Differences in the abundance of honeybee protein species between sample groups

IRS-: dsRNA-mediated knockdown of irs expression
TOR-: dsRNA-mediated knockdown of tor expression
(IRS-/TOR-): double knockdown
Control: individuals treated with gfp dsRNA
Kwpvalue: pvalue obtained following a Kruskal Wallis ANOVA
pvalue: pvalue resulting from a Mann-Whitney Utest
pvalue cutoff: pvalue corresponding to the 5 % cutoff from the distribution obtained through bootstrap correction
Sample 1, sample 2: groups of individuals for the specified comparison
Note that some peptides can match to more than one protein, which leads to redundant results.
Proteins were only included, if they displayed at least a spectral count of three in at least three out of the five replicates of at least one sample group.

Protein description	KWpvalue	IRS-/TOR-pvalue	U	sample 1 Rank sum	sample 2 Rank sum	Total Rank sum	sample 1 Replicates	sample 2 Replicates	pvalue cutoff
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.002	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.002	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.003	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.198
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.005	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.007	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_624628|PREDICTED: similar to CG6206-PB, isoform B [Apis mellifera]	0.008	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.011	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.012	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.013	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.014	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.014	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.206
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.014	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.016	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.016	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.167
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.017	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.019	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.198
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.020	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.021	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.206
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.022	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_392501|PREDICTED: similar to Muscle protein 20 CG4859-PA, isoform A [Apis mellifera]	0.022	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.206
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.023	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.023	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.024	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.026	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.027	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.167
XP_623826|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.206
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.027	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.029	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.206
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.029	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.214
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.031	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.032	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.198
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.033	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_001122757|PREDICTED: similar to yellow-e2 CG17044-PA [Apis mellifera]	0.034	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.035	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.175
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.041	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.044	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.051	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.052	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.056	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_001121105|PREDICTED: similar to T04C12.5, partial [Apis mellifera]	0.059	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_393090|PREDICTED: similar to Heat shock protein cognate 3 CG4147-PA, isoform A [Apis mellifera]	0.065	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.078	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.082	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.151
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.085	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.092	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.167
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.111	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.112	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.206
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.126	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.127	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.132	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.138	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.154	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.214
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.164	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.164	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.169	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
XP_392405|PREDICTED: similar to CG14207-PB, isoform B isoform 1 [Apis mellifera]	0.174	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.206
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.198	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.198	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.198	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.206
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.204	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.204	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.198
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.220	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.222	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_393371|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.226	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.235	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.261	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
NP_001011600|hexamerin 70b [Apis mellifera]	0.289	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.300	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.304	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_395614|PREDICTED: similar to Glycoprotein 93 CG5520-PA isoform 1 [Apis mellifera]	0.323	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.354	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.359	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.206
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.374	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.415	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.198
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.436	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.464	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.519	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.527	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.536	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.559	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.206
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.559	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.586	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.603	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.608	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.214
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.658	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
NP_001011603|arginine kinase [Apis mellifera]	0.666	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.198
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.690	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.151
XP_395426|PREDICTED: similar to CG17374-PA,3 isoform 1 [Apis mellifera]	0.722	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.733	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_624201|PREDICTED: similar to yellow-h CG1629-PA, partial [Apis mellifera]	0.782	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_625060|PREDICTED: similar to lethal (1) G0230 CG2968-PA [Apis mellifera]	0.810	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.810	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.206
