



## Functional Annotation Clustering

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Current Gene List: Contaminants  
Current Background: Giardia intestinalis  
1031 DAVID IDs

Options Classification Stringency Medium

Rerun using options

Create Sublist

56 Cluster(s)

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		Enrichment Score: 16.12			Count	P_Value	Benjamini
Annotation Cluster 1							
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">translation</a>	RT		101	1.2E-29	5.0E-27
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">ribosomal protein</a>	RT		68	1.8E-27	1.8E-25
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">structural constituent of ribosome</a>	RT		65	3.2E-24	1.2E-21
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">structural molecule activity</a>	RT		72	7.1E-22	1.3E-19
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">ribosome</a>	RT		70	5.2E-19	5.6E-17
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Ribosome</a>	RT		65	3.1E-13	1.4E-11
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">ribonucleoprotein complex</a>	RT		72	5.0E-8	2.7E-6
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">intracellular non-membrane-bounded organelle</a>	RT		94	4.6E-4	1.2E-2
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">non-membrane-bounded organelle</a>	RT		94	4.6E-4	1.2E-2
Annotation Cluster 2							
		Enrichment Score: 5.33			Count	P_Value	Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Aminoacyl-tRNA synthetase</a>	RT		23	4.2E-10	2.0E-8
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">aminoacyl-tRNA ligase activity</a>	RT		24	6.5E-10	7.7E-8
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ligase activity, forming aminoacyl-tRNA and related compounds</a>	RT		24	6.5E-10	7.7E-8
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ligase activity, forming carbon-oxygen bonds</a>	RT		24	6.5E-10	7.7E-8
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">tRNA aminoacylation</a>	RT		23	2.8E-8	6.0E-6
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">amino acid activation</a>	RT		23	2.8E-8	6.0E-6
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">tRNA aminoacylation for protein translation</a>	RT		22	6.7E-8	9.6E-6
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Aminoacyl-tRNA biosynthesis</a>	RT		21	1.3E-4	3.0E-3
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class II, conserved region</a>	RT		9	3.3E-4	3.7E-2
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">protein biosynthesis</a>	RT		10	3.5E-4	5.0E-3
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">tRNA metabolic process</a>	RT		27	1.4E-3	7.3E-2
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class I, conserved site</a>	RT		8	3.5E-3	2.1E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ncRNA metabolic process</a>	RT		30	1.8E-2	4.1E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">ligase</a>	RT		27	2.1E-2	1.2E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Rossmann-like alpha/beta/alpha sandwich fold</a>	RT		10	7.0E-2	9.3E-1
Annotation Cluster 3							
		Enrichment Score: 3.02			Count	P_Value	Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">cytoplasm</a>	RT		17	1.6E-6	5.1E-5
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Chaperone</a>	RT		12	4.6E-5	9.1E-4
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">unfolded protein binding</a>	RT		17	1.7E-4	1.2E-2
<input type="checkbox"/>	INTERPRO	<a href="#">Chaperonin Cpn60/TCP-1</a>	RT		9	3.3E-4	3.7E-2
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein folding</a>	RT		22	1.0E-3	5.9E-2
<input type="checkbox"/>	INTERPRO	<a href="#">Chaperone, tailless complex polypeptide 1</a>	RT		8	1.0E-3	9.8E-2
<input type="checkbox"/>	INTERPRO	<a href="#">Chaperonin TCP-1, conserved site</a>	RT		8	3.5E-3	2.1E-1
<input type="checkbox"/>	PIR_SUPERFAMILY	PIRSF002584: molecular chaperone t-complex-type	RT		8	6.6E-2	1.0E0
Annotation Cluster 4							
		Enrichment Score: 3.02			Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">monosaccharide metabolic process</a>	RT		21	5.3E-6	5.7E-4
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">hexose metabolic process</a>	RT		18	5.5E-5	4.7E-3
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">glucose metabolic process</a>	RT		18	5.5E-5	4.7E-3
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">alcohol catabolic process</a>	RT		13	7.0E-4	4.9E-2
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">monosaccharide catabolic process</a>	RT		13	7.0E-4	4.9E-2
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">hexose catabolic process</a>	RT		13	7.0E-4	4.9E-2
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular carbohydrate catabolic process</a>	RT		13	7.0E-4	4.9E-2
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">glucose catabolic process</a>	RT		13	7.0E-4	4.9E-2

