.35%	0.3	0.02%	0.82	0.12%	0.54	0.22%	0.4	0.05%	0.7
1135	0.10%	0.5	0.43%	0.22	0.40%	0.3	0.09%	0.6	0.23%	0.39	0.09%	0.61	0.68%	0.15	1.34%	0.04
1136	0.02%	0.8	0.92%	0.07	0.34%	0.3	0.40%	0.2	0.04%	0.7	0.16%	0.49	0.28%	0.3	0.08%	0.6
1137	0.61%	0.14	0.80%	0.098	0.34%	0.3	0.02%	0.8	0.01%	0.85	1.17%	0.078	0.33%	0.3	0.00%	0.9
1138	0.71%	0.12	2.57%	0.0025	0.43%	0.2	0.21%	0.4	1.62%	0.022	0.01%	0.83	0.16%	0.5	0.28%	0.3
1139	0.04%	0.7	0.04%	0.71	0.04%	0.7	0.00%	1	0.04%	0.71	0.54%	0.21	0.01%	0.8	0.02%	0.8
1140	0.72%	0.11	0.56%	0.17	0.01%	0.9	0.08%	0.6	0.01%	0.83	0.17%	0.48	0.14%	0.5	0.03%	0.7
1141	0.15%	0.5	0.13%	0.49	0.13%	0.4	0.04%	0.6	0.03%	0.75	0.06%	0.67	0.13%	0.5	0.16%	0.4
1142																
1143	0.08%	0.6	0.01%	0.86	1.00%	0.05	0.31%	0.3	0.15%	0.49	0.65%	0.16	0.18%	0.4	1.47%	0.03
1144	0.11%	0.5	0.19%	0.39	0.00%	1	0.78%	0.09	0.25%	0.35	0.76%	0.112	0.00%	0.9	0.33%	0.2
1145	0.04%	0.7	0.01%	0.83	0.02%	0.8	0.00%	1	0.02%	0.79	1.61%	0.032	0.05%	0.7	0.06%	0.7
1146	0.10%	0.6	0.02%	0.77	0.02%	0.8	0.13%	0.5	0.46%	0.22	1.34%	0.043	0.12%	0.5	1.21%	0.04
1147	0.05%	0.7	0.00%	0.95	0.43%	0.2	0.18%	0.4	0.03%	0.78	0.56%	0.22	0.08%	0.6	0.00%	1
1148	0.04%	0.7	0.01%	0.85	0.08%	0.6	0.36%	0.2	0.43%	0.24	0.77%	0.138	0.01%	0.9	0.41%	0.2
1149	0.19%	0.4	0.08%	0.58	0.00%	1	0.01%	0.9	0.01%	0.84	0.11%	0.57	0.63%	0.14	0.02%	0.8
1150	0.04%	0.7	0.00%	0.95	0.24%	0.4	0.07%	0.6	0.01%	0.86	0.00%	0.97	0.11%	0.5	0.13%	0.5
1151	0.11%	0.5	0.00%	0.94	0.37%	0.3	0.14%	0.5	0.50%	0.21	1.25%	0.055	0.19%	0.4	0.16%	0.5
1152	0.11%	0.5	0.01%	0.85	0.42%	0.2	0.01%	0.8	0.31%	0.31	1.20%	0.053	0.36%	0.3	0.35%	0.3
1153	0.02%	0.8	0.03%	0.76	0.00%	0.9	0.20%	0.4	0.54%	0.18	0.18%	0.45	0.70%	0.11	0.81%	0.09
1154	0.05%	0.7	0.11%	0.54	0.02%	0.8	0.05%	0.7	0.30%	0.34	0.15%	0.51	0.09%	0.6	0.32%	0.3
1155	0.01%	0.8	0.00%	0.91	0.11%	0.6	0.00%	0.9	0.25%	0.37	0.14%	0.51	0.16%	0.5	0.00%	1
1156	0.13%	0.5	0.01%	0.85	0.20%	0.4	0.01%	0.9	0.22%	0.4	0.04%	0.72	1.18%	0.05	0.05%	0.7

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1157	12	GRIN2B	rs1805513	13644916	31.43	0.08	0.321	T	0.05%	0.69	0.09%	0.6	0.04%	0.72	0.78%	0.119
1158	12	GRIN2B	rs11611022	13673187	31.43	0.08	0.298	A	0.89%	0.099	0.02%	0.8	0.04%	0.73	0.02%	0.78
1159	12	GRIN2B	rs1805543	13675580	31.43	0.32	0.319	A	0.54%	0.21	0.15%	0.5	0.02%	0.81	0.34%	0.29
1160	12	GRIN2B	rs1805545	13679765	31.43	0.31	1.000	T	0.07%	0.64	0.16%	0.5	0.08%	0.61	0.01%	0.87
1161	12	GRIN2B	rs1805552	13682595	31.43	0.21	0.370	C	0.85%	0.102	0.07%	0.7	0.56%	0.17	0.46%	0.21
1162	12	GRIN2B	rs2268102	13713506	31.43	0.43	0.180	C	0.28%	0.35	0.02%	0.8	0.02%	0.8	0.11%	0.54
1163	12	GRIN2B	rs2284406	13716683	31.43	0.35	0.430	T	0.35%	0.29	0.00%	1	0.11%	0.55	1.35%	0.029
1164	12	GRIN2B	rs2192972	13723783	31.43	0.14	1.000	A	1.55%	0.032	0.07%	0.7	0.06%	0.65	0.25%	0.36
1165	12	GRIN2B	rs1158541	13737940	31.45	0.32	0.737	A	0.20%	0.44	0.81%	0.2	0.23%	0.39	0.11%	0.55
1166	12	GRIN2B	rs2192975	13740061	31.45	0.34	0.428	G	0.23%	0.39	0.28%	0.4	0.00%	0.95	0.08%	0.62
1167	12	GRIN2B	rs10492134	13750149	31.47	0.30	0.723	C	0.07%	0.64	0.44%	0.3	0.51%	0.2	0.05%	0.69
1168	12	GRIN2B	rs2300253	13753218	31.47	0.43	1.000	C	0.47%	0.25	0.00%	0.9	0.22%	0.41	0.49%	0.2
1169	12	GRIN2B	rs2284411	13757439	31.48	0.36	1.000	C	0.21%	0.46	0.02%	0.8	0.03%	0.75	0.05%	0.7
1170	12	GRIN2B	rs741327	13768808	31.49	0.26	0.574	G	0.04%	0.75	0.07%	0.6	0.03%	0.75	0.21%	0.39
1171	12	GRIN2B	rs2268120	13769155	31.49	0.09	0.381	A	0.69%	0.123	0.56%	0.2	0.73%	0.107	0.37%	0.25
1172	12	GRIN2B	rs10845837	13771435	31.49	0.30	0.056	G	0.40%	0.27	0.41%	0.3	0.07%	0.63	0.27%	0.34
1173	12	GRIN2B	rs2216128	13774281	31.50	0.22	0.092	T	0.28%	0.37	0.02%	0.8	0.39%	0.28	0.04%	0.72
1174	12	GRIN2B	rs2268122	13788728	31.52	0.13	0.210	G	0.23%	0.42	0.39%	0.3	0.00%	0.91	0.53%	0.18
1175	12	GRIN2B	rs10492137	13817153	31.55	0.26	0.847	A	0.00%	0.99	0.06%	0.7	1.00%	0.077	0.07%	0.63
1176	12	GRIN2B	rs10845840	13822124	31.56	0.42	0.102	C	0.11%	0.58	1.09%	0.09	0.03%	0.76	0.00%	0.97
1177	12	GRIN2B	rs2268127	13832115	31.57	0.27	0.371	T	0.43%	0.26	0.01%	0.9	0.01%	0.87	0.13%	0.51
1178	12	GRIN2B	rs2284418	13834895	31.57	0.19	0.099	T	0.04%	0.72	0.03%	0.8	0.26%	0.37	0.02%	0.81
1179	12	GRIN2B	rs220557	13839047	31.58	0.35	0.084	A	0.80%	0.116	0.10%	0.6	0.09%	0.58	0.01%	0.89
1180	12	GRIN2B	rs220558	13839332	31.58	0.36	0.044	G	0.74%	0.136	0.18%	0.5	0.04%	0.72	0.20%	0.42
1181	12	GRIN2B	rs2300266	13843034	31.59	0.12	1.000	T	0.03%	0.79	0.06%	0.7	0.15%	0.48	0.04%	0.72
1182	12	GRIN2B	rs2300267	13843198	31.59	0.42	0.188	C	0.86%	0.105	0.01%	0.9	0.29%	0.34	0.02%	0.8
1183	12	GRIN2B	rs220567	13845670	31.59	0.41	0.548	G	0.05%	0.69	0.67%	0.2	0.02%	0.8	0.19%	0.42
1184	12	GRIN2B	rs220599	13866565	31.61	0.34	0.026	G	0.61%	0.17	0.23%	0.4	0.03%	0.74	0.08%	0.61
1185	12	GRIN2B	rs2160733	13872994	31.62	0.18	0.609	A	0.18%	0.48	0.07%	0.7	0.01%	0.89	0.35%	0.3
1186	12	GRIN2B	rs2284425	13880286	31.63	0.28	0.379	G	0.34%	0.31	0.01%	0.9	0.66%	0.15	0.45%	0.21
1187	12	GRIN2B	rs2300273	13881701	31.63	0.45	0.040	C	0.24%	0.41	0.15%	0.5	0.46%	0.23	0.00%	0.97
1188	12	GRIN2B	rs2193509	13887540	31.64	0.38	0.225	C	0.11%	0.55	0.08%	0.6	0.07%	0.63	0.07%	0.62
1189	12	GRIN2B	rs1120905	13895444	31.65	0.35	0.267	T	0.45%	0.23	0.01%	0.9	0.04%	0.72	0.12%	0.52

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1157	0.04%	0.7	0.46%	0.2	0.39%	0.2	0.18%	0.4	0.23%	0.4	0.00%	0.98	0.11%	0.5	1.03%	0.05
1158	0.04%	0.7	0.01%	0.85	0.03%	0.7	0.00%	1	0.43%	0.24	0.28%	0.37	0.74%	0.11	0.38%	0.3
1159	0.00%	1	0.42%	0.23	0.00%	0.9	0.02%	0.8	0.00%	0.94	0.71%	0.141	0.04%	0.7	0.07%	0.6
1160	0.01%	0.8	0.01%	0.87	0.01%	0.8	0.01%	0.8	0.23%	0.38	0.02%	0.8	0.16%	0.5	0.05%	0.7
1161	0.14%	0.5	0.00%	0.9	0.23%	0.4	0.07%	0.6	0.18%	0.44	0.03%	0.78	1.38%	0.03	0.01%	0.8
1162	0.00%	1	0.28%	0.31	0.14%	0.5	0.31%	0.3	0.13%	0.5	0.06%	0.66	0.44%	0.2	0.28%	0.3
