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23/53 regulation of translational initiation
71/247 regulation of translation
99/367 posttranscriptional regulation of gene expression
317/1333 regulation of protein metabolic process
134/297 translation
                                                                                                                                                                                                                                                                                                                                                                                                                                                        p < 0.01 p < 0.05
    10/18 formation of translation preinitiation complex 30/77 translational initiation 16/32 translational elongation
  30/90 RNA splicing, via transesterification reactions
83/269 RNA splicing
126/471 mRNA metabolic process
15/39 nuclear-transcribed mRNA catabolic process, nonsense-mediated decay
15/39 nuclear-transcribed mRNA catabolic process, nonsense-mediated decay
50/177 gene expression
37/131 cellular component biogenesis
31/96 ribonucleoprotein complex biogenesis
169/657 regulation of cell cycle
89/355 regulation of mitotic cell cycle
89/355 regulation of cell cycle phase transition
36/111 positive regulation of cell cycle process
75/302 regulation of cell cycle process
17/48 signal transduction by p53 class mediator
8/12 antigen processing and presentation of exogenous peptide antigen via MHC class I
20/51 antigen processing and presentation of peptide antigen via MHC class I
20/51 antigen processing and presentation
142/605 macromolecule catabolic process
55/202 protein catabolic process
40/142 proteasomal protein catabolic process
77/293 proteolysis involved in cellular protein catabolic process
12/26 anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic proce
9/19 protein K11-linked ubiquitination
48/175 protein polyubiquitination
15/35 extablishment of principle legalization
9/19 protein K11-linked ubiquitination
48/175 protein polyubiquitination
15/35 establishment of spindle localization
126/523 microtubule-based process
140/523 cytoskeleton organization
65/230 microtubule cytoskeleton organization
16/39 mitotic spindle organization
339/1417 single-organism organelle organization
12/25 histone H3-K4 methylation
42/127 establishment of organelle localization
9/19 establishment of chromosome localization
  9/19 establishment of chromosome local 158/524 cell division 236/840 cell cycle 5/5 protein localization to kinetochore 152/538 organelle fission
                                                                                                       romosome localization
                                                                                                                                  romosome
   253/983 cell cycle process
   29/82 chromosome segregation
                                                                                                                                       dent DNA replication
 14/35 regulation of DNA-dependent DNA replication
11/17 DNA replication initiation
10/19 DNA strand elongation
10/14 DNA strand elongation involved in DNA replication
35/75 cell redox homeostasis
95/341 cellular homeostasis
433/2001 regulation of biological quality
15/40 sterol homeostasis
39/139 maintenance of location
32/108 maintenance of protein location
8/16 maintenance of protein localization in organelle
22/61 cell killing
   22/61 cell killing
 395/1877 response to chemical
6/9 response to superoxide
61/224 response to cytokine
106/448 response to nitrogen compound
15/38 odontogenesis
  15/38 odontogenesis
103/429 regulation of MAPK cascade
231/942 regulation of phosphorylation
72/272 positive regulation of MAPK cascade
131/561 positive regulation of phosphorus metabolic process
141/587 positive regulation of protein metabolic process
331/1498 positive regulation of metabolic process
  14/26 positive regulation of intracellular signal transduction
14/26 positive regulation of epithelial to mesenchymal transition
17/39 regulation of epithelial to mesenchymal transition
187/837 regulation of cell differentiation
26/61 regulation of cell differentiation
16/40 positive regulation of cell morphogenesis involved in differentiation
31/83 response to endoplasmic reticulum stress
22/68 regulation of cell projection assembly
17/46 regulation of filopodium assembly
9/19 formation of anatomical boundary
126/535 regulation of response to stress
16/44 negative regulation of protein depolymerization
26/76 negative regulation of cytoskeleton organization
