

Table S3		
CrebA targets - GO	Human Homolog	Fold change
Ion Channels/transporters/binding proteins		
CG34123 - TRPA1-like channel/thermotaxis	TRPM3	-1.50
CG5427 (Oatp33Ea) - Organic anion transporter		-1.54
CG9467 - voltage gated potassium channel	KCTD3	-1.59
CG6356 - organic cation transporter		-1.62
CG7571 (Oatp74D) - Organic anion transporter		-1.66
CG10449 (catsup) - metal ion transmembrane transporter activity	SLC39A7 and SLC39A4	-1.76
CG10620 (Tsf2) - iron ion transmembrane transporter activity	MFI2	-1.82
CG9261 (nrv2) - sodium:potassium-exchanging ATPase activity		-1.90
CG6672 - zinc ion transmembrane transporter activity	SLC30A7	-2.07
CG2177 - metal ion transmembrane transporter activity	SLC39A9	-2.23
CG15094 - high affinity inorganic phosphate:sodium symporter activity		-3.28
CG18039 (KaiRIA) - ionotropic glutamate receptor activity		-3.44
CG32373 - EGF-like Ca ²⁺ ion binding		-1.51
CG30104- hydrolase activity, acting on ester bonds		-1.67
CG17271 - calcium ion binding		-2.55
Transporters		
CG31103 - sugar transporter		-1.57
CG14621 - glucose 6-phosphate:phosphate antiporter	SLC35E1	-1.65
CG9706 - acetyl-CoA transporter activity	SLC33A1	-1.68
CG4484 - sucrose:hydrogen symporter activity	SLC45A1	-1.69
CG13795 - neurotransmitter transporter activity		-1.93
CG15438 - sodium-dependent phosphate transmembrane transporter activity	SLC17A9	-2.10
CG8249 - glucose transmembrane transporter activity		-2.14
CG3424 (path) - amino acid transmembrane transporter activity		-3.02
CG2675 (Csat) - UDP-galactose transmembrane transporter activity	SLC35A2	-3.53
CG8100 - oxygen transporter activity		-6.53

Cell death/apoptosis		
CG18593 (viaf) - regulation of caspase activity	PDCL3	-1.54
CG32491 (mod(mdg4)) - BTB domain, chromatin assembly, regulation of apoptosis		-1.56
CG12297 (BG4) - death receptor binding		-1.79
CG5123 (W) - anatomical structure development; programmed cell death		-2.00
CG1274 (Jafrac2) - peroxidase activity, induction of apoptosis	PRDX4	-2.47
Nucleic acid binding (DNA and RNA)		
CG11033 - similar to vertebrate jumonji, zinc ion binding		-1.51
CG11494 (BtbVII) - BTB domain		-1.51
CG10053 - nucleic acid binding	CCDC75	-1.51
CG8631 (msl-3) - chromatin/mRNA binding, transcriptional regulator	MSL3	-1.85
CG8205 (fus) - mRNA/nuclei acid binding, EGFR signaling	ESRP1	-1.52
CG5147 - DNA binding, RNA polymerase III	POLR3D	-1.56
CG12863 - DNA binding, zinc-finger domain	ZCCHC4	-1.58
CG8730 (Drosha) - RNA polymerase III, miRNA processing	RNASEN	-1.60
CG15552 (Sox100B) - DNA bending, transcription factor activity	SOX8	-1.60
CG8676 (Hr39) - hormone receptor, transcription factor		-1.61
CG3019 (su(w[a])) - mRNA splicing, RNA processing	SFRS8	-1.61
CG12952 (sage) - transcription factor	ATOH8	-1.96
CG31365 - DNA binding, zinc finger domain		-1.63
CG4360 - dna binding, zinc finger domain		-1.64
CG2244 (MTA1-like) - DNA binding, Zinc finger, transcription factor	MTA1	-1.64
CG8920 - contains Tudor domain often found in RNA-binding proteins	TDRD7	-1.94
CG6203 (Fmr1) - mRNA binding	FXR2 and FXR1	-1.70
CG6634 (mid) - transcription factor		-1.72
CG5460 (H) - transcriptional co-repressor		-1.72
CG1650 (unpg) - transcription factor activity	GBX2	-1.74
CG1070 (Alh) - transcription factor activity	MLLT10	-1.80
CG12245 (gcm) - DNA binding; transcription factor activity	GCM1	-1.86
CG3886 (Psc) - DNA binding		-1.86
CG30291 (grau) - specific RNA polymerase II		-1.87