1163	0.00%	1	0.11%	0.51	0.02%	0.8	0.33%	0.3	0.02%	0.79	0.14%	0.51	0.26%	0.3	0.11%	0.5
1164	0.03%	0.7	0.03%	0.76	0.01%	0.9	0.01%	0.8	0.00%	0.97	0.05%	0.7	0.40%	0.2	0.03%	0.7
1165	0.04%	0.7	0.02%	0.8	0.02%	0.8	0.00%	1	0.01%	0.86	0.47%	0.25	0.30%	0.3	0.00%	1
1166	0.00%	0.9	0.96%	0.062	1.18%	0.05	0.53%	0.2	0.00%	0.99	0.74%	0.147	0.38%	0.3	0.60%	0.2
1167	0.02%	0.8	0.36%	0.26	0.76%	0.11	0.95%	0.07	0.46%	0.22	0.74%	0.131	0.14%	0.5	0.86%	0.09
1168	0.01%	0.9	0.29%	0.3	0.29%	0.3	0.35%	0.3	0.08%	0.61	0.01%	0.87	0.57%	0.2	0.04%	0.7
1169	0.12%	0.5	0.10%	0.55	0.35%	0.3	0.05%	0.7	0.00%	0.95	0.00%	0.93	0.31%	0.3	0.14%	0.5
1170	0.00%	1	0.00%	0.99	0.05%	0.7	0.01%	0.8	0.15%	0.47	0.17%	0.45	0.00%	1	0.48%	0.2
1171	0.42%	0.2	0.18%	0.42	1.09%	0.05	0.00%	1	0.05%	0.68	0.00%	0.96	0.71%	0.11	0.03%	0.7
1172	0.09%	0.6	0.04%	0.72	0.10%	0.6	0.09%	0.6	0.13%	0.52	0.50%	0.22	0.11%	0.6	0.12%	0.5
1173	0.21%	0.4	0.04%	0.7	0.77%	0.11	0.18%	0.4	0.29%	0.33	0.03%	0.77	0.20%	0.4	0.99%	0.07
1174	0.00%	1	0.48%	0.19	0.08%	0.6	0.53%	0.2	0.00%	0.92	0.15%	0.47	0.21%	0.4	0.74%	0.11
1175	0.38%	0.2	0.16%	0.45	0.53%	0.2	1.03%	0.06	0.01%	0.86	0.57%	0.19	0.26%	0.4	3.70%	0.0004
1176	0.00%	0.9	0.27%	0.32	0.04%	0.7	0.45%	0.2	0.10%	0.57	0.20%	0.42	0.02%	0.8	2.66%	0.003
1177	0.00%	0.9	0.56%	0.17	0.21%	0.4	0.10%	0.6	0.96%	0.082	0.00%	0.97	0.11%	0.5	0.67%	0.14
1178	0.18%	0.4	0.08%	0.58	0.01%	0.9	0.01%	0.8	0.48%	0.2	0.10%	0.58	0.30%	0.3	0.20%	0.4
1179	0.02%	0.8	1.02%	0.054	0.03%	0.7	0.07%	0.6	0.79%	0.1	0.12%	0.52	0.00%	1	0.57%	0.2
1180	0.01%	0.9	1.02%	0.057	0.03%	0.8	0.00%	1	0.46%	0.22	0.24%	0.39	0.02%	0.8	0.49%	0.2
1181	0.02%	0.8	0.41%	0.23	0.01%	0.8	0.02%	0.8	0.05%	0.68	0.52%	0.22	0.62%	0.2	0.46%	0.2
1182	0.09%	0.6	1.11%	0.048	1.30%	0.04	0.18%	0.4	1.21%	0.045	0.00%	0.95	0.03%	0.7	0.10%	0.6
1183	0.02%	0.8	0.32%	0.27	0.18%	0.4	0.48%	0.2	0.63%	0.133	0.01%	0.85	0.17%	0.4	0.74%	0.1
1184	0.01%	0.9	1.26%	0.032	0.10%	0.6	0.03%	0.7	0.40%	0.24	0.31%	0.31	0.00%	1	0.28%	0.3
1185	0.27%	0.3	0.25%	0.37	0.28%	0.3	0.17%	0.5	0.04%	0.72	0.17%	0.47	0.03%	0.8	0.40%	0.3
1186	0.11%	0.5	0.01%	0.87	0.01%	0.9	0.20%	0.4	0.80%	0.104	0.39%	0.26	0.02%	0.8	0.00%	0.9
1187	0.06%	0.6	0.31%	0.29	0.20%	0.4	0.00%	0.9	1.38%	0.032	0.02%	0.81	0.27%	0.3	0.90%	0.08
1188	0.26%	0.3	1.36%	0.025	0.01%	0.9	0.11%	0.5	0.45%	0.21	0.02%	0.8	0.10%	0.5	0.98%	0.06
1189	0.26%	0.3	2.18%	0.0043	0.14%	0.5	0.17%	0.4	1.13%	0.045	0.01%	0.88	0.02%	0.8	1.08%	0.05

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1190	12	GRIN2B	rs2193511	13896054	31.65	0.36	0.200	G	0.42%	0.28	0.02%	0.8	0.25%	0.38	0.02%	0.78
1191	12	GRIN2B	rs2284428	13901181	31.66	0.14	1.000	A	0.03%	0.78	0.00%	0.9	0.39%	0.28	0.05%	0.7
1192	12	GRIN2B	rs10772713	13903800	31.66	0.38	0.218	G	0.19%	0.46	0.14%	0.6	0.52%	0.21	0.02%	0.81
1193	12	GRIN2B	rs2300279	13907309	31.67	0.30	0.288	A	0.17%	0.5	0.18%	0.5	0.16%	0.48	0.39%	0.28
1194	12	GRIN2B	rs7301328	13910044	31.67	0.44	0.303	G	0.20%	0.42	0.00%	0.9	0.07%	0.62	0.12%	0.52
1195	12	GRIN2B	rs10845852	13918404	31.68	0.17	0.790	C	0.13%	0.55	0.10%	0.6	0.95%	0.087	0.00%	0.99
1196	12	GRIN2B	rs10772715	13929270	31.69	0.41	0.007	G	0.03%	0.77	0.06%	0.7	0.00%	0.92	0.10%	0.58
1197	12	GRIN2B	rs10492141	13936517	31.70	0.31	0.056	T	0.39%	0.29	0.02%	0.8	0.09%	0.58	0.16%	0.47
1198	12	GRIN2B	rs11055673	13945279	31.72	0.17	0.301	G	0.11%	0.56	0.26%	0.4	0.04%	0.7	0.22%	0.4
1199	12	GRIN2B	rs4764038	13953904	31.73	0.23	0.843	G	0.01%	0.86	0.00%	1	0.85%	0.084	0.04%	0.69
1200	12	GRIN2B	rs2216344	13961423	31.74	0.47	0.243	G	0.07%	0.64	0.83%	0.14	0.55%	0.18	0.01%	0.83
1201	12	GRIN2B	rs2160729	13963111	31.74	0.28	1.000	T	0.16%	0.47	0.03%	0.8	1.20%	0.045	0.02%	0.81
1202	12	GRIN2B	rs219891	13977415	31.76	0.13	1.000	C	1.04%	0.083	0.03%	0.8	0.13%	0.5	0.00%	0.98
1203	12	GRIN2B	rs219904	13984155	31.76	0.46	0.770	C	0.24%	0.37	0.00%	0.9	0.25%	0.35	0.12%	0.51
1204	12	GRIN2B	rs219912	13986655	31.77	0.41	0.460	G	0.41%	0.25	0.04%	0.7	0.58%	0.16	0.00%	0.92
1205	12	GRIN2B	rs219934	14004982	31.79	0.46	0.883	G	0.45%	0.23	0.02%	0.8	0.17%	0.44	0.16%	0.45
1206	12	GRIN2B	rs12829455	14005924	31.79	0.49	0.385	G	0.51%	0.2	0.01%	0.9	0.40%	0.23	0.03%	0.74
1207	12	GRIN2B	rs1895056	14029302	31.82	0.26	0.849	T	0.05%	0.71	1.01%	0.12	0.05%	0.69	0.01%	0.86
1208	12	BLOC1S1	rs4457792	54396053	73.66	0.07	0.576	G	0.44%	0.25	0.16%	0.5	0.02%	0.81	0.00%	0.92
1209	12	BLOC1S1	rs941022	54397591	73.66	0.49	0.006	G	0.32%	0.31	0.05%	0.7	0.10%	0.56	0.04%	0.69
1210	12	BLOC1S1	rs3138136	54403837	73.66	0.06	1.000	G	0.13%	0.53	0.04%	0.7	0.00%	0.9	0.15%	0.47
1211	12	EEA1	rs10507017	91689067	106.36	0.08	1.000	G	1.21%	0.054	0.88%	0.14	0.83%	0.099	0.04%	0.71
1212	12	EEA1	rs10507018	91699244	106.37	0.13	0.765	A	0.00%	0.93	0.02%	0.8	0.12%	0.53	0.01%	0.89
1213	12	EEA1	rs11106700	91713188	106.39	0.37	0.647	T	0.15%	0.52	0.07%	0.7	0.44%	0.23	0.03%	0.77
1214	12	EEA1	rs1995169	91769607	106.46	0.06	0.439	A	1.14%	0.066	0.03%	0.8	0.16%	0.48	0.51%	0.19
1215	12	EEA1	rs7965897	91783407	106.48	0.07	0.209	G	0.45%	0.29	0.65%	0.3	0.04%	0.73	0.29%	0.31
1216	12	DAO	rs2070587	107801872	131.20	0.24	1.000	T	0.00%	0.96	0.47%	0.3	0.01%	0.89	0.00%	0.98
1217	12	DAO	rs6539458	107804967	131.20	0.06	0.450	C	0.61%	0.22	0.16%	0.5	0.12%	0.54	0.00%	0.99
1218	12	DAO	rs11830725	107811857	131.21	0.10	0.687	T	0.18%	0.52	0.03%	0.8	0.06%	0.69	0.05%	0.71
1219	12	DAO	rs3918347	107817449	131.22	0.30	0.860	A	0.67%	0.17	1.21%	0.08	0.71%	0.144	0.02%	0.83
1220	13	HTR2A	rs7333412	46301361	48.87	0.27	0.057	A	0.02%	0.82	0.53%	0.2	0.09%	0.61	0.33%	0.29
1221	13	HTR2A	rs3125	46306852	48.92	0.14	1.000	G	0.32%	0.32	0.09%	0.6	0.01%	0.87	0.12%	0.54
1222	13	HTR2A	rs977003	46313002	48.93	0.46	0.770	T	0.35%	0.32	0.60%	0.2	0.02%	0.83	0.01%	0.86

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1190	0.96%	0.07	1.50%	0.026	0.00%	0.9	0.07%	0.6	0.01%	0.84	0.06%	0.69	0.03%	0.8	0.06%	0.7
