

Supplemental Table S1. Previously reported chromosomal loci linked to related phenotypes showing single point logarithm of odds (LOD) scores > 1.2.

Chr	Locus	hg19 Position (Mbp)	rsIDs (Start-End)	Family	Single-Point LOD score	Mode of Inheritance	Previously Linked/ Associated Phenotype	Reference
1	1p36.11-p36.12	22.62-24.40	rs6426746-rs4649175	315	1.45	Dominant	RD, SLI	(Grigorenko et al., 2001; Rabin et al., 1993; Rice et al., 2009; Tzenova et al., 2004)
	1p36.12-p36.23	8.61-23.73	rs1473420-rs3889814	387	1.80*	Dominant		
3	3p12.2-p13	71.52-83.38	rs17108-rs349148	387	1.80*	Dominant	RD, SLI ASD, CAS	(Chen et al., 2017; Fisher & Francks, 2006; Hannula-Jouppi et al., 2005; Mountford et al., 2019; Nopola-Hemmi et al., 2001; Rice et al., 2009; Smith, 2007)
	3p12.2-q13.11	82.21-105.80	rs17114-rs2035254	430	1.20*	Recessive		
4	4q35.1-q35.2	185.95-190.78	rs1564986-rs1915852	387	1.80*	Recessive	ASD	(Ramanathan et al., 2004; Smith, 2007)
	4q34.3-q35.2	180.48-190.31	rs2610998-rs1456351	430	1.20*	Recessive		
9	9q22.32-q33.1	98.44-117.82	rs1335049-rs1060545	430	1.20*	Recessive	CAS	(Laffin et al., 2012)
12	12p12.3-q21.1	16.06-73.44	rs10846247-rs1400142	387	1.80*	Recessive	NWR test, CAS	(Addis et al., 2010)
13	13q14.12-q14.3	45.63-52.54	rs1747109-rs1801244	489	1.50	Recessive	NWR test	(Truong et al., 2016)
18	18p11.23-p11.32	0.15-7.32	rs545684-rs569629	387	1.80*	Recessive	CAS, RD	(Fisher et al., 2002)
	18p11.21-p11.31	5.61-10.97	rs948311-rs264234	430	1.20*	Recessive		

Note. Chr = chromosome; Mbp = megabases; RD = reading disorder; SLI = specific language impairment; ASD = autism spectrum disorders; CAS = childhood apraxia of speech; NWR = nonword repetition. *LOD scores that reached the maximum estimated LOD (ELOD).

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