

Appendix 3 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: Significant Gene Ontology terms using a set of genes associated with age in the prefrontal cortices of humans ($q < 0.001$ and $r^2 > 0.6$)

Category	Term	Count (%)	p value	Fold enrichment	FDR, %
GOTERM_BP_ALL	GO:0007399~nervous system development	132 (7.37)	< 0.001	2.23	< 0.001
GOTERM_BP_ALL	GO:0016043~cellular component organization and biogenesis	289 (16.13)	< 0.001	1.40	< 0.001
GOTERM_BP_ALL	GO:0032502~developmental process	333 (18.58)	< 0.001	1.34	< 0.001
GOTERM_BP_ALL	GO:0048731~system development	197 (10.99)	< 0.001	1.47	< 0.001
GOTERM_BP_ALL	GO:0048856~anatomical structure development	232 (12.95)	< 0.001	1.42	0.001
GOTERM_BP_ALL	GO:0019226~transmission of nerve impulse	58 (3.24)	< 0.001	2.20	0.002
GOTERM_CC_ALL	GO:0044444~cytoplasmic part	378 (21.09)	< 0.001	1.25	0.005
GOTERM_BP_ALL	GO:0007275~multicellular organismal development	242 (13.50)	< 0.001	1.36	0.014
GOTERM_BP_ALL	GO:0007268~synaptic transmission	50 (2.79)	< 0.001	2.17	0.025
GOTERM_CC_ALL	GO:0043005~neuron projection	25 (1.40)	< 0.001	2.96	0.028
GOTERM_BP_ALL	GO:0006996~organelle organization and biogenesis	136 (7.59)	< 0.001	1.50	0.070
GOTERM_BP_ALL	GO:0051179~localization	304 (16.96)	< 0.001	1.27	0.105
GOTERM_CC_ALL	GO:0045202~synapse	39 (2.18)	< 0.001	2.11	0.172
GOTERM_BP_ALL	GO:0007156~homophilic cell adhesion	29 (1.62)	< 0.001	2.60	0.212
GOTERM_CC_ALL	GO:0031090~organelle membrane	155 (8.65)	< 0.001	1.38	0.233
GOTERM_MF_ALL	GO:0008092~cytoskeletal protein binding	62 (3.46)	< 0.001	1.86	0.269
GOTERM_CC_ALL	GO:0005794~Golgi apparatus	83 (4.63)	< 0.001	1.58	0.289
GOTERM_CC_ALL	GO:0044422~organelle part	343 (19.14)	< 0.001	1.20	0.350
GOTERM_CC_ALL	GO:0044446~intracellular organelle part	342 (19.08)	< 0.001	1.20	0.375
GOTERM_MF_ALL	GO:0003924~GTPase activity	36 (2.01)	< 0.001	2.21	0.958
GOTERM_CC_ALL	GO:0044456~synapse part	24 (1.34)	< 0.001	2.33	1.284
GOTERM_CC_ALL	GO:0042995~cell projection	49 (2.73)	< 0.001	1.73	1.309
GOTERM_BP_ALL	GO:0007010~cytoskeleton organization and biogenesis	67 (3.74)	< 0.001	1.68	1.363
GOTERM_CC_ALL	GO:0030424~axon	13 (0.73)	< 0.001	3.27	1.920
GOTERM_BP_ALL	GO:0007417~central nervous system development	39 (2.18)	< 0.001	1.98	2.269
GOTERM_BP_ALL	GO:0051234~establishment of localization	262 (14.62)	< 0.001	1.24	2.342
GOTERM_BP_ALL	GO:0006810~transport	255 (14.23)	< 0.001	1.25	2.349
GOTERM_BP_ALL	GO:0006006~glucose metabolic process	23 (1.28)	< 0.001	2.57	2.376
GOTERM_CC_ALL	GO:0030054~cell junction	52 (2.90)	< 0.001	1.62	2.836
GOTERM_CC_ALL	GO:0005739~mitochondrion	107 (5.97)	< 0.001	1.37	2.859
GOTERM_MF_ALL	GO:0015631~tubulin binding	17 (0.95)	< 0.001	3.20	2.968
GOTERM_CC_ALL	GO:0045211~postsynaptic membrane	21 (1.17)	< 0.001	2.25	3.330
GOTERM_CC_ALL	GO:0008021~synaptic vesicle	14 (0.78)	< 0.001	2.87	3.399

FDR = false discovery rate*; GO = Gene Ontology.

*Based on Benjamini–Hochberg method.