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.874	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.206
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.904	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.167
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.932	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.198
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.937	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.167
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.972	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
NP_001011636|FABP-like protein [Apis mellifera]	0.972	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198

Protein description	KWpvalue	IRS-/(IRS-/TOR-) pvalue	U	sample 1 Rank sum	sample 2 Rank sum	Total Rank sum	sample 1 Replicates	sample 2 Replicates	pvalue cutoff
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.002	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.206
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.002	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.151
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.003	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.206
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.005	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.206
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.007	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_624628|PREDICTED: similar to CG6206-PB, isoform B [Apis mellifera]	0.008	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.175
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.011	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.206
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.012	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.013	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.206
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.175
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.014	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.014	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.214
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.014	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.167
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.016	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.206
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.016	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.017	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.206
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.019	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.020	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.167
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.021	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.022	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_392501|PREDICTED: similar to Muscle protein 20 CG4696-PA, isoform A [Apis mellifera]	0.022	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.023	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.023	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.024	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.206
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.026	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.027	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_623826|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.206
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.027	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.029	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.029	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.031	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.032	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.033	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.206
XP_001122757|PREDICTED: similar to yellow-e2 CG17044-PA [Apis mellifera]	0.034	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.167
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.035	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.206
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.041	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.044	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.206
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.051	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.167
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.052	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.056	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
XP_001121105|PREDICTED: similar to T04C12.5, partial [Apis mellifera]	0.059	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.238
XP_393090|PREDICTED: similar to Heat shock protein cognate 3 CG4147-PA, isoform A [Apis mellifera]	0.065	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.238
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.078	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.082	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.085	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.206
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.092	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.167
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.111	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.112	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.214
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.126	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.127	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.132	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.138	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.154	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.175
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.164	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.167
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.164	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.169	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
XP_392405|PREDICTED: similar to CG14207-PB, isoform B isoform 1 [Apis mellifera]	0.174	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.198	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.214
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.198	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.198	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.151
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.204	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.151
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.204	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.198
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.220	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.222	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.167
XP_393371|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.226	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.235	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.206
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.261	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
NP_001011600|hexamerin 70b [Apis mellifera]	0.289	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.300	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.190
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.304	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_395614|PREDICTED: similar to Glycoprotein 93 CG5520-PA isoform 1 [Apis mellifera]	0.323	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.354	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.359	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.374	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.415	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.436	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.206
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.464	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.519	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.214
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.527	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.175
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.536	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.559	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.559	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.586	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.206
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.603	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.608	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.658	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.167
NP_001011603|arginine kinase [Apis mellifera]	0.666	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.690	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_395426|PREDICTED: similar to CG17374-PA.3 isoform 1 [Apis mellifera]	0.722	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.167