1191	0.12%	0.5	0.45%	0.22	0.90%	0.09	0.00%	1	0.05%	0.7	0.01%	0.9	0.06%	0.7	0.08%	0.6
1192	0.27%	0.3	1.75%	0.0144	0.00%	1	0.08%	0.6	0.00%	0.92	0.00%	1	0.72%	0.13	0.25%	0.4
1193	0.60%	0.2	1.60%	0.022	0.00%	0.9	0.10%	0.6	0.00%	0.92	0.34%	0.33	0.06%	0.7	0.26%	0.4
1194	0.00%	0.9	1.17%	0.039	0.18%	0.4	0.03%	0.7	0.53%	0.18	0.33%	0.3	0.01%	0.9	0.01%	0.8
1195	0.04%	0.7	1.40%	0.028	0.42%	0.2	0.27%	0.4	0.15%	0.5	0.07%	0.65	1.09%	0.06	0.16%	0.5
1196	0.19%	0.4	0.86%	0.082	0.09%	0.6	0.36%	0.3	0.00%	0.93	0.29%	0.35	0.12%	0.5	1.05%	0.06
1197	0.36%	0.3	1.94%	0.0087	0.09%	0.6	0.28%	0.3	0.24%	0.38	0.06%	0.68	0.03%	0.8	0.57%	0.2
1198	0.41%	0.2	2.26%	0.0037	0.03%	0.7	0.95%	0.06	0.03%	0.75	0.01%	0.89	0.02%	0.8	0.47%	0.2
1199	0.17%	0.4	1.29%	0.025	0.04%	0.7	0.53%	0.2	1.05%	0.052	0.00%	0.99	0.02%	0.8	1.17%	0.04
1200	0.54%	0.2	2.00%	0.0059	0.00%	1	0.21%	0.4	0.15%	0.46	0.12%	0.53	0.05%	0.7	0.03%	0.7
1201	0.36%	0.2	1.62%	0.0142	0.07%	0.6	0.20%	0.4	0.66%	0.131	0.03%	0.78	0.00%	0.9	0.64%	0.13
1202	0.01%	0.9	0.43%	0.2	0.73%	0.12	0.01%	0.8	0.04%	0.7	0.02%	0.81	0.00%	1	0.01%	0.8
1203	0.15%	0.4	1.88%	0.007	0.00%	0.9	0.00%	0.9	0.14%	0.48	0.60%	0.149	0.09%	0.6	0.06%	0.6
1204	0.62%	0.12	0.63%	0.118	0.13%	0.5	0.05%	0.7	0.53%	0.18	0.57%	0.17	0.08%	0.6	0.36%	0.3
1205	0.23%	0.4	1.92%	0.0076	0.02%	0.8	0.10%	0.5	0.12%	0.52	0.48%	0.21	0.04%	0.7	0.03%	0.7
1206	0.71%	0.1	2.45%	0.002	0.06%	0.6	0.00%	1	0.37%	0.24	0.37%	0.26	0.01%	0.9	0.25%	0.3
1207	0.39%	0.3	0.01%	0.85	0.33%	0.3	0.10%	0.6	0.30%	0.33	0.47%	0.24	0.08%	0.6	0.00%	0.9
1208	0.21%	0.4	0.05%	0.67	1.54%	0.02	0.02%	0.8	0.01%	0.83	0.14%	0.5	0.05%	0.7	0.01%	0.9
1209	0.03%	0.8	0.24%	0.35	0.14%	0.5	0.00%	0.9	0.00%	0.96	0.00%	0.98	0.01%	0.8	0.00%	1
1210	0.14%	0.5	0.02%	0.81	0.49%	0.2	0.14%	0.5	0.00%	0.95	0.46%	0.23	0.03%	0.7	0.08%	0.6
1211	0.53%	0.2	0.18%	0.43	0.27%	0.3	0.01%	0.9	0.16%	0.48	0.38%	0.3	0.36%	0.3	0.53%	0.2
1212	0.88%	0.07	0.03%	0.75	0.36%	0.3	0.43%	0.2	0.17%	0.45	0.07%	0.64	0.33%	0.3	0.57%	0.2
1213	0.12%	0.5	0.00%	0.99	0.17%	0.5	0.30%	0.3	0.04%	0.7	0.29%	0.34	0.46%	0.2	0.00%	1
1214	0.26%	0.3	0.43%	0.23	1.07%	0.07	0.16%	0.5	0.00%	0.97	0.30%	0.38	0.17%	0.5	1.04%	0.07
1215	0.70%	0.1	0.08%	0.6	0.04%	0.7	0.31%	0.3	0.15%	0.48	0.08%	0.61	0.00%	0.9	0.05%	0.7
1216	0.23%	0.4	0.00%	0.93	0.64%	0.14	0.00%	1	0.36%	0.29	0.99%	0.091	0.20%	0.4	0.94%	0.08
1217	0.78%	0.1	0.00%	0.98	0.90%	0.09	0.07%	0.6	0.00%	0.98	0.23%	0.42	1.68%	0.02	0.00%	1
1218	0.07%	0.6	0.38%	0.28	1.68%	0.02	0.13%	0.5	0.20%	0.45	0.56%	0.22	4.99%	0.00011	0.31%	0.3
1219	0.53%	0.2	0.50%	0.19	0.27%	0.4	0.10%	0.6	0.57%	0.19	0.02%	0.82	0.15%	0.5	0.91%	0.09
1220	0.00%	0.9	0.02%	0.77	0.04%	0.7	0.13%	0.5	0.05%	0.69	0.14%	0.52	0.03%	0.7	0.15%	0.5
1221	0.08%	0.6	0.02%	0.81	0.05%	0.7	0.00%	1	0.13%	0.52	0.01%	0.85	0.31%	0.3	0.05%	0.7
1222	0.05%	0.7	0.17%	0.46	0.01%	0.8	0.38%	0.3	0.00%	0.91	0.10%	0.59	0.27%	0.4	0.00%	0.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1223	13	HTR2A	rs1923886	46321292	48.94	0.45	0.465	T	1.05%	0.075	0.00%	1	0.25%	0.37	0.04%	0.72
1224	13	HTR2A	rs2296972	46326472	48.94	0.33	0.609	G	0.72%	0.16	0.03%	0.8	0.37%	0.28	0.36%	0.27
1225	13	HTR2A	rs9316233	46331356	48.95	0.24	0.436	C	0.47%	0.23	1.08%	0.09	2.34%	0.0055	0.61%	0.14
1226	13	HTR2A	rs659734	46333284	48.95	0.10	0.094	T	0.80%	0.13	0.17%	0.5	0.49%	0.21	0.39%	0.25
1227	13	HTR2A	rs1928042	46335217	48.96	0.24	1.000	A	0.04%	0.74	0.13%	0.5	0.77%	0.095	0.04%	0.7
1228	13	HTR2A	rs582385	46343995	48.97	0.17	1.000	T	0.03%	0.76	0.24%	0.4	1.20%	0.034	0.05%	0.66
1229	13	HTR2A	rs985933	46353864	48.98	0.39	1.000	C	0.06%	0.67	0.69%	0.2	3.67%	0.00047	0.03%	0.75
1230	13	HTR2A	rs9534505	46358745	48.99	0.10	1.000	G	0.90%	0.127	1.17%	0.08	1.39%	0.034	0.29%	0.33
1231	13	HTR2A	rs2070036	46364951	49.00	0.02	0.054	T	0.04%	0.74	1.33%	0.11	4.32%	0.00046	0.06%	0.69
1232	13	HTR2A	rs6313	46367941	49.00	0.42	1.000	C	0.31%	0.35	0.31%	0.4	0.78%	0.126	0.01%	0.86
1233	13	HTR2A	rs1328685	46369891	49.00	0.14	0.250	A	0.31%	0.34	0.02%	0.8	0.68%	0.135	0.26%	0.34
1234	13	HTR2A	rs4142900	46371551	49.01	0.45	1.000	G	0.08%	0.63	0.14%	0.6	0.00%	0.93	0.21%	0.41
1235	13	DAOA	rs1341402	104913510	114.27	0.25	0.260	T	0.29%	0.36	0.37%	0.3	0.24%	0.4	0.06%	0.67
1236	13	DAOA	rs1341403	104914808	114.29	0.34	0.246	C	0.50%	0.21	0.26%	0.4	0.29%	0.32	0.11%	0.55
1237	13	DAOA	rs2391191	104917447	114.33	0.31	0.126	G	0.45%	0.23	0.23%	0.4	0.22%	0.39	0.00%	0.93
1238	13	DAOA	rs1539070	104922458	114.41	0.17	0.458	C	0.02%	0.79	0.00%	0.9	1.30%	0.045	1.25%	0.042
1239	13	DAOA	rs3916968	104925530	114.42	0.31	0.501	G	0.14%	0.52	0.00%	0.9	1.77%	0.017	1.38%	0.029
1240	13	DAOA	rs701567	104939996	114.43	0.50	0.248	A	0.20%	0.44	0.01%	0.9	0.15%	0.48	0.58%	0.16
1241	13	DAOA	rs778294	104940236	114.43	0.33	1.000	G	0.04%	0.72	0.58%	0.2	0.14%	0.52	0.40%	0.26
1242	14	AKT1	rs2498804	104304140	126.54	0.31	0.500	G	0.00%	0.97	0.56%	0.2	1.13%	0.054	0.28%	0.33
1243	14	AKT1	rs2494732	104310237	126.55	0.40	0.357	T	0.41%	0.28	0.42%	0.3	0.93%	0.101	0.85%	0.099
1244	14	AKT1	rs1130214	104330779	126.61	0.28	0.468	G	0.07%	0.66	0.71%	0.2	0.23%	0.41	1.98%	0.0115
1245	15	CHRNA7	rs3087454	30108259	21.81	0.36	0.341	T	1.46%	0.036	0.19%	0.5	0.24%	0.38	0.34%	0.28
1246	15	CHRNA7	rs6494165	30108578	21.81	0.05	1.000	T	0.63%	0.16	0.00%	0.9	0.00%	0.93	0.01%	0.88
1247	15	CHRNA7	rs3826029	30108777	21.82	0.22	0.531	G	3.61%	0.00065	0.08%	0.6	0.06%	0.65	0.14%	0.47
1248	15	CHRNA7	rs885071	30111868	21.82	0.21	0.399	C	3.64%	0.00057	0.29%	0.4	0.03%	0.74	0.17%	0.44
1249	15	CHRNA7	rs883473	30112968	21.82	0.35	0.424	C	1.54%	0.029	0.01%	0.9	0.26%	0.36	0.27%	0.34
1250	15	CHRNA7	rs8037484	30134166	21.84	0.30	0.604	G	1.35%	0.037	0.00%	0.9	0.01%	0.85	0.18%	0.42
1251	15	CHRNA7	rs4779970	30137170	21.85	0.07	1.000	T	0.52%	0.23	0.10%	0.6	0.00%	0.92	0.03%	0.74
