

Table S1 – Summary of all multipoint LOD scores >1.0.

Chr	Temperament or Diagnosis	Position (cM / Mb)	LOD
1q32	Hyperthymic	199 / 199.8	1.83
1p36	BD + MDD	20 / 11.5	1.72
1q42	Hyperthymic	256 / 238.5	2.00
1q42	Cyclothymic	259 / 239.8	1.14
1q42	Hyperthymic	271 / 244.5	2.57*
2p25	Irritable	26 / 10.1	1.34
2p25	BD + MDD	29 / 11.4	1.12
2p22	Irritable	60 / 36.3	1.73
2p16	Hyperthymic	77 / 51.8	2.84*
2p15	Irritable	84 / 61.9	1.46
2p14	Hyperthymic	90 / 67.4	1.59
2q31	Dysthymic	179 / 173.0	1.56
3p21	Dysthymic	70 / 46.9	2.74*
4p16	BD + MDD	12 / 6.3	1.05
4q31	BD + MDD	146 / 153.3	1.18
4q34	Cyclothymic	170 / 175.9	1.13
5p15	Hyperthymic	17 / 6.3	1.86
5q31	Hyperthymic	144 / 142.5	1.34
6q16	Hyperthymic	103 / 98.4	2.83*
6q22	Anxious	118 / 116.0	1.71
6q23	Dysthymic	137 / 136.6	1.23
6q24	Irritable	147 / 145.0	2.33*
6q27	Hyperthymic	183 / 167.2	1.47
7q22	Dysthymic	111 / 101.1	1.89
7q22	Cyclothymic	112 / 102.4	1.44
7q32	Cyclothymic	134 / 130.6	1.16
8p23	Hyperthymic	10 / 4.7	1.17
8q12	Dysthymic	67 / 55.1	1.98
9q21	Anxious	66 / 71.2	1.45
9q31	BD	103 / 102.5	2.20*
10p15	Dysthymic	5 / 2.2	1.18
10p13	Hyperthymic	30 / 12.3	1.85
10q25	BD	131 / 115.2	1.81
10q25	BD + MDD	131 / 115.2	1.18
11q25	Hyperthymic	148 / 131.7	1.80
13q31	Anxious	76 / 79.8	1.10
13q33	Cyclothymic	91 / 101.1	1.26

13q34	Dysthymic	124 / 111.8	2.39*
13q34	BD	119 / 109.9	1.09
14q23	Hyperthymic	61 / 61.0	2.61*
15q15	Hyperthymic	42 / 38.0	1.66
16p13	Dysthymic	36 / 15.6	1.10
16q21	BD	83 / 63.5	1.40
16q21	BD + MDD	83 / 63.5	1.40
16q23	Dysthymic	107 / 80.8	2.07
17p13	Dysthymic	21 / 7.7	1.79
18q12	Cyclothymic	59 / 33.5	1.40
19q13	BD + MDD	67 / 45.2	2.42*
22q11	BD	6 / 17.0	2.77*
22q12	BD + MDD	26 / 25.3	1.18
Xp11	Irritable	70 / 45.0	1.55
Xq21	BD + MDD	97 / 95.3	1.15
Xq25	BD + MDD	129 / 124.2	1.25

Note: The peak LOD score within 20 cM is shown. An * indicates that the peak meets genome-wide suggestive criteria.

Table S2 – Summary of all two-point LOD scores >1.0.

Chr	SNP	Position (cM / Mb)	Hyperthymic	Dysthymic	Cyclothymic	Irritable	Anxious	BD	BD+MDD
1p36	rs630075	15.5 / 9.3		1.70	1.92		1.94*	1.10	1.49
1q21	rs756303	146.5 / 151.2					2.22*		
1q21	rs7345	147.0 / 151.9		3.46*	1.47				
1q25	rs929126	176.5 / 173.3		2.62*		1.29			
1q32	rs1204682	210.0 / 206.1		3.45*	1.61				
1q32	rs1781014	210.6 / 206.5		2.62*					
1q41	rs10494988	219.2 / 213.2			3.04*	1.33			
1q44	rs4658690	268.0 / 243.3		1.74	2.98*		1.03		
2p24	rs956596	33.4 / 12.9				2.87*			
2p24	rs779343	33.4 / 13.0				2.62*			
2p22	rs1990838	57.9 / 34.3		2.43*		4.22*			
2p22	rs163077	63.1 / 38.1				3.32*		1.25	
2p22	rs170815	63.3 / 38.3	1.05			2.56*			
2p22	rs929642	64.9 / 40.2	1.21	2.27	1.57	3.14*	1.65	1.56	
2p21	rs1560260	65.7 / 41.7		2.31		2.70*			
2p21	rs896986	69.1 / 44.2				2.44*			
2p15	rs1177264	84.0 / 61.2				2.46*			
3p24	rs1494225	43.5 / 22.4				2.63*			
3p22	rs1976146	60.2 / 34.8		2.78*					
3p14	rs536036	78.4 / 57.3		2.70*	1.01				
3p14	rs6790592	87.0 / 63.4		2.64*					
4q35	rs2045405	183.4 / 183.6		2.47*		1.20			
4q35	rs1564986	192.5 / 186.2		2.64*					
5q11	rs292973	74.6 / 58.0			2.41*				
5q23	rs1478419	127.3 / 123.0				2.42*			