<input type="checkbox"/>											
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">carbohydrate catabolic process</a>	RT					13	7.0E-4	4.9E-2	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">generation of precursor metabolites and energy</a>	RT					19	2.9E-3	1.2E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">glycolysis</a>	RT					10	6.7E-3	2.0E-1	
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">glycolysis</a>	RT					5	1.0E-1	3.7E-1	
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Glycolysis / Gluconeogenesis</a>	RT					7	1.4E-1	8.1E-1	
	Annotation Cluster 5	Enrichment Score: 2.71						Count	P_Value	Benjamini	
<input type="checkbox"/>	SMART	<a href="#">ANX</a>	RT					11	1.2E-4	5.4E-3	
<input type="checkbox"/>	INTERPRO	<a href="#">Alpha giardin</a>	RT					11	1.5E-4	3.3E-2	
<input type="checkbox"/>	INTERPRO	<a href="#">Annexin</a>	RT					13	1.8E-4	2.3E-2	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">calcium-dependent phospholipid binding</a>	RT					17	4.3E-4	2.5E-2	
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">annexin</a>	RT					13	7.8E-4	8.5E-3	
<input type="checkbox"/>	INTERPRO	<a href="#">Annexin repeat</a>	RT					11	1.2E-3	1.1E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">phospholipid binding</a>	RT					18	3.4E-3	1.6E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">calcium ion binding</a>	RT					22	5.2E-2	8.0E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">lipid binding</a>	RT					19	5.4E-2	7.6E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cytoskeleton organization</a>	RT					11	6.5E-2	7.8E-1	
	Annotation Cluster 6	Enrichment Score: 2.26						Count	P_Value	Benjamini	
<input type="checkbox"/>	INTERPRO	<a href="#">Proteasome, subunit alpha/beta</a>	RT					14	1.0E-6	9.2E-4	
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">proteasome</a>	RT					18	2.6E-6	6.5E-5	
<input type="checkbox"/>	INTERPRO	<a href="#">Proteasome, alpha and beta subunits</a>	RT					13	3.3E-6	1.5E-3	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">threonine-type endopeptidase activity</a>	RT					14	1.4E-5	1.2E-3	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">threonine-type peptidase activity</a>	RT					14	1.4E-5	1.2E-3	
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">proteasome complex</a>	RT					19	3.8E-4	1.3E-2	
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">proteasome core complex</a>	RT					14	5.7E-4	1.2E-2	
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Proteasome</a>	RT					25	1.3E-3	1.9E-2	
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytosol</a>	RT					23	2.0E-3	3.5E-2	
<input type="checkbox"/>	INTERPRO	<a href="#">Proteasome, alpha-subunit, conserved site</a>	RT					7	3.1E-3	2.3E-1	
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">threonine protease</a>	RT					6	1.8E-2	1.2E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein catabolic process</a>	RT					23	2.3E-2	4.6E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">peptidase activity</a>	RT					38	2.5E-2	6.0E-1	
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Protease</a>	RT					19	2.8E-2	1.4E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">macromolecule catabolic process</a>	RT					23	3.3E-2	5.7E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">peptidase activity, acting on L-amino acid peptides</a>	RT					32	5.7E-2	7.3E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">endopeptidase activity</a>	RT					22	1.1E-1	8.4E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">proteolysis involved in cellular protein catabolic process</a>	RT					18	1.4E-1	9.2E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular protein catabolic process</a>	RT					18	1.4E-1	9.2E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ubiquitin-dependent protein catabolic process</a>	RT					9	1.6E-1	9.5E-1	
<input type="checkbox"/>	PIR_SUPERFAMILY	PIRSF001212:multicatalytic endopeptidase complex chain C9	RT					6	1.7E-1	1.0E0	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular macromolecule catabolic process</a>	RT					18	1.8E-1	9.5E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">proteolysis</a>	RT					36	6.2E-1	1.0E0	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">modification-dependent protein catabolic process</a>	RT					11	6.7E-1	1.0E0	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">modification-dependent macromolecule catabolic process</a>	RT					11	6.7E-1	1.0E0	
	Annotation Cluster 7	Enrichment Score: 2.15						Count	P_Value	Benjamini	
<input type="checkbox"/>	INTERPRO	<a href="#">Thioredoxin-like</a>	RT					12	5.0E-5	1.5E-2	
<input type="checkbox"/>	INTERPRO	<a href="#">Thioredoxin fold</a>	RT					16	1.6E-4	2.8E-2	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular homeostasis</a>	RT					15	3.5E-3	1.3E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cell redox homeostasis</a>	RT					14	6.6E-3	2.1E-1	
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">homeostatic process</a>	RT					15	7.4E-3	2.0E-1	
<input type="checkbox"/>	INTERPRO	<a href="#">Thioredoxin domain</a>	RT					6	9.4E-3	4.1E-1	
<input type="checkbox"/>	INTERPRO	<a href="#">Thioredoxin, core</a>	RT					6	2.5E-2	7.4E-1	
<input type="checkbox"/>	INTERPRO	<a href="#">Thioredoxin-like subdomain</a>	RT					5	2.7E-2	7.5E-1	
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">antioxidant activity</a>	RT					6	6.1E-2	7.1E-1	
<input type="checkbox"/>	INTERPRO	<a href="#">Thioredoxin, conserved site</a>	RT					5	6.3E-2	9.2E-1	
<input type="checkbox"/>	INTERPRO	<a href="#">Alkyl hydroperoxide reductase/ Thiol specific antioxidant/ Mal allergen</a>	RT					5	6.3E-2	9.2E-1	
	Annotation Cluster 8	Enrichment Score: 2.05						Count	P_Value	Benjamini	
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class II, conserved region</a>	RT					9	3.3E-4	3.7E-2	