1252	15	CHRNA7	rs982574	30161315	21.87	0.13	1.000	C	0.06%	0.69	0.28%	0.4	0.12%	0.56	0.09%	0.6
1253	15	CHRNA7	rs12914788	30163729	21.88	0.11	1.000	A	0.31%	0.36	0.12%	0.6	0.18%	0.48	0.01%	0.84
1254	15	CHRNA7	rs2133965	30171846	21.88	0.10	1.000	C	0.11%	0.6	0.23%	0.4	0.02%	0.79	0.01%	0.83
1255	15	CHRNA7	rs8035668	30178638	21.89	0.20	1.000	A	0.01%	0.85	0.00%	1	0.19%	0.44	0.11%	0.54

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1223	0.00%	0.9	0.01%	0.88	0.01%	0.8	0.25%	0.3	0.16%	0.47	0.18%	0.47	1.53%	0.02	0.18%	0.4
1224	0.30%	0.3	0.02%	0.8	0.10%	0.6	0.39%	0.2	0.17%	0.46	0.00%	0.93	0.07%	0.6	0.01%	0.8
1225	0.02%	0.8	0.04%	0.69	0.60%	0.13	1.29%	0.03	0.58%	0.16	2.60%	0.0037	0.43%	0.2	0.16%	0.4
1226	0.08%	0.6	0.04%	0.69	0.40%	0.2	0.22%	0.4	0.02%	0.78	0.45%	0.24	0.01%	0.8	0.01%	0.8
1227	0.39%	0.2	0.33%	0.26	0.48%	0.2	1.78%	0.012	1.64%	0.019	0.05%	0.69	0.25%	0.4	0.43%	0.2
1228	0.55%	0.14	0.23%	0.34	0.26%	0.3	1.45%	0.02	0.45%	0.21	0.02%	0.81	0.13%	0.5	0.28%	0.3
1229	0.29%	0.3	0.12%	0.5	1.02%	0.05	1.30%	0.03	1.00%	0.062	1.25%	0.046	0.33%	0.3	0.03%	0.8
1230	0.65%	0.13	0.33%	0.29	0.12%	0.5	0.00%	1	0.18%	0.44	0.00%	0.93	0.01%	0.9	0.16%	0.5
1231	0.10%	0.6	0.01%	0.85	0.00%	1	0.14%	0.5	0.73%	0.147	0.24%	0.43	0.28%	0.4	0.27%	0.4
1232	1.99%	0.009	0.01%	0.87	0.15%	0.5	0.03%	0.8	0.18%	0.45	0.80%	0.128	0.00%	0.9	0.03%	0.7
1233	0.03%	0.7	0.25%	0.33	0.58%	0.13	0.03%	0.8	0.28%	0.33	0.80%	0.112	0.09%	0.6	0.00%	1
1234	2.29%	0.005	0.04%	0.7	0.01%	0.8	0.00%	0.9	0.05%	0.7	0.11%	0.57	0.15%	0.5	0.04%	0.7
1235	0.27%	0.3	0.43%	0.22	0.08%	0.6	0.02%	0.8	0.02%	0.83	0.00%	0.93	0.00%	1	0.39%	0.3
1236	1.83%	0.01	1.11%	0.044	0.88%	0.07	1.16%	0.04	1.50%	0.025	0.21%	0.42	0.14%	0.5	0.22%	0.4
1237	1.80%	0.01	1.21%	0.034	1.34%	0.03	0.77%	0.09	0.95%	0.072	0.33%	0.31	0.28%	0.3	0.07%	0.6
1238	0.11%	0.5	0.13%	0.5	0.00%	1	0.00%	0.9	0.10%	0.56	0.04%	0.72	0.05%	0.7	0.33%	0.3
1239	0.39%	0.2	1.17%	0.039	1.52%	0.02	0.04%	0.7	0.96%	0.078	0.47%	0.24	0.02%	0.8	0.02%	0.8
1240	0.13%	0.5	0.36%	0.25	0.76%	0.1	0.09%	0.6	0.18%	0.43	0.98%	0.085	0.00%	1	0.20%	0.4
1241	1.41%	0.02	0.06%	0.66	0.00%	0.9	0.37%	0.3	0.01%	0.89	0.00%	0.92	0.58%	0.2	0.75%	0.11
1242	0.00%	0.9	0.10%	0.55	0.06%	0.7	1.73%	0.014	0.06%	0.65	0.54%	0.2	1.28%	0.04	0.14%	0.5
1243	0.00%	0.9	0.00%	0.99	0.05%	0.7	2.31%	0.006	0.27%	0.37	0.01%	0.87	0.58%	0.2	1.04%	0.07
1244	0.05%	0.7	0.18%	0.43	0.10%	0.6	0.74%	0.11	0.72%	0.121	0.08%	0.61	0.04%	0.7	1.09%	0.05
1245	0.02%	0.8	0.08%	0.59	0.04%	0.7	0.22%	0.4	0.06%	0.66	0.02%	0.79	0.02%	0.8	0.22%	0.4
1246	0.15%	0.5	0.02%	0.77	0.12%	0.5	0.15%	0.5	0.17%	0.45	0.45%	0.24	0.12%	0.5	0.68%	0.14
1247	0.06%	0.6	0.13%	0.48	0.28%	0.3	0.38%	0.2	0.01%	0.89	0.04%	0.73	0.15%	0.5	0.39%	0.2
1248	0.03%	0.8	0.24%	0.34	0.15%	0.5	0.49%	0.2	0.13%	0.51	0.13%	0.52	0.17%	0.4	0.50%	0.2
1249	0.01%	0.9	0.10%	0.54	0.06%	0.6	0.18%	0.4	0.16%	0.47	0.09%	0.61	0.04%	0.7	0.33%	0.3
1250	0.12%	0.5	0.12%	0.49	0.17%	0.4	0.20%	0.4	0.07%	0.62	0.00%	0.97	0.00%	0.9	0.02%	0.8
1251	0.42%	0.2	0.03%	0.74	0.03%	0.8	0.36%	0.3	0.13%	0.52	0.77%	0.136	0.86%	0.09	0.81%	0.1
1252	0.02%	0.8	0.05%	0.7	0.01%	0.9	0.31%	0.3	0.10%	0.59	0.01%	0.91	1.71%	0.02	0.00%	0.9
1253	0.07%	0.6	0.07%	0.63	0.11%	0.6	0.24%	0.4	0.34%	0.32	0.02%	0.83	0.37%	0.3	0.00%	1
1254	0.26%	0.3	0.04%	0.71	0.01%	0.9	0.34%	0.3	0.01%	0.88	0.14%	0.52	0.26%	0.3	0.03%	0.7
1255	0.86%	0.09	0.17%	0.45	0.65%	0.15	0.21%	0.4	0.01%	0.84	0.96%	0.102	0.07%	0.6	0.13%	0.5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1256	15	CHRNA7	rs9788657	30182318	21.90	0.20	0.810	C	0.00%	0.96	0.01%	0.9	0.16%	0.47	0.06%	0.65
1257	15	CHRNA7	rs8028396	30184013	21.90	0.35	1.000	G	0.11%	0.57	0.25%	0.4	0.50%	0.2	0.02%	0.81
1258	15	CHRNA7	rs10438342	30189338	21.90	0.36	0.529	G	0.61%	0.18	0.00%	0.9	0.49%	0.21	0.22%	0.38
1259	15	CHRNA7	rs11858834	30190213	21.90	0.22	1.000	A	0.80%	0.123	0.23%	0.4	0.40%	0.27	0.01%	0.86
1260	15	CHRNA7	rs12915695	30190637	21.90	0.15	0.009	G	0.00%	0.89	0.02%	0.8	0.24%	0.3	0.54%	0.12
1261	15	CHRNA7	rs16956223	30198075	21.91	0.15	0.239	G	0.00%	0.93	0.04%	0.7	0.09%	0.56	0.03%	0.75
1262	15	CHRNA7	rs7170028	30212293	21.93	0.47	1.000	C	0.11%	0.57	1.13%	0.09	0.28%	0.34	0.01%	0.87
1263	15	CHRNA7	rs1909884	30226590	21.94	0.39	0.442	C	0.91%	0.084	0.85%	0.12	0.10%	0.55	0.23%	0.36
1264	15	CHRNA7	rs2337980	30231488	21.95	0.41	0.457	C	0.01%	0.87	0.16%	0.5	0.02%	0.8	0.09%	0.58
1265	16	GRIN2A	rs2267770	9773460	27.74	0.39	0.450	C	0.31%	0.34	0.02%	0.8	0.28%	0.35	0.23%	0.39
1266	16	GRIN2A	rs10492827	9776259	27.74	0.20	0.823	A	0.31%	0.34	0.03%	0.8	0.12%	0.54	0.60%	0.16
1267	16	GRIN2A	rs9933832	9856135	27.74	0.31	0.303	G	0.03%	0.78	1.87%	0.04	0.36%	0.31	0.52%	0.21
1268	16	GRIN2A	rs2267795	9878376	27.74	0.30	0.379	A	0.42%	0.29	1.15%	0.1	1.15%	0.075	0.29%	0.35
1269	16	GRIN2A	rs968301	9881867	27.74	0.33	1.000	C	0.34%	0.33	0.78%	0.2	0.01%	0.87	0.00%	0.95
1270	16	GRIN2A	rs7189130	9886053	27.74	0.27	0.348	A	0.26%	0.4	0.20%	0.5	0.79%	0.128	0.50%	0.21
1271	16	GRIN2A	rs9938172	9909920	27.74	0.37	0.753	C	0.00%	0.98	0.87%	0.15	0.15%	0.51	0.63%	0.17
1272	16	GRIN2A	rs4782039	9914468	27.74	0.26	0.584	T	0.99%	0.092	0.12%	0.6	0.01%	0.85	0.20%	0.42
1273	16	GRIN2A	rs2315510	9928092	27.74	0.09	0.392	G	0.74%	0.131	1.11%	0.09	0.01%	0.85	0.26%	0.33
1274	16	GRIN2A	rs11074504	9941777	27.74	0.43	0.657	T	0.03%	0.77	0.07%	0.7	0.28%	0.35	0.28%	0.33
1275	16	GRIN2A	rs10500369	9944975	27.74	0.21	0.383	G	1.64%	0.034	1.11%	0.09	0.00%	0.93	0.22%	0.41
1276	16	GRIN2A	rs4782090	9955433	27.74	0.11	0.699	T	0.42%	0.24	0.02%	0.8	0.44%	0.21	0.23%	0.36
1277	16	GRIN2A	rs884918	9967327	27.74	0.45	0.765	T	0.29%	0.35	0.67%	0.2	0.08%	0.62	0.01%	0.82
1278	16	GRIN2A	rs3104703	9972637	27.74	0.46	0.561	T	1.00%	0.084	1.75%	0.02	0.06%	0.67	0.00%	0.9
1279	16	GRIN2A	rs11641062	9990252	27.75	0.44	1.000	C	0.05%	0.69	0.00%	1	1.46%	0.029	0.12%	0.51
