Biological Processes
aromatic amino acid metabolic process
ornithine biosynthetic process
methionine catabolic process
citrulline biosynthetic process
proline catabolic process
4−hydroxyproline catabolic process
methionyl−tRNA aminoacylation
circulatory system development
regulation of dendrite development
floor plate development
positive regulation of amacrine cell differentiation
cerebral cortex GABAergic interneuron fate commitment
specification of proximal tubule identity
negative regulation of transcription from RNA polymerase II promoter involved in smooth muscle cell differentiation
telencephalon development
GABAergic neuron differentiation in basal ganglia
neural nucleus development
regulation of female gonad development
negative regulation of synaptic assembly at neuromuscular junction
nephron tubule development
subpallium development
proximal/distal pattern formation involved in pronephric nephron development
oocyte dorsal/ventral axis specification
proximal/distal pattern formation
determination of pancreatic left/right asymmetry
regulation of dendrite morphogenesis
determination of liver left/right asymmetry
chondrocyte intercalation involved in growth plate cartilage morphogenesis
positive regulation of megakaryocyte differentiation
positive regulation of meiotic cell cycle process involved in oocyte maturation
neural crest cell development
negative regulation of post−embryonic development
dendrite arborization
endothelial tip cell fate specification
cerebellar molecular layer formation
blastoderm segmentation
forebrain neuron differentiation
spinal cord dorsal/ventral patterning
embryonic liver development
type I pneumocyte differentiation
notochord cell differentiation
skin epidermis development
stem vascular tissue pattern formation
Notch signaling pathway involved in arterial endothelial cell fate commitment
craniofacial suture morphogenesis
hemangioblast cell differentiation
glomus development
cerebellar Purkinje cell layer structural organization
negative regulation of cardiac muscle cell differentiation
positive regulation of skeletal muscle tissue growth
cerebellar cortex development
anatomical structure formation involved in morphogenesis
cotyledon vascular tissue pattern formation
positive regulation of glycoprotein biosynthetic process
glucose 6−phosphate metabolic process
positive regulation of glycogen biosynthetic process
positive regulation of macrophage derived foam cell differentiation
dendritic spine organization
skeletal muscle satellite cell migration
cellular detoxification of cadmium ion
regulation of DNA endoreduplication
positive regulation of transcription of nucleolar large rRNA by RNA polymerase I
positive regulation of transcription from RNA polymerase II promoter in response to stress
T cell activation
induced systemic resistance
leukocyte migration involved in inflammatory response
B cell activation
complement activation, classical pathway
leukocyte chemotaxis
antigen transcytosis by M cells in mucosal−associated lymphoid tissue
regulation of mast cell activation
immune response
negative regulation of inflammatory response
positive regulation of protein insertion into mitochondrial outer membrane
green leaf volatile biosynthetic process
fatty acid biosynthetic process
phosphatidic acid biosynthetic process
fatty acid derivative biosynthetic process
cardiolipin acyl−chain remodeling
retrograde neuronal dense core vesicle transport
anterograde neuronal dense core vesicle transport
protein transport along microtubule
muscle filament sliding
regulation of the force of skeletal muscle contraction
regulation of slow−twitch skeletal muscle fiber contraction
positive regulation of heart rate involved in baroreceptor response to decreased systemic arterial blood pressure
sensory processing
sensory perception of taste
associative learning
negative regulation of hydrogen peroxide−mediated programmed cell death
anaphase−promoting complex−dependent catabolic process
ubiquitin−dependent protein catabolic process
negative regulation of chaperone−mediated protein folding
peptidyl−lysine modification to peptidyl−hypusine
zymogen activation
protein heterooligomerization
protein homooligomerization
protein homotrimerization
positive regulation of protein−containing complex assembly
generation of ovulation cycle rhythm
male meiosis I
positive regulation of meiotic cell cycle
flagellated sperm motility
synaptic transmission involved in micturition
negative regulation of Wnt signaling pathway
negative regulation of Notch signaling pathway
insulin receptor signaling pathway
synaptic transmission, cholinergic
regulation of acetylcholine secretion, neurotransmission
regulation of adenylate cyclase−activating G protein−coupled receptor signaling pathway
regulation of synaptic vesicle exocytosis
regulation of norepinephrine secretion
acetylcholine receptor signaling pathway
regulation of synaptic transmission, dopaminergic
activation of transmembrane receptor protein tyrosine kinase activity
abscisic acid−activated signaling pathway
negative regulation of Rho protein signal transduction
small GTPase mediated signal transduction
negative regulation of glucocorticoid secretion
polyphosphate−mediated signaling
positive regulation of chemorepellent activity
positive regulation of TORC2 signaling
transmembrane receptor protein tyrosine phosphatase signaling pathway
positive regulation of synaptic transmission
positive regulation of long−term synaptic potentiation
positive regulation of excitatory postsynaptic potential
hydrogen sulfide metabolic process
sulfide oxidation, using sulfide:quinone oxidoreductase
glucosinolate biosynthetic process
fructose transmembrane transport
glucose transmembrane transport
carbohydrate transmembrane transport
inorganic cation transmembrane transport
endocytosis
negative regulation of regulated secretory pathway
phagocytosis, engulfment
vitamin B6 metabolic process
behavioral response to nicotine
intracellular sulfide ion homeostasis
amyloid−beta clearance
cellular response to cGMP
positive regulation of cholesterol storage
plasma lipoprotein particle clearance
cellular response to stimulus
cholesterol transport
leukotriene biosynthetic process
response to food
negative regulation of interleukin−1 beta production
dehydroascorbic acid transport
negative regulation of cellular response to transforming growth factor beta stimulus
lipoprotein transport
glutathione biosynthetic process
negative regulation of interleukin−6 production
biosynthetic process
positive regulation of RNA biosynthetic process
cellular response to gonadotropin−releasing hormone
positive regulation of protein oxidation
negative regulation of tumor necrosis factor production
detection of stimulus
response to hypoxia
response to cold
peptidyl−lysine oxidation
regulation of amyloid fibril formation
regulation of myosin−light−chain−phosphatase activity
positive regulation of CoA−transferase activity
regulation of neurotransmitter levels
hemolysis in another organism
response to abiotic stimulus
response to amyloid−beta
positive regulation of cysteine−type endopeptidase activity involved in apoptotic process
peptidyl−arginine N−methylation
chemotaxis to folate
activation of phospholipase D activity
positive regulation of positive chemotaxis to cAMP
cellular defense response
intercellular transport
abscisic acid transport
asexual reproduction
response to cisplatin
response to vanadate(3−)
positive regulation of protein−containing complex disassembly
negative regulation of feeding behavior
transformation of host cell by virus
positive regulation of respiratory burst
pore formation in membrane of another organism
behavioral response to ethanol
response to heat
cellular response to chemical stress
organic substance biosynthetic process
cytolysis
positive regulation of protein localization to nucleolus
transpiration
cytokinin transport
negative regulation of transporter activity
cellular metabolic process
positive regulation of lipase activity
hormone transport
membrane depolarization
glucose homeostasis
regulation of neuron death
response to resveratrol
trehalose transport
regulation of hydrogen peroxide metabolic process
negative regulation of interleukin−10 production
response to chemical
negative regulation of protein phosphorylation
membrane depolarization during cardiac muscle cell action potential
protein repair
sexual reproduction
molting cycle, collagen and cuticulin−based cuticle
protein adenylylation
1
2
3
4
−Log10 (pvalue)
mino acid metabolic proces
anatomical structure development
immune system process
pid metabolic proces
nervous system process
signaling
NA