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.733	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_624201|PREDICTED: similar to yellow-h CG1629-PA, partial [Apis mellifera]	0.782	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_625060|PREDICTED: similar to lethal (1) G0230 CG2968-PA [Apis mellifera]	0.810	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.167
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.810	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.874	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.904	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.175
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.932	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.167
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.937	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.972	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
NP_001011636|FABP-like protein [Apis mellifera]	0.972	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190

		IRS-/Control		sample 1	sample 2	Total	sample 1	sample 2	
Protein description	KWpvalue	pvalue	U	Rank sum	Rank sum	Rank sum	Replicates	Replicates	pvalue cutoff
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.002	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.002	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.003	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.005	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.206
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.007	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.198
XP_624628|PREDICTED: similar to CG8206-PB, isoform B [Apis mellifera]	0.008	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.011	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.206
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.012	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.167
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.206
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.167
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.014	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.014	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.190
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.014	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.190
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.016	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.206
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.016	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.017	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.198
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.019	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.198
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.020	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.190
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.021	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.206
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.022	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
XP_392501|PREDICTED: similar to Muscle protein 20 CG4698-PA, isoform A [Apis mellifera]	0.022	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.023	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.175
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.023	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.024	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.026	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.027	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_623926|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.027	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.167
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.029	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.029	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.031	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.190
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.032	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.033	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.198
XP_001122757|PREDICTED: similar to yellow-e2 CG5174-PA [Apis mellifera]	0.034	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.035	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.041	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.190
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.044	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.051	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.167
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.052	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.198
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.056	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_001121105|PREDICTED: similar to T04C12.5, partial [Apis mellifera]	0.059	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_393090|PREDICTED: similar to protein kinase 3 CG4147-PA, isoform A [Apis mellifera]	0.065	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.078	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.082	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.085	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.092	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.198
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.111	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.112	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.198
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.126	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.127	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.132	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.175
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.138	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.167
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.154	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.164	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.164	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.214
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.169	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_392405|PREDICTED: similar to CG14207-PB, isoform B [Apis mellifera]	0.174	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.198	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.198	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.198	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.204	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.204	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.190
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.220	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.198
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.222	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_393771|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.226	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.235	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.206
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.261	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
NP_001011600|hexamerin 70b [Apis mellifera]	0.289	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.206
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.300	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.198
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.304	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.206
XP_395614|PREDICTED: similar to Glycoprotein 93 CG5520-PA isoform 1 [Apis mellifera]	0.323	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.354	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.359	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.198
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.374	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.415	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.206
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.436	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.175
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.464	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.206
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.519	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.527	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.175
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.536	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.206
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.559	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.559	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.586	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.167
