



3/69 ERAD pathway
7/380 protein catabolic process
2/15 protein exit from endoplasmic reticulum
6/487 protein modification by small protein conjugation or removal
8/181 response to endoplasmic reticulum stress
6/70 endoplasmic reticulum unfolded protein response
1/6 PERK-mediated unfolded protein response
8/114 response to topologically incorrect protein
0/9 regulation of translational initiation in response to stress
2/30 negative regulation of response to endoplasmic reticulum stress
9/408 regulation of cellular response to stress
3/59 regulation of response to endoplasmic reticulum stress
2/13 protein folding in endoplasmic reticulum
4/133 protein folding
0/96 translational initiation
0/86 cytoplasmic translation
10/624 macromolecule catabolic process
0/75 nuclear-transcribed mRNA catabolic process, nonsense-mediated decay
1/85 protein localization to endoplasmic reticulum
0/75 establishment of protein localization to endoplasmic reticulum
2/279 establishment of protein localization to organelle
0/86 protein targeting to membrane
1/216 protein targeting
3/559 intracellular protein transport
1/138 establishment of protein localization to membrane
3/257 protein localization to membrane
6/221 vesicle organization
2/111 endoplasmic reticulum to Golgi vesicle-mediated transport
5/144 phagocytosis
2/35 defense response to virus
3/93 regulation of cell cycle G1/S phase transition
7/254 regulation of cell cycle phase transition
4/180 negative regulation of cell cycle process
10/454 regulation of cell cycle process
1/68 positive regulation of cell cycle phase transition
5/184 positive regulation of cell cycle process
1/65 regulation of mitotic sister chromatid segregation
8/438 regulation of mitotic cell cycle
1/98 regulation of chromosome segregation
2/275 regulation of chromosome organization
3/89 DNA integrity checkpoint
4/125 cell cycle checkpoint
8/311 negative regulation of cell cycle
4/171 negative regulation of mitotic cell cycle
10/550 mitotic cell cycle
1/138 mitotic nuclear division
1/20 attachment of spindle microtubules to kinetochore
5/296 organelle fission
0/29 sister chromatid cohesion
1/115 sister chromatid segregation
15/623 chromosome organization
4/195 chromosome segregation
0/146 spindle organization
2/376 microtubule cytoskeleton organization
0/87 mitotic spindle organization
0/42 mitotic spindle assembly
1/128 microtubule cytoskeleton organization involved in mitosis
0/85 spindle assembly
14/478 DNA metabolic process
3/80 recombinational repair
10/300 DNA repair
4/136 double-strand break repair
6/135 DNA recombination
14/451 cellular response to DNA damage stimulus
0/17 nucleotide-excision repair, DNA gap filling
0/22 DNA strand elongation
0/16 DNA strand elongation involved in DNA replication
1/45 cell cycle DNA replication
1/32 nuclear DNA replication
1/6 mitotic DNA replication
2/96 DNA-dependent DNA replication
4/137 DNA replication
0/6 DNA unwinding involved in DNA replication
0/54 DNA geometric change
1/22 mismatch repair
1/7 regulation of DNA-dependent DNA replication initiation
4/84 regulation of DNA replication
7/262 regulation of DNA metabolic process
3/50 regulation of DNA-dependent DNA replication
3/95 negative regulation of DNA metabolic process
1/15 chromatin remodeling at centromere
8/73 chromatin assembly or disassembly
2/22 centromere complex assembly
1/52 chromosome condensation
7/119 DNA packaging
7/170 DNA conformation change
1/12 heterochromatin organization involved in chromatin silencing
1/27 heterochromatin organization
1/51 blastocyst development
2/43 nephron epithelium morphogenesis
14/578 tube morphogenesis
0/6 mesonephric tubule formation
2/53 kidney morphogenesis
0/11 regulation of mesonephros development
15/507 sensory organ development
0/41 artery development
11/281 cell fate commitment
1/38 osteoblast differentiation
11/330 reproductive system development
8/197 development of primary sexual characteristics
0/9 positive regulation of chondrocyte differentiation
1/22 regulation of chondrocyte differentiation
2/35 regulation of cartilage development
1/18 positive regulation of cartilage development
3/105 limb development
1/13 positive regulation of pathway-restricted SMAD protein phosphorylation
11/395 growth
0/11 germ-band shortening
6/64 nerve development
0/9 mitochondrial electron transport, ubiquinol to cytochrome c
0/66 oxidative phosphorylation
3/149 energy derivation by oxidation of organic compounds
3/269 mitochondrion organization
1/59 lipoprotein metabolic process

p < 0.001
p < 0.01
p < 0.05