transcription factor activity		
CG1856 (ttk) - specific RNA polymerase II transcription factor activity		-1.92
CG7008 (Tudor-SN) - transcription coactivator activity	SND1	-1.93
CG11680 (mle) - ATP-dependent helicase activity	DHX9	-2.05
CG4717 (kni) - ligand-dependent nuclear receptor activity; transcription factor activity		-2.18
CG8089 - zinc ion binding; nucleic acid binding		-2.20
CG12296 (klu) - nucleic acid binding; zinc ion binding		-2.51
CG1414 (bbx) - DNA binding; transcription factor activity	BBX	-2.54
CG11205 (phr) - deoxyribodipyrimidine photolyase activity		-2.75
CG10352 (Rat1) - 5'-3' exoribonuclease activity		-2.81
CG17077 (pnt) - transcription factor activity	ETS1	-4.50
CG9989 - nucleic acid binding; metal ion binding		-5.21
CG7450 (CrebA) - regulation of transcription	CREB3L1 and CREB3L2	-13.65
RNA processing		
CG8038 - RNA binding, rRNA/tRNA processing, mRNA cleavage	POP4	-1.51
CG9735 (Aats-trp) - tryptophan-tRNA ligase	WARS	-1.62
CG32281 - tRNA methyltransferase activity	TRMT5	-1.95
CG5394 (Aats-glupro) - glutamate-tRNA ligase activity	EPRS	-1.78
Unknown		
CG6559		-1.51
CG8230 - contains Dymeclin domain	DYM (Dymeclin)	-1.52
CG13936		-1.52
CG33052	(Rat) GORAB RAT	-1.53
CG9669	C11orf10	-1.55
CG11314 - mesoderm development, similar to Neimann Pick Type C protein		-1.55
CG8997		-1.55
CG8780 (tey) - involved in muscle development		-1.56
CG7161 (Oseg1) - sensory cilium assembly	IFT122	-1.58
CG34331		-1.59
CG42336		-1.60

CG11395		-1.60
CG42259		-1.61
CG5174	TPD52L2	-2.11
CG5850	TMEM184C	-1.61
CG14905	CCDC63	-1.62
CG34276		-1.62
CG6325	DCAF15	-1.62
CG31606		-1.63
CG14646	TMEM129	-1.64
CG14629		-1.65
CG5768		-2.38
CG13857		-1.66
CG13565		-1.66
CG9257	MLEC (Malectin)	-1.68
CG7510 - contains Plekstrin domain, cell signaling	GPR155	-1.68
CG12063 - likely involved in carbohydrate binding		-1.68
CG5021	FAM18A	-1.68
CG10616	C1orf27	-1.69
CG33169		-1.84
CG32243		-1.72
CG3767 (Jhl-26)		-1.73
CG6785		-1.74
CG6983		-1.75
CG13614		-1.79
CG9196 (Spz6) - related to Spatzle		-1.81
CG5862	DDR GK1	-1.81
CG8613 - catalytic activity	SPATA20	-1.81
CG13082		-1.82
CG1104	KIAA0776	-1.82
CG11018		-1.83
CG14454		-2.53
CG8717 (slv) - likely transmembrane	RAG1AP1	-1.83
CG8331	REEP5	-1.84
CG10591		-1.84
CG5484	YIF1B	-1.86
CG9945	WDR23	-1.87
CG14265		-1.87
CG7802		-1.89
CG14400		-1.89
CG33003		-1.89
CG10157		-1.89
CG2812		-1.90
CG13394		-1.93