1280	16	GRIN2A	rs2243716	9995650	27.75	0.16	0.177	A	0.13%	0.52	1.06%	0.1	1.15%	0.049	0.03%	0.74
1281	16	GRIN2A	rs3848328	10002888	27.77	0.31	0.736	G	0.00%	0.96	1.08%	0.09	0.00%	0.93	0.00%	0.92
1282	16	GRIN2A	rs1237957	10004371	27.77	0.16	0.380	G	0.06%	0.66	0.05%	0.7	0.67%	0.129	0.06%	0.66
1283	16	GRIN2A	rs844395	10010407	27.78	0.40	1.000	C	0.27%	0.35	0.65%	0.2	0.04%	0.73	0.36%	0.24
1284	16	GRIN2A	rs1969060	10024638	27.80	0.22	1.000	T	0.21%	0.42	0.46%	0.3	0.15%	0.46	0.06%	0.65
1285	16	GRIN2A	rs8052800	10040290	27.83	0.47	0.382	C	0.01%	0.85	0.01%	0.9	0.30%	0.33	0.09%	0.58
1286	16	GRIN2A	rs7197547	10043745	27.83	0.48	0.773	T	0.00%	0.96	0.17%	0.5	0.19%	0.44	0.33%	0.3
1287	16	GRIN2A	rs9302409	10072531	27.88	0.12	0.487	T	0.36%	0.32	0.11%	0.6	0.23%	0.4	0.17%	0.44
1288	16	GRIN2A	rs6497676	10087724	27.90	0.38	0.538	A	0.89%	0.119	1.02%	0.11	0.62%	0.17	0.23%	0.39

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1256	0.66%	0.13	0.26%	0.34	0.35%	0.3	0.19%	0.4	0.01%	0.89	0.72%	0.16	0.00%	0.9	0.08%	0.6
1257	0.03%	0.7	0.25%	0.34	0.71%	0.11	0.17%	0.4	0.00%	0.95	0.12%	0.54	0.17%	0.4	0.01%	0.9
1258	0.07%	0.6	0.40%	0.23	0.19%	0.4	0.55%	0.2	0.17%	0.44	0.08%	0.61	0.03%	0.7	0.29%	0.3
1259	0.16%	0.4	0.32%	0.28	0.01%	0.8	0.01%	0.9	0.01%	0.89	0.11%	0.56	0.01%	0.9	0.28%	0.3
1260	0.28%	0.2	0.27%	0.25	0.02%	0.7	0.07%	0.6	0.10%	0.5	0.00%	0.93	0.17%	0.4	0.36%	0.2
1261	0.52%	0.2	0.02%	0.78	0.04%	0.7	0.53%	0.2	0.62%	0.131	0.03%	0.77	0.34%	0.3	0.00%	1
1262	0.02%	0.8	0.88%	0.076	0.13%	0.5	0.08%	0.6	0.02%	0.79	1.12%	0.063	0.63%	0.15	0.21%	0.4
1263	0.10%	0.5	0.25%	0.32	0.01%	0.8	0.22%	0.4	0.14%	0.48	0.42%	0.24	0.00%	0.9	0.02%	0.8
1264	0.01%	0.8	0.09%	0.57	0.00%	0.9	0.74%	0.1	0.82%	0.097	0.01%	0.86	0.40%	0.2	0.16%	0.5
1265	0.45%	0.2	0.01%	0.87	0.00%	1	0.24%	0.4	0.20%	0.42	0.11%	0.56	0.11%	0.5	0.08%	0.6
1266	0.00%	0.9	0.06%	0.64	0.00%	1	0.01%	0.9	0.68%	0.137	0.14%	0.51	0.01%	0.8	0.21%	0.4
1267	0.18%	0.4	0.03%	0.74	0.61%	0.2	0.10%	0.6	1.33%	0.047	1.50%	0.038	0.67%	0.14	0.17%	0.5
1268	0.11%	0.5	0.02%	0.82	0.42%	0.3	0.00%	1	0.97%	0.092	1.12%	0.078	0.03%	0.7	0.00%	0.9
1269	0.40%	0.3	0.00%	0.94	0.01%	0.9	0.12%	0.5	0.34%	0.31	0.26%	0.39	0.40%	0.3	0.01%	0.8
1270	0.29%	0.3	0.08%	0.61	0.81%	0.1	0.12%	0.5	0.67%	0.15	0.94%	0.095	0.01%	0.8	0.03%	0.8
1271	0.10%	0.6	0.09%	0.59	0.71%	0.13	0.00%	1	0.00%	0.96	0.74%	0.15	0.20%	0.4	0.00%	0.9
1272	1.37%	0.02	0.22%	0.38	0.03%	0.8	0.22%	0.4	0.14%	0.5	1.34%	0.042	0.26%	0.3	0.05%	0.7
1273	0.42%	0.2	0.00%	0.92	0.14%	0.5	0.05%	0.7	0.26%	0.32	0.00%	0.99	0.07%	0.6	0.42%	0.2
1274	0.00%	0.9	0.08%	0.59	0.37%	0.2	0.10%	0.5	0.09%	0.59	0.01%	0.87	0.17%	0.5	1.39%	0.03
1275	0.09%	0.6	0.18%	0.44	0.74%	0.11	0.15%	0.5	0.41%	0.25	0.76%	0.128	0.10%	0.6	0.10%	0.6
1276	0.00%	0.9	0.05%	0.67	0.03%	0.7	0.01%	0.9	0.00%	0.93	0.91%	0.092	0.61%	0.2	0.06%	0.6
1277	0.71%	0.11	0.10%	0.55	0.87%	0.09	0.17%	0.4	0.01%	0.88	0.25%	0.38	0.02%	0.8	1.22%	0.05
1278	0.07%	0.6	0.39%	0.24	0.17%	0.4	0.16%	0.5	0.00%	0.95	0.02%	0.83	0.09%	0.6	0.08%	0.6
1279	0.10%	0.5	0.00%	0.96	0.17%	0.4	0.27%	0.3	0.12%	0.53	0.81%	0.104	0.04%	0.7	0.64%	0.13
1280	0.54%	0.2	0.06%	0.63	0.23%	0.4	0.04%	0.7	0.18%	0.43	0.20%	0.43	0.37%	0.3	0.32%	0.3
1281	0.51%	0.2	0.08%	0.57	0.03%	0.7	0.08%	0.6	0.68%	0.119	0.16%	0.47	0.11%	0.5	0.00%	1
1282	0.14%	0.5	0.36%	0.25	0.40%	0.2	0.36%	0.2	0.93%	0.071	0.60%	0.17	0.00%	1	0.34%	0.3
1283	0.07%	0.6	0.00%	0.9	0.53%	0.2	0.06%	0.6	0.07%	0.63	0.00%	0.96	0.29%	0.3	0.18%	0.4
1284	0.72%	0.1	0.64%	0.119	0.04%	0.7	0.35%	0.2	1.20%	0.039	1.20%	0.051	0.00%	0.9	0.57%	0.2
1285	0.44%	0.2	0.30%	0.31	0.00%	0.9	0.37%	0.3	0.36%	0.28	0.97%	0.086	0.03%	0.7	1.39%	0.03
1286	0.79%	0.1	0.19%	0.42	0.02%	0.8	0.18%	0.4	1.23%	0.043	0.57%	0.19	0.25%	0.4	0.43%	0.2
1287	0.09%	0.6	0.10%	0.56	0.10%	0.5	0.10%	0.5	0.53%	0.16	0.18%	0.43	0.21%	0.4	0.20%	0.4
1288	0.22%	0.4	0.03%	0.74	0.03%	0.8	0.29%	0.3	0.21%	0.41	0.06%	0.68	0.29%	0.3	0.48%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1289	16	GRIN2A	rs1448239	10094936	27.91	0.15	0.263	C	0.05%	0.71	0.00%	0.9	0.01%	0.84	0.05%	0.69
1290	16	GRIN2A	rs2352748	10106606	27.93	0.28	1.000	G	0.00%	0.92	0.19%	0.5	0.00%	0.91	0.47%	0.23
1291	16	GRIN2A	rs4782262	10120001	27.95	0.11	0.242	T	0.13%	0.53	0.01%	0.9	0.62%	0.17	0.17%	0.46
1292	16	GRIN2A	rs1375071	10131081	27.97	0.33	0.408	T	0.04%	0.72	0.33%	0.4	0.05%	0.69	0.01%	0.87
1293	16	GRIN2A	rs1070487	10143493	27.99	0.37	0.533	G	0.30%	0.32	0.01%	0.9	0.02%	0.8	0.03%	0.74
1294	16	GRIN2A	rs1345424	10158160	28.01	0.28	1.000	T	0.93%	0.105	0.85%	0.2	0.45%	0.25	0.22%	0.4
1295	16	GRIN2A	rs4587976	10163636	28.02	0.39	0.363	G	0.03%	0.78	0.10%	0.6	0.03%	0.75	0.01%	0.9
1296	16	GRIN2A	rs1650420	10175831	28.04	0.38	0.020	G	0.04%	0.73	0.08%	0.6	0.09%	0.57	0.00%	0.97
1297	16	GRIN2A	rs1868291	10176699	28.04	0.09	0.370	A	0.02%	0.81	0.09%	0.6	0.03%	0.78	0.00%	1
1298	16	GRIN2A	rs1071504	10187517	28.08	0.31	0.612	T	0.07%	0.64	0.06%	0.7	0.01%	0.89	0.15%	0.47
1299	16	NDE1	rs4781678	15654613	39.22	0.43	0.554	A	0.44%	0.25	0.17%	0.5	0.00%	0.97	0.01%	0.88
1300	16	NDE1	rs2242549	15705711	39.24	0.42	1.000	A	0.72%	0.15	0.56%	0.2	0.13%	0.52	0.64%	0.14
1301	16	NDE1	rs881803	15709835	39.24	0.35	0.872	A	0.45%	0.25	0.66%	0.2	0.20%	0.42	0.53%	0.18
1302	16	NDE1	rs2075511	15725642	39.24	0.49	1.000	T	1.16%	0.06	0.45%	0.3	0.00%	0.99	0.74%	0.115
1303	17	YWHAE	rs8078073	1215433	2.20	0.23	0.094	T	0.01%	0.86	0.00%	1	0.06%	0.65	0.57%	0.17
1304	17	YWHAE	rs10521111	1228614	2.20	0.11	0.241	T	1.30%	0.052	0.02%	0.8	0.02%	0.81	0.00%	0.98
1305	17	YWHAE	rs4790084	1229729	2.20	0.37	0.753	A	0.00%	0.94	0.02%	0.8	0.36%	0.26	0.07%	0.61
1306	17	YWHAE	rs9912147	1231072	2.20	0.48	0.382	C	0.89%	0.09	0.26%	0.4	0.63%	0.137	0.13%	0.49
1307	17	PAFAH1B1	rs8068673	2449136	6.16	0.31	0.387	T	0.23%	0.41	1.65%	0.04	0.02%	0.79	0.04%	0.72
1308	17	PAFAH1B1	rs1266475	2482070	6.17	0.36	0.745	T	0.13%	0.54	1.06%	0.1	0.01%	0.86	0.22%	0.39
