A

oppOntology

Function | GO | KEGG | COG | HPO | MSigDB

Load Functional Annotation File

File Path D:\Data\Database\GO\gene_ontology_edit.obo Select Export

Load Relation File for GeneID vs FunctionID

Annotation | Enrich | Slim | Slim Enrich

Get Annotation — GO ID List Get

GO:0000086
GO:0001523
GO:0003682
GO:0003713
GO:0003723
GO:0004024
GO:0004745
GO:0004888
GO:0004950
GO:0005044
GO:0005080
GO:0005159

Get Ancestors — GO ID List Get

GO:0000086
GO:0001523
GO:0003682
GO:0003713
GO:0003723
GO:0004024
GO:0004745
GO:0004888
GO:0004950
GO:0005044
GO:0005080
GO:0005159

Get Descendants — GO ID List Get

GO:0000086
GO:0001523
GO:0003682
GO:0003713
GO:0003723
GO:0004024
GO:0004745
GO:0004888
GO:0004950
GO:0005044
GO:0005080
GO:0005159

Get Relatives — GO ID List Get

GO:0000086
GO:0001523
GO:0003682
GO:0003713
GO:0003723
GO:0004024
GO:0004745
GO:0004888
GO:0004950
GO:0005044
GO:0005080
GO:0005159

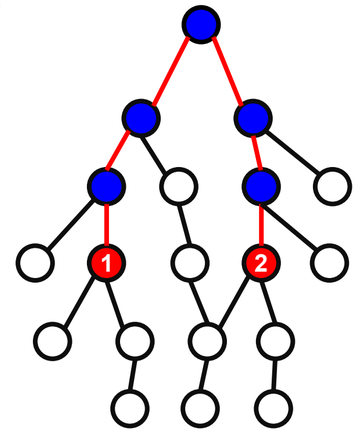
B

GOID	Field	Name	Definition
GO:0000086	P	G2/M Transition Of Mitotic Cell Cycle	The mitotic cell cycle transition by which a cell in G2 commits to M phase
GO:0001523	P	Retinoid Metabolic Process	The chemical reactions and pathways involving retinoids, any member of a class of isoprenoids that contain
GO:0003682	F	Chromatin Binding	Interacting selectively and non-covalently with chromatin, the network of fibers of DNA, protein, and some
GO:0003713	F	Transcription Coactivator Activity	A protein or a member of a complex that interacts specifically and non-covalently with a DNA-bound DNA
GO:0003723	F	RNA Binding	Interacting selectively and non-covalently with an RNA molecule or a portion thereof
GO:0004024	F	Alcohol Dehydrogenase Activity, Zinc-Dependent	Catalysis of the reaction: an alcohol + NAD+ = an aldehyde or ketone + NADH + H+, requiring the presen
GO:0004745	F	Retinol Dehydrogenase Activity	Catalysis of the reaction: retinol + NAD+ = retinal + NADH + H+
GO:0004888	F	Transmembrane Signaling Receptor Activity	Combining with an extracellular or intracellular signal and transmitting the signal from one side of the memb
GO:0004950	F	Chemokine Receptor Activity	Combining with a chemokine, and transmitting the signal from one side of the membrane to the other to initi
GO:0005044	F	Scavenger Receptor Activity	Combining with any modified low-density lipoprotein (LDL) or other polyanionic ligand and delivering the lig
GO:0005080	F	Protein Kinase C Binding	Interacting selectively and non-covalently with protein kinase C
GO:0005159	F	Insulin-Like Growth Factor Receptor Binding	Interacting selectively and non-covalently with the insulin-like growth factor receptor
GO:0005200	F	Structural Constituent Of Cytoskeleton	The action of a molecule that contributes to the structural integrity of a cytoskeletal structure
GO:0005623	C	Cell	The basic structural and functional unit of all organisms

C

GOID	SlimID
GO:0000086	GO:0000086
GO:0000086	GO:0000278
GO:0000086	GO:0007049
GO:0000086	GO:0008150
GO:0000086	GO:0009987
GO:0000086	GO:0022402
GO:0000086	GO:0044770
GO:0000086	GO:0044772
GO:0000086	GO:0044839
GO:0000086	GO:1903047
GO:0001523	GO:0001523
GO:0001523	GO:0006629
GO:0001523	GO:0006720

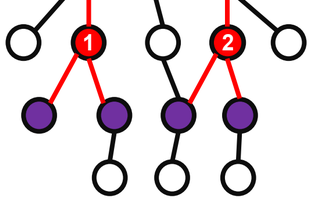
Parent Nodes



D

GOID	Descendants
GO:0000086	GO:0000086
GO:0000086	GO:0000117
GO:0000086	GO:0090282
GO:0000086	GO:0090419
GO:0001523	GO:0001523
GO:0001523	GO:0002138
GO:0001523	GO:0006776
GO:0001523	GO:0021911
GO:0001523	GO:0034653
GO:0001523	GO:0035238
GO:0001523	GO:0042572
GO:0001523	GO:0042573
GO:0001523	GO:0042574

Children Nodes



E

GOID	Relatives
GO:0000086	GO:0000086
GO:0000086	GO:0000117
GO:0000086	GO:0044772
GO:0000086	GO:0044839
GO:0001523	GO:0001523
GO:0001523	GO:0006776
GO:0001523	GO:0016101
GO:0001523	GO:0042572
GO:0001523	GO:0042573
GO:0001523	GO:0042574
GO:0003682	GO:0003682
GO:0003682	GO:0005488
GO:0003682	GO:0031490

Relative Nodes