<input type="checkbox"/>	Category	Term	RT	Bar	Count	P_Value	Benjamini
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class II (G, H, P and S), conserved region</a>	RT		5	2.7E-2	7.5E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Anticodon-binding</a>	RT		4	7.7E-2	9.4E-1
	Annotation Cluster 9	Enrichment Score: 1.96			Count	P_Value	Benjamini
<input type="checkbox"/>	SMART	<a href="#">AAA</a>	RT		29	6.7E-4	2.0E-2
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase, AAA-type, conserved site</a>	RT		10	6.5E-3	3.2E-1
<input type="checkbox"/>	INTERPRO	<a href="#">26S proteasome subunit P45</a>	RT		5	2.7E-2	7.5E-1
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase, AAA-type, core</a>	RT		13	3.4E-2	8.1E-1
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase, AAA+ type, core</a>	RT		29	3.7E-2	8.2E-1
	Annotation Cluster 10	Enrichment Score: 1.24			Count	P_Value	Benjamini
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class II, conserved region</a>	RT		9	3.3E-4	3.7E-2
<input type="checkbox"/>	INTERPRO	<a href="#">Nucleic acid binding, OB-fold, tRNA/helicase-type</a>	RT		4	7.7E-2	9.4E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class II (D, K and N)</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Aminoacyl-tRNA synthetase, class II (D, K and N)-like</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	PIR_SUPERFAMILY	PIRSF001525: lysine-tRNA ligase	RT		3	5.8E-1	1.0E0
	Annotation Cluster 11	Enrichment Score: 1.2			Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">translation factor activity, nucleic acid binding</a>	RT		19	1.4E-2	4.2E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Initiation factor</a>	RT		11	6.5E-2	2.6E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">translation initiation factor activity</a>	RT		14	7.0E-2	7.5E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">translational initiation</a>	RT		7	2.6E-1	9.8E-1
	Annotation Cluster 12	Enrichment Score: 1.08			Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">cofactor binding</a>	RT		21	7.5E-3	2.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">vitamin B6 binding</a>	RT		8	2.9E-2	6.2E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">pyridoxal phosphate binding</a>	RT		8	2.9E-2	6.2E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Aminotransferase</a>	RT		5	4.6E-2	2.0E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Pyridoxal phosphate-dependent transferase, major region, subdomain 1</a>	RT		6	5.1E-2	8.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">vitamin binding</a>	RT		8	5.6E-2	7.5E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">transaminase activity</a>	RT		5	5.8E-2	7.2E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Pyridoxal phosphate-dependent transferase, major region, subdomain 2</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Aminotransferase, class V/Cysteine desulfurase</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">transferase activity, transferring nitrogenous groups</a>	RT		5	2.1E-1	9.5E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Aminotransferase, class I and II</a>	RT		3	4.5E-1	1.0E0
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Alanine, aspartate and glutamate metabolism</a>	RT		3	6.2E-1	9.9E-1
	Annotation Cluster 13	Enrichment Score: 1.03			Count	P_Value	Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">lyase</a>	RT		11	4.4E-2	2.0E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">carbon-nitrogen lyase activity</a>	RT		4	1.3E-1	8.6E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ammonia-lyase activity</a>	RT		4	1.3E-1	8.6E-1
	Annotation Cluster 14	Enrichment Score: 1.03			Count	P_Value	Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">gtp-binding</a>	RT		21	2.1E-2	1.3E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Small GTP-binding protein</a>	RT		11	3.8E-2	8.2E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">guanyl ribonucleotide binding</a>	RT		24	5.4E-2	7.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">GTP binding</a>	RT		24	5.4E-2	7.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">guanyl nucleotide binding</a>	RT		24	5.4E-2	7.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">GTPase activity</a>	RT		9	2.3E-1	9.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">small GTPase mediated signal transduction</a>	RT		9	3.1E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">intracellular signaling cascade</a>	RT		9	6.8E-1	1.0E0
	Annotation Cluster 15	Enrichment Score: 0.98			Count	P_Value	Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">threonine protease</a>	RT		6	1.8E-2	1.2E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Proteasome, beta-type subunit, conserved site</a>	RT		4	7.7E-2	9.4E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">nucleus</a>	RT		10	8.6E-1	9.9E-1
	Annotation Cluster 16	Enrichment Score: 0.95			Count	P_Value	Benjamini
<input type="checkbox"/>	COG_ONTOLOGY	<a href="#">Cytoskeleton</a>	RT		12	3.3E-2	2.8E-1
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase associated with various cellular activities, AAA-5</a>	RT		5	6.3E-2	9.2E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Dynein heavy chain, N-terminal region 2</a>	RT		7	6.8E-2	9.3E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Dynein heavy chain, N-terminal region 1</a>	RT		4	7.7E-2	9.4E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">coiled coil</a>	RT		4	1.1E-1	3.8E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Dynein heavy chain</a>	RT		6	2.5E-1	1.0E0

