

Table 1

Tag SNPs in the NTNG1 gene and p values for association with schizophrenia by TDT

SNP No.	SNP ID	location of chromosome 1 (Mb)*	<i>p</i>	SNP No.	SNP ID	location of chromosome 1 (Mb)*	<i>p</i>
1	rs1762482	107,311,044	0.20	28	rs7555385	107,601,690	0.37
2	rs10494059	107,354,647	0.19	29	rs4317836	107,609,420	0.91
3	rs11185061	107,372,412	0.36	30	rs12406016	107,617,150	1.00
4	rs1572281	107,372,642	0.21	31	rs10458535	107,619,635	0.73
5	rs2464046	107,377,491	0.54	32	rs11185100	107,630,361	0.94
6	rs1335059	107,386,874	0.04	33	rs6662274	107,636,384	0.11
7	rs4481881	107,398,460	0.25	34	rs6681988	107,642,407	0.12
8	rs4307594	107,405,473	0.01	35	rs10494069	107,646,688	0.40
9	rs7522583	107,412,486	0.03	36	rs2587895	107,648,435	0.93
10	rs4364907	107,417,124	0.02	37	rs920835	107,658,844	0.58
11	rs9628993	107,421,762	0.44	38	rs2218404	107,664,647	0.12
12	rs4287207	107,461,656	1.00	39	rs894904	107,667,580	0.29
13	rs5012609	107,487,420	0.95	40	rs11185112	107,676,316	1.00
14	rs10494066	107,501,550	0.20	41	rs1444040	107,676,521	0.64
15	rs3123376	107,537,908	0.64	42	rs991579	107,684,837	0.24
16	rs4132604	107,554,881	0.003	43	rs483206	107,691,721	0.36
17	rs4244127	107,561,082	0.10	44	rs1444038	107,693,358	0.77
18	rs11185086	107,563,694	1.00	45	rs628117	107,709,148	0.03
19	rs6692538	107,568,286	0.50	46	rs521721	107,713,490	0.61
20	rs12730063	107,572,878	0.27	47	rs977799	107,717,895	0.86
21	rs7411507	107,578,020	0.45	48	rs10881468	107,722,681	0.51
22	rs7531522	107,583,324	0.92	49	rs96501	107,730,889	0.36
23	rs4291528	107,586,502	0.55	50	rs597332	107,736,910	0.29
24	rs4915037	107,586,753	0.77	51	rs570718	107,742,416	0.30
25	rs6670042	107,586,818	0.94	52	rs7548775	107,745,191	0.98
26	rs6672549	107,587,001	0.16	53	rs12025693	107,760,779	0.63
27	rs7413641	107,589,827	0.43	54	rs521420	107,786,711	0.80

\* NCBI Build 36.1

Table 2

Case-control analysis of selected SNPs in the NTNG1 gene

SNP No.	SNP ID	A/B allele	population	n	genotype count (frequency)			<i>p</i> *	allele count (frequency)		allelic nominal	allelic permutation
					AA	AB	BB		A	B		
6	rs1335059	A/C	controls	566	56 (0.10)	229 (0.40)	281 #####	0.79	341 (0.30)	791 (0.70)	0.82	
			schizophrenia	571	51 (0.09)	248 (0.43)	272 #####		350 (0.31)	792 (0.69)		
10	rs4364907	C/T	controls	573	49 (0.09)	231 (0.40)	293 #####	0.21	329 (0.29)	817 (0.71)	0.22	
			schizophrenia	574	57 (0.10)	243 (0.42)	274 #####		357 (0.31)	791 (0.69)		
16	rs4132604	G/T	controls	575	166 (0.29)	301 (0.52)	108 #####	0.32	633 (0.55)	517 (0.45)	0.33	
			schizophrenia	569	192 (0.34)	266 (0.47)	111 #####		650 (0.57)	488 (0.43)		
38	rs2218404	G/T	controls	1914	1151 (0.60)	669 (0.35)	94 #####	0.08	2971 (0.78)	857 (0.22)	0.08	
			schizophrenia	1916	1210 (0.63)	617 (0.32)	89 #####		3037 (0.79)	795 (0.21)		
	rs1373336	C/T	controls	1910	637 (0.33)	926 (0.48)	347 #####	0.53	2200 (0.58)	1620 (0.42)	0.55	
			schizophrenia	1904	642 (0.34)	936 (0.49)	326 #####		2220 (0.58)	1588 (0.42)		
	rs1444042	T/C	controls	2056	1075 (0.52)	833 (0.41)	148 #####	0.009	2983 (0.73)	1129 (0.27)	0.006	0.04
			schizophrenia	2174	1079 (0.50)	884 (0.41)	211 #####		3042 (0.70)	1310 (0.30)		
45	rs628117	G/A	controls	2054	146 (0.07)	833 (0.41)	1075 #####	9E-04	1125 (0.27)	2983 (0.73)	0.0009	0.006
			schizophrenia	2174	213 (0.10)	908 (0.42)	1053 #####		1334 (0.31)	3014 (0.69)		
49	rs96501	C/T	controls	1913	83 (0.04)	632 (0.33)	1198 #####	0.46	798 (0.21)	3028 (0.79)	0.46	
			schizophrenia	1911	84 (0.04)	603 (0.32)	1224 #####		771 (0.20)	3051 (0.80)		

\*Cochran-Armitage test

Table 3

Haplotype association by case-control analysis

Haplotype	Case freq	Cont freq	Chi square	<i>p</i> value	HapMap JPT freq**
G-T-T	0.4	0.41	0.1	0.32	0.42
G-C-C	0.28	0.26	3.83	0.05	0.25
T-C-T	0.2	0.22	3.36	0.07	0.21
G-C-T	0.09	0.09	0.31	0.58	0.07
G-T-C	0.014	0.009	2.62	0.11	0.03

\**NTNG1* (G1-14)-(G1-17)-(G1-18) global *p* = 0.24

\*\* Haplotype frequency of a Japanese population in the HapMap database