127/499 regulation of organelle organization
38/118 regulation of cellular component organization
72/250 regulation of cytoskeleton organization
23/65 regulation of protein complex disassembly
51/181 regulation of actin filament—based process
42/139 regulation of cellular component size
49/178 regulation of protein complex assembly
  49/178 regulation of protein complex assembly
120/495 positive regulation of cellular component organization
49/171 positive regulation of organelle organization
17/38 positive regulation of chromosome organization
66/246 actin filament–based process
311/1161 macromolecular complex subunit organization
44/159 actin filament organization
21/60 macromolecular complex disassembly
  323/1365 cellular component assembly 238/904 macromolecular complex assembly 126/414 cellular macromolecular complex assembly
  64/226 cellular protein complex assembly
40/108 ribonucleoprotein complex subunit organization
46/141 regulation of canonical Wnt signaling pathway
53/166 regulation of Wnt signaling pathway
13/31 atrial septum development
  16/47 cardiac septim development
62/140 protein folding
17/30 protein peptidyl—prolyl isomerization
12/22 chaperone—mediated protein folding
145/608 peptidyl—amino acid modification
11/21 protein hydroxylation
11/21 protein hydroxylation
12/13 postidyl prolips hydroxylation
  8/13 peptidyl-proline hydroxylation
25/44 peptidyl-proline modification
28/69 aspartate family amino acid metabolic process
   275/883 organic acid metabolic process
 156/431 cellular amino acid metabolic process
67/168 cellular amino acid biosynthetic process
49/117 alpha–amino acid biosynthetic process
5/6 L–serine biosynthetic process
  135/510 organonitrogen compound biosynthetic process
12/23 glutamine family amino acid biosynthetic process
7/11 proline metabolic process
244/997 single—organism biosynthetic process
11//412 small molecule biosynthetic process
35/87 glutamine family amino acid metabolic process
    104/291 alpha–amino acid metabolic process
453/1752 organonitrogen compound metabolic process
17/37 tRNA aminoacylation
                                                                                                               acid metabolic process
  14/32 glycine metabolic process
38/128 sulfur compound biosynthetic process
69/259 sulfur compound metabolic process
   57/173 cellular modified amino acid metabolic process
  6/9 amino-acid betaine catabolic process
17/41 amino-acid betaine metabolic process
222/981 organic cyclic compound catabolic process
469/1963 catabolic process
  3/14/1279 single—organism catabolic process
79/249 small molecule catabolic process
48/131 cellular amino acid catabolic process
235/951 organonitrogen compound catabolic process
7/12 threonine metabolic process
  6/9 valine metabolic process
65/237 cofactor metabolic process
15/31 one–carbon metabolic process
40/135 cellular amide metabolic process
27/88 peptide metabolic process
  54/190 nucleoside phosphate biosynthetic process
29/71 nucleoside monophosphate biosynthetic process
22/52 purine ribonucleoside monophosphate biosynthetic process
88/355 organophosphate biosynthetic process
  204/895 carbohydrate derivative catabolic process
9/11 energy coupled proton transport, down electrochemical gradient
346/1544 organophosphate metabolic process
   250/1052 nucleobase-containing small molecule metabolic process
 250/1052 nucleobase—containing sman molecum 14/34 purine nucleobase metabolic process 19/49, nucleobase metabolic process 12/15 ATP hydrolysis coupled proton transport 39/72 hydrogen transport 69/250 fatty acid metabolic process 218/944 lipid metabolic process 149/640 cellular lipid metabolic process 149/640 cellular lipid metabolic process
  17/45 neutral lipid metabolic process
111/397 monocarboxylic acid metabolic process
31/94 cellular lipid catabolic process
55/190 lipid catabolic process
   6/10 phosphatidylethanolamine metabolic process 36/76 dicarboxylic acid metabolic process
   6/7 malate metabolic process
22/46 tricarboxylic acid cycle
 37/112 generation of precursor metabolites and energy 326/1204 oxidation—reduction process 18/37 cellular aldehyde metabolic process 13/26 cellular carbohydrate catabolic process 46/153 cellular carbohydrate metabolic process 170/726 carbohydrate metabolic process 12/4/26 carbohydrate metab
   46/126 carbohydrate catabolic process
  25/78 glucose metabolic process
42/137 monosaccharide metabolic process
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NADPH regeneration

21/51 digestion

122/518 single–organism carbohydrate metabolic process
31/80 single–organism carbohydrate catabolic process