<input type="checkbox"/>	Annotation Cluster	Enrichment Score	Term	RT	Bar	Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_CC_FAT Annotation Cluster 17	0.89	<a href="#">dynein complex</a>	RT		6	7.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">translational elongation</a>	RT		6	1.0E-1	8.6E-1
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">translation elongation factor activity</a>	RT		6	1.2E-1	8.5E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS Annotation Cluster 18	0.85	<a href="#">elongation factor</a>	RT		5	1.8E-1	5.0E-1
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">electron carrier activity</a>	RT		13	7.8E-2	7.7E-1
<input type="checkbox"/>	INTERPRO		<a href="#">4Fe-4S ferredoxin, iron-sulphur binding, conserved site</a>	RT		5	1.1E-1	9.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">4 iron, 4 sulfur cluster binding</a>	RT		6	1.2E-1	8.5E-1
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">metal cluster binding</a>	RT		11	1.4E-1	8.6E-1
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">iron-sulfur cluster binding</a>	RT		11	1.4E-1	8.6E-1
<input type="checkbox"/>	INTERPRO		<a href="#">4Fe-4S ferredoxin, iron-sulphur binding, subgroup</a>	RT		5	2.5E-1	1.0E0
<input type="checkbox"/>	INTERPRO Annotation Cluster 19	0.84	<a href="#">4Fe-4S ferredoxin, iron-sulphur binding domain</a>	RT		5	2.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">alcohol biosynthetic process</a>	RT		5	9.3E-2	8.5E-1
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">cellular carbohydrate biosynthetic process</a>	RT		6	1.0E-1	8.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">carbohydrate biosynthetic process</a>	RT		6	1.0E-1	8.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">pyruvate metabolic process</a>	RT		4	1.9E-1	9.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">monosaccharide biosynthetic process</a>	RT		4	1.9E-1	9.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">gluconeogenesis</a>	RT		4	1.9E-1	9.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT Annotation Cluster 20	0.78	<a href="#">hexose biosynthetic process</a>	RT		4	1.9E-1	9.6E-1
<input type="checkbox"/>	SMART		<a href="#">RAB</a>	RT		4	3.7E-2	5.8E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Small GTP-binding protein</a>	RT		11	3.8E-2	8.2E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Ras small GTPase, Rab type</a>	RT		4	7.7E-2	9.4E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Ras</a>	RT		7	1.0E-1	9.7E-1
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">small GTPase mediated signal transduction</a>	RT		9	3.1E-1	9.9E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Ras GTPase</a>	RT		6	3.2E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT		<a href="#">intracellular signaling cascade</a>	RT		9	6.8E-1	1.0E0
<input type="checkbox"/>	PIR_SUPERFAMILY Annotation Cluster 21	0.75	PIRSF001710:Ras-related protein Rab	RT		4	7.5E-1	1.0E0
<input type="checkbox"/>	INTERPRO		<a href="#">FAD-dependent pyridine nucleotide-disulphide oxidoreductase</a>	RT		4	7.7E-2	9.4E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Pyridine nucleotide-disulphide oxidoreductase, NAD-binding region</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT Annotation Cluster 22	0.7	<a href="#">FAD binding</a>	RT		4	3.7E-1	9.9E-1
<input type="checkbox"/>	SMART		<a href="#">DnaJ</a>	RT		5	8.0E-2	7.2E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Molecular chaperone, heat shock protein, Hsp40, DnaJ</a>	RT		5	1.1E-1	9.8E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Heat shock protein DnaJ, N-terminal</a>	RT		5	1.8E-1	1.0E0
<input type="checkbox"/>	INTERPRO		<a href="#">Chaperone DnaJ, C-terminal</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	INTERPRO		<a href="#">Heat shock protein DnaJ</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">heat shock protein binding</a>	RT		5	3.1E-1	9.7E-1
<input type="checkbox"/>	PIR_SUPERFAMILY Annotation Cluster 23	0.63	PIRSF002585:heat shock protein DnaJ	RT		3	5.8E-1	1.0E0
<input type="checkbox"/>	SMART		<a href="#">S_TKc</a>	RT		28	2.8E-5	2.5E-3
<input type="checkbox"/>	SP_PIR_KEYWORDS		<a href="#">nucleotide-binding</a>	RT		118	1.1E-4	1.8E-3
<input type="checkbox"/>	INTERPRO		<a href="#">Serine/threonine protein kinase</a>	RT		28	3.3E-3	2.2E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS		<a href="#">atp-binding</a>	RT		102	1.7E-2	1.3E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Protein kinase, ATP binding site</a>	RT		31	8.3E-2	9.5E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS		<a href="#">serine/threonine-protein kinase</a>	RT		26	1.3E-1	4.2E-1
<input type="checkbox"/>	INTERPRO		<a href="#">Serine/threonine protein kinase, active site</a>	RT		30	2.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">protein serine/threonine kinase activity</a>	RT		37	6.4E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">purine nucleotide binding</a>	RT		198	8.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">purine ribonucleotide binding</a>	RT		194	9.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">ribonucleotide binding</a>	RT		194	9.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">nucleotide binding</a>	RT		209	9.1E-1	1.0E0
<input type="checkbox"/>	INTERPRO		<a href="#">Serine/threonine protein kinase-related</a>	RT		60	9.1E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT		<a href="#">purine nucleoside binding</a>	RT		174	9.7E-1	1.0E0

