H = human M = mouse R = rat

Species	Submitted ID	Symbol	Uniprot	Has IPI?	Mapping	KEGG Gene	Has Pathways?	Combined GO Component	Combined Function	Combined Process
Homo sapiens	ACTG_HUMAN (Uniprot_id_acc)	Q8WVW5_HUMAN	**Q8WVW5_HUMAN , Q8WVW5**	Yes	17:77091594-77094422	71	Yes	• actin cytoskeleton[M][R][H] • cellular_component[R] • costamere[M][R] • cytoskeleton[M][R] • cytosol[H] • myofibril[M][R][H] • soluble fraction[H]	• ATP binding[M][R][H] • molecular_function[R] • nucleotide binding[M][R][H] • protein binding[M][R][H] • structural constituent of cytoskeleton[M][R][H] • structural molecule activity[M][R]	• cell motility[H] • response to calcium ion[R] • sarcomere organization[M][R][H]
Homo sapiens	AK1A1_HUMAN (Uniprot_id_acc)	Q6IAZ4_HUMAN	**Q6IAZ4_HUMAN , Q6IAZ4**	Yes	1:45788802-45808308	10327	Yes	• apical plasma membrane[M][R][H] • cytosol[M][R][H]	• L-glucuronate reductase activity[M][R][H] • alcohol dehydrogenase (NADP+) activity[M][R][H] • aldehyde reductase activity[M][R][H] • electron carrier activity[H] • oxidoreductase activity[M][R][H] • protein binding[M][R][H]	• D-glucuronate catabolic process[M][R][H] • L-ascorbic acid biosynthetic process[M][R][H] • aldehyde catabolic process[M][R][H] • biological_process[M] • glucose metabolic process[H]
Homo sapiens	ANXA2_HUMAN (Uniprot_id_acc)	ANXA2_HUMAN	**ANXA2_HUMAN , P07355**	Yes	15:58426643-58477477	302	-	• cell junction[M] • cytoplasm[M][R] • early endosome[M][R] • membrane fraction[M] • perinuclear region of cytoplasm[R] • plasma membrane[R][H] • protein complex[R] • sarcolemma[M][R] • soluble fraction[R][H] • stress fiber[M]	• actin filament binding[R] • calcium ion binding[M][R][H] • calcium-dependent phospholipid binding[M][R][H] • cytoskeletal protein binding[M][R][H] • phosphatidylinositol-4,5-bisphosphate binding[R] • phospholipase inhibitor activity[M][R][H] • protein binding[M][R]	• angiogenesis[M][R] • collagen fibril organization[M][R] • fibrinolysis[M][R] • regulation of fibrinolysis[R] • skeletal development[R][H]
Homo sapiens	ANXA5_HUMAN (Uniprot_id_acc)	Q6FHB3_HUMAN	**Q6FHB3_HUMAN , Q6FHB3**	Yes	4:122808598-122837626	308	-	• cytoplasm[R][H] • intracellular[M][R][H]	• calcium ion binding[M][R][H] • calcium-dependent phospholipid binding[M][R][H] • phospholipase inhibitor activity[R][H] • protein binding[M][R][H]	• anti-apoptosis[R][H] • blood coagulation[M][R][H] • negative regulation of coagulation[M][R][H] • protein homooligomerization[R] • signal transduction[R][H]
Homo sapiens	ATPB_HUMAN (Uniprot_id_acc)	Q0QEN7_HUMAN	**Q0QEN7_HUMAN , Q0QEN7**	Yes	12:55318230-55326119	506	Yes	• hydrogen-translocating F-type ATPase complex[M][R][H] • integral to membrane[M] • mitochondrial inner membrane[M][R] • mitochondrial proton-transporting ATP synthase complex[H] • mitochondrial proton-transporting ATP synthase, catalytic core[H] • mitochondrion[M][R][H] • proton-transporting ATP synthase complex[R] • proton-transporting ATP synthase complex, catalytic core F(1)[M][R][H] • proton-transporting two-sector ATPase complex[M][H]	• ATP binding[M][R][H] • ATPase activity[R] • hydrogen ion transporter activity[M] • hydrogen ion transporting ATP synthase activity, rotational mechanism[M][R][H] • hydrogen ion transporting ATPase activity, rotational mechanism[M][R][H] • hydrogen-exporting ATPase activity, phosphorylative mechanism[M][R][H] • hydrolase activity[M][R][H] • hydrolase activity, acting on acid anhydrides, catalyzing transmembrane movement of substances[M] • lipoprotein receptor activity[R] • metal ion binding[M][R][H] • nucleoside-triphosphatase activity[M][R][H] • nucleotide binding[M][R][H] • protein binding[M][R][H] • transporter activity[H]	• ATP biosynthetic process[M] • ATP synthesis coupled proton transport[M][R][H] • generation of precursor metabolites and energy[H] • ion transport[M][R][H] • proton transport[M][R][H] • receptor-mediated endocytosis[R] • transport[M]
Homo sapiens	AB1IP_HUMAN (Uniprot_id_acc)	Q9NWJ6_HUMAN	**Q9NWJ6_HUMAN , Q9NWJ6**	Yes	10:26767138-26896738	54518	-	• cytoskeleton[M][H]		• neuropeptide signaling pathway[M][R] • signal transduction[M][H]
Homo sapiens	GRP78_HUMAN (Uniprot_id_acc)	Q2KHP4_HUMAN	**Q2KHP4_HUMAN , Q2KHP4**	Yes	9:127036953-127043430	3309	Yes	• ER-Golgi intermediate compartment[M][R][H] • caspase complex[M][R][H] • cell surface[M][R][H] • endoplasmic reticulum[M][R][H] • endoplasmic reticulum lumen[R][H] • integral to endoplasmic reticulum	• ATP binding[M][R][H] • calcium ion binding[R][H] • caspase inhibitor activity[M][R][H] • nucleotide binding[M][R][H] • protein binding[M][R] • protein binding, bridging[R][H]	• ER overload response[M][R][H] • anti-apoptosis[M][R][H] • negative regulation of caspase activity[M][R][H] • protein folding[M] • response to unfolded