

Supplementary Table S2 (continued)

GOTERM_CC_DIRECT	GO:0030496-midbody	7	1.58013544	0.085127349	427	130	18202	2.295334174	1
UP_KEYWORDS	Allosteric enzyme	4	0.902934537	0.085349517	437	49	20568	3.842151964	1
GOTERM_CC_DIRECT	GO:0005739-mitochondrion	40	9.029345372	0.085860351	427	1331	18202	1.281070914	1
GOTERM_BP_DIRECT	GO:0006024-glycosaminoglycan biosynthetic process	4	0.902934537	0.085871287	418	42	16787	3.824789246	1
GOTERM_BP_DIRECT	GO:0006289-nucleotide-excision repair	4	0.902934537	0.085871287	418	42	16787	3.824789246	1
GOTERM_BP_DIRECT	GO:0042328-negative regulation of phosphorylation	3	0.677200903	0.087189077	418	20	16787	6.024043062	1
GOTERM_BP_DIRECT	GO:0001892-embryonic placenta development	3	0.677200903	0.087189077	418	20	16787	6.024043062	1
KEGG_PATHWAY	hsa00500:Starch and sucrose metabolism	4	0.902934537	0.087306651	222	33	6910	3.772863773	1
UP_KEYWORDS	Cell adhesion	16	3.611738149	0.087465519	437	479	20568	1.572154039	1
INTERPRO	IPR000742:Epidermal growth factor-like domain	10	2.257336343	0.0879995	430	231	18593	1.871841337	1
INTERPRO	IPR004162:Seven-in-absentia protein, sina	2	0.451467269	0.089154357	430	4	18593	21.61976744	1
INTERPRO	IPR023213:Chloramphenicol acetyltransferase-like domain	2	0.451467269	0.089154357	430	4	18593	21.61976744	1
INTERPRO	IPR001646:Peptide repeat	2	0.451467269	0.089154357	430	4	18593	21.61976744	1
INTERPRO	IPR013010:Zinc finger, SIAH-type	2	0.451467269	0.089154357	430	4	18593	21.61976744	1
INTERPRO	IPR002355:Multicopper oxidase, copper-binding site	2	0.451467269	0.089154357	430	4	18593	21.61976744	1
INTERPRO	IPR001078:2-oxoacid dehydrogenase acyltransferase, catalytic domain	2	0.451467269	0.089154357	430	4	18593	21.61976744	1
INTERPRO	IPR018000:Neurotransmitter-gated ion-channel, conserved site	4	0.902934537	0.089540715	430	46	18593	3.759959555	1
GOTERM_MF_DIRECT	GO:0005160-transforming growth factor beta receptor binding	4	0.902934537	0.08969848	414	42	16313	3.752703014	1
GOTERM_BP_DIRECT	GO:0018108-peptidyl-tyrosine phosphorylation	8	1.805869074	0.089735975	418	154	16787	2.08624868	1
INTERPRO	IPR002464:DNA/RNA helicase, ATP-dependent, DEAH-box type, conserved site	3	0.677200903	0.090635704	430	22	18593	5.896300211	1
GOTERM_BP_DIRECT	GO:0051290-protein heterotrimerization	4	0.902934537	0.090691388	418	43	16787	3.735840659	1
UP_KEYWORDS	Transmembrane helix	133	30.02257336	0.090896043	437	5621	20568	1.1136499	1
UP_KEYWORDS	Tricarboxylic acid cycle	3	0.677200903	0.091138165	437	24	20568	5.883295195	1
GOTERM_BP_DIRECT	GO:0031954-positive regulation of protein autophosphorylation	3	0.677200903	0.094838808	418	21	16787	5.737183869	1
GOTERM_BP_DIRECT	GO:0007067-mitotic nuclear division	11	2.483069977	0.094958425	418	250	16787	1.767052632	1
GOTERM_BP_DIRECT	GO:0051882-mitochondrial depolarization	2	0.451467269	0.095729421	418	4	16787	20.08014354	1
GOTERM_BP_DIRECT	GO:0038094-Fc-gamma receptor signaling pathway	2	0.451467269	0.095729421	418	4	16787	20.08014354	1
GOTERM_BP_DIRECT	GO:0006933-negative regulation of cell adhesion involved in substrate-bound cell migration	2	0.451467269	0.095729421	418	4	16787	20.08014354	1
GOTERM_BP_DIRECT	GO:0097118-neurotrophin clustering involved in postsynaptic membrane assembly	2	0.451467269	0.095729421	418	4	16787	20.08014354	1
GOTERM_BP_DIRECT	GO:0002283-neutrophil activation involved in immune response	2	0.451467269	0.095729421	418	4	16787	20.08014354	1
GOTERM_BP_DIRECT	GO:1990182-exosomal secretion	2	0.451467269	0.095729421	418	4	16787	20.08014354	1
BIOCARTA	h_g1Pathway:Cell Cycle: G1/S Check Point	4	0.902934537	0.095927216	61	30	1625	3.551912568	0.999999332
GOTERM_MF_DIRECT	GO:0003712-transcription cofactor activity	5	1.128668172	0.097403141	414	69	16313	2.85531751	1
GOTERM_MF_DIRECT	GO:0005221-intracellular cyclic nucleotide activated cation channel activity	2	0.451467269	0.097496276	414	4	16313	19.70169082	1
GOTERM_MF_DIRECT	GO:0019834-phospholipase A2 inhibitor activity	2	0.451467269	0.097496276	414	4	16313	19.70169082	1
INTERPRO	IPR001111:Transforming growth factor-beta, N-terminal	3	0.677200903	0.097807309	430	23	18593	5.63893333	1
GOTERM_MF_DIRECT	GO:0015297-antipporter activity	3	0.677200903	0.097935121	414	21	16313	5.62905452	1
UP_KEYWORDS	Transmembrane	133	30.02257336	0.097942165	437	5639	20568	1.110095088	1
UP_SEQ_FEATURE	topological domain:Mitochondrial intermembrane	4	0.902934537	0.097998806	435	51	20063	3.617399144	1
INTERPRO	IPR006029:Neurotransmitter-gated ion-channel transmembrane domain	4	0.902934537	0.098728975	430	48	18593	3.603294574	1
INTERPRO	IPR006201:Neurotransmitter-gated ion-channel	4	0.902934537	0.098728975	430	48	18593	3.603294574	1
INTERPRO	IPR006202:Neurotransmitter-gated ion-channel ligand-binding	4	0.902934537	0.098728975	430	48	18593	3.603294574	1
UP_KEYWORDS	Mitosis	10	2.257336343	0.098685582	437	258	20568	1.82427758	1
UP_KEYWORDS	Retinitis pigmentosa	5	1.128668172	0.099791948	437	83	20568	2.835322985	1