<input type="checkbox"/>	Category	Term	RT	Bar	Count	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">adenyl nucleotide binding</a>	RT		174	9.7E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Protein kinase_core</a>	RT		65	9.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">nucleoside binding</a>	RT		175	9.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">adenyl ribonucleotide binding</a>	RT		170	9.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATP binding</a>	RT		170	9.8E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">kinase</a>	RT		90	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">protein kinase activity</a>	RT		66	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">phosphorylation</a>	RT		74	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">phosphate metabolic process</a>	RT		78	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">phosphorus metabolic process</a>	RT		78	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein amino acid phosphorylation</a>	RT		65	1.0E0	1.0E0
Annotation Cluster 24		Enrichment Score: 0.6			Count	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">intramolecular transferase activity, phosphotransferases</a>	RT		4	1.3E-1	8.6E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Alpha-D-phosphohexomutase, alpha/beta/alpha domain I</a>	RT		3	2.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">intramolecular transferase activity</a>	RT		5	6.0E-1	1.0E0
Annotation Cluster 25		Enrichment Score: 0.5			Count	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">establishment of protein localization</a>	RT		19	7.4E-2	8.1E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein transport</a>	RT		19	7.4E-2	8.1E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">vesicle-mediated transport</a>	RT		17	8.1E-2	8.2E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein localization</a>	RT		19	1.0E-1	8.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular protein localization</a>	RT		11	4.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular macromolecule localization</a>	RT		11	4.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">intracellular protein transport</a>	RT		11	4.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">intracellular transport</a>	RT		13	4.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">coated membrane</a>	RT		7	7.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">membrane coat</a>	RT		7	7.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">Golgi apparatus</a>	RT		5	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">endomembrane system</a>	RT		6	9.6E-1	1.0E0
Annotation Cluster 26		Enrichment Score: 0.48			Count	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">generation of precursor metabolites and energy</a>	RT		19	2.9E-3	1.2E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">cation-transporting ATPase activity</a>	RT		7	1.0E-1	8.5E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">proton-transporting ATPase activity, rotational mechanism</a>	RT		5	2.1E-1	9.5E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleobase, nucleoside and nucleotide biosynthetic process</a>	RT		21	2.2E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleobase, nucleoside, nucleotide and nucleic acid biosynthetic process</a>	RT		21	2.2E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nitrogen compound biosynthetic process</a>	RT		24	2.3E-1	9.7E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">hydrogen transport</a>	RT		9	2.3E-1	9.7E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">proton transport</a>	RT		9	2.3E-1	9.7E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">oxidative phosphorylation</a>	RT		8	2.5E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ATP synthesis coupled proton transport</a>	RT		8	2.5E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">energy coupled proton transport, down electrochemical gradient</a>	RT		8	2.5E-1	9.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">hydrolase activity, acting on acid anhydrides, catalyzing transmembrane movement of substances</a>	RT		14	2.5E-1	9.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine nucleotide biosynthetic process</a>	RT		15	2.6E-1	9.8E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity, coupled to transmembrane movement of ions</a>	RT		10	2.6E-1	9.7E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">monovalent inorganic cation transmembrane transporter activity</a>	RT		8	2.7E-1	9.6E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">hydrogen ion transmembrane transporter activity</a>	RT		8	2.7E-1	9.6E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleoside triphosphate metabolic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleoside triphosphate biosynthetic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine nucleoside triphosphate metabolic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine nucleoside triphosphate biosynthetic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ribonucleoside triphosphate biosynthetic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine ribonucleoside triphosphate metabolic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine ribonucleoside triphosphate biosynthetic process</a>	RT		14	2.8E-1	9.8E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ribonucleoside triphosphate metabolic process</a>	RT		14	2.8E-1	9.8E-1

<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">inorganic cation transmembrane transporter activity</a>	RT		9	3.0E-1	9.7E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">monovalent inorganic cation transport</a>	RT		9	3.1E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine nucleotide metabolic process</a>	RT		15	3.1E-1	9.9E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Haloacid dehalogenase-like hydrolase</a>	RT		5	3.3E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ion transmembrane transport</a>	RT		8	3.3E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ribonucleotide metabolic process</a>	RT		14	3.3E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine ribonucleotide metabolic process</a>	RT		14	3.3E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">purine ribonucleotide biosynthetic process</a>	RT		14	3.3E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ribonucleotide biosynthetic process</a>	RT		14	3.3E-1	9.9E-1
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">proton-transporting two-sector ATPase complex, catalytic domain</a>	RT		6	3.4E-1	9.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">primary active transmembrane transporter activity</a>	RT		13	3.8E-1	9.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">P-P-bond-hydrolysis-driven transmembrane transporter activity</a>	RT		13	3.8E-1	9.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity, coupled to transmembrane movement of substances</a>	RT		12	4.2E-1	9.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity, coupled to movement of substances</a>	RT		12	4.2E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleotide biosynthetic process</a>	RT		18	4.2E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ATP metabolic process</a>	RT		12	4.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ATP biosynthetic process</a>	RT		12	4.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">proton-transporting two-sector ATPase complex</a>	RT		9	4.7E-1	1.0E0
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Oxidative phosphorylation</a>	RT		9	5.3E-1	9.8E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">ion transport</a>	RT		3	5.4E-1	8.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cation transport</a>	RT		11	5.4E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ion transport</a>	RT		11	5.4E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase, P-type, ATPase-associated region</a>	RT		4	6.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">transmembrane transport</a>	RT		9	6.8E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter</a>	RT		4	7.2E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">ATPase, P-type phosphorylation site</a>	RT		3	7.3E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity</a>	RT		32	7.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity, coupled to transmembrane movement of ions, phosphorylative mechanism</a>	RT		4	8.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">proton-transporting V-type ATPase complex</a>	RT		4	9.0E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">transmembrane</a>	RT		8	9.2E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity, coupled</a>	RT		19	9.8E-1	1.0E0
	Annotation Cluster 27	Enrichment Score: 0.46			Count	P_Value	Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Rotamase</a>	RT		5	2.6E-1	6.3E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">cis-trans isomerase activity</a>	RT		5	3.1E-1	9.7E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">peptidyl-prolyl cis-trans isomerase activity</a>	RT		5	3.1E-1	9.7E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Peptidyl-prolyl cis-trans isomerase, FKBP-type</a>	RT		3	5.6E-1	1.0E0
	Annotation Cluster 28	Enrichment Score: 0.45			Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">GTPase activity</a>	RT		9	2.3E-1	9.6E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Protein synthesis factor, GTP-binding</a>	RT		4	4.2E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Translation elongation factor EFTu/EF1A, domain 2</a>	RT		3	4.5E-1	1.0E0
	Annotation Cluster 29	Enrichment Score: 0.42			Count	P_Value	Benjamini
<input type="checkbox"/>	SMART	<a href="#">ARF</a>	RT		3	2.2E-1	9.2E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">small GTPase mediated signal transduction</a>	RT		9	3.1E-1	9.9E-1
<input type="checkbox"/>	INTERPRO	<a href="#">ARF/SAR superfamily</a>	RT		4	3.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">ADP-ribosylation factor</a>	RT		3	3.3E-1	1.0E0
<input type="checkbox"/>	PIR_SUPERFAMILY	PIRSF001711:ADP-ribosylation factor	RT		4	6.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">intracellular signaling cascade</a>	RT		9	6.8E-1	1.0E0
	Annotation Cluster 30	Enrichment Score: 0.35			Count	P_Value	Benjamini
<input type="checkbox"/>	SMART	<a href="#">PP2Ac</a>	RT		7	9.6E-2	7.3E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Serine/threonine-specific protein phosphatase and bis(5-nucleosyl)-tetraphosphatase</a>	RT		7	2.5E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">iron</a>	RT		8	5.3E-1	8.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">iron ion binding</a>	RT		12	5.8E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Metallophosphoesterase</a>	RT		7	6.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">phosphatase activity</a>	RT		16	6.5E-1	1.0E0