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.603	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.608	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.658	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
NP_001011603|arginine kinase [Apis mellifera]	0.666	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.151
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.690	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_395426|PREDICTED: similar to CG17374-PA,3 isoform 1 [Apis mellifera]	0.722	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.206
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.733	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.198
XP_624201|PREDICTED: similar to yellow-h CG1629-PA, partial [Apis mellifera]	0.782	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
XP_625060|PREDICTED: similar to lethal (1) G0230 CG2968-PA [Apis mellifera]	0.810	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.810	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.874	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.904	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.932	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.167
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.937	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.972	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
NP_001011636|FABP-like protein [Apis mellifera]	0.972	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198

Protein description	KWpvalue	TOR-/(IRS-/TOR-) pvalue	U	sample 1 Rank sum	sample 2 Rank sum	Total Rank sum	sample 1 Replicates	sample 2 Replicates	pvalue cutoff
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.002	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.190
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.002	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.198
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.003	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.005	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.206
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.007	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.198
XP_624628|PREDICTED: similar to CG6206-PB, isoform B [Apis mellifera]	0.008	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.167
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.011	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.012	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.206
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.013	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.206
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.198
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.014	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.206
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.014	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.014	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.016	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.206
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.016	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.206
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.017	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.019	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.020	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.021	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.022	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_392501|PREDICTED: similar to Muscle protein 20 CG4696-PA, isoform A [Apis mellifera]	0.022	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.023	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.023	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.024	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.026	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.167
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.027	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.206
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_623826|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.206
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.027	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.029	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.029	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.031	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.032	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.033	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
XP_001122757|PREDICTED: similar to yellow-e2 CG17044-PA [Apis mellifera]	0.034	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.035	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.041	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.044	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.051	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.206
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.052	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.151
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.056	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_001121105|PREDICTED: similar to TOAC12.5, partial [Apis mellifera]	0.059	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_393090|PREDICTED: similar to Heat shock protein cognate 3 CG4147-PA, isoform A [Apis mellifera]	0.065	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.078	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.198
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.082	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.085	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.092	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.111	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.112	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.126	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.214
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.127	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.132	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.138	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.154	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.151
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.164	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.164	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.169	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.175
XP_392405|PREDICTED: similar to CG14207-PB, isoform B isoform 1 [Apis mellifera]	0.174	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.198	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.198	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.198	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.204	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.204	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.151
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.220	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.222	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_393371|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.226	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.235	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.261	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.206
NP_001011600|hexamerin 70b [Apis mellifera]	0.289	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.300	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.304	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
XP_395514|PREDICTED: similar to Glycoprotein 93 CG9520-PA isoform 1 [Apis mellifera]	0.323	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.159
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.354	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.359	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.374	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.415	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.436	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.464	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.519	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.527	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.536	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.559	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.214
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.559	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.206
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.586	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.603	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.608	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.658	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
NP_001011603|arginine kinase [Apis mellifera]	0.666	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.151
