

Appendix 4 to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

Table S1: Gene annotation and statistical results on the 42 schizophrenia susceptibility genes associated with age in the prefrontal cortices of humans

Probeset	r^2	r	p value	q value	Gene name	Gene symbol	Entrez Gene
225165_at	0.840	0.916	< 0.001	< 0.001	Protein phosphatase 1, regulatory (inhibitor) subunit 1B	<i>PPP1R1B</i>	84152
225344_at	0.796	0.892	< 0.001	< 0.001	Nuclear receptor coactivator 7	<i>NCOA7</i>	135112
223500_at	0.794	0.891	< 0.001	< 0.001	Complexin 1	<i>CPLX1</i>	10815
205827_at	0.760	0.872	< 0.001	< 0.001	Cholecystokinin	<i>CCK</i>	885
210247_at	0.751	0.866	< 0.001	< 0.001	Synapsin ii	<i>SYN2</i>	6854
202508_s_at	0.749	0.865	< 0.001	< 0.001	Synaptosomal-associated protein, 25 kDa	<i>SNAP25</i>	6616
223446_s_at	0.747	0.864	< 0.001	< 0.001	Dystrobrevin binding protein 1	<i>DTNBP1</i>	84062
204041_at	0.744	0.863	< 0.001	< 0.001	Monoamine oxidase B	<i>MAOB</i>	4129
203159_at	0.741	0.861	< 0.001	< 0.001	Glutaminase	<i>GLS</i>	2744
221653_x_at	0.690	0.830	< 0.001	< 0.001	Apolipoprotein I, 2	<i>APOL2</i>	23780
204287_at	0.684	0.827	< 0.001	< 0.001	Synaptogyrin 1	<i>SYNGR1</i>	9145
204337_at	0.677	0.823	< 0.001	< 0.001	Regulator of G-protein signalling 4	<i>RGS4</i>	5999
212829_at	0.653	0.808	< 0.001	< 0.001	Phosphatidylinositol-4-phosphate 5-kinase, type ii, alpha	<i>PIP4K2A</i>	5305
207135_at	0.651	0.807	< 0.001	< 0.001	5-Hydroxytryptamine (serotonin) receptor 2A	<i>HTR2A</i>	3356
206678_at	0.631	0.795	< 0.001	< 0.001	Gamma-aminobutyric acid (GABA) a receptor, alpha 1	<i>GABRA1</i>	2554
204587_at	0.623	0.789	< 0.001	< 0.001	Solute carrier family 25 (mitochondrial carrier, brain), member 14	<i>SLC25A14</i>	9016
201525_at	0.612	0.783	< 0.001	< 0.001	Apolipoprotein D	<i>APOD</i>	347
230624_at	0.605	0.778	< 0.001	< 0.001	Solute carrier family 25, member 27	<i>SLC25A27</i>	9481
1557943_at	0.604	0.777	< 0.001	< 0.001	2',3'-Cyclic nucleotide 3' phosphodiesterase	<i>CNP</i>	1267
206849_at	0.603	0.776	< 0.001	< 0.001	Gamma-aminobutyric acid (GABA) a receptor, gamma 2	<i>GABRG2</i>	2566
214611_at	0.603	-0.776	< 0.001	< 0.001	Glutamate receptor, ionotropic, kainate 1	<i>GRIK1</i>	2897
1556097_at	0.608	-0.780	< 0.001	< 0.001	Homer homolog 2 (drosophila)	<i>HOMER2</i>	9455
213436_at	0.609	-0.780	< 0.001	< 0.001	Cannabinoid receptor 1 (brain)	<i>CNR1</i>	1268
206456_at	0.612	-0.782	< 0.001	< 0.001	Gamma-aminobutyric acid (GABA) A receptor, alpha 5	<i>GABRA5</i>	2558
205901_at	0.618	-0.786	< 0.001	< 0.001	Prepronociceptin	<i>PNOC</i>	5368
221502_at	0.622	-0.789	< 0.001	< 0.001	Karyopherin alpha 3 (importin alpha 4)	<i>KPNA3</i>	3839
32541_at	0.648	-0.805	< 0.001	< 0.001	Protein phosphatase 3 (formerly 2B), catalytic subunit	<i>PPP3CC</i>	5533
229883_at	0.651	-0.807	< 0.001	< 0.001	Glutamate receptor, ionotropic, N-methyl D-aspartate 2D	<i>GRIN2D</i>	2906
204584_at	0.664	-0.815	< 0.001	< 0.001	L1 cell adhesion molecule	<i>L1CAM</i>	3897
213845_at	0.686	-0.828	< 0.001	< 0.001	Glutamate receptor, ionotropic, kainate 2	<i>GRIK2</i>	2898
235957_at	0.708	-0.841	< 0.001	< 0.001	Glutamate receptor interacting protein 1	<i>GRIP1</i>	23426
203753_at	0.710	-0.842	< 0.001	< 0.001	Transcription factor 4	<i>TCF4</i>	6925
230836_at	0.721	-0.849	< 0.001	< 0.001	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	<i>ST8SIA4</i>	7903
219205_at	0.722	-0.850	< 0.001	< 0.001	Serine racemase	<i>SRR</i>	63826
214217_at	0.734	-0.857	< 0.001	< 0.001	Glutamate receptor, metabotropic 5	<i>GRM5</i>	2915
215634_at	0.753	-0.868	< 0.001	< 0.001	Glutamate receptor, ionotropic, AMPA 1	<i>GRIA1</i>	2890
228448_at	0.759	-0.871	< 0.001	< 0.001	Microtubule-associated protein 6	<i>MAP6</i>	4135
201874_at	0.777	-0.882	< 0.001	< 0.001	Myelin protein zero-like 1	<i>MPZL1</i>	9019
206343_s_at	0.806	-0.898	< 0.001	< 0.001	Neuregulin 1	<i>NRG1</i>	3084
207548_at	0.837	-0.915	< 0.001	< 0.001	Glutamate receptor, metabotropic 7	<i>GRM7</i>	2917
239537_at	0.864	-0.930	1.03E-20	< 0.001	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2	<i>ST8SIA2</i>	8128
233220_at	0.878	-0.937	< 0.001	< 0.001	Glutamate receptor, ionotropic, N-methyl D-aspartate 3A	<i>GRIN3A</i>	116443
206882_at	0.907	-0.953	< 0.001	< 0.001	High affinity aspartate/glutamate transporter	<i>SLC1A6</i>	6511