p < 0.01
p < 0.05
p < 0.1

438/829 regulation of multicellular organismal process
58/112 regulation of cytokine production
7/15 regulation of interleukin−2 production
7/17 regulation of leukocyte mediated immunity
27/48 regulation of immune effector process
95/197 positive regulation of multicellular organismal process
30/58 positive regulation of defense response
269/526 positive regulation of response to stimulus
125/242 regulation of immune system process
46/90 positive regulation of immune response
56/125 positive regulation of immune system process
5/5 regulation of defense response to virus by host
41/74 regulation of innate immune response
72/143 regulation of immune response
20/40 regulation of JUN kinase
47/84 regulation of stress−activated protein kinase signaling cascade
173/324 regulation of response to stress
89/166 regulation of cellular response to stress
6/8 regulation of lipopolysaccharide−mediated signaling pathway
65/136 response to cytokine
25/46 lymphocyte differentiation
41/70 leukocyte differentiation
374/771 cell differentiation
12/21 B cell differentiation
234/430 immune system process
8/12 leukocyte homeostasis
6/7 granulocyte activation
17/23 myeloid leukocyte activation
50/93 leukocyte activation
6/7 myeloid cell activation involved in immune response
58/111 immune effector process
137/251 immune response
11/19 cytokine production
119/232 response to biotic stimulus
42/89 response to virus
85/160 response to other organism
27/55 defense response to virus
183/335 defense response
58/101 defense response to other organism
56/121 response to mechanical stimulus
281/549 response to external stimulus
54/123 calcium ion transmembrane transport
16/37 cytosolic calcium ion homeostasis
122/271 regulation of cellular localization
30/65 regulation of nucleocytoplasmic transport
314/680 regulation of localization
56/117 regulation of intracellular transport
38/77 regulation of intracellular protein transport
16/32 regulation of transcription factor import into nucleus
6/7 positive regulation of transcription factor import into nucleus
213/489 regulation of transport
61/139 regulation of establishment of protein localization
78/171 regulation of protein localization
88/195 positive regulation of transport
37/69 regulation of I−kappaB kinase/NF−kappaB signaling
4/6 regulation of neuron maturation
526/1009 regulation of cell communication
282/578 intracellular signal transduction
269/515 regulation of intracellular signal transduction
9/12 negative regulation of TOR signaling
493/997 regulation of molecular function
295/623 positive regulation of molecular function
164/352 positive regulation of hydrolase
232/484 regulation of hydrolase
114/248 regulation of nucleoside metabolic process
160/327 regulation of nucleotide metabolic process
386/758 regulation of phosphorus metabolic process
67/140 regulation of Ras GTPase
4/7 negative regulation of Rho protein signal transduction
22/45 regulation of Rho protein signal transduction
41/83 regulation of Ras protein signal transduction
60/116 regulation of small GTPase mediated signal transduction
8/12 regulation of mRNA catabolic process
175/376 regulation of catabolic process
57/103 gene silencing
257/479 negative regulation of biosynthetic process
27/52 regulation of gene silencing
41/74 protein autoubiquitination
332/628 cellular response to chemical stimulus
58/111 response to fibroblast growth factor
113/220 response to growth factor
153/301 enzyme linked receptor protein signaling pathway
521/1049 cell surface receptor signaling pathway
30/56 regulation of neural precursor cell proliferation
29/57 neural tube development
6/9 endoderm development
34/67 tube formation
4/7 regulation of bone resorption
45/94 regulation of homeostatic process
7/10 regulation of bone remodeling
5/6 negative regulation of muscle cell apoptotic process
81/162 negative regulation of cell proliferation
235/456 regulation of cell proliferation
343/637 negative regulation of metabolic process
43/82 negative regulation of protein phosphorylation
116/218 negative regulation of protein metabolic process
61/114 negative regulation of phosphorus metabolic process
424/825 regulation of protein metabolic process
25/41 regulation of chromatin organization
91/164 tissue morphogenesis
30/51 embryonic heart tube morphogenesis
342/653 anatomical structure morphogenesis
12/14 regulation of planar cell polarity pathway involved in neural tube closure
42/73 tube morphogenesis
154/275 embryonic morphogenesis
26/33 convergent extension
19/31 cardiac septum development
115/219 pattern specification process
38/59 specification of symmetry
22/35 kidney morphogenesis
20/27 maintenance of organ identity
23/39 photoreceptor cell maintenance
125/238 negative regulation of developmental process
261/498 organ development
45/81 kidney development
34/55 lung development
46/80 establishment or maintenance of cell polarity
48/84 regulation of cyclic nucleotide metabolic process
56/87 regulation of canonical Wnt signaling pathway
10/16 regulation of osteoblast proliferation
53/80 negative regulation of Wnt signaling pathway
209/405 negative regulation of response to stimulus
94/155 Wnt signaling pathway
