

18/266 microtubule-based movement

12/112 cilium movement

1/12 inner dynein arm assembly

7/70 cilium or flagellum-dependent cell motility

0/12 outer dynein arm assembly

1/724 cell projection assembly

5/25 axonemal dynein complex assembly

0/28 intraciliary transport involved in cilium assembly

9/159 microtubule-based transport

12/144 extracellular matrix disassembly

4/15 basement membrane disassembly

5/15 fasciculation of motor neuron axon

5/16 fasciculation of motor neuron axon

6/136 regulation of cell cycle G2/M phase transition

5/48 mitotic G2/M transition checkpoint

5/47 negative regulation of cell cycle G2/M phase transition

9/123 regulation of cell cycle phase transition

10/140 signal transduction in response to DNA damage

1/20 DNA replication checkpoint signaling

1/196 negative regulation of G1/S transition of mitotic cell cycle

17/196 negative regulation of cell cycle phase transition

8/123 negative regulation of mitotic cell cycle

12/160 negative regulation of mitotic cell cycle phase transition

8/65 negative regulation of nuclear division

4/48 negative regulation of nuclear nuclear division

4/68 negative regulation of chromosome segregation

21/284 negative regulation of cell cycle process

29/395 negative regulation of cell cycle

2/20 protein localization to chromosome, centromeric region

18/223 chromosome segregation

8/126 sister chromatid segregation

3/32 sister chromatid cohesion

118/355 organelle organization

22/318 organelle fission

1/23 mitotic chromosome condensation

1/17 centrosome organization or biogenesis

8/153 mitotic nuclear division

1/11 attachment of mitotic spindle microtubules to kinetochore

1/11 attachment of spindle microtubules to kinetochore

36/633 mitotic cell cycle

2/14 meiosis I

2/18 kinetochore organization

1/9 kinetochore assembly

15/258 non-membrane-bounded organelle assembly

4/54 protein localization to chromosome

1/19 centrosome separation

2/92 microtubule organizing center organization

1/17 centrosome regulation of cell cycle transition involved in G1/S transition of mitotic cell cycle