<input type="checkbox"/>	Category	Term	RT	Count	P_Value	Benjamini
<input type="checkbox"/>		<a href="#">phosphoprotein phosphatase activity</a>	RT	10	7.2E-1	1.0E0
<input type="checkbox"/>	PIR_SUPERFAMILY	PIRSF000908: serine/threonine-protein phosphatase, conventional type	RT	5	7.5E-1	1.0E0
	Annotation Cluster 31	Enrichment Score: 0.35			Count	P_Value
<input type="checkbox"/>		<a href="#">ribonucleoside metabolic process</a>	RT	5	3.0E-1	9.9E-1
<input type="checkbox"/>		<a href="#">pyrimidine nucleoside metabolic process</a>	RT	3	3.6E-1	9.9E-1
<input type="checkbox"/>		<a href="#">pyrimidine ribonucleoside metabolic process</a>	RT	3	3.6E-1	9.9E-1
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Pyrimidine metabolism</a>	RT	7	1.0E0	1.0E0
	Annotation Cluster 32	Enrichment Score: 0.34			Count	P_Value
<input type="checkbox"/>	INTERPRO	<a href="#">ABC transporter-like</a>	RT	10	2.0E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">ABC transporter, conserved site</a>	RT	7	6.5E-1	1.0E0
<input type="checkbox"/>	COG_ONTOLOGY	<a href="#">Defense mechanisms</a>	RT	7	7.4E-1	9.3E-1
	Annotation Cluster 33	Enrichment Score: 0.28			Count	P_Value
<input type="checkbox"/>	SMART	<a href="#">Kelch</a>	RT	3	4.0E-1	9.9E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Kelch repeat type 1</a>	RT	3	5.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Kelch-type beta propeller</a>	RT	3	6.5E-1	1.0E0
	Annotation Cluster 34	Enrichment Score: 0.25			Count	P_Value
<input type="checkbox"/>	SMART	<a href="#">TPR</a>	RT	8	2.8E-1	9.5E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Tetratricopeptide-like helical</a>	RT	10	5.7E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Tetratricopeptide repeat</a>	RT	8	5.7E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">tpr repeat</a>	RT	4	6.3E-1	9.3E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Tetratricopeptide TPR-1</a>	RT	6	7.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Tetratricopeptide region</a>	RT	7	7.4E-1	1.0E0
	Annotation Cluster 35	Enrichment Score: 0.22			Count	P_Value
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">nucleobase, nucleoside, nucleotide kinase activity</a>	RT	6	2.7E-1	9.7E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">phosphotransferase activity, phosphate group as acceptor</a>	RT	4	4.9E-1	1.0E0
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Pyrimidine metabolism</a>	RT	7	1.0E0	1.0E0
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Purine metabolism</a>	RT	6	1.0E0	1.0E0
	Annotation Cluster 36	Enrichment Score: 0.19			Count	P_Value
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">pyridine nucleotide metabolic process</a>	RT	4	4.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">oxidoreduction coenzyme metabolic process</a>	RT	4	4.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nicotinamide metabolic process</a>	RT	3	6.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">secondary metabolic process</a>	RT	3	6.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nicotinamide nucleotide metabolic process</a>	RT	3	6.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">alkaloid metabolic process</a>	RT	3	6.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular amide metabolic process</a>	RT	3	6.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cofactor metabolic process</a>	RT	5	7.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">coenzyme metabolic process</a>	RT	4	8.5E-1	1.0E0
	Annotation Cluster 37	Enrichment Score: 0.16			Count	P_Value
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">Acyltransferase</a>	RT	5	5.3E-1	8.9E-1
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">N-acyltransferase activity</a>	RT	4	7.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Acyl-CoA N-acyltransferase</a>	RT	3	8.4E-1	1.0E0
	Annotation Cluster 38	Enrichment Score: 0.14			Count	P_Value
<input type="checkbox"/>	SMART	<a href="#">EFh</a>	RT	4	4.6E-1	9.9E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Calcium-binding EF-hand</a>	RT	4	6.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EF hand</a>	RT	4	6.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EF-HAND 1</a>	RT	6	7.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EF-Hand type</a>	RT	5	8.1E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EF-HAND 2</a>	RT	4	9.1E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">calcium</a>	RT	4	9.2E-1	1.0E0
	Annotation Cluster 39	Enrichment Score: 0.12			Count	P_Value
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">GTPase activity</a>	RT	9	2.3E-1	9.6E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Tubulin/FtsZ, 2-layer sandwich domain</a>	RT	3	6.5E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Tubulin, conserved site</a>	RT	3	7.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Tubulin</a>	RT	3	7.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Tubulin/FtsZ, GTPase domain</a>	RT	3	7.3E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">microtubule</a>	RT	9	8.9E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular protein complex assembly</a>	RT	4	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein polymerization</a>	RT	3	9.0E-1	1.0E0