5q34	rs923467	165.0 / 160.4		2.68*				
5q34	rs9313868	165.0 / 160.4		2.99*				
6p21	rs1003979	52.5 / 33.2		1.16		2.33*		
6p21	rs1563788	66.2 / 43.4		1.30		2.79*		
6q12	rs1016461	83.4 / 69.1	1.13			2.56*		
6q15	rs6940716	93.4 / 88.2			2.41*			1.30
6q21	rs1565528	117.6 / 113.8		3.14*		1.41	1.27	
6q22	rs1415428	117.8 / 114.8		1.56	2.72*			
6q23	rs942150	130.7 / 131.7			2.67*			
6q23	rs969282	133.0 / 134.2				2.83*		
6q23	rs999638	140.4 / 138.1		1.51	2.87*	3.13*		
6q24	rs1358716	143.6 / 139.5			2.19	2.98*		
6q24	rs1977739	144.7 / 140.3			2.50*	1.73		
6q24	rs225604	145.4 / 142.5		2.39*	2.19	1.19		
6q24	rs1832378	147.4 / 145.7		3.02*	3.27*			
6q24	rs6570858	150.6 / 148.9			3.41*			
6q25	rs602890	166.6 / 158.0		3.46*	1.54		1.01	
6q25	rs923459	168.8 / 159.5		3.54*		1.10	1.32	
6q27	rs942731	176.6 / 164.6				1.36		2.33*
6q27	rs491253	178.2 / 165.7		1.49	2.91*	1.22		1.71
6q27	rs3002430	179.4 / 166.2			2.42*			1.20
7p14	rs2049758	53.4 / 33.0		2.92*	1.17			
7p14	rs724291	53.9 / 33.8		2.39*				
7p14	rs2007664	59.1 / 38.0		2.67*				
7p14	rs722790	62.3 / 41.0		2.43*				
7q21	rs1326152	105.6 / 94.3		1.84	2.53*			
7q22	rs257376	116.8 / 106.6		2.40*	1.53			
8q12	rs1437785	67.5 / 55.8		3.94*	1.37			

11q22	rs723513	101.0 / 97.6		2.14	2.54*		
11q22	rs2848479	101.0 / 97.6		2.14	2.54*		
13q22	rs9573506	71.3 / 74.7	2.49*				
13q31	rs768218	77.2 / 81.2	2.36*	1.14			
13q33	rs536863	97.8 / 101.6		2.58*	1.08	1.50	1.27
13q33	rs53248	108.7 / 106.3			2.51*		
13q34	rs726455	123.5 / 11.7	2.45*				
13q34	rs204218	125.0 / 112.1	2.52*				
13q34	rs1885688	127.5 / 112.9					
13q34	rs12856863	127.8 / 113.1	1.10	2.27			
14q24	rs760267	76.7 / 76.4	2.62*				
16q23	rs1074964	95.5 / 76.7		3.04*			
16q23	rs1079638	96.2 / 77.5		3.48*	1.19		
16q23	rs1424189	111.1 / 81.9	3.00*				
17q25	rs1872076	108.9 / 69.0	2.45*	2.29*			
17q25	rs10931	131.2 / 76.1		3.41*		1.72	
17q25	rs734338	132.1 / 76.4	3.05*	3.02*			
18q11	rs1972602	45.8 / 20.4	3.30*				
18q12	rs650680	58.3 / 33.2		2.51*			
18q21	rs545344	66.4 / 42.6	1.39	3.08*			
18q21	rs1434511	67.0 / 43.1		2.49*			
18q22	rs593418	94.7 / 64.1	2.61*				
19q13	rs566130	65.3 / 44.6	2.39*		1.22		
19q13	rs440334	65.8 / 44.9	2.52*		2.46*		
20p12	rs1889188	30.8 / 10.1	2.54*				
20q13	rs1407538	98.8 / 57.3		2.72*			
22q13	rs714022	60.6 / 44.6		3.03*			
Xp11	rs1560514	79.2 / 57.4					2.17*

Xq21	rs829290	97.7 / 96.1		1.08	2.23*
Xq23	rs968859	110.2 / 112.3			2.02*
Xq23	rs981780	110.3 / 112.3			1.96*

An * indicates that the peak meets genome-wide suggestive criteria.