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.690	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.214
XP_395426|PREDICTED: similar to CG17374-PA 3 isoform 1 [Apis mellifera]	0.722	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.733	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_624201|PREDICTED: similar to yellow-h CG1628-PA, partial [Apis mellifera]	0.782	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_623160|PREDICTED: similar to lethal (1) 60230 CG4868-PA [Apis mellifera]	0.810	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.810	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.214
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.874	0.738	10.500	25.500	29.500	55.000	5.000	5.000	0.214
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.904	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.206
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.214
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.932	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.937	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.972	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
NP_001011636|FABP-like protein [Apis mellifera]	0.972	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190

Protein description	KWpvalue	TQR-/Control pvalue	U	sample 1 Rank sum	sample 2 Rank sum	Total Rank sum	sample 1 Replicates	sample 2 Replicates	pvalue cutoff
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.002	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.002	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.003	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.206
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.005	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.007	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
XP_624628|PREDICTED: similar to CG8206-PB, isoform B [Apis mellifera]	0.008	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.011	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.206
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.012	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.013	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.167
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.206
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.014	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.014	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.014	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.016	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.016	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.198
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.017	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.151
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.019	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.198
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.020	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.190
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.021	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.190
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.022	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_392501|PREDICTED: similar to Muscle protein 20 CG4698-PA, isoform A [Apis mellifera]	0.022	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.206
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.023	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.023	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.024	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.026	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.206
XP_623926|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.159
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.029	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.151
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.029	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.031	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.167
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.032	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.033	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.198
XP_001122757|PREDICTED: similar to yellow-e2 CG1578-PA [Apis mellifera]	0.034	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.167
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.035	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.214
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.041	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.190
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.044	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.190
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.051	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.052	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.190
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.056	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.206
XP_001121105|PREDICTED: similar to T04C12.5, partial [Apis mellifera]	0.059	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.190
XP_393090|PREDICTED: similar to Protein kinase 3 CG4147-PA, isoform A [Apis mellifera]	0.065	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.078	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.082	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.085	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.092	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.111	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.214
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.112	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.206
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.126	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.127	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.206
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.132	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.138	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.154	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.164	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.164	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.190
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.169	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.214
XP_392405|PREDICTED: similar to CG14207-PB, isoform B isoform 1 [Apis mellifera]	0.174	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.167
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.198	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.198	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.198	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.204	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.198
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.204	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.220	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.222	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_393371|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.226	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.206
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.235	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.261	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
NP_001011600|hexamerin 70b [Apis mellifera]	0.289	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.214
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.300	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.304	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.206
XP_395614|PREDICTED: similar to Glycoprotein 93 CG5520-PA isoform 1 [Apis mellifera]	0.323	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.198
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.354	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.359	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.374	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.415	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.167
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.436	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.464	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.190
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.519	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.527	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.198
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.536	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.559	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.559	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.206
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.586	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.603	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.608	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.159