CG14110		-1.93
CG1077		-1.95
CG15905		-1.99
CG11905		-2.67
CG33272 - is located in the glue gene cluster at 68C		-2.02
CG12384		-2.09
CG5039		-2.09
CG4844		-2.12
CG12011		-2.12
CG14720		-2.13
CG7300		-2.15
CG9186	C2orf43	-2.17
CG7011	ERGIC3	-2.18
CG34224		-2.18
CG4293	ERGIC2	-2.18
CG13362		-2.20
CG13822		-2.23
CG15024		-2.32
CG7137	RRP8	-2.32
CG8145		-2.33
CG34035		-2.36
CG18661	C16orf13	-2.43
CG30272		-2.50
CG5476 (TwdIN)		-2.51
CG6478 (TwdIB)		-2.77
CG6447 (TwdIL)		-2.77
CG7567		-2.99
CG32039	SVIP	-3.13
CG14756		-3.23
CG18343		-3.73
CG10717 (ImpL1) - Ecdysone-inducible factor 1		-4.14
CG32368		-5.46
CG7936 (mex1) - midgut expression		-14.33
Other		
CG9704 (Nrt) - axon guidance, axonogenesis		-1.76
CG32282 (dro4) - defense response to fungus		-1.51
Intracellular proteolysis		
CG6726 - metallopeptidase		-1.59
CG10576 - aminopeptidase	PA2G4	-1.65
CG7649 (Neu3) - metalloendopeptidase activity		-1.81
CG42335 - aminopeptidase activity;		-4.29

metallopeptidase activity		
CG6372 - aminopeptidase activity; metalloexopeptidase activity		-6.93
Extracellular proteolysis		
CG3344 - serine type carboxypeptidase	SCPEP1	-1.51
CG10992 - cysteine endopeptidase	CTSB	-1.57
CG13744 - serine endopeptidase		-1.60
CG17633 - metalcarboxypeptidase activity		-1.68
CG8539 - metalcarboxypeptidase activity; zinc ion binding		-1.83
CG9460 - serine-type endopeptidase inhibitor		-1.88
CG32483 - serine-type carboxypeptidase activity		-2.20
CG8579 (Jon44E) - serine-type endopeptidase activity		-4.65
Cell cycle		
CG8598 (eco) - N-acetyltransferase	ESCO2	-1.51
CG10800 (Rca1) - regulation of mitosis		-1.52
CG1395 (Stg) - protein tyrosine phosphatase	CDC25B/C	-1.69
CG8857 (RpS11) - ribosomal subunit	RPS11P5	-1.71
CG32417 (Myt1) - protein serine/threonine/tyrosine kinase activity	PKMYT1	-1.77
CG30291 - regulation of cyclin-dependent kinase activity	CDK5RAP3	-1.87
CG17064 (mars) - regulation of mitotic cell cycle		-1.90
CG12740 (RpL28) - structural constituent of ribosome	RPL28	-3.58
Protein Binding		
CG3408 - contains leucine-rich repeat	LRRC59	-1.56
CG31274 - contains leucine-rich repeat		-1.59
CG31447 (MESK4) - contains leucine-rich repeat		-1.59
CG14351 - contains leucine-rich repeat		-1.58
CG5692 (raps) - GTPase activator involved in cell division	GPSM2	-1.65
CG32356 (ImpE1) - contains LDLR domain		-2.14
CG30023 (Sprt) - contains PDZ domain		-1.69
CG4195 (l(3)73Ah) - zinc ion binding	PCGF3	-1.71
	LSAMP and	
CG2198 (Ama) - cell adhesion, antigen binding	NEGR1	-1.76
CG13125 - protein phosphatase type 1 regulator	LRRC48	-1.77

