



67/297 proteasomal protein catabolic process
7/14 protein exit from endoplasmic reticulum
13/50 response to topologically incorrect protein
4/6 protein linear polyubiquitination
3/12 protein folding in endoplasmic reticulum
56/145 protein folding
13/38 chaperone-mediated protein folding
21/61 cell redox homeostasis
10/34 protein localization to mitochondrion
83/405 protein localization to organelle
13/69 mitochondrial transport
113/552 intracellular protein transport
5/15 ribosomal subunit export from nucleus
5/24 centrosome localization
14/49 retrograde vesicle-mediated transport, Golgi to endoplasmic reticulum
19/110 endoplasmic reticulum to Golgi vesicle-mediated transport
90/414 mRNA metabolic process
7/24 mRNA cleavage
14/63 RNA phosphodiester bond hydrolysis
121/600 RNA processing
14/143 RNA splicing, via transesterification reactions
67/295 mRNA processing
210/1003 RNA metabolic process
6/20 mRNA cis splicing, via spliceosome
53/224 RNA splicing
74/390 ncRNA metabolic process
46/279 ncRNA processing
113/474 cellular protein-containing complex assembly
8/38 spliceosomal snRNP assembly
238/1028 protein-containing complex subunit organization
7/24 positive regulation of DNA-templated transcription, elongation
8/36 regulation of DNA-templated transcription, elongation
5/16 positive regulation of transcription elongation from RNA polymerase II promoter
6/26 regulation of transcription elongation from RNA polymerase II promoter
4/10 attachment of spindle microtubules to kinetochore
17/75 regulation of nuclear division
131/638 cell cycle process
4/8 mitotic sister chromatid cohesion
83/409 mitotic cell cycle process
34/150 negative regulation of mitotic cell cycle
16/78 mitotic cell cycle checkpoint
4/14 DNA replication checkpoint
22/105 cell cycle checkpoint
56/287 negative regulation of cell cycle
33/161 negative regulation of cell cycle process
41/179 negative regulation of organelle organization
119/581 cellular response to DNA damage stimulus
87/429 DNA repair
234/1076 cellular response to stress
26/136 DNA replication
2/7 regulation of cellular response to heat
83/376 regulation of cellular response to stress
10/48 positive regulation of telomere maintenance
17/70 regulation of telomere maintenance
7/32 positive regulation of telomere maintenance via telomerase
44/206 regulation of chromosome organization
11/45 regulation of telomere maintenance via telomere lengthening
12/42 positive regulation of DNA biosynthetic process
5/22 positive regulation of telomerase
4/15 response to salt stress
16/71 meiotic cell cycle
95/464 cell cycle
5/10 DNA unwinding involved in DNA replication
52/246 second-messenger-mediated signaling
26/123 cAMP-mediated signaling
30/155 cyclic-nucleotide-mediated signaling
203/1001 intracellular signal transduction
67/347 G protein-coupled receptor signaling pathway
49/201 regulation of small GTPase mediated signal transduction
27/146 regulation of neurotransmitter levels
13/56 peptide secretion
11/54 lipid homeostasis
8/36 cholesterol homeostasis
5/28 intracellular lipid transport
31/139 locomotory behavior
78/346 metal ion homeostasis
60/273 divalent inorganic cation homeostasis
29/153 regulation of cytosolic calcium ion concentration
112/464 ion homeostasis
215/898 homeostatic process
136/577 chemical homeostasis
54/196 divalent inorganic cation transport
2/13 sodium ion homeostasis
24/83 monovalent inorganic cation homeostasis
90/316 inorganic ion transmembrane transport
139/565 transmembrane transport
5/16 export across plasma membrane
56/191 monovalent inorganic cation transport
30/100 potassium ion transport
136/479 cation transport
3/15 potassium ion import across plasma membrane
7/29 sodium ion transmembrane transport
15/69 sodium ion transport
201/921 regulation of transport
3/9 macrophage activation involved in immune response
35/134 regulation of cation transmembrane transport
5/12 macrophage activation
8/17 membrane depolarization during action potential
79/284 regulation of transmembrane transport
17/41 neuronal action potential
27/68 action potential
87/277 regulation of membrane potential
50/227 trans-synaptic signaling
96/468 cell communication
69/308 signaling
6/38 inorganic anion transmembrane transport
16/66 inorganic anion transport
6/28 chloride transmembrane transport
69/359 regulation of secretion
33/163 regulation of peptide secretion
30/138 regulation of hormone secretion
56/277 regulation of hormone levels
24/113 regulation of peptide hormone secretion
8/38 regulation of insulin secretion involved in cellular response to glucose stimulus
4/12 positive regulation of lipid catabolic process
26/108 sensory perception of mechanical stimulus
74/285 sensory perception
123/504 nervous system process
3/6 cranial nerve development
25/119 muscle system process
155/734 system process
23/75 detection of mechanical stimulus
36/123 detection of abiotic stimulus
47/163 detection of stimulus
14/56 detection of stimulus involved in sensory perception
35/145 response to mechanical stimulus
6/14 response to acidic pH
11/46 response to pH
3/6 regulation of blood vessel endothelial cell proliferation involved in sprouting
58/311 positive regulation of locomotion
37/157 cellular response to inorganic substance
78/346 response to inorganic substance
6/17 paranodal junction assembly
109/604 locomotion
19/128 amoeboid-type cell migration
8/31 innervation
3/36 metanephros development
6/31 response to pain
37/199 response to drug
77/364 enzyme linked receptor protein signaling pathway
206/1021 cell surface receptor signaling pathway
56/272 transmembrane receptor protein tyrosine kinase signaling pathway
21/74 fibroblast growth factor receptor signaling pathway
5/43 neuron projection extension
5/31 axon extension
8/26 intermediate filament cytoskeleton organization
6/15 retrograde axonal transport
6/17 fatty-acyl-CoA biosynthetic process
6/19 fatty-acyl-CoA metabolic process
8/22 acyl-CoA biosynthetic process
6/18 unsaturated fatty acid biosynthetic process
48/298 small molecule catabolic process
14/85 monocarboxylic acid catabolic process
32/197 organic acid catabolic process
121/693 organic acid metabolic process
58/306 cellular amino acid metabolic process
7/17 neutral amino acid transport
28/85 amino acid transport
38/137 organic acid transport
11/44 nucleoside monophosphate metabolic process
5/8 positive regulation of Golgi to plasma membrane protein transport
16/64 chromatin assembly
4/21 mitochondrial translation
12/26 digestion
36/136 DNA integration

p < 0.01
p < 0.05
p < 0.1