<input type="checkbox"/>	Term	Description	RT	Bar	Count	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein complex assembly</a>	RT		4	9.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein complex biogenesis</a>	RT		4	9.5E-1	1.0E0
<input type="checkbox"/>	PIR_SUPERFAMILY	PIRSF002306: tubulin	RT		3	9.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">microtubule</a>	RT		9	1.0E0	1.0E0
		Annotation Cluster 40	Enrichment Score: 0.11			Count	P-Value Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleobase, nucleoside and nucleotide catabolic process</a>	RT		3	7.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleobase, nucleoside, nucleotide and nucleic acid catabolic process</a>	RT		3	7.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nitrogen compound catabolic process</a>	RT		3	7.8E-1	1.0E0
		Annotation Cluster 41	Enrichment Score: 0.09			Count	P-Value Benjamini
<input type="checkbox"/>	INTERPRO	<a href="#">Dynein heavy chain</a>	RT		6	2.5E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Kinesin, motor region, conserved site</a>	RT		6	6.4E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">microtubule associated complex</a>	RT		8	6.7E-1	1.0E0
<input type="checkbox"/>	SMART	<a href="#">KISc</a>	RT		6	7.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">dynein complex</a>	RT		6	7.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">microtubule motor activity</a>	RT		14	8.0E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">motor activity</a>	RT		14	8.0E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">microtubule</a>	RT		9	8.9E-1	9.9E-1
<input type="checkbox"/>	INTERPRO	<a href="#">Kinesin, motor region</a>	RT		6	9.4E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">motor protein</a>	RT		6	9.4E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">microtubule-based process</a>	RT		17	9.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">microtubule-based movement</a>	RT		14	9.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytoskeleton</a>	RT		19	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">microtubule cytoskeleton</a>	RT		17	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytoskeletal part</a>	RT		17	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">microtubule</a>	RT		9	1.0E0	1.0E0
		Annotation Cluster 42	Enrichment Score: 0.08			Count	P-Value Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">N-acyltransferase activity</a>	RT		4	7.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">GCN5-related N-acetyltransferase</a>	RT		3	7.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">N-acetyltransferase activity</a>	RT		3	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">acetyltransferase activity</a>	RT		3	9.2E-1	1.0E0
		Annotation Cluster 43	Enrichment Score: 0.07			Count	P-Value Benjamini
<input type="checkbox"/>	INTERPRO	<a href="#">Clathrin/coatomer adaptor, adaptin-like, N-terminal</a>	RT		3	4.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">coated membrane</a>	RT		7	7.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">membrane coat</a>	RT		7	7.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">Golgi apparatus</a>	RT		5	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">organelle membrane</a>	RT		5	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">vesicle membrane</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytoplasmic membrane-bounded vesicle</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytoplasmic vesicle part</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">vesicle</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">membrane-bounded vesicle</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytoplasmic vesicle</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">coated vesicle</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">vesicle coat</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">coated vesicle membrane</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">cytoplasmic vesicle membrane</a>	RT		3	8.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">endomembrane system</a>	RT		6	9.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">Golgi apparatus part</a>	RT		3	9.6E-1	1.0E0
		Annotation Cluster 44	Enrichment Score: 0.07			Count	P-Value Benjamini
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">membrane</a>	RT		10	5.8E-1	9.1E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">transmembrane</a>	RT		8	9.2E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">intrinsic to membrane</a>	RT		15	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">integral to membrane</a>	RT		15	1.0E0	1.0E0
		Annotation Cluster 45	Enrichment Score: 0.06			Count	P-Value Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular macromolecular complex subunit organization</a>	RT		11	6.1E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Histone core</a>	RT		4	6.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular macromolecular complex assembly</a>	RT		10	7.0E-1	1.0E0



