

term

small GTPase binding
SH3 domain binding
DNA binding
X11-like protein binding
RS domain binding
beta-tubulin binding
acetyltransferase activator activity
polysome binding
aspartic endopeptidase activity, intramembrane cleaving
phosphoserine residue binding
transforming growth factor beta receptor activity, type I
ubiquitin protein ligase activity
SH2 domain binding
MRF binding
S100 protein binding
phosphotyrosine residue binding
transcription regulatory region sequence-specific DNA binding
protein serine/threonine kinase activity
ADP-ribosylglutamate hydrolase activity
beta-N-acetylglucosaminidase activity
protein domain specific binding
phosphatidylinositol-3,4,5-trisphosphate binding
K63-linked polyubiquitin modification-dependent protein binding
ubiquitin-protein transferase activity
structural constituent of postsynaptic actin cytoskeleton
SMAD binding
Rho guanyl-nucleotide exchange factor activity
transcription coactivator activity
importin-alpha family protein binding
protein tyrosine kinase activator activity
mRNA CDS binding
actinin binding
phosphatidylserine binding
aminomethyltransferase activity
actin binding
protein tyrosine/serine/threonine phosphatase activity
RNA polymerase II cis-regulatory region sequence-specific DNA binding
nucleic acid binding
microtubule minus-end binding
protein phosphatase binding
protein kinase activity
ubiquitin binding
sodium:phosphate symporter activity
ATP binding
purine-nucleoside phosphorylase activity
retinoic acid receptor binding
TORC2 complex binding
calcium-dependent protein kinase activity
cadherin binding
Rho GTPase binding
GTPase inhibitor activity
DNA-binding transcription factor activity, RNA polymerase II-specific
protein kinase B binding
transcription factor binding
kinase activity
prerlylated protein tyrosine phosphatase activity
histone methyltransferase activity (H3-K36 specific)
nuclear hormone receptor binding
histone methyltransferase activity (H3-K9 specific)
Rac GTPase binding
type II transforming growth factor beta receptor binding
transforming growth factor beta receptor activity, type III
steroid hormone receptor activity
[protein]-3-O-(N-acetyl-D-glucosaminy)-L-threonine O-N-acetyl-alpha-D-glucosaminase activity
[protein]-3-O-(N-acetyl-D-glucosaminy)-L-serine-L-threonine O-N-acetyl-alpha-D-glucosaminase activity
[protein]-3-O-(N-acetyl-D-glucosaminy)-L-serine O-N-acetyl-alpha-D-glucosaminase activity
thioesterase binding
sodium:potassium-exchanging ATPase activity
C3HC4-type RING finger domain binding
ubiquitin conjugating enzyme binding
metal ion binding
lysine-tRNA ligase activity
ATP adenyltransferase activity
DNA-binding transcription factor activity
N-acetyl-beta-D-galactosaminidase activity
nuclear receptor transcription coactivator activity
sodium channel inhibitor activity
rRNA (adenine-N6--)-methyltransferase activity
N-acetylgalactosamine kinase activity
interleukin-4 receptor binding
elongation factor-2 kinase activity
chenodeoxycholic acid binding
bile acid receptor activity
citrate secondary active transmembrane transporter activity
Fc-gamma receptor I complex binding
kringle domain binding
phosphatidylinositol-3,5-bisphosphate 3-phosphatase activity
AMP deaminase activity
acetyl-CoA carboxylase activity
myosin light chain binding
triplex DNA binding
3-5' DNA/RNA helicase activity
glutamine-fructose-6-phosphate transaminase (isomerizing) activity
uridylylate kinase activity
thymidylate kinase activity
protein kinase binding

MF  
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term

positive regulation of synapse assembly
T-helper 1 type immune response
BMP signaling pathway
negative regulation of apoptotic process
antimicrobial humoral response
protein autophosphorylation
I-kappaB kinase/NF-kappaB signaling
protein ubiquitination
atrial septum primum morphogenesis
marginal zone B cell differentiation
generation of catalytic spliceosome for second transesterification step
positive regulation of protein catabolic process
cell morphogenesis involved in neuron differentiation
BMP signaling pathway involved in heart development
negative regulation of interleukin-6 production
autophagy
cell surface receptor signaling pathway
T-helper 2 cell differentiation
negative regulation of interleukin-8 biosynthetic process
humoral immune response mediated by circulating immunoglobulin
follicular dendritic cell differentiation
cell migration
in utero embryonic development
immune system process
activation of protein kinase activity
atrial valve morphogenesis
SRF1 transcription factor activity
negative regulation of natural killer cell activation