1309	17	PAFAH1B1	rs8081803	2511759	6.21	0.23	0.666	T	0.62%	0.17	0.20%	0.5	0.09%	0.59	0.07%	0.64
1310	17	PAFAH1B1	rs2317297	2523841	6.26	0.11	0.439	T	0.21%	0.41	1.20%	0.06	0.05%	0.68	0.00%	0.89
1311	17	DLG4	rs11650232	7029647	17.77	0.44	0.464	A	0.08%	0.64	0.02%	0.8	0.18%	0.44	0.00%	0.93
1312	17	DLG4	rs314253	7032374	17.77	0.35	1.000	A	0.29%	0.39	0.10%	0.6	1.21%	0.07	0.41%	0.27
1313	17	DLG4	rs222853	7054704	17.77	0.05	0.097	C	0.02%	0.8	0.03%	0.8	0.34%	0.29	1.26%	0.034
1314	17	DLG4	rs507506	7059046	17.77	0.42	0.370	G	0.70%	0.15	0.29%	0.4	0.66%	0.149	0.19%	0.42
1315	17	NDEL1	rs1391768	8281591	20.02	0.41	0.657	T	0.03%	0.79	0.02%	0.8	0.31%	0.34	0.16%	0.49
1316	17	SLC6A4	rs2054847	25556139	56.10	0.41	0.369	C	0.91%	0.093	0.12%	0.6	0.00%	0.94	0.13%	0.49
1317	17	SLC6A4	rs140700	25567515	56.11	0.09	0.624	G	0.03%	0.77	0.11%	0.6	0.04%	0.74	0.01%	0.86
1318	17	SLC6A4	rs6355	25572936	56.11	0.01	1.000	G	0.12%	0.51	0.26%	0.4	0.68%	0.123	0.02%	0.78
1319	17	SLC6A4	rs2020933	25585881	56.12	0.07	0.065	T	0.03%	0.78	0.15%	0.5	0.00%	0.96	0.58%	0.18
1320	17	SLC6A4	rs4392119	25589489	56.12	0.03	1.000	C	0.03%	0.79	1.10%	0.14	1.34%	0.055	0.29%	0.34
1321	17	PPP1R1B	rs4795390	35035136	69.80	0.18	0.046	C	0.26%	0.37	0.37%	0.3	0.07%	0.64	0.08%	0.6

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1289	0.00%	1	0.32%	0.3	0.06%	0.7	0.77%	0.11	0.02%	0.82	1.17%	0.06	0.17%	0.5	2.31%	0.006
1290	0.20%	0.4	0.00%	0.91	0.61%	0.2	0.04%	0.7	0.20%	0.43	0.61%	0.18	0.89%	0.09	0.50%	0.2
1291	0.00%	1	0.41%	0.24	0.06%	0.6	0.53%	0.2	0.08%	0.6	1.72%	0.021	0.07%	0.6	2.92%	0.002
1292	0.06%	0.6	0.00%	1	0.24%	0.4	0.04%	0.7	0.00%	0.95	0.00%	0.99	0.42%	0.2	0.19%	0.4
1293	0.17%	0.4	0.05%	0.64	0.30%	0.3	0.00%	1	0.06%	0.64	0.33%	0.3	0.15%	0.5	0.37%	0.2
1294	1.50%	0.02	0.39%	0.25	0.77%	0.1	0.00%	0.9	0.58%	0.17	0.07%	0.64	1.12%	0.06	0.10%	0.6
1295	0.21%	0.4	0.30%	0.3	0.37%	0.3	0.00%	1	0.19%	0.44	0.24%	0.4	0.78%	0.11	0.24%	0.4
1296	0.20%	0.4	0.00%	0.91	0.10%	0.6	0.13%	0.5	0.71%	0.112	0.26%	0.35	0.13%	0.5	0.01%	0.9
1297	0.62%	0.2	0.05%	0.7	0.71%	0.14	0.00%	0.9	0.91%	0.109	0.00%	0.98	0.60%	0.2	0.42%	0.3
1298	0.01%	0.9	0.00%	0.89	0.70%	0.12	0.08%	0.6	0.37%	0.27	0.07%	0.64	0.81%	0.1	0.02%	0.8
1299	0.00%	0.9	0.22%	0.37	0.00%	1	0.00%	0.9	0.03%	0.76	0.15%	0.49	0.01%	0.8	0.02%	0.8
1300	0.15%	0.5	0.84%	0.077	0.01%	0.9	0.33%	0.3	0.08%	0.6	1.69%	0.023	0.06%	0.7	0.00%	1
1301	0.05%	0.7	0.65%	0.123	0.60%	0.2	0.01%	0.8	0.12%	0.54	0.95%	0.088	0.59%	0.2	0.19%	0.4
1302	0.19%	0.4	0.21%	0.38	0.00%	0.9	0.14%	0.5	0.00%	0.95	1.32%	0.047	0.25%	0.4	0.01%	0.8
1303	0.62%	0.13	0.63%	0.127	0.22%	0.4	0.37%	0.2	0.31%	0.3	0.20%	0.43	0.05%	0.7	0.00%	0.9
1304	0.21%	0.4	0.07%	0.61	0.04%	0.7	0.17%	0.4	0.31%	0.31	0.10%	0.58	0.70%	0.11	0.55%	0.2
1305	0.06%	0.6	0.16%	0.43	0.00%	0.9	0.33%	0.3	0.23%	0.36	0.02%	0.77	0.19%	0.4	0.96%	0.07
1306	0.13%	0.5	0.03%	0.73	0.01%	0.9	0.02%	0.8	0.00%	0.97	0.00%	1	0.56%	0.2	2.92%	0.0012
1307	0.29%	0.3	0.04%	0.7	0.15%	0.5	0.08%	0.6	0.01%	0.86	0.13%	0.52	0.36%	0.3	0.26%	0.4
1308	0.18%	0.4	0.02%	0.78	0.19%	0.4	0.11%	0.5	0.03%	0.77	0.19%	0.45	0.00%	0.9	0.30%	0.3
1309	0.08%	0.6	0.03%	0.74	0.09%	0.6	0.07%	0.6	0.01%	0.85	0.07%	0.64	0.41%	0.2	0.20%	0.4
1310	0.02%	0.8	0.01%	0.81	0.68%	0.1	0.01%	0.9	0.13%	0.49	0.13%	0.5	0.28%	0.3	0.08%	0.6
1311	1.89%	0.007	0.06%	0.64	0.05%	0.7	0.37%	0.3	1.56%	0.022	0.00%	0.97	0.58%	0.2	0.11%	0.6
1312	0.01%	0.9	0.01%	0.85	0.65%	0.14	1.40%	0.03	1.65%	0.032	0.27%	0.4	0.01%	0.8	0.07%	0.6
1313	0.26%	0.4	0.42%	0.2	0.12%	0.5	0.05%	0.7	0.19%	0.43	2.29%	0.0093	0.47%	0.2	1.12%	0.05
1314	0.82%	0.09	0.17%	0.43	0.31%	0.3	0.04%	0.7	0.10%	0.56	0.10%	0.58	1.15%	0.06	0.62%	0.15
1315	0.46%	0.2	0.32%	0.31	0.08%	0.6	0.31%	0.3	0.11%	0.56	0.01%	0.87	0.10%	0.6	0.29%	0.3
1316	0.00%	1	0.12%	0.5	0.14%	0.5	0.60%	0.14	0.00%	0.9	0.02%	0.81	0.01%	0.8	0.20%	0.4
1317	1.43%	0.02	0.08%	0.59	0.09%	0.6	0.01%	0.9	0.10%	0.57	0.00%	0.99	0.49%	0.2	0.16%	0.5
1318	0.24%	0.3	0.12%	0.47	0.00%	1	0.07%	0.6	0.02%	0.81	0.56%	0.21	0.08%	0.6	0.00%	1
1319	0.48%	0.2	0.28%	0.33	0.00%	1	0.09%	0.6	0.05%	0.67	0.03%	0.78	0.23%	0.4	0.02%	0.8
1320	0.08%	0.6	0.17%	0.46	0.03%	0.8	0.00%	0.9	0.20%	0.45	0.00%	0.97	0.03%	0.8	0.34%	0.3
1321	0.00%	0.9	0.00%	0.9	0.80%	0.09	0.02%	0.8	0.12%	0.53	0.30%	0.34	0.49%	0.2	0.53%	0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1322	17	PPP1R1B	rs879606	35035375	69.80	0.19	0.006	G	0.23%	0.39	0.43%	0.3	0.00%	0.95	0.24%	0.37
1323	17	PPP1R1B	rs3764352	35044465	69.80	0.29	0.106	A	0.00%	0.95	0.02%	0.8	0.00%	0.97	1.52%	0.027
1324	17	CRHR1	rs4792882	41225048	87.01	0.01	1.000	T	0.26%	0.31	0.05%	0.7	0.39%	0.25	0.01%	0.87
1325	17	CRHR1	rs4792887	41232791	87.01	0.09	1.000	C	0.12%	0.56	0.48%	0.2	2.75%	0.0038	0.48%	0.22
1326	17	CRHR1	rs81189	41250579	87.01	0.48	0.062	G	0.29%	0.33	0.24%	0.4	1.58%	0.018	1.57%	0.017
1327	17	CRHR1	rs242939	41251360	87.01	0.06	0.537	A	0.23%	0.38	0.00%	0.9	2.80%	0.00147	0.57%	0.141
1328	19	MAG	rs11669734	40486615	71.53	0.25	0.127	C	0.02%	0.82	0.22%	0.5	0.44%	0.24	1.77%	0.018
1329	19	APOE	rs405509	50100676	81.02	0.49	0.061	C	0.25%	0.39	0.08%	0.6	0.13%	0.53	0.03%	0.77
1330	20	SLC32A1	rs6092935	36783319	59.33	0.19	0.351	T	0.02%	0.82	0.73%	0.14	0.18%	0.43	0.08%	0.6
1331	20	SLC32A1	rs1322183	36791688	59.33	0.46	0.380	A	0.06%	0.66	0.25%	0.4	0.40%	0.23	0.40%	0.23
1332	20	SLC32A1	rs1321099	36792059	59.33	0.15	0.120	G	0.01%	0.9	1.20%	0.07	0.01%	0.83	0.01%	0.85
1333	20	SLC32A1	rs1406857	36795846	59.33	0.34	1.000	C	0.69%	0.138	0.49%	0.3	0.03%	0.73	0.08%	0.59
1334	20	CHRNA4	rs755204	61464609	108.26	0.09	1.000	C	0.35%	0.35	0.11%	0.6	1.55%	0.034	0.67%	0.147
1335	20	CHRNA4	rs755203	61464708	108.26	0.48	0.029	C	0.52%	0.2	0.09%	0.6	1.11%	0.054	0.03%	0.76
1336	22	PRODH	rs385440	17281090	12.36	0.05	0.084	G	0.53%	0.18	0.02%	0.8	0.02%	0.77	0.01%	0.86
