


A Functional Annotation File

FunctionID	FunctionName	ID
PTHR10000	PHOSPHOSERINE PHOSPHATASE	SERB_HUMAN
PTHR10005	SKI ONCOGENE-RELATED	SKIL_HUMAN
PTHR10005	SKI ONCOGENE-RELATED	SKI_HUMAN
PTHR10005	SKI ONCOGENE-RELATED	SKOR1_HUMAN
PTHR10005	SKI ONCOGENE-RELATED	SKOR2_HUMAN
PTHR10006	MUCIN-1-RELATED	MUC1_HUMAN
PTHR10015	HEAT SHOCK TRANSCRIPTION FACTOR	HSF1_HUMAN
PTHR10015	HEAT SHOCK TRANSCRIPTION FACTOR	HSF2_HUMAN
PTHR10015	HEAT SHOCK TRANSCRIPTION FACTOR	HSF4_HUMAN
PTHR10015	HEAT SHOCK TRANSCRIPTION FACTOR	HSF5_HUMAN
PTHR10015	HEAT SHOCK TRANSCRIPTION FACTOR	HSFX1_HUMAN
PTHR10015	HEAT SHOCK TRANSCRIPTION FACTOR	HSFY1_HUMAN
PTHR10019	SNF5	SNF5_HUMAN
PTHR10024	SYNAPTOTAGMIN	C2C4A_HUMAN
PTHR10024	SYNAPTOTAGMIN	C2C4B_HUMAN
PTHR10024	SYNAPTOTAGMIN	C2C4C_HUMAN
PTHR10024	SYNAPTOTAGMIN	C2CD5_HUMAN
PTHR10024	SYNAPTOTAGMIN	C2D4D_HUMAN
PTHR10024	SYNAPTOTAGMIN	DOC2A_HUMAN
PTHR10024	SYNAPTOTAGMIN	DOC2B_HUMAN
PTHR10024	SYNAPTOTAGMIN	RP3A_HUMAN
PTHR10024	SYNAPTOTAGMIN	RPH3L_HUMAN
PTHR10024	SYNAPTOTAGMIN	SYT10_HUMAN
PTHR10024	SYNAPTOTAGMIN	SYT11_HUMAN

B

ID Column								Data Column		
GeneID	Symbol	ID	Accession	ProteinName	LogRatio(2/1)	LogRatio(3/1)	LogRatio(4/1)	Sig(2/1)	Sig(3/1)	Sig(4/1)
gene:23061	TBC1D9B	TBC9B_HUMAN	Q66K14	TBC1 domain family member 9B	0.562546943	-0.110733597	-0.812557808	0	0	0
gene:29087	THYN1	THYN1_HUMAN	Q9P016	Thymocyte nuclear protein 1	-2.203859373	1.248095977	0.345259422	0	0	0
gene:79228	THOC6	THOC6_HUMAN	Q86W42	THO complex subunit 6 homolog	-0.809063949	0.509922921	0.332358789	0	0	0
gene:7094	TLN1	TLN1_HUMAN	Q9Y490	Talin-1	-0.693475545	1.492975435	8.55E-02	0	1	0
gene:10693	CCT6B	TCPW_HUMAN	Q92526	T-complex protein 1 subunit zeta-2	-0.42083631	1.311088189	0.626712219	0	1	0
gene:96764	TGS1	TGS1_HUMAN	Q96RS0	Trimethylguanosine synthase	1.649804295	-2.177481916	1.750450427	0	0	0
gene:93643	TJAP1	TJAP1_HUMAN	Q5JTD0	Tight junction-associated protein 1	-1.334556785	8.09E-02	0.142926379	0	0	0
gene:7023	TFAP4	TFAP4_HUMAN	Q01664	Transcription factor AP-4	1.399418475	2.357181294	0.631408509	0	0	0
gene:79583	TMEM231	TM231_HUMAN	Q9H6L2	Transmembrane protein 231	-0.844902325	10	-0.494668556	0	0	0
gene:23170	TTL12	TTL12_HUMAN	Q14166	Tubulin--tyrosine ligase-like protein 12	-0.324068984	0.766769073	-0.16695466	0	0	0
gene:7431	VIM	VIME_HUMAN	P08670	Vimentin	-0.374236872	-0.568591515	0.171903163	0	0	0
gene:65268	WNK2	WNK2_HUMAN	Q9Y3S1	Serine/threonine-protein kinase WNK2	-1.055665608	2.414680744	-1.902586054	0	0	0
gene:65125	WNK1	WNK1_HUMAN	Q9H4A3	Serine/threonine-protein kinase WNK1	-0.43446112	2.553242153	-0.300109473	0	0	0
gene:284403	WDR62	WDR62_HUMAN	O43379	WD repeat-containing protein 62	0.78628715	9.65E-02	2.299065019	0	0	0

C Main Interface

 oppOntology

Function	GO	KEGG	COG	HPO	MSigDB	
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Load Functional Annotation File

File Path

D:\Data\Database\Function\xRef_Panther.txt

Select

Load Relation File for GeneID vs FunctionID

Excel Path

D:\Data\Data.xlsx

Select

No. of Sheet in Excel

1

ID Column

3

Significant Data Column

9:11

Enrich

Input Data File in Excel