

Supplementary Table 2

Cluster	adj.Pval	nGenes	Pathways
A	9.31E-09	133	Anatomical structure morphogenesis
A	1.40E-08	117	System process
A	3.14E-07	38	Regulation of membrane potential
A	1.46E-06	177	Cell differentiation
A	2.42E-06	112	Nervous system development
A	2.42E-06	182	Cellular developmental process
A	2.42E-06	82	Nervous system process
A	2.45E-06	62	Circulatory system development
A	3.19E-06	84	Neurogenesis
A	5.78E-06	78	Cell adhesion
A	3.10E-05	60	Sensory perception
A	4.84E-05	76	Generation of neurons
A	5.99E-05	6	Protein deubiquitination involved in ubiquitin-dependent protein catabolic process
A	7.70E-05	16	Action potential
B	1.39E-32	35	SRP-dependent cotranslational protein targeting to membrane
B	7.29E-26	39	Viral gene expression
B	7.29E-26	38	Viral transcription
B	1.78E-24	37	Translational initiation
B	1.54E-23	36	Protein targeting to membrane
B	5.51E-23	44	Establishment of protein localization to membrane
B	3.21E-22	37	Nuclear-transcribed mRNA catabolic process
B	4.63E-21	58	Translation
B	8.86E-20	63	Amide biosynthetic process