1337	22	PRODH	rs9618419	17287405	12.41	0.14	0.756	G	0.01%	0.89	1.34%	0.06	0.10%	0.56	0.65%	0.122
1338	22	PRODH	rs5746640	17291157	12.44	0.41	0.645	G	0.01%	0.89	0.06%	0.7	0.52%	0.2	0.01%	0.86
1339	22	PRODH	rs2241305	17292429	12.45	0.12	1.000	T	1.06%	0.099	1.03%	0.12	1.60%	0.028	0.08%	0.62
1340	22	PRODH	rs2016108	17295963	12.48	0.30	0.858	C	0.97%	0.088	0.41%	0.3	0.17%	0.47	0.39%	0.25
1341	22	PRODH	rs367766	17297031	12.49	0.34	0.748	T	0.32%	0.34	0.03%	0.8	2.09%	0.0096	0.01%	0.84
1342	22	PRODH	rs759406	17297748	12.49	0.13	0.744	G	0.07%	0.63	1.53%	0.05	0.10%	0.55	0.03%	0.74
1343	22	PRODH	rs4819757	17300516	12.51	0.39	0.879	T	1.18%	0.071	0.09%	0.7	0.75%	0.138	0.00%	0.96
1344	22	PRODH	rs9604911	17304956	12.55	0.28	0.583	G	0.26%	0.37	0.15%	0.5	1.34%	0.037	1.10%	0.052
1345	22	DGCR2	rs2238754	17438146	13.05	0.08	0.348	C	0.20%	0.44	0.11%	0.6	1.20%	0.058	0.53%	0.19
1346	22	DGCR2	rs2854659	17463552	13.07	0.19	1.000	A	0.93%	0.098	1.09%	0.11	0.02%	0.82	0.04%	0.73
1347	22	DGCR2	rs10483100	17465202	13.07	0.18	1.000	T	0.08%	0.63	1.06%	0.13	0.66%	0.17	0.01%	0.83
1348	22	DGCR2	rs2800972	17473085	13.07	0.42	0.371	A	0.45%	0.24	0.00%	0.9	0.24%	0.39	0.42%	0.24
1349	22	DGCR2	rs807743	17483598	13.08	0.25	1.000	C	0.55%	0.2	0.09%	0.6	1.14%	0.064	0.04%	0.73
1350	22	DGCR2	rs807759	17493686	13.09	0.42	0.231	T	0.62%	0.17	0.15%	0.5	0.21%	0.42	0.57%	0.17
1351	22	COMT	rs737865	18310121	13.65	0.25	1.000	T	0.09%	0.6	0.01%	0.9	0.61%	0.17	0.03%	0.75
1352	22	COMT	rs5993883	18317638	13.65	0.49	0.311	T	0.10%	0.59	0.01%	0.9	1.19%	0.048	0.00%	0.95
1353	22	COMT	rs740603	18325177	13.66	0.47	0.769	A	0.33%	0.33	0.08%	0.7	0.62%	0.16	0.01%	0.88
1354	22	COMT	rs740601	18330763	13.66	0.44	0.764	A	0.49%	0.23	0.01%	0.9	1.80%	0.016	0.00%	0.92

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1322	0.00%	0.9	0.01%	0.88	1.12%	0.05	0.00%	1	0.21%	0.41	0.30%	0.34	0.34%	0.3	0.55%	0.2
1323	0.13%	0.5	0.19%	0.42	0.28%	0.3	0.69%	0.12	0.23%	0.39	1.05%	0.079	0.02%	0.8	1.27%	0.04
1324	0.17%	0.4	0.64%	0.089	0.01%	0.9	0.29%	0.3	1.10%	0.038	0.00%	0.95	0.16%	0.4	0.42%	0.2
1325	0.52%	0.2	0.00%	0.99	0.01%	0.9	0.02%	0.8	0.14%	0.51	0.14%	0.53	0.63%	0.12	0.03%	0.7
1326	1.16%	0.02	0.65%	0.114	0.08%	0.6	0.04%	0.7	0.84%	0.081	0.19%	0.42	0.26%	0.3	0.09%	0.6
1327	0.21%	0.4	0.20%	0.36	1.43%	0.014	0.07%	0.6	0.11%	0.52	0.20%	0.4	0.47%	0.2	0.03%	0.8
1328	1.58%	0.02	1.02%	0.062	0.40%	0.3	1.78%	0.02	0.33%	0.31	1.17%	0.066	0.00%	1	0.78%	0.12
1329	0.21%	0.4	0.18%	0.43	0.02%	0.8	0.86%	0.09	0.54%	0.19	0.00%	0.98	0.25%	0.4	0.05%	0.7
1330	0.03%	0.7	0.19%	0.4	0.46%	0.2	0.63%	0.12	0.13%	0.5	0.24%	0.39	0.01%	0.9	0.07%	0.6
1331	0.00%	1	0.74%	0.087	2.18%	0.005	0.38%	0.2	0.00%	0.89	0.08%	0.61	0.07%	0.6	0.10%	0.5
1332	0.55%	0.14	1.68%	0.0118	0.09%	0.6	0.09%	0.6	0.00%	0.93	0.16%	0.48	0.68%	0.12	0.44%	0.2
1333	0.85%	0.07	0.00%	0.89	0.29%	0.3	0.08%	0.6	0.00%	0.91	0.00%	0.97	0.31%	0.3	0.00%	1
1334	0.00%	1	0.07%	0.65	0.66%	0.2	0.30%	0.3	0.08%	0.62	1.13%	0.084	0.42%	0.3	0.49%	0.2
1335	0.00%	0.9	0.14%	0.47	0.50%	0.2	0.34%	0.3	0.00%	0.9	2.16%	0.0093	4.50%	0.00009	0.35%	0.3
1336	0.08%	0.6	0.10%	0.5	0.06%	0.6	0.28%	0.3	0.30%	0.28	0.12%	0.5	0.04%	0.7	0.32%	0.3
1337	0.14%	0.5	0.07%	0.59	0.27%	0.3	0.27%	0.3	0.11%	0.53	0.15%	0.48	0.02%	0.8	0.01%	0.8
1338	0.25%	0.3	0.01%	0.83	0.03%	0.7	1.07%	0.05	0.77%	0.113	0.16%	0.48	0.25%	0.4	0.35%	0.3
1339	0.16%	0.5	0.43%	0.23	0.04%	0.7	0.03%	0.8	0.40%	0.27	0.06%	0.67	0.02%	0.8	0.03%	0.8
1340	0.43%	0.2	0.36%	0.25	0.24%	0.4	1.34%	0.03	0.08%	0.62	0.37%	0.28	0.02%	0.8	0.26%	0.4
1341	0.09%	0.6	0.04%	0.7	0.23%	0.4	0.54%	0.2	0.01%	0.87	0.12%	0.54	0.26%	0.3	0.40%	0.2
1342	0.01%	0.8	0.00%	0.99	0.04%	0.7	0.06%	0.6	0.28%	0.32	0.22%	0.39	0.49%	0.2	0.43%	0.2
1343	0.02%	0.8	0.00%	0.97	0.04%	0.7	0.36%	0.3	0.08%	0.61	0.10%	0.59	0.08%	0.6	0.23%	0.4
1344	0.25%	0.3	1.15%	0.038	0.06%	0.6	1.73%	0.012	0.04%	0.72	1.41%	0.034	0.01%	0.9	0.61%	0.15
1345	0.24%	0.4	0.03%	0.74	0.26%	0.3	0.22%	0.4	0.26%	0.35	0.16%	0.48	0.02%	0.8	0.38%	0.2
1346	1.56%	0.02	0.38%	0.25	0.25%	0.4	0.00%	1	0.23%	0.41	0.06%	0.67	0.13%	0.5	0.00%	0.9
1347	0.38%	0.3	0.66%	0.142	0.08%	0.6	0.03%	0.7	0.02%	0.81	0.14%	0.54	0.05%	0.7	0.07%	0.6
1348	1.27%	0.03	1.44%	0.024	0.16%	0.5	0.06%	0.7	0.31%	0.33	0.15%	0.51	0.19%	0.4	0.00%	1
1349	1.24%	0.04	0.70%	0.118	0.00%	1	0.03%	0.7	0.03%	0.76	0.00%	0.94	0.07%	0.6	0.08%	0.6
1350	1.43%	0.02	1.46%	0.023	0.24%	0.4	0.12%	0.5	0.25%	0.38	0.50%	0.23	0.07%	0.6	0.06%	0.7
1351	1.30%	0.03	0.10%	0.56	0.07%	0.6	0.06%	0.6	0.95%	0.081	0.17%	0.48	0.40%	0.3	0.04%	0.7
1352	0.77%	0.09	0.09%	0.56	0.00%	0.9	0.00%	0.9	0.55%	0.18	0.00%	0.92	0.11%	0.5	0.01%	0.9
1353	1.24%	0.04	0.06%	0.65	0.01%	0.9	0.02%	0.8	0.09%	0.59	0.00%	0.92	0.00%	1	0.02%	0.8
1354	0.68%	0.12	0.00%	0.91	0.00%	0.9	0.40%	0.2	0.26%	0.35	0.78%	0.122	0.02%	0.8	0.03%	0.7

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chr	Gene	SNP ID	Position (bp)	Position (cM)	Minor allele frequency	Hardy-Weinberg P	Reference allele	H2_Prepulse inhibition	P_Prepulse inhibition	H2_P50 suppression	P_P50 suppression	H2_Antisaccade	P_Antisaccade	H2_Continuous performance	P_Continuous performance
1355	22	COMT	rs4646316	18332132	13.66	0.29	0.861	C	0.04%	0.74	0.03%	0.8	0.97%	0.079	0.08%	0.62
1356	22	COMT	rs165774	18332561	13.66	0.29	0.600	G	0.09%	0.61	0.14%	0.6	0.85%	0.1	0.00%	0.91
1357	22	COMT	rs174696	18333176	13.66	0.25	0.079	T	0.05%	0.69	0.08%	0.6	0.09%	0.6	0.03%	0.73
1358	22	COMT	rs174697	18333832	13.66	0.07	0.604	G	3.64%	0.0007	0.22%	0.4	0.00%	0.95	0.45%	0.23
1359	22	ZDHHC8	rs175174	18507554	13.78	0.40	1.000	A	0.01%	0.88	1.46%	0.06	0.09%	0.59	0.03%	0.76
1360	22	ZDHHC8	rs2286930	18508880	13.78	0.06	1.000	G	0.01%	0.85	0.18%	0.5	0.24%	0.38	0.06%	0.67
1361	22	ADORA2A	rs2236624	23166024	23.69	0.24	0.323	C	0.81%	0.111	0.10%	0.6	0.77%	0.11	0.67%	0.12
