GO_Biological_Process_2017

ER to Golgi vesicle-mediated transport (GO:0006888)
post-translational protein modification (GO:0043687)
retrograde vesicle-mediated transport, Golgi to ER (GO:0006890)
cargo loading into vesicle (GO:0035459)
purine nucleotide biosynthetic process (GO:0006164)
cellular protein metabolic process (GO:0044267)
response to interleukin-1 (GO:0070555)
protein exit from endoplasmic reticulum (GO:0032527)
N-terminal peptidyl-methionine acetylation (GO:0017196)
ation of RNA polymerase II transcriptional preinitiation complex assembly (GO:0045899)

0 1 2 3 4 5
-log$_{10}$ P-value

GO_Cellular_Component_2017

endoplasmic reticulum-Golgi intermediate compartment (GO:0005793)
transport vesicle (GO:0030133)
mitochondrion (GO:0005739)
Golgi apparatus (GO:0005794)
mitochondrial inner membrane (GO:0005743)
mitochondrial matrix (GO:0005759)
endoplasmic reticulum-Golgi intermediate compartment membrane (GO:0033116)
Golgi membrane (GO:0000139)
COPI vesicle coat (GO:0030126)
zymogen granule membrane (GO:0042589)

0 1 2 3 4 5 6 7
-log$_{10}$ P-value

GO_Molecular_Function_2017

protein disulfide isomerase activity (GO:0003756)
proteasome-activating ATPase activity (GO:0036402)
peptide disulfide oxidoreductase activity (GO:0015037)
peptide alpha-N-acetyltransferase activity (GO:0004596)
FAD binding (GO:0071949)
FK506 binding (GO:0005528)
oxidoreductase activity (GO:0016491)
TBP-class protein binding (GO:0017025)
RNA binding (GO:0003723)
peptidyl-prolyl cis-trans isomerase activity (GO:0003755)

0 1 2
-log$_{10}$ P-value

KEGG_2016

Carbon metabolism_Homo sapiens_hsa01200
Lysosome_Homo sapiens_hsa04142
Cysteine and methionine metabolism_Homo sapiens_hsa00270
2-Oxocarboxylic acid metabolism_Homo sapiens_hsa01210
Glutathione metabolism_Homo sapiens_hsa00480
Pathogenic Escherichia coli infection_Homo sapiens_hsa05130
Terpenoid backbone biosynthesis_Homo sapiens_hsa00900
Non-small cell lung cancer_Homo sapiens_hsa05223
Protein export_Homo sapiens_hsa03060
Maturity onset diabetes of the young_Homo sapiens_hsa04950

0 1 2
-log$_{10}$ P-value