

		-log10(Binomial p value)															
		0	10	20	30	40	50	60	70	80	90	100	110	120	130		
nervous system development	neurogenesis															132.76	
	generation of neurons															91.21	
	modulation of synaptic transmission															90.99	
	regulation of membrane potential															84.71	
	central nervous system development															73.34	
	trans-synaptic signaling															67.47	
	chemical synaptic transmission															58.39	
	brain development															58.30	
	metencephalon development																57.27
	neuron projection development																56.51
positive regulation of nervous system development	neuron behavior															55.53	
	cerebellum development															55.47	
	regulation of nervous system development															54.99	
	single-organism behavior															54.03	
	regulation of neuron differentiation															53.72	
	regulation of system process															53.17	
	head development															52.37	
	regulation of neurogenesis															51.35	
	response to oxygen-containing compound															50.22	
	regulation of cell development															49.66	
adenylate cyclase-modulating G-protein coupled receptor signaling pathway, coupled to cyclic nucleotide second messenger	glutamate receptor signaling pathway															48.99	
	neuron development															48.50	
	adult behavior															47.58	
	system process															47.44	
	regulation of neuron projection development															46.95	
	hindbrain development															46.74	
	positive regulation of nervous system development															46.33	
	regulation of cell projection organization															46.31	
	neurological system process															44.98	
	response to external stimulus															44.13	
G-protein coupled receptor signaling pathway, coupled to cyclic nucleotide second messenger	cell-cell signaling															43.27	
	regulation of synaptic plasticity															43.25	
	multi-organism behavior															42.60	
	synapse organization															42.47	
	cell projection organization															41.72	
	positive regulation of neurogenesis															41.62	
	cognition															39.40	
	positive regulation of cell development															39.20	
	learning or memory															39.04	
	positive regulation of neuron differentiation															38.96	
adenylate cyclase-inhibiting G-protein coupled receptor signaling pathway	synapse assembly															38.55	
	response to nitrogen compound															38.31	
	cell part morphogenesis															38.07	
	cell projection morphogenesis															37.10	
	cellular response to oxygen-containing compound															36.89	
	neuron projection morphogenesis															36.43	
	positive regulation of cell differentiation															35.06	
	membrane assembly															35.65	
	regulation of blood circulation															35.61	
	cellular response to nitrogen compound															35.39	
adenylate cyclase-activating G-protein coupled receptor signaling pathway	regulation of dendrite morphogenesis															35.19	
	regulation of dendrite development															34.65	
	prepulse inhibition															34.04	
	regulation of ion transport															33.75	
	vocalization behavior															33.53	
	postsynaptic membrane assembly															33.33	
	cyclic-nucleotide-mediated signaling															32.88	
	regulation of cell morphogenesis															32.78	
	postsynaptic membrane organization															32.55	
	response to organonitrogen compound															32.37	
adenylate cyclase-inhibiting G-protein coupled receptor signaling pathway	positive regulation of dendrite development															32.23	
	CAMP-mediated signaling															32.17	
	regulation of cell morphogenesis involved in differentiation															32.13	
	regulation of cell morphogenesis															31.84	
	regulation of muscle system process															31.13	
	regulation of N-methyl-D-aspartate selective glutamate receptor activity															31.12	
	forebrain development															31.01	
	G-protein coupled receptor signaling pathway															30.93	
	postsynapse assembly															30.88	
	ionotropic glutamate receptor signaling pathway															30.73	
adenylate cyclase-inhibiting G-protein coupled receptor signaling pathway	regulation of secretion by cell															30.61	
	chemical synaptic transmission, postsynaptic															30.26	
	regulation of glutamate receptor signaling pathway															30.13	
	excitatory synapse assembly															30.21	
	single-organism cellular localization															29.97	
	response to abiotic stimulus															29.80	
	regulation of ion transmembrane transport															29.60	
	positive regulation of neuron projection development															29.51	
	regulation of anatomical structure morphogenesis															29.45	
	regulation of postsynaptic membrane potential															29.41	
adenylate cyclase-inhibiting G-protein coupled receptor signaling pathway	cellular component morphogenesis															29.33	
	regulation of secretion															29.30	
	synaptic transmission, glutamatergic															29.29	
	excitatory postsynaptic potential															29.04	
	modulation of excitatory postsynaptic potential						</										