<input type="checkbox"/>	Annotation	Term	RT	Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">macromolecular complex subunit organization</a>	RT	11	7.2E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">nucleosome core</a>	RT	3	7.4E-1	9.7E-1
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">chromosomal protein</a>	RT	4	7.7E-1	9.7E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">macromolecular complex assembly</a>	RT	10	8.0E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Histone-fold</a>	RT	4	8.2E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">nucleus</a>	RT	10	8.6E-1	9.9E-1
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">DNA packaging</a>	RT	4	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleosome assembly</a>	RT	4	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">protein-DNA complex assembly</a>	RT	4	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">chromatin assembly</a>	RT	4	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">nucleosome organization</a>	RT	4	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">chromatin assembly or disassembly</a>	RT	4	9.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">nucleosome</a>	RT	4	9.6E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">chromatin organization</a>	RT	4	9.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">chromatin</a>	RT	4	9.8E-1	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">protein-DNA complex</a>	RT	4	9.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">chromosome organization</a>	RT	4	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">chromosomal part</a>	RT	4	1.0E0	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">dna-binding</a>	RT	5	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_CC_FAT	<a href="#">chromosome</a>	RT	4	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">DNA binding</a>	RT	7	1.0E0	1.0E0
Annotation Cluster 46				Enrichment Score: 0.06		
<input type="checkbox"/>	INTERPRO	<a href="#">EGF</a>	RT	3	6.5E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">egf-like domain</a>	RT	6	7.2E-1	9.6E-1
<input type="checkbox"/>	INTERPRO	<a href="#">EGF, extracellular</a>	RT	6	8.4E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EGF-like, type 3</a>	RT	7	9.4E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EGF-like region, conserved site</a>	RT	16	1.0E0	1.0E0
<input type="checkbox"/>	SMART	<a href="#">EGF</a>	RT	20	1.0E0	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EGF-like</a>	RT	20	1.0E0	1.0E0
Annotation Cluster 47				Enrichment Score: 0.06		
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">tRNA modification</a>	RT	3	5.4E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">RNA modification</a>	RT	5	9.4E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">tRNA processing</a>	RT	4	9.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ncRNA processing</a>	RT	7	9.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">RNA processing</a>	RT	12	1.0E0	1.0E0
Annotation Cluster 48				Enrichment Score: 0.05		
<input type="checkbox"/>	SMART	<a href="#">Pept_C1</a>	RT	6	7.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Peptidase, cysteine peptidase active site</a>	RT	8	8.1E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Peptidase C1A, papain</a>	RT	6	9.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Peptidase C1A, papain C-terminal</a>	RT	6	9.3E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">cysteine-type endopeptidase activity</a>	RT	6	9.7E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">cysteine-type peptidase activity</a>	RT	6	9.9E-1	1.0E0
Annotation Cluster 49				Enrichment Score: 0.03		
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ribosome biogenesis</a>	RT	7	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">ribonucleoprotein complex biogenesis</a>	RT	7	8.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">rRNA metabolic process</a>	RT	3	9.9E-1	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">rRNA processing</a>	RT	3	9.9E-1	1.0E0
Annotation Cluster 50				Enrichment Score: 0.02		
<input type="checkbox"/>	INTERPRO	<a href="#">RNA helicase, DEAD-box type, Q motif</a>	RT	5	7.7E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">DNA/RNA helicase, DEAD/DEAH box type, N-terminal</a>	RT	7	9.1E-1	1.0E0
<input type="checkbox"/>	SMART	<a href="#">DEXDc</a>	RT	7	9.4E-1	1.0E0
<input type="checkbox"/>	SMART	<a href="#">HELICc</a>	RT	7	9.5E-1	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ATPase activity, coupled</a>	RT	19	9.8E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">DEAD-like helicase, N-terminal</a>	RT	7	9.9E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Helicase, superfamily 1 and 2, ATP-binding</a>	RT	7	9.9E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">DNA/RNA helicase, C-terminal</a>	RT	7	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">purine NTP-dependent helicase activity</a>	RT	7	1.0E0	1.0E0
		<a href="#">ATP-dependent helicase activity</a>	RT	7	1.0E0	1.0E0

<input type="checkbox"/>	GOTERM_MF_FAT								
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">helicase</a>	RT				7	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">helicase activity</a>	RT				9	1.0E0	1.0E0
	Annotation Cluster 51	Enrichment Score: 0.02					Count	P_Value	Benjamini
<input type="checkbox"/>	INTERPRO	<a href="#">WD40 repeat, conserved site</a>	RT				7	8.9E-1	1.0E0
<input type="checkbox"/>	SMART	<a href="#">WD40</a>	RT				13	9.3E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">WD40 repeat 2</a>	RT				9	9.6E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">WD40 repeat, region</a>	RT				9	9.8E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">WD40 repeat, subgroup</a>	RT				11	9.8E-1	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">wd repeat</a>	RT				10	9.9E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">WD40/YVTN repeat-like</a>	RT				13	1.0E0	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">WD40 repeat</a>	RT				13	1.0E0	1.0E0
	Annotation Cluster 52	Enrichment Score: 0					Count	P_Value	Benjamini
<input type="checkbox"/>	SMART	<a href="#">ANK</a>	RT				85	9.7E-1	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Ankyrin</a>	RT				85	1.0E0	1.0E0
<input type="checkbox"/>	SP_PIR_KEYWORDS	<a href="#">ank repeat</a>	RT				62	1.0E0	1.0E0
	Annotation Cluster 53	Enrichment Score: 0					Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">ion binding</a>	RT				74	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">cation binding</a>	RT				74	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">metal ion binding</a>	RT				71	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_MF_FAT	<a href="#">transition metal ion binding</a>	RT				34	1.0E0	1.0E0
	Annotation Cluster 54	Enrichment Score: 0					Count	P_Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">cellular response to stress</a>	RT				4	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">DNA repair</a>	RT				3	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">response to DNA damage stimulus</a>	RT				3	1.0E0	1.0E0
<input type="checkbox"/>	GOTERM_BP_FAT	<a href="#">DNA metabolic process</a>	RT				4	1.0E0	1.0E0
	Annotation Cluster 55	Enrichment Score: 0					Count	P_Value	Benjamini
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Mismatch repair</a>	RT				3	1.0E0	1.0E0
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">Nucleotide excision repair</a>	RT				3	1.0E0	1.0E0
<input type="checkbox"/>	KEGG_PATHWAY	<a href="#">DNA replication</a>	RT				3	1.0E0	1.0E0
	Annotation Cluster 56	Enrichment Score: 0					Count	P_Value	Benjamini
<input type="checkbox"/>	SMART	<a href="#">EGF</a>	RT				20	1.0E0	1.0E0
<input type="checkbox"/>	SMART	<a href="#">FU</a>	RT				13	1.0E0	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">EGF-like</a>	RT				20	1.0E0	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Furin-like repeat</a>	RT				13	1.0E0	1.0E0
<input type="checkbox"/>	INTERPRO	<a href="#">Giardia variant-specific surface protein</a>	RT				11	1.0E0	1.0E0

128 terms were not clustered.

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