response to angiotensin
negative regulation of dephosphorylation
actin cytoskeleton organization
regulation of mitotic nuclear activity
positive regulation of filopodium assembly
neurotransmitter receptor transport to postsynaptic membrane
positive regulation of myoblast fusion
germarium-derived oocyte fate determination
regulation of synapse maturation
positive regulation of transcription by RNA polymerase II
regulation of lateral mesodermal cell fate specification
ER overload response
viral process
positive regulation of transforming growth factor beta receptor signaling pathway
positive regulation of DNA topoisomerase (ATP-hydrolyzing) activity
positive regulation of interleukin-10 biosynthetic process
negative regulation of inflammatory response
microtubule organizing center organization
intrinsic apoptotic signaling pathway in response to oxidative stress
growth hormone receptor signaling pathway via JAK-STAT
positive regulation of epithelial to mesenchymal transition involved in endocardial cushion formation
positive regulation of determination of dorsal identity
positive regulation of alkaline phosphatase activity
endocardial cushion cell fate commitment
cardiac muscle cell fate commitment
regulation of DNA binding
vesicle-mediated transport in synapse
negative regulation of tumor necrosis factor production
pathway-restricted SMAD protein phosphorylation
development of secondary female sexual characteristics
regulation of RNA splicing
macrophage chemotaxis
negative regulation of interleukin-12 production
positive regulation of type I interferon production
regulation of steroid metabolic process
peptidyl-glutamate ADP-dependent biosylation
negative regulation of transcription, DNA-templated
adherens junction assembly
regulation of small GTPase mediated signal transduction
positive regulation of catalytic activity
cellular response to organic cyclic compound
positive regulation of peptidyl-lysine autophosphorylation
protein K63-linked ubiquitination
innate immune response
germinal center formation
adenylyate cyclase-activating G protein-coupled receptor signaling pathway
phosphatidyl RNA loading onto RSC
microtubule cytoskeleton organization
regulation of synapse organization
regulation of cytokine production
negative regulation of interleukin-2 production
protein de-Acetylase activity
neuron projection extension
receptor signaling pathway via JAK-STAT
Golgi fibrin formation
positive regulation of I-kappaB kinase/NF-kappaB signaling
regulation of growth
luteinization
paraxial mesoderm development
positive regulation of cardiac RNA polymerase III
positive regulation of MAP kinase activity
mRNA processing
platelet-derived growth factor receptor signaling pathway
proteasome-mediated ubiquitin-dependent protein catabolic process
negative regulation of sodium ion transmembrane transporter activity
satellite cell activation involved in skeletal muscle regeneration
positive regulation of transcription by transcription factor localization
myocyte differentiation involved in skeletal muscle regeneration
cell-cell signaling via exosome
negative regulation of tumor necrosis factor biosynthetic process
protein localization to cell cortex
nucleogenesis
regulation of epithelial cell differentiation
cell morphogenesis
protein phosphorylation
negative regulation of I-kappaB kinase/NF-kappaB signaling
patched ligand maturation
regulation of establishment of cell polarity
protein deubiquitination
positive regulation of protein insertion into mitochondrial outer membrane
negative regulation of chaperone-mediated protein folding
negative regulation of erythrocyte differentiation
thymidine biosynthetic process
tolerance induction to lipopolysaccharide
negative regulation of toll-like receptor 5 signaling pathway
negative regulation of nucleotide-binding oligomerization domain containing 1 signaling pathway
negative regulation of granuloma formation
negative regulation of chronic inflammatory response
negative regulation of CD40 signaling pathway
negative regulation of B cell activation
B-1 B cell homeostasis
regulation of histone acetylation
negative regulation of innate immune response
positive regulation of pri-miRNA transcription by RNA polymerase II
response to insulin
Sertoli cell proliferation
'de novo' actin filament nucleation
filopodium assembly
regulation of MyD88-dependent toll-like receptor signaling pathway
negative regulation of regulatory T cell differentiation
positive regulation of activated T cell proliferation
mesenchymal cell differentiation
endocardial cushion morphogenesis
regulation of NIK/NF-kappaB signaling
