**Biological Processes** intracellular sulfide ion homeostasis positive regulation of transcription of nucleolar large rRNA by RNA polymerase I hydrogen sulfide metabolic process amyloid-beta clearance sulfide oxidation, using sulfide:quinone oxidoreductase positive regulation of macrophage derived foam cell differentiation synaptic transmission involved in micturition cellular detoxification of cadmium ion positive regulation of cholesterol storage plasma lipoprotein particle clearance cellular response to stimulus cellular response to cGMP behavioral response to nicotine fructose transmembrane transport protein heterooligomerization cholesterol transport leukotriene biosynthetic process negative regulation of Wnt signaling pathway response to abiotic stimulus small GTPase mediated signal transduction aromatic amino acid metabolic process regulation of dendrite development floor plate development dehydroascorbic acid transport negative regulation of Notch signaling pathway histone ubiquitination positive regulation of amacrine cell differentiation negative regulation of cellular response to transforming growth factor beta stimulus 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 cytogamy actin filament polymerization involved in mitotic actomyosin contractile ring assembly vitamin B6 metabolic process multicellular organismal reproductive process lipoprotein transport anaphase-promoting complex-dependent catabolic process telencephalon development insulin receptor signaling pathway glutathione biosynthetic process amino acid transport Schwann cell differentiation glucose transmembrane transport GABAergic neuron differentiation in basal ganglia positive regulation of protein insertion into mitochondrial outer membrane regulation of acetylcholine secretion, neurotransmission response to melanocyte-stimulating hormone negative regulation of glucagon secretion protein homotrimerization negative regulation of hydrogen peroxide-mediated programmed cell death negative regulation of synaptic assembly at neuromuscular junction neural nucleus development positive regulation of meiotic cell cycle process involved in oocyte maturation protein localization to mitotic spindle pole body positive regulation of RNA biosynthetic process regulation of leukocyte chemotaxis positive regulation of cell cycle phase transition cellular response to diamide green leaf volatile biosynthetic process regulation of adenylate cyclase-activating G protein-coupled receptor signaling pathway negative regulation of regulated secretory pathway cellular response to gonadotropin-releasing hormone positive regulation of protein oxidation regulation of the force of skeletal muscle contraction regulation of slow-twitch skeletal muscle fiber contraction regulation of female gonad development ornithine biosynthetic process induced systemic resistance fatty acid biosynthetic process detection of stimulus immune response glucosinolate biosynthetic process nephron tubule development phagocytosis, engulfment regulation of myosin-light-chain-phosphatase activity regulation of neurotransmitter levels negative regulation of appetite subpallium development phosphatidic acid biosynthetic process negative regulation of actin filament binding actin cortical patch organization hemolysis in another organism proximal/distal pattern formation involved in pronephric nephron development oocyte dorsal/ventral axis specification positive regulation of tau-protein kinase activity determination of pancreatic left/right asymmetry peptidyl-arginine N-methylation proximal/distal pattern formation positive regulation of cysteine-type endopeptidase activity involved in apoptotic process regulation of dendrite morphogenesis methionine catabolic process male meiosis I chemotaxis to folate activation of transmembrane receptor protein tyrosine kinase activity sensory perception of taste negative regulation of chaperone-mediated protein folding activation of phospholipase D activity positive regulation of positive chemotaxis to cAMP determination of liver left/right asymmetry regulation of epidermis development chondrocyte intercalation involved in growth plate cartilage morphogenesis positive regulation of megakaryocyte differentiation peptidyl-lysine modification to peptidyl-hypusine positive regulation of fatty acid oxidation neural crest cell development cellular defense response fatty acid derivative biosynthetic process negative regulation of post-embryonic development intercellular transport abscisic acid-activated signaling pathway abscisic acid transport negative regulation of double-strand break repair via nonhomologous end joining asexual reproduction response to cisplatin response to vanadate(3-) positive regulation of protein-containing complex disassembly positive regulation of glycoprotein biosynthetic process negative regulation of feeding behavior transformation of host cell by virus retrograde neuronal dense core vesicle transport positive regulation of respiratory burst endothelial tip cell fate specification cerebellar molecular layer formation anterograde neuronal dense core vesicle transport muscle filament sliding hemangioblast cell differentiation positive regulation of protein-containing complex assembly cell differentiation pore formation in membrane of another organism blastoderm segmentation positive regulation of transcription from RNA polymerase II promoter in response to heat stress positive regulation of meiotic cell cycle carbohydrate transmembrane transport forebrain neuron differentiation cellular response to chemical stress craniofacial suture morphogenesis cytolysis response to heat negative regulation of interleukin-1 beta production skeletal muscle satellite cell migration positive regulation of lipase activity positive regulation of protein localization to nucleolus regulation of barbed-end actin filament capping spinal cord dorsal/ventral patterning embryonic liver development leukocyte chemotaxis type I pneumocyte differentiation notochord cell differentiation positive regulation of transcription from RNA polymerase II promoter in response to stress negative regulation of glucocorticoid secretion transmembrane receptor protein tyrosine phosphatase signaling pathway cellular response to sodium arsenite polyphosphate-mediated signaling citrulline biosynthetic process positive regulation of testosterone secretion leukocyte migration involved in inflammatory response complement activation, classical pathway skin epidermis development regulation of DNA endoreduplication transpiration stem vascular tissue pattern formation cytokinin transport proline catabolic process 4-hydroxyproline catabolic process positive regulation of chemorepellent activity positive regulation of TORC2 signaling negative regulation of transporter activity Notch signaling pathway involved in arterial endothelial cell fate commitment zymogen activation negative regulation of insulin receptor signaling pathway methionyl-tRNA aminoacylation T cell activation thyroid hormone metabolic process regulation of monoatomic ion transport protein transport along microtubule glomus development membrane depolarization hormone transport antigen transcytosis by M cells in mucosal-associated lymphoid tissue response to chemical response to resveratrol cerebellar Purkinje cell layer structural organization glucose homeostasis cardiolipin acyl-chain remodeling positive regulation of mRNA polyadenylation rostrocaudal neural tube patterning positive regulation of immature T cell proliferation in thymus protein repair hematopoietic stem cell migration regulation of mast cell activation trehalose transport positive regulation of glycogen biosynthetic process regulation of hydrogen peroxide metabolic process response to food sexual reproduction inorganic cation transmembrane transport regulation of meiotic nuclear division negative regulation of interleukin-10 production negative regulation of cardiac muscle cell differentiation positive regulation of skeletal muscle tissue growth cerebellar cortex development glucose 6-phosphate metabolic process positive regulation of synaptic plasticity positive regulation of synapse maturation membrane depolarization during cardiac muscle cell action potential cotyledon vascular tissue pattern formation molting cycle, collagen and cuticulin-based cuticle anatomical structure formation involved in morphogenesis protein adenylylation -Log10 (pvalue)