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.658	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
NP_001011603|arginine kinase [Apis mellifera]	0.666	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.214
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.151
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.690	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_395426|PREDICTED: similar to CG17374-PA,3 isoform 1 [Apis mellifera]	0.722	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.733	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.190
XP_624201|PREDICTED: similar to yellow-h CG1629-PA, partial [Apis mellifera]	0.782	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.206
XP_625060|PREDICTED: similar to lethal (1) G0230 CG2968-PA [Apis mellifera]	0.810	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.167
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.810	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.190
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.874	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.904	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.206
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.912	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.198
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.932	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.167
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.937	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.972	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
NP_001011636|FABP-like protein [Apis mellifera]	0.972	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198

Protein description	KWpvalue	(IRS-/TOR-)/Control pvalue	U	sample 1 Rank sum	sample 2 Rank sum	Total Rank sum	sample 1 Replicates	sample 2 Replicates	pvalue cutoff
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.002	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.206
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.002	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.167
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.003	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.206
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.005	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.206
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.007	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
XP_624628|PREDICTED: similar to CG6206-PB, isoform B [Apis mellifera]	0.008	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.011	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.012	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.013	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.206
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.013	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.175
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.014	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.014	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.190
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.014	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.016	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.016	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.017	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.019	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.020	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.021	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.198
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.022	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.190
XP_392501|PREDICTED: similar to Muscle protein 20 CG4696-PA, isoform A [Apis mellifera]	0.022	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.023	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.190
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.023	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.206
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.024	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.026	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.206
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.214
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.214
XP_623826|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.027	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.206
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.029	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.029	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.167
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.031	0.008	25.000	40.000	15.000	55.000	5.000	5.000	0.198
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.032	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.198
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.033	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_001122757|PREDICTED: similar to yellow-e2 CG17044-PA [Apis mellifera]	0.034	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.190
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.035	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.206
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.041	0.016	1.000	16.000	39.000	55.000	5.000	5.000	0.206
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.044	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.051	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.052	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.190
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.056	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.151
XP_001121105|PREDICTED: similar to T04C12.5, partial [Apis mellifera]	0.059	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.206
XP_393090|PREDICTED: similar to Heat shock protein cognate 3 CG4147-PA, isoform A [Apis mellifera]	0.065	0.032	23.000	38.000	17.000	55.000	5.000	5.000	0.198
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.078	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.198
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.082	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.206
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.085	0.008	0.000	15.000	40.000	55.000	5.000	5.000	0.206
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.092	0.016	24.000	39.000	16.000	55.000	5.000	5.000	0.198
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.111	0.032	2.000	17.000	38.000	55.000	5.000	5.000	0.198
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.112	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.206
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.126	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.214
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.127	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.198
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.132	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.190
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.138	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.190
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.154	0.095	21.000	36.000	19.000	55.000	5.000	5.000	0.214
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.164	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.206
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.164	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.206
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.169	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.206
XP_392405|PREDICTED: similar to CG14207-PB, isoform B isoform 1 [Apis mellifera]	0.174	0.056	22.000	37.000	18.000	55.000	5.000	5.000	0.190
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.198	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.167
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.198	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.167
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.198	0.056	3.000	18.000	37.000	55.000	5.000	5.000	0.206
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.204	0.095	4.000	19.000	36.000	55.000	5.000	5.000	0.190
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.204	0.421	8.000	23.000	32.000	55.000	5.000	5.000	0.206
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.220	0.222	19.000	34.000	21.000	55.000	5.000	5.000	0.198
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.222	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_393371|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.226	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.198
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.235	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.206