1362	22	ADRBK2	rs576895	24261580	27.11	0.34	0.342	T	0.65%	0.143	0.10%	0.6	0.05%	0.66	0.01%	0.89
1363	22	ADRBK2	rs558934	24264721	27.11	0.33	0.414	G	0.76%	0.132	0.00%	1	0.06%	0.67	0.00%	0.97
1364	22	ADRBK2	rs5761116	24280750	27.11	0.18	0.816	C	0.13%	0.51	0.01%	0.9	0.01%	0.89	0.22%	0.38
1365	22	ADRBK2	rs2283811	24305450	27.11	0.19	0.500	T	0.00%	0.91	0.00%	0.9	0.03%	0.73	0.43%	0.21
1366	22	ADRBK2	rs1008673	24324013	27.11	0.20	0.005	A	0.09%	0.58	0.01%	0.9	0.23%	0.36	0.05%	0.68
1367	22	ADRBK2	rs5761149	24376900	27.11	0.02	1.000	G	0.34%	0.32	0.02%	0.8	0.03%	0.76	0.12%	0.51
1368	22	ADRBK2	rs11913984	24389030	27.11	0.09	1.000	C	0.53%	0.22	0.05%	0.7	0.02%	0.81	0.08%	0.58
1369	22	ADRBK2	rs6004737	24395034	27.11	0.08	1.000	T	0.15%	0.51	0.03%	0.8	0.03%	0.75	0.83%	0.082
1370	22	ADRBK2	rs718163	24411873	27.11	0.41	0.234	G	0.01%	0.87	0.13%	0.5	0.05%	0.68	0.12%	0.52
1371	22	ADRBK2	rs5761159	24432308	27.11	0.41	0.288	G	0.01%	0.86	0.68%	0.2	0.01%	0.9	0.02%	0.82
1372	22	ADRBK2	rs9608416	24441018	27.11	0.44	1.000	A	0.01%	0.86	0.69%	0.2	0.00%	0.98	0.05%	0.69
1373	22	ADRBK2	rs6519621	24441816	27.11	0.09	0.355	T	0.11%	0.58	0.46%	0.2	0.00%	0.9	0.01%	0.86
1374	22	CACNG2	rs4820239	35288854	46.77	0.25	0.553	G	0.11%	0.58	0.14%	0.6	0.13%	0.53	0.00%	0.93
1375	22	CACNG2	rs2267341	35306921	46.94	0.35	0.346	T	0.30%	0.35	0.21%	0.5	0.05%	0.69	0.47%	0.21
1376	22	CACNG2	rs2283981	35316038	47.05	0.36	1.000	T	0.08%	0.61	0.00%	1	0.01%	0.88	1.11%	0.057
1377	22	CACNG2	rs3788521	35322433	47.13	0.10	0.227	G	0.08%	0.64	0.01%	0.9	0.01%	0.85	0.30%	0.32
1378	22	CACNG2	rs738977	35338874	47.34	0.25	0.127	C	0.70%	0.133	0.57%	0.2	0.02%	0.77	0.49%	0.18
1379	22	CACNG2	rs738518	35449746	47.40	0.30	0.492	T	0.40%	0.27	0.09%	0.6	0.04%	0.72	0.00%	0.97
1380	22	CACNG2	rs736720	35532777	47.94	0.39	0.758	G	0.35%	0.3	0.44%	0.3	0.11%	0.56	0.03%	0.75
1381	X	HTR2C	rs7881868	113753140	118.39	0.18	0.385	C	0.86%	0.052	0.00%	1	0.08%	0.58	0.05%	0.65
1382	X	HTR2C	rs2192372	113798029	118.50	0.36	0.677	G	0.01%	0.83	0.10%	0.5	0.07%	0.58	0.20%	0.35
1383	X	HTR2C	rs5988087	113841112	118.60	0.18	0.364	C	0.79%	0.061	0.00%	1	0.08%	0.58	0.05%	0.66
1384	X	HTR2C	rs6318	113871991	118.67	0.19	0.240	G	0.84%	0.055	0.00%	0.9	0.07%	0.61	0.04%	0.67
1385	X	HTR2C	rs2428707	113906615	118.75	0.19	0.089	G	0.91%	0.047	0.03%	0.7	0.05%	0.65	0.00%	0.92
1386	X	HTR2C	rs2497504	113930668	118.80	0.19	0.146	G	0.87%	0.052	0.06%	0.6	0.06%	0.62	0.00%	0.93
1387	X	HTR2C	rs4243981	113963054	118.88	0.19	0.240	C	1.03%	0.034	0.06%	0.6	0.04%	0.71	0.00%	0.91

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	H2_Letter-Number Span	P_Letter-Number Span	H2_Verbal learning	P_Verbal learning	H2_Abstraction	P_Abstraction	H2_Face memory	P_Face memory	H2_Spatial memory	P_Spatial memory	H2_Spatial processing	P_Spatial processing	H2_Sensori-motor dexterity	P_Sensori-motor dexterity	H2_Emotion recognition	P_Emotion recognition
1355	0.11%	0.5	2.42%	0.0036	0.50%	0.2	0.31%	0.3	0.34%	0.29	1.57%	0.026	0.21%	0.4	0.20%	0.4
1356	0.47%	0.2	0.28%	0.32	1.29%	0.03	2.00%	0.008	0.00%	0.97	0.27%	0.36	0.32%	0.3	0.91%	0.08
1357	0.85%	0.08	0.01%	0.83	0.00%	1	0.00%	0.9	0.02%	0.78	0.34%	0.3	0.01%	0.9	0.03%	0.7
1358	0.83%	0.07	0.02%	0.78	0.73%	0.1	0.26%	0.3	0.06%	0.67	0.01%	0.87	0.00%	1	0.16%	0.5
1359	0.00%	0.9	0.03%	0.76	0.46%	0.2	0.47%	0.2	0.45%	0.25	0.03%	0.79	0.06%	0.7	0.00%	1
1360	0.09%	0.6	0.05%	0.67	0.00%	1	0.11%	0.5	0.00%	0.98	0.07%	0.65	0.09%	0.6	0.15%	0.5
1361	0.12%	0.5	0.02%	0.79	0.16%	0.5	0.10%	0.5	0.50%	0.2	0.15%	0.5	0.50%	0.2	0.00%	1
1362	0.03%	0.7	0.28%	0.3	0.73%	0.1	0.01%	0.9	0.22%	0.39	0.09%	0.6	1.45%	0.02	0.02%	0.8
1363	0.14%	0.5	0.00%	0.97	0.01%	0.9	0.00%	0.9	0.60%	0.16	0.01%	0.84	0.13%	0.5	0.59%	0.2
1364	0.07%	0.6	0.00%	0.96	0.02%	0.8	0.01%	0.8	0.06%	0.63	0.01%	0.88	0.27%	0.3	0.02%	0.8
1365	0.08%	0.6	0.01%	0.88	0.09%	0.6	0.06%	0.6	0.09%	0.57	0.08%	0.61	0.06%	0.6	0.02%	0.8
1366	0.46%	0.2	0.18%	0.4	0.71%	0.1	0.03%	0.7	0.64%	0.13	0.83%	0.108	0.01%	0.8	1.36%	0.02
1367	0.01%	0.9	0.10%	0.53	0.00%	1	0.03%	0.8	0.07%	0.61	0.03%	0.77	0.03%	0.8	0.14%	0.5
1368	0.12%	0.5	0.02%	0.78	0.12%	0.5	0.05%	0.7	0.13%	0.5	0.07%	0.64	0.55%	0.2	0.39%	0.2
1369	0.04%	0.7	0.20%	0.37	0.02%	0.8	0.47%	0.2	0.35%	0.25	0.00%	0.97	0.01%	0.8	0.07%	0.6
1370	0.30%	0.3	0.06%	0.63	0.09%	0.5	0.07%	0.6	1.25%	0.035	0.21%	0.42	0.77%	0.08	0.22%	0.4
1371	0.45%	0.2	0.07%	0.62	0.27%	0.3	0.06%	0.6	0.36%	0.27	0.08%	0.62	0.71%	0.1	0.02%	0.8
1372	0.32%	0.3	0.20%	0.4	0.09%	0.6	0.13%	0.5	0.11%	0.55	0.04%	0.75	0.56%	0.14	0.00%	0.9
1373	0.09%	0.6	0.00%	0.93	0.10%	0.6	0.46%	0.2	0.10%	0.54	0.07%	0.63	0.00%	0.9	0.00%	0.9
1374	0.00%	1	0.00%	0.91	0.15%	0.5	0.01%	0.9	0.01%	0.87	0.15%	0.51	0.22%	0.4	0.43%	0.2
1375	0.01%	0.9	0.05%	0.67	0.01%	0.9	0.61%	0.14	0.50%	0.19	0.67%	0.146	0.02%	0.8	0.23%	0.4
1376	0.03%	0.7	0.14%	0.48	0.19%	0.4	0.54%	0.2	0.41%	0.24	0.65%	0.16	0.53%	0.2	0.64%	0.13
1377	0.31%	0.3	0.53%	0.18	0.63%	0.14	0.12%	0.5	0.04%	0.72	0.12%	0.55	0.00%	0.9	0.00%	1
1378	0.15%	0.4	0.05%	0.65	0.02%	0.8	0.20%	0.4	0.36%	0.25	0.18%	0.43	0.05%	0.7	0.02%	0.8
1379	0.00%	0.9	0.28%	0.31	0.33%	0.3	0.87%	0.08	0.40%	0.25	0.77%	0.126	0.01%	0.8	0.21%	0.4
1380	0.18%	0.4	0.07%	0.61	0.07%	0.6	0.01%	0.8	0.04%	0.71	0.96%	0.093	0.00%	1	0.79%	0.1
1381	0.20%	0.3	0.00%	0.92	0.08%	0.5	0.79%	0.06	0.31%	0.27	0.15%	0.45	0.05%	0.6	0.00%	0.9
1382	0.02%	0.8	0.21%	0.34	0.12%	0.4	0.50%	0.13	0.06%	0.62	0.06%	0.64	0.16%	0.4	0.13%	0.5
1383	0.17%	0.3	0.08%	0.58	0.03%	0.7	0.57%	0.11	0.33%	0.26	0.23%	0.35	0.06%	0.6	0.01%	0.9
1384	0.19%	0.3	0.03%	0.73	0.02%	0.8	0.66%	0.09	0.23%	0.35	0.21%	0.38	0.07%	0.6	0.00%	0.9
1385	0.15%	0.4	0.12%	0.49	0.23%	0.3	1.09%	0.03	0.32%	0.27	0.01%	0.87	0.18%	0.4	0.06%	0.6
1386	0.14%	0.4	0.20%	0.37	0.29%	0.2	0.93%	0.04	0.43%	0.19	0.02%	0.79	0.22%	0.3	0.04%	0.7
1387	0.14%	0.4	0.22%	0.34	0.33%	0.2	0.98%	0.04	0.47%	0.18	0.00%	0.93	0.15%	0.4	0.10%	0.5