2/34 cell cycle G1/S phase transition

3/185 cell cycle

3/185 cell cycle phase transition

5/75 cell cycle G2/M phase transition

19/194 regulation of nuclear division

1/17 regulation of mitotic sister chromatid segregation

39/907 regulation of organelle organization

7/63 regulation of chromosome separation

24/305 regulation of chromosome organization

55/635 regulation of cell cycle process

1/17 regulation of sister chromatid cohesion

10/119 regulation of chromosome segregation

66/913 regulation of cell cycle

30/249 positive regulation of cell cycle process

2/34 positive regulation of chromosome segregation

4/41 positive regulation of mitotic nuclear division

32/333 positive regulation of cell cycle

13/165 positive regulation of mitotic cell cycle

14/3 positive regulation of cell cycle phase transition

33/553 regulation of mitotic cell cycle

1/5 mitotic chromosome movement towards spindle pole

2/95 regulation of cell cycle checkpoint

22/175 regulation of cell division

7/77 regulation of cytokinesis

14/93 positive regulation of cell division

9/17 synaptonemal complex organization

7/68 chromosome organization involved in meiotic cell cycle

1/1 homologous chromosome segregation

10/89 meiosis

12/128 meiosis I cell cycle process

6/25 meiotic chromosome separation

1/1689 obsolete reproduction

10/78 meiotic chromosome segregation

16/187 meiotic nuclear division

16/158 meiotic cell cycle

8/35 chromosome separation

4/14 female meiosis chromosome segregation

45/581 female gamete generation

10/63 female meiotic nuclear division

113/1479 obsolete multicellular organism reproduction

59/829 cellular process involved in reproduction in multicellular organism

4/5 dark adaptation

5/9 positive regulation of meiosis I

29/472 male gamete generation

2/13 cell cycle comprising mitosis without cytokinesis

0/5 DNA ligation involved in DNA repair

1/10 DNA ligation

192/2893 obsolete cellular nitrogen compound metabolic process

5/5 double-strand break repair

31/586 DNA metabolic process

28/352 DNA repair

18/352 nucleic acid metabolic process

15/59 DNA recombination

4/21 mitotic recombination

1/21 homologous recombination

1/21 double-strand break repair

9/67 recombinational repair

9/127 DNA damage response

79/127 cellular response to stress

0/13 double-strand break repair via synthesis-dependent strand annealing

205/2953 cellular response to stimulus

5/5 double-strand break repair via alternative nonhomologous end joining

8/37 interstrand cross-link repair

5/29 mismatch repair

1/18 telomere maintenance via semi-conservative replication

7/60 telomere organization

52/728 chromosome organization

24/312 anatomical structure homeostasis

1/23 DNA strand elongation

5/38 obsolete nucleotide-excision repair, DNA incision

8/38 nucleotide-excision repair

10/219 obsolete nucleic acid phosphodiester bond hydrolysis

4/30 DNA synthesis involved in DNA repair

7/31 negative regulation of telomere maintenance

7/69 regulation of telomere maintenance

13/10 negative regulation of telomere capping

6/22 negative regulation of telomere maintenance via telomere lengthening

6/20 regulation of telomere maintenance via telomere lengthening

31/3177 positive regulation of biological process

1/10 negative regulation of telomere maintenance in response to DNA damage

5/45 obsolete negative regulation of response to DNA damage stimulus

3/56 regulation of DNA recombination

2/25 regulation of double-strand break repair via homologous recombination

28/1372 regulation of metabolic process

1/2 regulation of DNA metabolic process

5/46 regulation of double-strand break repair

1/2 negative regulation of DNA recombination

88/773 negative regulation of nucleobase-containing compound metabolic process

5/44 positive regulation of DNA repair

8/79 regulation of DNA repair

15/158 obsolete regulation of response to DNA damage stimulus

5/71 obsolete positive regulation of response to DNA damage stimulus

13/182 DNA replication

0/7 DNA unwinding involved in DNA replication

10/719 DNA replication initiation

107/1994 macromolecule biosynthetic process

1/63 extracellular translation

66/1250 obsolete cellular macromolecule biosynthetic process

2/28 replication fork processing

4/63 cell cycle DNA replication

2/28 nuclear DNA replication

22/610 nucleic acid biosynthetic process

1/35 DNA amplification

3/78 regulation of DNA metabolic process

0/7 regulation of DNA-templated DNA replication

0/50 negative regulation of DNA replication

0/23 regulation of DNA replication

0/23 obsolete replication fork protection

0/36 negative regulation of DNA-templated DNA replication

8/141 response to ionizing radiation

3/53 obsolete cell aging

4/58 nucleosome assembly

2/19 protein-DNA complex organization

23/348 chromatin remodeling

2/64 nucleosome organization

78/1620 protein-containing complex organization

1/45 obsolete histone exchange

1/28 centromere complex assembly

2/114 protein-DNA complex assembly

3/41 obsolete histone ubiquitination

