68/728 regulation of phosphate metabolic process 21/157 positive regulation of MAPK cascade 11/45 positive regulation of ERK1 and ERK2 cascade 12/66 regulation of ERK1 and ERK2 cascade 27/264 positive regulation of intracellular signal transduction 5/15 negative regulation of JNK cascade 95/1184 regulation of response to stimulus 32/247 regulation of MAPK cascade 54/519 regulation of intracellular signal transduction 7/30 organ growth 35/317 regulation of anatomical structure morphogenesis 10/27 regulation of epithelial to mesenchymal transition 16/122 obsolete regulation of cell morphogenesis involved in differentiation 13/42 regulation of stem cell differentiation 35/354 positive regulation of multicellular organismal process 9/40 positive regulation of cell morphogenesis 65/644 regulation of localization 11/51 regulation of epithelial cell migration 14/107 positive regulation of locomotion 5/16 regulation of striated muscle contraction 9/41 regulation of muscle contraction 12/56 regulation of muscle system process 75/817 regulation of multicellular organismal process 7/19 regulation of heart rate 9/41 regulation of heart contraction 26/140 regulation of system process 12/62 regulation of blood circulation 102/1080 regulation of biological quality 11/61 regulation of tube size 7/31 regulation of vasoconstriction 5/13 reflex 5/18 striated muscle contraction 57/436 system process 4/12 adult heart development 5/19 regulation of smooth muscle cell proliferation 10/49 embryonic organ development 5/17 embryonic hemopoiesis 4/11 obsolete post–embryonic animal organ development 5/16 anterior/posterior axis specification 4/11 oocyte axis specification 4/11 imaginal disc pattern formation 4/12 proximal/distal pattern formation 6/16 positive regulation of cell cycle G1/S phase transition 7/16 glial cell migration 9/52 muscle tissue development 6/20 cell fate specification 11/57 learning 31/217 behavior 4/11 vocalization behavior 8/44 memory 18/102 cognition 6/21 long-term memory 41/322 nervous system process 11/70 synapse organization 16/128 cell junction organization 4/12 neuron cell-cell adhesion 6/20 neuromuscular process controlling balance 21/121 modulation of chemical synaptic transmission 6/23 regulation of neurotransmitter transport 6/24 positive regulation of synaptic transmission 17/118 trans-synaptic signaling 33/272 cell communication 31/195 signaling 41/316 inorganic ion transmembrane transport 48/398 monoatomic ion transmembrane transport 47/448 monoatomic cation transport 74/797 transmembrane transport 19/82 potassium ion transport 40/325 metal ion transport 9/44 inorganic anion transport 7/34 inorganic anion transmembrane transport 45/461 regulation of transport 22/154 regulation of transmembrane transport 5/14 membrane depolarization during action potential 8/39 membrane depolarization 15/94 regulation of membrane potential 7/22 action potential 28/170 regulation of monoatomic ion transport 5/13 regulation of potassium ion transport 5/19 negative regulation of monoatomic ion transport 15/115 response to mechanical stimulus 5/15 phospholipase C-activating G protein-coupled receptor signaling pathway 52/377 G protein-coupled receptor signaling pathway 5/17 adenylate cyclase–inhibiting G protein–coupled receptor signaling pathway 20/131 neuropeptide signaling pathway 22/187 secretion 6/17 acid secretion 5/15 obsolete modulation of process of other organism involved in symbiotic interaction 14/48 modulation of process of another organism 9/28 cell killing 18/151 external encapsulating structure organization 5/13 cGMP metabolic process 6/21 cyclic nucleotide metabolic process 5/16 cyclic nucleotide biosynthetic process 8/31 phenol-containing compound metabolic process 8/31 chitin metabolic process 13/67 aminoglycan metabolic process

9/44 amino sugar metabolic process

35/324 positive regulation of phosphate metabolic process

p < 1e-04

p < 0.05

p < 0.1