13/25 inner ear receptor stereocilium organization
7/10 bone remodeling
117/218 organ morphogenesis
20/26 cell fate determination
104/189 cell part morphogenesis
154/277 cellular component morphogenesis
58/109 neuron projection morphogenesis
42/72 cilium morphogenesis
46/82 cilium organization
215/389 cell projection organization
75/147 cellular component assembly involved in morphogenesis
192/328 regulation of anatomical structure morphogenesis
20/30 regulation of epithelial to mesenchymal transition
388/710 regulation of developmental process
39/65 regulation of organ morphogenesis
25/42 regulation of myeloid cell differentiation
269/490 regulation of cell differentiation
49/93 positive regulation of cell projection organization
95/173 regulation of cell projection organization
384/713 regulation of cellular component organization
17/26 epithelial cilium movement
34/46 cilium movement
110/171 microtubule−based movement
190/324 microtubule−based process
7/7 mitotic spindle elongation
9/14 axonemal dynein complex assembly
184/328 locomotion
13/20 forebrain cell migration
294/515 cellular component movement
15/25 cilium or flagellum−dependent cell motility
144/259 cell motility
76/132 peptidyl−tyrosine phosphorylation
299/576 phosphorylation
47/98 protein autophosphorylation
4/5 somatic muscle development
5/9 cell fate commitment involved in formation of primary germ layer
494/978 RNA biosynthetic process
50/93 peptidyl−lysine modification
213/402 peptidyl−amino acid modification
6/8 histone H3−K4 trimethylation
83/169 covalent chromatin modification
448/814 single−organism organelle organization
9/13 myosin filament organization
173/310 cytoskeleton organization
8/9 intermediate filament−based process
8/12 lung cell differentiation
15/22 establishment of spindle localization
50/105 endosomal transport
10/19 endosome to lysosome transport
373/726 establishment of localization in cell
206/417 single−organism intracellular transport
315/597 vesicle−mediated transport
6/11 organelle transport along microtubule
29/52 cytoskeleton−dependent intracellular transport
19/33 organelle localization
6/8 negative regulation of inclusion body assembly
60/111 protein folding
233/431 death
238/411 regulation of cell cycle
140/228 regulation of mitotic cell cycle
9/13 regulation of cell cycle checkpoint
52/93 mitotic cell cycle
29/51 chromosome segregation
33/57 meiotic nuclear division
26/50 protein modification by small protein removal
273/529 protein modification by small protein conjugation or removal
29/57 protein ubiquitination involved in ubiquitin−dependent protein catabolic process
7/13 blood circulation
35/73 cell−cell adhesion
24/52 homophilic cell adhesion
32/63 peptidyl−tyrosine dephosphorylation
48/99 protein dephosphorylation
16/20 negative regulation of coagulation
25/45 modification of morphology or physiology of other organism
17/27 cell killing
9/14 pathogenesis
27/42 protein−DNA complex assembly
20/43 cellular hormone metabolic process
16/25 primary alcohol metabolic process
388/699 oxidation−reduction process
11/22 electron transport chain
24/40 monocarboxylic acid catabolic process
93/150 small molecule catabolic process
15/23 fatty acid beta−oxidation
297/539 lipid metabolic process
20/36 fatty acid catabolic process
198/363 cellular lipid metabolic process
27/38 unsaturated fatty acid metabolic process
11/14 leukotriene metabolic process
307/529 organic acid metabolic process
21/30 long−chain fatty acid metabolic process
87/144 fatty acid metabolic process
134/233 monocarboxylic acid metabolic process
121/221 lipid biosynthetic process
16/22 cellular aldehyde metabolic process
156/292 organonitrogen compound biosynthetic process
35/60 glycosyl compound biosynthetic process
28/48 nucleoside monophosphate biosynthetic process
12/14 ATP biosynthetic process
293/554 single−organism biosynthetic process
32/60 hydrogen transport
33/74 cofactor biosynthetic process
7/16 heme metabolic process
22/33 aminoglycan catabolic process
42/70 aminoglycan metabolic process
10/15 glycosaminoglycan catabolic process
552/1024 organonitrogen compound metabolic process
21/39 glycosaminoglycan metabolic process
17/30 glutathione metabolic process
31/60 peptide metabolic process
83/155 sulfur compound metabolic process
9/17 peptide catabolic process
129/239 small molecule biosynthetic process
63/106 cellular amino acid biosynthetic process
48/79 alpha−amino acid biosynthetic process
114/190 alpha−amino acid metabolic process
66/105 cellular modified amino acid metabolic process
167/273 cellular amino acid metabolic process
22/40 cellular modified amino acid biosynthetic process
14/16 NADP metabolic process
74/142 cofactor metabolic process
8/10 pentose−phosphate shunt
45/90 monosaccharide metabolic process
213/431 carbohydrate metabolic process
15/21 cellular carbohydrate biosynthetic process
27/42 carbohydrate biosynthetic process
34/53 translational initiation
129/211 translation
16/23 tRNA aminoacylation for protein translation
33/79 tRNA metabolic process
5/5 transepithelial transport
35/77 sodium ion transport
45/98 cellular component biogenesis
33/74 ribonucleoprotein complex biogenesis
37/85 rRNA metabolic process
6/6 actin filament severing