activity		
CG10420 - contains Armadillo-helical domain	SIL1	-1.87
CG11714 - contains BTB domain		-1.95
CG1418 - Rab GTPase binding	RABAC1	-2.51
CG1410 (waw) - GTPase activity	GUF1	-2.54
CG30483 (Prosap) - protein binding	SHANK1	-2.90
CG16757 (Spn) - protein phosphatase 1 binding	PPP1R9B	-3.01
CG33983 (obst-H) - chitin binding		-4.93
Cytoskeleton		
CG11242 - contains cytoskeleton associated CAP-Gly domain	TBCB	-1.52
CG8261 (Ggamma1) - actin organization	GNG12	-1.52
CG13913 (mwh) - actin binding		-1.73
CG32149 (RhoGAP71E) - signal transduction		-2.16
Ubiquitin/proteasome		
CG11887 (StIP) - proteasome assembly/activator	ELP2	-1.52
Mitochondria/Peroxisome		
CG10622 (Suchb) - succinate CoA ligase, tricarboxylic acid cycle	SUCLG2	-1.53
CG32174 - contains Coenzyme Q 4 domain	COQ4	-1.53
CG6439 - isocitrate dehydrogenase (NAD+) activity	IDH3B	-1.65
CG9961 - phosphoglycerate kinase activity, glycolysis		-1.78
CG5904 (mRpS31) - mitochondrial ribosomal protein	MRPS31	-1.84
CG13827 - peroxisome fission	PEX11G	-1.84
Receptors/Signal transduction		
CG18859 (Or19a) - olfactory receptor, odorant binding		-1.56
CG32825 (Or19b) - olfactory receptor, odorant binding, G-protein signaling		-1.56
CG4626 (Fz4) - frizzled 4 receptor		-1.58
CG8967 (Otk) - cell adhesion molecule binding	PTK7	-1.71
CG17592 (LBR) - lamin B receptor	USF2	-1.85
CG5912 (arr) - Wnt receptor signaling pathway	LRP6	-1.90
CG6127 (Ser) - epidermal growth factor receptor binding	JAG2	-2.03
CG34449 - receptor activity	ZDHC8	-2.58
CG6965 (mthl5) - G-protein coupled receptor		-2.15

activity		
CG32475 (mthl8) - G-protein coupled receptor protein signaling pathway		-2.84
CG6104 (m2) - Notch signaling pathway		-1.68
CG8337 (malpha) - Notch signaling pathway		-1.91
Metabolism		
CG11899 - O-phospho-L-serine:2-oxoglutarate aminotransferase	PSAT1	-1.59
CG6673 - glutathione transferase activity		-1.60
CG5171 - trehalose phosphatase activity		-1.60
CG17560 - catalytic activity, male sterility		-1.61
CG6870 - electron carrier, heme binding		-1.63
CG18559 (Cyp309a2) - electron carrier, heme binding, monooxygenase activity		-1.63
CG8036 - transketolase activity	TKT	-1.65
CG7685 - alpha glucosidase activity, contains LDLR domain		-1.67
CG7623 (sll) - UDP-galactose transmembrane transporter activity	SLC35B2	-1.67
CG3534 - xylulokinase activity/carbohydrate metabolism	XYLB	-1.51
CG17026 - Inositol-monophosphate activity		-1.72
CG17562 - catalytic activity, male sterility		-1.72
CG6578 (Phm) - ecdysteroid 25-hydroxylase activity		-1.73
CG10621 - selenocysteine methyltransferase activity		-1.73
CG1041 - carnitine O-acetyltransferase activity	CRAT	-1.73
CG10361 - glycine C-acetyltransferase activity	GCAT	-1.74
CG9523 - protein adenylyltransferase activity	FICD	-1.78
CG14670 (Hcs) - biotin-[acetyl-CoA-carboxylase] ligase activity	HLCS	-1.81
CG8652 (Ugt37c1) - glucuronosyltransferase activity		-1.86
CG10924 - phosphoenolpyruvate carboxykinase (GTP) activity		-1.88
CG11052 - acylphosphatase activity		-1.89
CG1969 - glucosamine 6-phosphate N-acetyltransferase activity	GNPNAT1	-2.04
CG33503 (Cyp12d1-d) - electron carrier activity		-1.95
CG5946 - cytochrome-b5 reductase activity	CYB5R3	-1.95
CG6128 (Fuca) - alpha-L-fucosidase activity	FUCA2	-1.96
CG10512 - oxidoreductase activity		-1.97