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.261	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
NP_001011600|hexamerin 70b [Apis mellifera]	0.289	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.190
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.300	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.190
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.304	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.198
XP_395614|PREDICTED: similar to Glycoprotein 93 CG5520-PA isoform 1 [Apis mellifera]	0.323	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.206
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.354	0.151	20.000	35.000	20.000	55.000	5.000	5.000	0.198
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.359	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.374	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.415	0.222	6.000	21.000	34.000	55.000	5.000	5.000	0.190
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.436	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.198
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.464	0.310	7.000	22.000	33.000	55.000	5.000	5.000	0.190
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.519	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.527	0.151	5.000	20.000	35.000	55.000	5.000	5.000	0.190
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.536	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.151
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.559	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.206
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.559	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.586	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.603	0.310	18.000	33.000	22.000	55.000	5.000	5.000	0.206
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.608	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.151
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.658	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.190
NP_001011603|arginine kinase [Apis mellifera]	0.666	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.190
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.206
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.674	0.548	9.000	24.000	31.000	55.000	5.000	5.000	0.190
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.690	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.198
XP_395426|PREDICTED: similar to CG17374-PA,3 isoform 1 [Apis mellifera]	0.722	0.548	16.000	31.000	24.000	55.000	5.000	5.000	0.198
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.733	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.198
XP_624201|PREDICTED: similar to yellow-h CG1629-PA, partial [Apis mellifera]	0.782	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_625060|PREDICTED: similar to lethal (1) G0230 CG2968-PA [Apis mellifera]	0.810	0.421	17.000	32.000	23.000	55.000	5.000	5.000	0.198
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.810	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.198
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.874	0.841	14.000	29.000	26.000	55.000	5.000	5.000	0.151
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.904	1.000	13.000	28.000	27.000	55.000	5.000	5.000	0.206
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.198
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.214
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.912	0.841	11.000	26.000	29.000	55.000	5.000	5.000	0.190
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.932	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.937	0.690	10.000	25.000	30.000	55.000	5.000	5.000	0.190
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.972	1.000	12.000	27.000	28.000	55.000	5.000	5.000	0.206
NP_001011636|FABP-like protein [Apis mellifera]	0.972	0.690	15.000	30.000	25.000	55.000	5.000	5.000	0.190

Normalized spectral counts																				
Protein description	**irs**	**irs.1**	**irs.2**	**irs.3**	**irs.4**	**tor**	**tor.1**	**tor.2**	**tor.3**	**tor.4**	**double**	**double.1**	**double.2**	**double.3**	**double.4**	**gfp**	**gfp.1**	**gfp.2**	**gfp.3**	**gfp.4**
XP_623194|PREDICTED: similar to CG6180-PA isoform 2 [Apis mellifera]	0.001	0.003	0.005	0.008	0.006	0.004	0.003	0.002	0.001	0.001	0.008	0.004	0.008	0.008	0.005	0.000	0.000	0.000	0.001	0.000
XP_392060|PREDICTED: similar to CG6180-PA isoform 1 [Apis mellifera]	0.001	0.003	0.005	0.008	0.006	0.004	0.003	0.002	0.001	0.001	0.008	0.004	0.008	0.008	0.005	0.000	0.000	0.000	0.001	0.000
XP_001122907|PREDICTED: similar to Ccp84Ad CG2341-PA [Apis mellifera]	0.031	0.019	0.029	0.018	0.028	0.047	0.039	0.040	0.022	0.040	0.021	0.055	0.047	0.040	0.081	0.006	0.013	0.006	0.007	0.013
XP_624910|PREDICTED: similar to CG11267-PA [Apis mellifera]	0.011	0.007	0.013	0.006	0.010	0.013	0.008	0.010	0.011	0.018	0.020	0.012	0.014	0.018	0.018	0.006	0.006	0.004	0.009	0.007
XP_001121128|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.016	0.049	0.004	0.016	0.007	0.013	0.014	0.011	0.008	0.017	0.012	0.006	0.007	0.001	0.010	0.130	0.052	0.045	0.020	0.056
XP_624628|PREDICTED: similar to CG6206-PB, isoform B [Apis mellifera]	0.002	0.001	0.001	0.003	0.002	0.001	0.002	0.002	0.003	0.001	0.003	0.002	0.003	0.003	0.002	0.000	0.000	0.000	0.000	0.000
XP_393445|PREDICTED: similar to thioredoxin peroxidase 1 CG1633-PA, isoform A isoform 1 [Apis mellifera]	0.001	0.000	0.003	0.005	0.002	0.001	0.002	0.003	0.000	0.001	0.004	0.003	0.001	0.003	0.002	0.000	0.000	0.000	0.000	0.000
XP_001120186|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.003	0.002	0.007	0.004	0.004	0.002	0.003	0.003	0.001	0.002	0.003	0.003	0.003	0.001	0.004	0.001	0.002	0.000	0.001	0.001
XP_001122914|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.001	0.001	0.004	0.000	0.001	0.002	0.003	0.003	0.001	0.001	0.001	0.003	0.004	0.001	0.004	0.000	0.000	0.000	0.000	0.000
XP_624700|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.003	0.002	0.007	0.004	0.004	0.002	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.001	0.004	0.001	0.002	0.000	0.001	0.001
XP_001120934|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.003	0.002	0.007	0.004	0.004	0.002	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.001	0.004	0.001	0.002	0.000	0.001	0.001
XP_001120346|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.003	0.002	0.007	0.004	0.004	0.002	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.001	0.004	0.001	0.002	0.000	0.001	0.001
XP_001119899|PREDICTED: similar to CG31618-PA [Apis mellifera]	0.003	0.002	0.007	0.004	0.004	0.002	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.001	0.004	0.001	0.002	0.000	0.001	0.001
XP_395047|PREDICTED: similar to Phosphoglycerate kinase isoform 1 [Apis mellifera]	0.002	0.001	0.001	0.004	0.004	0.002	0.002	0.005	0.006	0.002	0.003	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.001	0.001
XP_001120262|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.001	0.005	0.001	0.002	0.001	0.001	0.002	0.001	0.000	0.000	0.002	0.002	0.001	0.003	0.000	0.006	0.002	0.009	0.003	0.003
XP_624041|PREDICTED: similar to Larval serum protein 2 CG6806-PA [Apis mellifera]	0.004	0.016	0.007	0.003	0.006	0.008	0.004	0.002	0.001	0.008	0.011	0.001	0.009	0.003	0.003	0.023	0.012	0.031	0.031	0.021
XP_392861|PREDICTED: similar to Ccp84Ag CG2342-PA [Apis mellifera]	0.036	0.016	0.048	0.003	0.049	0.032	0.047	0.088	0.007	0.022	0.009	0.050	0.027	0.026	0.092	0.001	0.006	0.001	0.002	0.001
XP_624806|PREDICTED: similar to CG7217-PB, isoform B [Apis mellifera]	0.004	0.002	0.007	0.004	0.003	0.003	0.002	0.003	0.002	0.002	0.005	0.003	0.001	0.005	0.003	0.000	0.000	0.001	0.000	0.002
XP_623342|PREDICTED: similar to Aldolase CG6058-PF, isoform F [Apis mellifera]	0.003	0.006	0.003	0.000	0.001	0.004	0.000	0.002	0.000	0.006	0.003	0.003	0.001	0.002	0.000	0.012	0.011	0.005	0.007	0.010
NP_001011580|major royal jelly protein 2 [Apis mellifera]	0.012	0.023	0.004	0.012	0.013	0.023	0.012	0.001	0.023	0.034	0.012	0.010	0.016	0.013	0.001	0.061	0.020	0.045	0.047	0.041
XP_392689|PREDICTED: similar to Calreticulin CG9429-PA isoform 1 [Apis mellifera]	0.001	0.004	0.000	0.001	0.001	0.000	0.003	0.000	0.001	0.004	0.000	0.003	0.001	0.000	0.002	0.005	0.004	0.005	0.010	0.003
NP_001011601|major royal jelly protein 3 [Apis mellifera]	0.074	0.034	0.025	0.033	0.016	0.043	0.026	0.002	0.018	0.045	0.014	0.020	0.031	0.024	0.002	0.061	0.034	0.068	0.078	0.073
XP_392478|PREDICTED: similar to mitochondrial malate dehydrogenase precursor isoform 1 [Apis mellifera]	0.002	0.004	0.003	0.007	0.004	0.004	0.006	0.009	0.007	0.005	0.006	0.005	0.004	0.007	0.003	0.002	0.001	0.000	0.003	0.004
XP_392501|PREDICTED: similar to Muscle protein 20 CG4696-PA, isoform A [Apis mellifera]	0.001	0.001	0.004	0.004	0.003	0.001	0.002	0.000	0.001	0.000	0.003	0.002	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.001
