

Supplementary table 2

GO biological process complete CpG islands		P-value
regulation of multicellular organismal development (GO:2000026)		5.02E-06
regulation of nervous system development (GO:0051960)		1.23E-05
neural tube development (GO:0021915)		1.99E-05
nervous system development (GO:0007399)		2.83E-05
neurogenesis (GO:0022008)		6.32E-05
anterior/posterior pattern specification (GO:0009952)		7.91E-05
regulation of developmental process (GO:0050793)		8.05E-05
embryonic epithelial tube formation (GO:0001838)		1.30E-04
regulation of embryonic development (GO:0045995)		1.42E-04
epithelial tube formation (GO:0072175)		1.63E-04
regulation of cell differentiation (GO:0045595)		1.65E-04
generation of neurons (GO:0048699)		1.72E-04
regulation of neurogenesis (GO:0050767)		2.07E-04
morphogenesis of embryonic epithelium (GO:0016331)		2.31E-04
tube formation (GO:0035148)		2.43E-04
regulation of hemopoiesis (GO:1903706)		2.81E-04
planar cell polarity pathway involved in neural tube closure (GO:0090179)		4.02E-04
regulation of timing of cell differentiation (GO:0048505)		4.02E-04
regulation of development, heterochronic (GO:0040034)		4.59E-04
protein localization to membrane (GO:0072657)		5.13E-04
regulation of cell development (GO:0060284)		5.19E-04
regulation of establishment of planar polarity involved in neural tube closure (GO:0090178)		5.19E-04
regionalization (GO:0003002)		5.50E-04
regulation of multicellular organismal process (GO:0051239)		7.17E-04
regulation of cellular protein localization (GO:1903827)		7.25E-04
regulation of epithelial tube formation (GO:1905276)		7.98E-04
neural tube closure (GO:0001843)		9.29E-04
tube closure (GO:0060606)		9.57E-04
negative regulation of pro-B cell differentiation (GO:2000974)		7.96E-03