CG10467 - aldose 1-epimerase activity; carbohydrate binding	GALM	-2.00
CG33093 - oxidoreductase activity		-2.00
CG10391 (Cyp310a1) - electron carrier activity; heme binding		-2.12
CG2062 (Cyp4e1) - electron carrier activity		-2.15
CG5656 - alkaline phosphatase activity	ALPL	-2.17
CG18585 - metalloprotease activity	CPA1 and CPA2	-2.27
CG4899 (Pdh) - alcohol dehydrogenase (NAD) activity	HPGD	
CG10116 - lipoprotein lipase activity, lipid metabolic process		-2.48
CG9449 - acid phosphatase, phagocytosis, engulfment		-2.81
CG16799 - lysozyme activity, defense response; antimicrobial humoral response		-2.65
CG15362 - catalytic activity		-2.76
CG31809 - steroid dehydrogenase activity		-2.95
CG12242 (GstD5) - glutathione -S- transferase		-3.07
CG15743 - 3'(2'),5'-bisphosphate nucleotidase activity	IMPAD1	-3.14
CG1749 - Mo-molybdopterin cofactor sulfurase activity	UBA5	-3.44
CG31313 - cysteine-type endopeptidase inhibitor activity		-4.00
CG18088 - catalytic activity, metabolic process		-6.72
CG2759 (w) - biogenic amine biosynthetic process		-3.80
Secretory pathway		
ER-Golgi trafficking/transport		
CG8605 - RINT1/TIP1 domain	RINT1	-1.51
CG7966 - may function as selenium binding protein which is thought to function in the late stages of Golgi transport	SELENBP1	-1.54
CG32654 (Sec16) - protein exit from ER	SEC16A	-1.54
CG12404 - Yip1 domain	YIPF5	-1.56
CG4645 - Yip1 domain	YIPF1	-1.60
CG4848 - Vps51/Vps67 domain	COG1	-1.60
CG3652 - Yip1 domain	YIPF6	-1.64
CG5183 (KdelR) - KDEL receptor	KDELRL1	-1.68
CG31040 (Cog7) - conserved oligomeric Golgi complex	COG7	-1.71
CG1528 (gammaCop) - retrograde vesicle-mediated transport	COPG	-1.74

CG6223 (betaCop) - retrograde vesicle-mediated transport	COPB1	-1.89
CG6699 (beta'Cop) - ER to Golgi vesicle-mediated transport	COPB2	-1.90
CG7961 (alphaCop) - retrograde vesicle-mediated transport	COPA	-2.11
CG2023 - Sec20 domain	BNIP1	-2.31
Endocytosis/membrane formation		
CG1049 (Cct) - choline phosphate cytidyltransferase activity	PCYT1A	-1.53
Golgi modification enzymes/proteins		
CG3874 (frc) - sugar transmembrane transporter	SLC35D1	-1.53
CG12030 - UDP-glucose-4 epimerase activity	GALE	-1.57
CG32775 (GlcAT-I) - glucuronosyltransferase activity	B3GAT3	
CG31002 - glucuronosyltransferase activity		-1.64
CG9614 (pip) - heparan sulfate 2-O-sulfotransferase activity		-4.16
CG12311 (tw) - dolichyl-phosphate-mannose-protein mannosyltransferase activity	POMT2	-1.76
CG10166 - dolichyl-phosphate beta-D-mannosyltransferase activity, protein amino acid glycosylation	DPM1	-1.77
CG6822 (ergic53) - mannose binding		-2.46
CG2103 (pgant6) - polypeptide N-acetylgalactosaminyltransferase	GALNT10	-2.09
Possible cargo		
CG8050 (Cys) - Cystatin, protease inhibitor		-1.53
CG5634 (dsd) - contains EGF-like 3 domain found in proteins known to be secreted		-1.60
CG13744 - serine endopeptidase - these enzymes are secreted		-1.60
CG32400 (Lcp65Ab1) - structural constituent of chitin-based larval cuticle		-1.66
CG32400 (Lcp65Ab2) - structural constituent of chitin-based larval cuticle		-1.66
CG1567 (C901) - contains EGF-like 3 domain	DLK2	-1.67
CG2560 (Cpr11A) - structural constituent of chitin-based larval cuticle		-1.69
CG14089 - contains collagen triple helix repeat		-1.71
CG4914 - serine endopeptidase - these enzymes are secreted		-1.71