histone H2A monoubiquitination
regulation of apoptotic process
positive regulation of translation
positive regulation of adipose tissue development
response to wounding
negative regulation of cytoplasmic translation
protein polyubiquitination
positive regulation of B cell differentiation
intracellular signal transduction
positive regulation of vascular endothelial growth factor production
positive regulation of interferon-beta secretion
positive regulation of interferon-alpha secretion
sodium-dependent phosphate transport
cellular response to DNA damage stimulus
macrophagy
cell adhesion
natural killer cell differentiation
positive regulation of cytoplasmic mRNA processing body assembly
negative regulation of interleukin-1 beta production
negative regulation of intracellular estrogen receptor signaling pathway
cytokine-mediated signaling pathway
glomerular visceral epithelial cell development
ruffle assembly
lipid storage
positive regulation of synaptic transmission, dopaminergic
positive regulation of peptidase activity
positive regulation of NMDA glutamate receptor activity
positive regulation of free ubiquitin chain polymerization
negative regulation of hydrogen peroxide-induced neuron intrinsic apoptotic signaling pathway
maintenance of protein location in mitochondrion
establishment of protein localization to mitochondrion
cellular response to hydrogen sulfide
response to starvation
negative regulation of transcription by RNA polymerase I
protein K11-linked deubiquitination
regulation of centrosome duplication
negative regulation of DNA replication
regulation of protein ubiquitination
protein deubiquitination involved in ubiquitin-dependent protein catabolic process
lactation
protein dephosphorylation
cellular response to starvation
lamellipodium assembly
positive regulation of transcription, DNA-templated
regulation of insulin receptor signaling pathway
COPI3 signalosome assembly
positive regulation of interleukin-2 biosynthetic process
signal transduction
negative regulation of nucleotide-binding oligomerization domain containing 2 signaling pathway
positive regulation of release of cytochrome c from mitochondria
positive regulation of response to cytokine stimulus
protein localization to Golgi apparatus
outflow tract morphogenesis
cellular response to platelet-derived growth factor stimulus
cell migration involved in gastrulation
positive regulation of interferon-gamma production
DNA damage response, signal transduction by p53 class mediator
positive regulation of multicellular organism growth
positive regulation of pathway-restricted SMAD protein phosphorylation
regulation of proteasomal protein catabolic process
chondrocyte differentiation
glycine decarboxylation via glycine cleavage system
T cell homeostasis
positive regulation of phosphatidylinositol 3-kinase signaling
response to immobilization stress
cytoskeleton organization
phosphorylation
cellular calcium ion homeostasis
post-embryonic development
pharyngeal system development
dorsal/ventral pattern formation
immune response
sternite morphogenesis
leg disc pattern formation
chitin-based larval cuticle pattern formation
apoptotic chromosome condensation
endocytosis
negative regulation of receptor signaling pathway via JAK-STAT
protein retention in Golgi apparatus
histone H2A-K15 ubiquitination
histone H2A-K13 ubiquitination
modulation by host of viral transcription
transcription, DNA-templated
embryonic heart tube morphogenesis
negative regulation of mitochondrial fusion
negative regulation of autophagy of mitochondrion
platelet activation
response to UV-C
activation of innate immune response
response to exogenous dsRNA
positive regulation of mitochondrial electron transport, NADH to ubiquinone
isotype switching
positive regulation of cardiac ventricle development
paraxial mesoderm structural organization
neural plate mediolateral regionalization
Mullerian duct regression
lateral mesoderm development
fibrous ring of heart morphogenesis
dorsal aorta morphogenesis
transforming growth factor beta receptor complex assembly
response to luteinizing hormone
epicardium-derived cardiac fibroblast cell development
protein K33-linked deubiquitination
positive regulation of cytosolic calcium ion concentration
positive regulation of reactive oxygen species biosynthetic process
regulation of mRNA splicing, via spliceosome
Toll signaling pathway
cardiac epithelial to mesenchymal transition
small GTPase mediated signal transduction
response to virus
bone mineralization
positive regulation of mesenchymal cell proliferation
negative regulation of mitochondrial membrane permeability
