

Table 6. Genes from our whole dataset (Cat. I-IV) mapping to linkage loci of interest from meta-analyses of bipolar disorder and schizophrenia

Bipolar		
Loci	Symbol	Description
1q32.3		
1q32.1	PIGR	polymeric immunoglobulin receptor
1q32.3	PPP2R5A	protein phosphatase 2, regulatory subunit B (B56), alpha isoform
2q23.3		
2q24.2	TBR1	T-box brain gene 1 <input type="checkbox"/>
2q25.31	PKP4	plakophilin 4
2q23.3	REPRIMO	candidate mediator of the p53-dependent G2 arrest
3q25.33		
3q26.2	CLDN11	Oligodendrocyte specific protein <input type="checkbox"/>
3q25.31	SSR3	signal sequence receptor, gamma
3q25.1	TAZ	transcriptional co-activator with PDZ-binding motif
3q25.1	RNF13	ring finger protein 13
3q25.2	RAP2B	Ras-related protein RAP-2b
3q25.31	KCNAB1	potassium voltage-gated channel, shaker-related subfamily, beta member
5p15.1		
5p15.1-p14	BASP1	brain abundant, membrane attached signal protein 1
8p22		
8p22	CNOT7	CCR4-associated factor 1
8p23.1	MTMR9	myotubularin related protein 9
8p23.1	LPAAT-e	acid acyltransferase-epsilon
9p21.1*		
9p21.3	ELAVL2	embryonic lethal, abnormal vision, Drosophila-like 2
9q21.32		
9q21.32	UBQLN1	ubiquilin 1
9q22.1	SPIN	spindlin
9qter		
9q34.3	PTGDS	Prostaglandin D synthetase <input type="checkbox"/>
9q34.3	OLFM1	olfactomedin 1
9q34.3	GRIN1	glutamate receptor, ionotropic, N-methyl D-aspartate 1 <input type="checkbox"/>
10q22.1*		
10q22.2	CAMK2G	calcium/calmodulin-dependent protein kinase II gamma
10q22.1	PSAP	prosaposin
10q22.1	SGPL1	sphingosine phosphate lyase 1
11q13.4		
11q13.4	PDE2A	phosphodiesterase 2A
11q13.1	BAD	BCL2-antagonist of cell death <input type="checkbox"/>
11q13.5	SERPINH1	serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1
11q13.5	PAK1	p21/Cdc42/Rac1-activated kinase 1
14q32.12*		
14q32.1	SERPINA3	serine (or cysteine) proteinase inhibitor, clade A , member 3
14q32	DDX24	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 24
14q24.1		
14q24.3	TMP21	transmembrane trafficking protein
17q21.31		
17q12	DARPP-32	dopamine- and cAMP- regulated phosphoprotein of 32 kilodaltons <input type="checkbox"/>
17q21.31	MAPT	microtubule-associated protein tau <input type="checkbox"/>
17q21.2	ATP6V0A1	ATPase, H+ transporting, lysosomal V0 subunit a isoform 1
17q21.31	HIS1	cardiac lineage protein 1
17q21.31	RPL27	Ribosomal protein L27
17q21.33	PRO1855	hypothetical protein PRO1855
17q21.31	FMNL	formin-like
17q21.31	GFAP	glial fibrillary acidic protein <input type="checkbox"/>
18p11.23		
18p11.22	NAPG	N-ethylmaleimide sensitive fusion protein attachment protein gamma
18q12.2		
18q11.2	AQP4	aquaporin 4
18q12.1	TTR	transthyretin (prealbumin, amyloidosis type I)
19qter		
19q13.43	PEG3	paternally expressed gene 3
19q13.42	KIAA1115	
19q13.42	RPL28	ribosomal protein L28
20p12.3		
20p12.2	BTBD3	BTB (POZ) domain containing 3

Schizophrenia		
Loci	Symbol	Description
1q23.3		
1q23.3	RGS4	regulator of G-protein signaling 4 <input type="checkbox"/>
1q31.1		
1q25.3	GLUL	glutamate-ammonia ligase (glutamine synthase) <input type="checkbox"/>
1q25.3	NS1-BP	NS1-binding protein
1q31.2	SSA2	Sjogren syndrome antigen A2
2q23.3		
2q24.2	TBR1	T-box brain gene 1 <input type="checkbox"/>
2q23.3	REPRIMO	candidate mediator of the p53-dependent G2 arrest
2q24.1	PKP4	plakophilin 4
3p22.1*		
3p22-p21.3	CCK	Cholecystokinin <input type="checkbox"/>
3p21.33	MOBP	myelin-associated oligodendrocytic basic protein
3p22.3	CLASP2	cytoplasmic linker associated protein 2
3p21.3	RBM5	RNA binding motif protein 5
3p21	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2 <input type="checkbox"/>
3p21.2-p21.1	ITIH3	pre-alpha (globulin) inhibitor, H3 polypeptide
5q34*		
5q33.2	GRIA1	glutamate receptor, ionotropic, AMPA 1 <input type="checkbox"/>
5q34	GABRG2	gamma-aminobutyric acid (GABA) A receptor, gamma 2
5q34	KIBRA	KIBRA protein
6p22.3		
6p22.3	CAP2	adenylyl cyclase-associated protein 2
6p23	SCA1	spinocerebellar ataxia 1
11q24.1*		
11q23.3	SCN4B	sodium channel, voltage-gated, type IV, beta
11q24.2	CHEK1	CHK1 checkpoint homolog
11q23.3	DDX6	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6
11q23.3	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12
11q23.3	THY1	Thy-1.2 glycoprotein gene
14q13.1		
14q12	ARHGAP5	Rho GTPase activating protein 5
14q12	HECTD1	E3 ligase for inhibin receptor mRNA
14q12	STRN3	striatin, calmodulin binding protein 3
15q26.1		
15q26.1	IQGAP1	IQ motif containing GTPase activating protein 1
15q25.2	BTBD1	BTB (POZ) domain containing 1
16q12.2		
16q12.1	TRF4-2	topoisomerase-related function protein 4-2
16q13	MT1A	Metallothionein 1
16q12.1	CYLD	cylindromatosis (turban tumor syndrome)
20p11.23		
20p12.1	PCSK2	Proprotein convertase subtilisin/kexin type II
20p11.21	NAPB	N-ethylmaleimide-sensitive factor attachment protein, beta <input type="checkbox"/>
20p11.23	SNX5	sorting nexin 5
22q12.3		
22q12.1	PITPNB	phosphatidylinositol transfer protein, beta <input type="checkbox"/>
22q13.2	ROXAN	ubiquitous tetratricopeptide containing protein RoXaN
22q13.1	LGALS1	lectin, galactoside-binding, soluble, 1
22q13.1	NPTXR	neuronal pentraxin receptor
22q12.3	RBM9	RNA binding motif protein 9

Meta-Analyses	
2	BP (Segurado et al. 2003)
3	SZ (Lewis et al. 2003)

Additional Evidence: Postmortem