Biological process

transport
transmembrane transport
translational frameshifting
translation
transition metal ion transport
steroid metabolic process
steroid biosynthetic process
spindle checkpoint
spindle assembly checkpoint
sister chromatid segregation
rRNA processing
rRNA metabolic process
ribonucleotide metabolic process
ribonucleotide biosynthetic process
ribonucleoside triphosphate metabolic process
ribonucleoside triphosphate biosynthetic process
response to wounding
response to stress
response to stimulus
response to oxidative stress
response to organic substance
response to hormone stimulus
response to endogenous stimulus
response to drug
response to chemical stimulus
response to biotic stimulus
response to auxin stimulus
regulation of translational termination
regulation of transcription, DNA- dependent
regulation of transcription
regulation of spindle organization
regulation of RNA metabolic process
regulation of primary metabolic process
regulation of photosynthesis, light reaction
regulation of photosynthesis
regulation of organelle organization
regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
regulation of nuclear division
regulation of nitrogen compound metabolic process
regulation of mitotic spindle organization
regulation of mitotic metaphase/anaphase transition
regulation of mitotic cell cycle
regulation of mitosis
regulation of microtubule cytoskeleton organization
regulation of microtubule- based process
regulation of metabolic process
regulation of macromolecule metabolic process
regulation of macromolecule biosynthetic process
regulation of generation of precursor metabolites and energy
regulation of gene expression
regulation of DNA replication
regulation of cellular process
regulation of cellular metabolic process
regulation of cellular component organization
regulation of cellular biosynthetic process
regulation of cell cycle process
regulation of cell cycle
regulation of biosynthetic process
regulation of biological quality
regulation of biological process
pyruvate transport
pyrimidine deoxyribonucleoside triphosphate metabolic process
pyrimidine deoxyribonucleoside metabolic process
purine ribonucleotide metabolic process
purine ribonucleotide biosynthetic process
purine ribonucleoside triphosphate metabolic process
purine ribonucleoside triphosphate biosynthetic process
purine nucleotide metabolic process
purine nucleotide biosynthetic process
purine nucleoside triphosphate metabolic process
purine nucleoside triphosphate biosynthetic process
proton transport
proteolysis involved in cellular protein catabolic process
protein peptidyl- prolyl isomerization
protein modification process
protein metabolic process
protein folding
protein catabolic process
protein amino acid phosphorylation
primary metabolic process
post- translational protein modification
positive regulation of translational termination
positive regulation of translational elongation
positive regulation of translation
positive regulation of protein metabolic process
positive regulation of protein complex disassembly
positive regulation of macromolecule metabolic process
positive regulation of macromolecule biosynthetic process
positive regulation of cellular protein metabolic process
positive regulation of cellular process
positive regulation of cellular component organization
positive regulation of cellular biosynthetic process
positive regulation of biosynthetic process
positive regulation of biological process
polysaccharide metabolic process
polyol biosynthetic process
plant- type cell wall organization or biogenesis
plant- type cell wall organization
photosystem II stabilization
photosynthetic electron transport in photosystem II
photosynthetic electron transport chain
photosynthesis, light reaction
photosynthesis, light harvesting
photosynthesis
phosphorylation
phosphorus metabolic process
phosphate metabolic process
oxidative phosphorylation
oxidation reduction
organic ether metabolic process
organic anion transport
organic acid transport
organic acid biosynthetic process
nucleotide metabolic process
nucleotide biosynthetic process
nucleoside triphosphate metabolic process
nucleoside triphosphate biosynthetic process
nucleoside phosphate metabolic process
nucleobase, nucleoside and nucleotide metabolic process
nuclear division
nicotianamine metabolic process
nicotianamine biosynthetic process
negative regulation of nuclear division
negative regulation of mitotic metaphase/anaphase transition
negative regulation of mitosis
negative regulation of cell cycle process
M phase of mitotic cell cycle
M phase
monovalent inorganic cation transport
monocarboxylic acid transport
monocarboxylic acid metabolic process
mitotic sister chromatid segregation
mitotic chromosome condensation
mitotic cell cycle spindle checkpoint
mitotic cell cycle spindle assembly checkpoint
mitotic cell cycle checkpoint
mitotic cell cycle
mitosis
mitochondrion organization
mitochondrial transport
mitochondrial pyruvate transport
microtubule- based process
microtubule- based movement
methionine metabolic process
metal ion transport
macromolecule modification
macromolecule metabolic process
macromolecule catabolic process
macromolecule biosynthetic process
L- serine metabolic process
L- phenylalanine metabolic process
L- phenylalanine biosynthetic process
localization
lipid metabolic process
lipid biosynthetic process
isoprenoid metabolic process
isoprenoid biosynthetic process
iron ion transport
iron ion homeostasis
ion transport
ion transmembrane transport
inositol biosynthetic process
hydrogen transport
homeostatic process
glycerol ether metabolic process
glutamine biosynthetic process
glucan metabolic process
generation of precursor metabolites and energy
gene expression
fatty acid metabolic process
fatty acid biosynthetic process
establishment of localization
energy derivation by oxidation of organic compounds
energy coupled proton transport, down electrochemical gradient
energy coupled proton transport, against electrochemical gradient
electron transport chain
dUTP metabolic process
drug transport
drug transmembrane transport
DNA replication
DNA metabolic process
DNA- dependent DNA replication initiation
DNA- dependent DNA replication
di- , tri- valent inorganic cation transport
di- , tri- valent inorganic cation homeostasis
deoxyribonucleoside triphosphate metabolic process
deoxyribonucleoside metabolic process
defense response
cytokinesis
cysteine metabolic process
cysteine biosynthetic process from serine
cysteine biosynthetic process
chromosome segregation
chromosome condensation
cell wall organization or biogenesis
cell wall organization
cell wall macromolecule metabolic process
cellular respiration
cellular protein metabolic process
cellular protein catabolic process
cellular polysaccharide metabolic process
cellular metabolic process
cellular macromolecule metabolic process
cellular macromolecule catabolic process
cellular macromolecule biosynthetic process
cellular iron ion homeostasis
cellular homeostasis
cellular glucan metabolic process
cellular di- , tri- valent inorganic cation homeostasis
cellular cation homeostasis
cellular catabolic process
cellular biosynthetic process
cellular aromatic compound metabolic process
cell redox homeostasis
cell proliferation
cell division
cell cycle phase
cell cycle checkpoint
cell cycle
cation transport
cation homeostasis
carboxylic acid transport
carboxylic acid biosynthetic process
carbohydrate metabolic process
biosynthetic process
biological regulation
ATP synthesis coupled proton transport
ATP metabolic process
ATP hydrolysis coupled proton transport
ATP biosynthetic process
aromatic amino acid family biosynthetic process, prephenate pathway
anion transport

Dawn_Down
Dawn_Up
Dusk_Down
Dusk_Up
Dawn_Down
Dawn_Up
Dusk_Down
Dusk_Up
Dawn_Down
Dawn_Up
Dusk_Down
Dusk_Up
Dawn_Down
Dawn_Up
Dusk_Down
Dusk_Up
Leaf
Root
Leaf
Root
Cold
Heat

count
200
400
600

- log10(pvalue)
20
15
10
5