

Supplementary Table 2. The family-based association test for ASD affection with single nucleotide polymorphisms in SEMA5A gene using biallelic mode

SNPs	Allele	Frequency	Additive			Dominant			Recessive		
			N	Z	p	N	Z	p	N	Z	p
rs218052	G	0.329	163	0.416	0.677	144	0.254	0.799	58	0.429	0.668
	T	0.671	163	-0.416	0.677	58	-0.429	0.668	144	-0.254	0.799
rs194085	C	0.239	131	0.154	0.877	121	0.187	0.852	43	0.000	1.000
	T	0.761	131	-0.154	0.877	43	0.000	1.000	121	-0.187	0.852
rs150630	A	0.377	165	-0.405	0.686	131	-0.136	0.892	83	-0.526	0.599
	T	0.623	165	0.405	0.686	83	0.526	0.599	131	0.136	0.892
rs390	C	0.467	185	-1.226	0.220	133	-1.102	0.270	123	-0.761	0.447
	T	0.533	185	1.226	0.220	123	0.761	0.447	133	1.102	0.270
rs160499	G	0.702	152	-0.141	0.888	58	-0.936	0.349	136	0.394	0.693
	T	0.298	152	0.141	0.888	136	-0.394	0.693	58	0.936	0.349
rs385	C	0.370	182	0.506	0.613	149	1.105	0.270	94	-0.557	0.577
	T	0.630	182	-0.506	0.613	94	0.557	0.577	149	-1.105	0.270
rs41457	A	0.856	108	1.209	0.227	22	0.478	0.633	107	1.168	0.243
	G	0.144	108	-1.209	0.227	107	-1.168	0.243	22	-0.478	0.633
rs395	A	0.622	180	1.711	0.087	97	1.475	0.140	145	1.172	0.241
	G	0.378	180	-1.711	0.087	145	-1.172	0.241	97	-1.475	0.140
rs41463	A	0.880	85	-0.619	0.536	8	1.000	0.317	84	-0.926	0.354
	G	0.120	85	0.619	0.536	84	0.926	0.354	8	-1.000	0.317

ASD: autism spectrum disorder, SNPs: single-nucleotide polymorphisms, N: number of family, Z: Z-statistic