3/25 quadruplex DNA unwinding

3/25 DNA geometric change

5/61 chromosome condensation

1/11 meiotic chromosome condensation

86/1083 positive regulation of nucleobase-containing compound metabolic process

0/72 positive regulation of DNA replication

10/172 positive regulation of DNA metabolic process

3/27 positive regulation of DNA-templated DNA replication

1/6 positive regulation of DNA endoreduplication

1/17 regulation of DNA endoreduplication

8/33 lens fiber cell differentiation

9/55 lens development in camera-type eye

116/1156 regulation of transcription by RNA polymerase II

1/198 regulation of transcription by RNA polymerase II

198/2538 regulation of biosynthetic process

7/6 regulation of receptor signaling pathway via JAK-S1AT

164/1329 negative regulation of metabolic process

10/159 obsolete gene silencing

18/228 epigenetic regulation of gene expression

18/339 transcriptional regulation of gene expression

8/88 positive regulation of chromatin organization

8/146 regulation of chromatin organization

2/38 obsolete positive regulation of histone methylation

4/10 obsolete positive regulation of histone H3-K9 methylation

8/149 positive regulation of chromosome organization

1/17 obsolete regulation of histone H3-K9 methylation

2/17 regulation of DNA-templated transcription elongation

33/409 transcription by RNA polymerase II

4/8 positive regulation of RIG-I signaling pathway

12/65 regulation of defense response to virus

24/240 regulation of response to biotic stimulus

5/13 MyD88-independent toll-like receptor signaling pathway

11/10 regulation of interferon-alpha production

8/59 regulation of type I interferon production

7/32 regulation of interferon-beta production

114/1362 positive regulation of biosynthetic process

143/182 positive regulation of metabolic process

2/35 positive regulation of type I interferon production

2/14 positive regulation of viral transcription

15/49 obsolete positive regulation of multi-organism process

1/19 blastocyst growth

6/70 blastocyst development

1/13 inner cell mass cell proliferation

262/3870 developmental process

34/555 cell population proliferation

172/2525 cellular developmental process

2/14 auditory receptor cell morphogenesis

2/25 inner ear receptor cell stereocilium organization

0/16 apoptotic process involved in morphogenesis

4/8 regulation of sensory neuron axon guidance

4/15 regulation of motor neuron migration

6/73 canonical Wnt signaling pathway

3/28 negative chemotaxis

0/12 synaptic target inhibition

4/50 left/right pattern formation

85/1561 regulation of protein metabolic process

1/19 positive regulation of neurite-throtonic phosphorylation

216/2977 negative regulation of biological process

6/17 activation of transmembrane receptor protein tyrosine kinase

4/20 regulation of glucocorticoid biosynthetic process

3/18 regulation of defecation

3/17 protein kinase C signaling

14/232 regulation of body fluid levels

6/30 response to food

9/82 obsolete cyclic-nucleotide-mediated signaling

14/174 obsolete second-messenger-mediated signaling

1/1 regulation of olfactory metabolic process

16/319 glycerolipid metabolic process

5/69 neutral lipid metabolic process

1/19 cholesterol biosynthetic process

7/93 B cell activation

6/66 B cell differentiation

5/26 V(D)J recombination

1/23 somatic recombination of immunoglobulin gene segments

5/49 somatic diversification of immune receptors

1/6 immunoglobulin V(D)J recombination

1/37 production of molecular mediator of immune response

0/23 B cell mediated immunity

5/38 obsolete histone phosphorylation

5/23 obsolete histone-threonine phosphorylation

5/23 peptide-lysine phosphorylation

4/23 cell competition in a multicellular organism

4/54 regulation of cell cycle

2/15 mRNA 3'-splice site recognition

5/56 spliceosomal complex assembly

3/56 splice site recognition

35/652 RNA processing

60/1659 mRNA processing

239/3892 macromolecule metabolic process

22/505 mRNA metabolic process

112/15 protein-RNA complex organization

1/221 regulation of mRNA metabolic process

6/144 regulation of mRNA processing

1/20 regulation of nucleobase-containing compound transport

2/42 maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)

1/43 endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (S

13/186 rRNA metabolic process

12/285 obsolete ncRNA processing

12/285 obsolete ncRNA processing

12/283 ribosome biogenesis

4/113 ribosomal protein complex biogenesis

13/62 RNA secondary structure unwinding

7/227 nuclear transport

2/27 germ-line sex determination

4/51 sex determination

1/42 cell-substrate junction assembly

3/16 positive regulation of synaptic transmission, glutamatergic

2/41 regulation of nitric oxide metabolic process

117/1665 obsolete multi-organism process

6/33 aggressive behavior

6/24 regulation of olfactory learning

6/25 regulation of backward locomotion

0/13 amyloid precursor protein metabolic process

0/7 amyloid-beta formation

0/9 amyloid precursor protein metabolic process