CG5276 - member of Apyrase family of proteins		-1.76
CG2044 (Lcp4) - structural constituent of chitin-based larval cuticle		-1.83
CG9307 (Cht5) - chitinase activity		-1.85
CG9355 (dy) - structural constituent of chitin-based cuticle		-2.01
CG17044 (yellow-e2) - member of Major Royal Jelly family.		-2.10
CG2043 (Lcp3) - structural constituent of chitin-based larval cuticle		-2.37
CG18348 (Cpr67Fb) - structural constituent of chitin-based cuticle		-2.38
CG9120 (LysX) - lysozyme activity		-2.65
CG7941 (Cpr67Fa1) - structural constituent of chitin-based larval cuticle		-2.98
CG34270 (Cpr65Ax1) - structural constituent of chitin-based cuticle		-3.04
CG18777 (Cpr65Ax2) - structural constituent of chitin-based cuticle		-3.04
CG7663 (Cpr78Cb) - structural constituent of chitin-based cuticle		-3.38
CG33117 (Victoria) - member of Drosophila species specific Turandot humoral factor		-3.70
CG9070 (Cpr47Eg) - structural constituent of chitin-based cuticle		-4.43
CG10533 (Lcp65Af) - structural constituent of chitin-based larval cuticle		-4.44
CG18349 (Cpr67Fa2) - structural constituent of chitin-based cuticle		-1.82
CG6912 - contains growth factor receptor domain, mucin like (runs of T)		-2.16
CG14850 - mucin like (30.2% TS)		-2.20
CG32453 - mucin-like (39.6% TS)		-2.53
CG12546 - mucin (short 43.4% TS)		-2.58
CG14452 - mucin (short 44.3% TS)		-2.58
CG32073 - mucin (short 41.2% TS)		-3.19
CG13738 - mucin (short 31.1% TS)		-4.28
CG5402 - mucin (short 31.4% TS)		-4.37
CG14453 - mucin (short 40.9% TS)		-4.58
ER proteins		
CG9726 (PH4alphaMP) - procollagen proline-4 dioxygenase activity		-1.54
CG15818 - contains C-type lectin domain		-1.52