ventricular trabecula myocardium morphogenesis
phosphatidylethanolamine catabolic process
phosphatidylcholine catabolic process
G protein-coupled receptor signaling pathway
neutrophil migration
response to fructose
positive regulation of cellular protein localization
regulation of immunoglobulin production
regulation of cell cycle
regulation of low-density lipoprotein particle receptor catabolic process
positive regulation of metalloproteinase activity
lysyl-RNA aminoacylation
basophil activation involved in immune response
endothelial ossification
positive regulation of DNA-binding transcription factor activity
inflammatory response
neuron migration
regulation of endoplasmic reticulum stress-induced eIF2 alpha phosphorylation
positive regulation of glutathione biosynthetic process
PERK-mediated unfolded protein response
negative regulation of translation in response to stress
negative regulation of translation in response to endoplasmic reticulum stress
cellular response to fatty acid
positive regulation of neurotrophin apoptotic process
ubiquitin-dependent protein catabolic process
atrial septum secundum morphogenesis
positive regulation of DNA repair
signal transduction by protein phosphorylation
regulation of potassium ion transmembrane transporter activity
positive regulation of nucleocytoplasmic transport
negative regulation of transcription from RNA polymerase I promoter in response to UV-induced DNA damage
glucocorticoid receptor signaling pathway
development involved in symbiotic interaction
positive regulation of mast cell chemotaxis
negative regulation of actin filament depolymerization
trans-synaptic signaling by endocannabinoid, modulating synaptic transmission
regulation of intracellular calcium activated chloride channel activity
phospholipase C-activating G protein-coupled glutamate receptor signaling pathway
recombinational repair
regulation of mitochondrion organization
regulation of non-canonical Wnt signaling pathway
activation of Janus kinase activity
otic vesicle morphogenesis
RNA 3'-end processing
Golgi reassembly
endoplasmic reticulum membrane fusion
response to anoxia
cellular response to anoxia
negative regulation of protein kinase C signaling
regulation of urea metabolic process
regulation of carbohydrate metabolic process
positive regulation of phosphatidic acid biosynthetic process
positive regulation of glutamate metabolic process
positive regulation of ammonia assimilation cycle
negative regulation of bile acid biosynthetic process
intracellular bile acid receptor signaling pathway
interleukin-17 secretion
bile acid signaling pathway
establishment of chromosome localization
mitochondrial citrate transmembrane transport
covalent chromatin modification
response to temperature stimulus
fasciculation of sensory neuron axon
craniofacial suture morphogenesis
ecdyosis, collagen and cuticle-based cuticle
nuclear speck organization
regulation of chromosome condensation
negative regulation of sister chromatid cohesion
positive regulation of bone mineralization
trigeminal ganglion development
regulation of branch elongation involved in ureteric bud branching
positive regulation of ureteric bud formation
effector placode formation
negative regulation of satellite cell differentiation
male sex differentiation
fungiform papilla morphogenesis
IMP biosynthetic process
cyclic purine nucleotide metabolic process
positive regulation of interleukin-6 secretion
odontogenesis
transport
response to carbohydrate
regulation of biological quality
maternal-CoA biosynthetic process
glomerular parietal epithelial cell differentiation
small RNA loading onto RISC
regulation of cytoplasmic translation
positive regulation of viral translation
positive regulation of polysome binding
positive regulation of cytoplasmic translation
DNA-templated viral transcription
regulation of Ral protein signal transduction
uterine gland development
tarsal gland development
negative regulation of acute inflammatory response
interleukin-6 production
positive regulation of phosphatidylinositol 3-kinase activity
negative regulation of transcription by RNA polymerase III
UDP-N-acetylglucosamine metabolic process
glucosamine biosynthetic process
post-Golgi vesicle-mediated transport
negative regulation of cell morphogenesis involved in differentiation
regulation of phosphorylation of RNA polymerase II C-terminal domain
dUDP biosynthetic process
dUDP biosynthetic process
cell maturation
mesoderm formation
negative regulation of tooth mineralization
dibenzo-p-dioxin metabolic process

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