

Table S11

Genes that display a significant change in expression during adult stages 5-30 day (ANOVA, $P < 0.001$)

Gene ID mixed annotation (+ indicates sequence confirmation)

CG12505+ unknown * CG12505 LD41905 50F6-50F6 ID:101A2
 + endopeptidase serine proteinase (EC 3.4.21.-) 2 precursor - fruit fly CHYMOTRYPSIN,TRYPSIN_CATAL, TRYPSIN_SER,]
 CG10475CG10475 ID:108C1
 + Neurotactin cell adhesion axon, ocellar nerve, ventral nerve cord CARBOXYLESTERASE_B_2, COesterase, ESTERA] CG9704
 CG9704 LP05519 ID:109D11
 CG9759 + unknown * CG9759 GH02603 87F-87F ID:31D2
 CG7738 + CG7738 dup:2/2 ID:32C2
 + endopeptidase * human factor XII(aa) * 7e-31 masquerade precursor - fruit fly (Drosophila melanogaster) * 2e-05 similar to
 Trypsin * 5e-25 MCT6_MOUSE MAST CELL PRO [trypsin // CHYMOTRYPSIN // TRYPSIN_CATA] CG6639 GH06092 36C2-36C2
 CG6639 ID:34C3
 CG10513+ unknown * /match=(desc:; /match=(desc:(aa) * 1e-36 /match=(desc:; /ma * * CG10513 GH13495 96C7-96C7 ID:40F11
 + enzyme * coded for by C. elegans cDNA yk16b2.3; coded for by C. elegans cDNA yk16b2.5; Similar to amidase.(aa) *
 CG7910 PUTATIVE AMIDASE AMIA2(aa) * 3364, putative [CRYSTALLIN_BETAGAMMA // Amidase] CG7910 GH15201 84E10-84E10 ID:42B9
 + Rbp9 RNA_binding * 3e-14 PUB1_YEAST NUCLEAR AND CYTOPLASMIC POLYADENYLATED RNA-BINDING PROTEIN PUB1
 (ARS * 1e-175 RNA-binding protein * 5e-70 Similar to the human para [RNP_1 // RBD // HUDSXL RNA // rrm] CG3151 GH07919 23C1-
 CG3151 23C2 dup:1/2 ID:60C1
 + electron_transfer * CYTOCHROME B5 (CYTB5)(aa) * 3e-17 cytochrome b5 * 1e-25 Similarity to Human cytochrome b5
 (SW:CYB5_HUMAN); cDNA EST EMBL:D * 2e-30 CYB5_MOUSE CY[Cytochrome_B5 // CYTOCHROME B5 // CYTOCH] CG2140
 CG2140 GH15091 43D-43D dup:3/3 ID:67B9
 + Scp1 ligand_binding_or_carrier * calcium-binding protein alpha-a chain - penaeid shrimp (Penaeus sp.)(aa) * Scp1 * 5e-94 calcium-
 CG15848 binding protein * 2e-43 SCPB_PENSP SARCOPLASMIC CALC CG15848 GH15296 cyto_unknown ID:67D6
 + peptidase * 1e-30 YHT2_YEAST HYPOTHETICAL 49.8 KD PROTEIN IN ACT3-YCK1 INTERGENIC REGION PRECURSOR *
 7e-06 carboxypeptidase precursor * 4e-52 similar to zinc ca [CRBOXYPTASEA // Zn_carbOpept] CG8560 GH20109 65F7-65F8
 CG8560 ID:72C10
 + structural_protein * 4e-07 CUP8_DROME PUPAL CUTICLE PROTEIN EDG-84 PRECURSOR ecdyson * 3e-08 CU19_LOCM1
 CUTICLE PROTEIN (LM-19) (LM-ACP 19) Lm-ACP1 * 5e-09 DMEDG84A_3 Ed [CUTICLE // PRO_RICH // insect_cuticle] CG6305
 CG6305 GH20904 50C9-50C11 ID:73B10
 CG17617+ EG:23E12.5 unknown * /match=(desc:; /match=(desc:(aa) * /match=(desc:; /ma * * CG17617 GH24929 cyto_unknown ID:78B1
 + * canalicular multispecific organic anion transporter (ABC superfamily)(aa) * cadmium resistance protein YCF1 - yeast
 CG10441 (Saccharomyces cerevisiae) * 1e- [ATP_GTP_A2 // ABC_TRANSPORTER // ABC_tr] CG10441 37B9-37B9 dup:1/2 ID:95C1
 + chaperone * FKBP54(aa) * 2e-11 FKBP_YEAST FK506-BINDING PROTEIN (FKBP) (PEPTIDYL-PROLYL CIS-TRANS
 ISOMERASE) (P * 3e-08 FKB2_DROME KD FK506-BINDING PROTEIN (FK [TPR_REGION // FKBP_PPIASE_2 // FKBP_PPI]
 CG5482 CG5482 LD36412 55E5-55E5 ID:96A4