CG31014 (PH4alphaSG1) - procollagen proline-4 dioxygenase activity		-1.54
CG16905 (eloF) - fatty acid elongase of the GNS1/SUR4 family		-1.58
CG5417 (Srp14) - signal recognition particle	SRP14	-1.59
CG4758 (Trp1) - SRP-dependent cotranslational protein targeting	SEC62	-1.63
CG7748 (OstStt3) - oligosaccharyl transferase activity	STT3B	-1.72
CG7556 - unfolded protein binding	DNAJC1	-1.74
CG9911 - protein disulfide isomerase activity	ERP44	-1.75
CG2469 - contains tetratricopeptide motif	CTR9	-1.76
CG9539 (Sec61alpha) - protein transporter activity	SEC61A2	-1.78
CG5434 (Srp72) - SRP-dependent cotranslational protein targeting	SRP72	-1.81
CG7872 - contains DnaJ domain involved in protein folding	DNAJC25	-1.81
CG9459 - contains GNS1/Sur4 domain		-1.85
CG5520 (Gp93) - unfolded protein binding	HSP90B1	-1.87
CG8860 - protein transporter activity	SEC61G	-1.88
CG2522 (Gtp-bp) - signal recognition particle binding	SRPR	-1.88
CG4457 (Srp19) - SRP-dependent cotranslational protein targeting	SRP19	-1.89
CG5474 (SsRbeta) - protein retention in ER lumen	SSR2	-1.97
CG10130 (Sec61beta) - SRP-dependent cotranslational protein targeting	SEC61B	-1.99
CG8268 (Srp9) - SRP-dependent cotranslational protein targeting	SRP9 and SRP9L1	-1.99
CG5885 - cotranslational protein targeting to membrane	SSR3	-2.02
CG8583 (sec63) - signal recognition particle binding	SEC63	-2.03
CG5064 (Srp68) - SRP-dependent cotranslational protein targeting	SRP68	-2.04
CG8420 - contains ER targeting motif	GRLF1	-2.05
CG9342 (Mtp) - phosphatidylcholine transmembrane transporter	MTTP	-2.06
CG32276 - protein modification process	SERP1	-2.07
CG14214 (Sec61gamma) - SRP-dependent cotranslational protein targeting		-2.08
CG9035 (Tapdelta) - protein retention in ER lumen	SSR4	-2.12

CG18431 - contains C-type lectin domain		-2.12
CG1751 (Spase25) peptidase activity, signal peptide processing	SPCS2	-2.19
CG9302 - protein disulfide isomerase activity	PDIA5	-2.24
CG2358 (Spase18-21) - signal peptide processing	SEC11B and SEC11C	-2.30
CG3810 (Edem1) - ER-associated protein catabolic process	EDEM2	-2.42
CG11840 (Spp) - membrane protein proteolysis	HM13	-2.50
CG11500 (Spase12) - signal peptide processing	SPCS1	-2.55
CG9698 - procollagen-proline 4-dioxygenase activity		-2.83
CG12918 - contains ER targeting motif	CNPY2	-2.87
CG14105 - contains tetratricopeptide motif	TTC36	-3.25
CG33162 (SrpRbeta) - SRP-dependent cotranslational protein targeting to membrane	SRPRB	-3.31
CG11642 (TRAM) - SRP-dependent cotranslational protein targeting	TRAM1	-5.22
CG7945 - unfolded protein binding	BAG2	-7.05
Vesicle/vesicle transport		
CG5359 - contains Tctex-1 domain	TCTEX1D2	-1.54
CG13626 (Syx18) - SNAP receptor	STX18	-1.55
CG5341 (Sec6) - exocytosis	EXOC3	-1.65
CG33523 - structural molecule activity	MOSPD2	-1.78
CG8266 (Sec31) - component of COP II vesicle	SEC31A	-1.82
CG33105 (p24-2) - vesicle transport		-1.90
CG3948 (zetaCop) - intracellular protein transport	COPZ1	-2.69
CG3564 (CHOp24) - transport	TMED2	-2.21
CG11785 (bai) - vesicle-mediated transport	TMED10	-2.24
CG33104 (eca) - transport	TMED4	-2.25
CG6773 (Sec13) - larval chitin-based cuticle development	SEC13	-2.44
CG10733 (loj) - transport, member of p24 family		-2.51
Golgi morphology		
CG6838 - ARF GTPase activator	ARFGAP3	-1.58
CG4237 (Gap69C) - ARF GTPase activator activity	ARFGAP1	-1.95
CG7809 (Grasp65) - Golgi organization	GORASP2	-2.38
CG11061 (GM130) - Golgi organization	GOLGA2	-2.40

