



16/203 positive regulation of cell cycle process  
22/293 positive regulation of cell cycle  
21/408 positive regulation of organelle organization  
**69/595 nervous system process**  
3/20 startle response  
29/279 cognition  
18/80 sensory perception of chemical stimulus  
**45/332 sensory perception**  
12/76 detection of stimulus involved in sensory perception  
14/120 detection of abiotic stimulus  
24/175 response to mechanical stimulus  
52/550 positive regulation of transport  
4/13 regulation of circadian sleep/wake cycle, non-REM sleep  
7/27 neuronal action potential  
13/65 action potential  
27/220 regulation of membrane potential  
43/308 synaptic signaling  
66/541 cell–cell signaling  
8/43 regulation of postsynaptic membrane potential  
5/14 mating behavior, sex discrimination  
**14/93 mating**  
**11/65 courtship behavior**  
**73/694 behavior**  
6/39 male courtship behavior  
18/148 reproductive behavior  
25/241 locomotory behavior  
23/136 cellular response to inorganic substance  
7/17 magnesium ion homeostasis  
34/379 cellular response to nitrogen compound  
65/628 cellular response to endogenous stimulus  
6/15 regulation of synaptic  
53/529 cellular response to oxygen-containing compound  
5/13 positive regulation of myoblast proliferation  
**69/670 central nervous system development**  
18/75 nerve development  
40/443 growth  
**64/697 negative regulation of RNA metabolic process**  
**50/452 negative regulation of transcription by RNA polymerase II**  
**59/571 positive regulation of transcription by RNA polymerase II**  
17/156 rhythmic process  
35/326 cell fate commitment  
46/561 pattern specification process  
57/639 tube morphogenesis  
61/682 tissue morphogenesis  
4/72 regulation of BMP signaling pathway  
58/581 embryonic morphogenesis  
52/521 circulatory system development  
36/223 camera–type eye development  
**51/562 sensory organ development**  
29/325 sensory organ morphogenesis  
53/483 epithelial cell differentiation  
32/352 epithelial cell development  
21/198 epidermis development  
42/396 axon development  
**74/715 cell morphogenesis**  
**61/589 cell morphogenesis involved in differentiation**  
31/408 taxis  
28/410 regulation of developmental growth  
45/607 regulation of growth  
19/216 positive regulation of developmental growth  
57/591 regulation of anatomical structure morphogenesis  
58/705 negative regulation of multicellular organismal process  
42/590 regulation of locomotion  
38/492 regulation of cellular component movement  
5/90 microtubule bundle formation  
**22/404 microtubule cytoskeleton organization**  
**40/703 cytoskeleton organization**  
**30/544 microtubule–based process**  
21/341 cell projection assembly  
16/244 establishment or maintenance of cell polarity  
12/128 regulation of symbiosis, encompassing mutualism through parasitism  
33/407 regulation of multi–organism process  
11/88 regulation of viral process  
**6/66 oxidative phosphorylation**  
18/259 generation of precursor metabolites and energy  
2/25 mitochondrial electron transport, NADH to ubiquinone  
**12/108 electron transport chain**  
**5/62 respiratory electron transport chain**  
10/154 energy derivation by oxidation of organic compounds  
**6/105 cellular respiration**  
**62/598 oxidation–reduction process**  
36/410 drug metabolic process  
11/163 nucleoside monophosphate metabolic process  
34/452 nucleobase–containing small molecule metabolic process  
27/327 purine–containing compound metabolic process  
13/158 nucleoside triphosphate metabolic process  
52/652 organophosphate metabolic process  
**51/680 carbohydrate derivative metabolic process**  
0/33 mitochondrial respiratory chain complex I assembly  
**22/300 mitochondrion organization**  
**1/55 mitochondrial respiratory chain complex assembly**  
5/59 mitochondrial transmembrane transport  
32/370 cofactor metabolic process  
8/174 carboxylic acid catabolic process  
6/47 cellular biogenic amine metabolic process  
**9/273 peptide biosynthetic process**  
**4/86 cytoplasmic translation**  
17/420 amide biosynthetic process  
**19/507 cellular amide metabolic process**  
**3/99 translational initiation**  
2/77 nuclear–transcribed mRNA catabolic process, nonsense–mediated decay  
**3/87 protein localization to endoplasmic reticulum**  
**3/77 establishment of protein localization to endoplasmic reticulum**  
**7/147 establishment of protein localization to membrane**  
**4/90 protein targeting to membrane**  
**16/236 protein targeting**

p < 1e–05  
p < 1e–04  
p < 0.001