XP_001121013|PREDICTED: similar to HLA-B-associated transcript 3 [Apis mellifera]	0.003	0.000	0.005	0.000	0.003	0.000	0.001	0.000	0.001	0.002	0.002	0.002	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000
XP_392616|PREDICTED: similar to apontic CG5393-PB, isoform B [Apis mellifera]	0.001	0.002	0.003	0.001	0.001	0.003	0.003	0.001	0.002	0.004	0.003	0.002	0.004	0.001	0.002	0.001	0.001	0.000	0.001	0.000
XP_623199|PREDICTED: similar to Hsc70Cb CG6603-PA, isoform A isoform 1 [Apis mellifera]	0.002	0.000	0.000	0.002	0.001	0.002	0.003	0.002	0.001	0.002	0.003	0.002	0.004	0.002	0.002	0.001	0.000	0.001	0.002	0.001
XP_623487|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.009	0.019	0.007	0.007	0.005	0.005	0.005	0.007	0.005	0.007	0.006	0.007	0.009	0.006	0.002	0.016	0.014	0.016	0.009	0.010
XP_623736|PREDICTED: similar to Actin 88F CG5178-PA [Apis mellifera]	0.015	0.028	0.007	0.007	0.010	0.005	0.010	0.011	0.006	0.010	0.010	0.012	0.010	0.006	0.002	0.026	0.026	0.016	0.012	0.017
XP_623619|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.015	0.028	0.007	0.007	0.010	0.005	0.010	0.011	0.006	0.010	0.010	0.012	0.010	0.006	0.002	0.026	0.026	0.016	0.012	0.017
XP_623826|PREDICTED: similar to Actin-87E isoform 1 [Apis mellifera]	0.015	0.027	0.007	0.007	0.010	0.005	0.010	0.011	0.006	0.010	0.010	0.012	0.010	0.006	0.002	0.026	0.026	0.016	0.012	0.017
XP_623694|PREDICTED: similar to Actin-87E isoform 2 [Apis mellifera]	0.015	0.028	0.007	0.007	0.010	0.005	0.010	0.011	0.006	0.010	0.010	0.012	0.010	0.006	0.002	0.026	0.026	0.016	0.012	0.017
XP_623381|PREDICTED: similar to Actin-5C isoform 2 [Apis mellifera]	0.015	0.028	0.007	0.007	0.010	0.005	0.010	0.011	0.006	0.010	0.010	0.012	0.010	0.005	0.002	0.027	0.026	0.016	0.012	0.018
XP_393368|PREDICTED: similar to Actin-5C isoform 1 [Apis mellifera]	0.015	0.029	0.007	0.007	0.010	0.005	0.010	0.011	0.006	0.010	0.010	0.012	0.010	0.005	0.002	0.027	0.026	0.016	0.012	0.018
XP_397201|PREDICTED: similar to CG6459-PA [Apis mellifera]	0.004	0.002	0.003	0.005	0.003	0.007	0.006	0.004	0.002	0.005	0.003	0.003	0.007	0.007	0.004	0.003	0.001	0.002	0.002	0.002
XP_623282|PREDICTED: similar to ERp60 CG8983-PA, isoform A isoform 2 [Apis mellifera]	0.004	0.006	0.007	0.005	0.007	0.003	0.004	0.004	0.004	0.002	0.005	0.006	0.005	0.005	0.002	0.003	0.003	0.001	0.004	0.002
XP_392970|PREDICTED: similar to CG8798-PA, isoform A [Apis mellifera]	0.002	0.001	0.004	0.003	0.002	0.002	0.001	0.003	0.002	0.002	0.003	0.003	0.001	0.003	0.002	0.000	0.001	0.000	0.000	0.001
XP_001122757|PREDICTED: similar to yellow-e2 CG17044-PA [Apis mellifera]	0.067	0.023	0.017	0.025	0.009	0.032	0.023	0.001	0.013	0.034	0.010	0.014	0.021	0.016	0.002	0.052	0.021	0.057	0.070	0.070
XP_623130|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.004	0.002	0.003	0.006	0.007	0.001	0.007	0.008	0.006	0.000	0.007	0.004	0.004	0.005	0.001	0.000	0.001	0.001	0.000	0.000
XP_623084|PREDICTED: similar to Aldehyde dehydrogenase CG3752-PA isoform 1 [Apis mellifera]	0.001	0.005	0.000	0.002	0.001	0.001	0.001	0.003	0.003	0.005	0.003	0.002	0.003	0.004	0.001	0.011	0.004	0.003	0.010	0.011
XP_394038|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.009	0.010	0.007	0.012	0.007	0.007	0.010	0.007	0.019	0.012	0.023	0.009	0.009	0.008	0.012	0.004	0.007	0.003	0.004	0.009
XP_624156|PREDICTED: similar to ATP synthase- CG11154-PA, isoform A [Apis mellifera]	0.001	0.000	0.004	0.007	0.002	0.001	0.003	0.003	0.001	0.001	0.002	0.000	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001
XP_392933|PREDICTED: similar to heat shock protein 8 isoform 1 [Apis mellifera]	0.016	0.010	0.009	0.018	0.018	0.012	0.019	0.016	0.027	0.008	0.020	0.016	0.016	0.017	0.014	0.002	0.009	0.007	0.015	0.008
XP_625015|PREDICTED: similar to Actin-5C [Apis mellifera]	0.008	0.015	0.007	0.006	0.004	0.004	0.004	0.007	0.005	0.007	0.004	0.006	0.009	0.004	0.002	0.013	0.013	0.008	0.007	0.007
XP_001121105|PREDICTED: similar to T04C12.5, partial [Apis mellifera]	0.007	0.013	0.005	0.005	0.004	0.004	0.004	0.006	0.005	0.007	0.004	0.006	0.008	0.003	0.002	0.011	0.013	0.008	0.007	0.007
XP_393090|PREDICTED: similar to Heat shock protein cognate 3 CG4147-PA, isoform A [Apis mellifera]	0.040	0.017	0.035	0.015	0.014	0.018	0.026	0.015	0.016	0.005	0.020	0.015	0.017	0.015	0.010	0.008	0.009	0.010	0.015	0.008
XP_625004|PREDICTED: similar to CG15006-PA [Apis mellifera]	0.089	0.048	0.048	0.032	0.082	0.079	0.171	0.163	0.028	0.092	0.035	0.172	0.145	0.099	0.301	0.017	0.035	0.075	0.071	0.038
XP_623555|PREDICTED: similar to Nascent polypeptide associated complex protein alpha subunit CG8759-PB	0.001	0.002	0.001	0.008	0.001	0.005	0.001	0.001	0.003	0.002	0.000	0.002	0.001	0.002	0.002	0.003	0.006	0.005	0.004	0.004
XP_393575|PREDICTED: similar to Protein lethal(2)essential for life (Protein Efl21) isoform 1 [Apis mellifera]	0.002	0.003	0.000	0.002	0.003	0.001	0.001	0.007	0.001	0.002	0.001	0.002	0.001	0.001	0.002	0.007	0.002	0.006	0.006	0.003
XP_001122695|PREDICTED: similar to CG3884-PB, isoform B [Apis mellifera]	0.001	0.004	0.003	0.003	0.002	0.001	0.003	0.003	0.003	0.000	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.000	0.000	0.001
XP_396268|PREDICTED: similar to CG3523-PA [Apis mellifera]	0.000	0.001	0.001	0.005	0.001	0.000	0.003	0.001	0.003	0.000	0.000	0.001	0.000	0.003	0.000	0.003	0.003	0.001	0.003	0.001
XP_623046|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D [Apis mellifera]	0.006	0.007	0.005	0.008	0.008	0.010	0.010	0.007	0.007	0.006	0.008	0.005	0.005	0.008	0.008	0.009	0.009	0.009	0.008	0.010
XP_001121022|PREDICTED: similar to CG32446-PA [Apis mellifera]	0.002	0.001	0.007	0.004	0.002	0.002	0.002	0.002	0.003	0.000	0.003	0.002	0.003	0.004	0.000	0.000	0.002	0.001	0.001	0.001
XP_393334|PREDICTED: similar to Myosin heavy chain CG17927-PB, isoform B isoform 1 [Apis mellifera]	0.013	0.013	0.011	0.010	0.016	0.013	0.020	0.015	0.008	0.023	0.024	0.010	0.012	0.023	0.010	0.008	0.001	0.010	0.011	0.010
XP_393381|PREDICTED: similar to Cyclophilin 1 CG9916-PA [Apis mellifera]	0.002	0.002	0.005	0.006	0.006	0.004	0.006	0.003	0.001	0.002	0.004	0.002	0.005	0.005	0.003	0.002	0.001	0.004	0.002	0.001
NP_001014993|elongation factor 1-alpha [Apis mellifera]	0.006	0.005	0.007	0.008	0.007	0.005	0.014	0.007	0.007	0.002	0.010	0.003	0.004	0.007	0.003	0.004	0.002	0.002	0.006	0.003
XP_623323|PREDICTED: similar to zipper CG15792-PD, isoform D [Apis mellifera]	0.002	0.003	0.007	0.003	0.001	0.003	0.001	0.004	0.004	0.006	0.002	0.002	0.004	0.006	0.002	0.002	0.001	0.001	0.000	0.002
XP_394991|PREDICTED: similar to Tubulin alpha-6 chain (Alpha-tubulin 6)	0.003	0.003	0.004	0.006	0.003	0.007	0.002	0.002	0.009	0.002	0.006	0.003	0.004	0.003	0.001	0.000	0.002	0.001	0.003	0.003
XP_001120096|PREDICTED: similar to tubulin, alpha 1 [Apis mellifera]	0.002	0.001	0.004	0.005	0.002	0.005	0.001	0.002	0.008	0.002	0.005	0.002	0.004	0.002	0.001	0.000	0.001	0.001	0.002	0.002
XP_392125|PREDICTED: similar to Tropomyosin 1 CG4898-PD, isoform D isoform 1 [Apis mellifera]	0.009	0.013	0.007	0.011	0.010	0.011	0.013	0.010	0.008	0.007	0.011	0.007	0.010	0.011	0.008	0.019	0.015	0.019	0.008	0.013
XP_392405|PREDICTED: similar to CG14207-PB, isoform B isoform 1 [Apis mellifera]	0.004	0.002	0.001	0.006	0.008	0.008	0.004	0.008	0.007	0.004	0.007	0.003	0.005	0.006	0.010	0.001	0.004	0.004	0.003	0.002
XP_623939|PREDICTED: similar to heat shock protein 90-alpha isoform 2 [Apis mellifera]	0.005	0.006	0.008	0.005	0.004	0.007	0.005	0.002	0.003	0.006	0.005	0.003	0.003	0.008	0.003	0.003	0.004	0.003	0.004	0.002
XP_392456|PREDICTED: similar to heat shock protein 1, beta isoform 1 [Apis mellifera]	0.005	0.006	0.008	0.005	0.004	0.007	0.005	0.002	0.003	0.006	0.005	0.003	0.003	0.008	0.003	0.003	0.004	0.003	0.003	0.002
XP_624767|PREDICTED: hypothetical protein [Apis mellifera]	0.003	0.007	0.000	0.001	0.004	0.007	0.004	0.000	0.001	0.007	0.006	0.004	0.003	0.001	0.001	0.004	0.006	0.007	0.008	0.007
XP_623470|PREDICTED: similar to Tropomyosin 1 CG4898-PB, isoform B isoform 2 [Apis mellifera]	0.009	0.013	0.007	0.011	0.010	0.011	0.012	0.010	0.008	0.007	0.011	0.007	0.010	0.012	0.008	0.019	0.015	0.019	0.007	0.013
XP_001120220|PREDICTED: hypothetical protein [Apis mellifera]	0.002	0.002	0.003	0.002	0.001	0.004	0.001	0.001	0.003	0.004	0.004	0.003	0.003	0.001	0.005	0.008	0.003	0.003	0.006	0.002
XP_001120345|PREDICTED: similar to Tubulin alpha-3 chain (Alpha-tubulin 3), partial [Apis mellifera]	0.002	0.001	0.004	0.005	0.001	0.005	0.001	0.002	0.008	0.002	0.004	0.002	0.004	0.002	0.001	0.000	0.001	0.001	0.002	0.002
NP_001011628|translation elongation factor eEF-1 alpha chain [Apis mellifera]	0.004	0.002	0.005	0.004	0.002	0.002	0.011	0.002	0.003	0.000	0.003	0.001	0.001	0.005	0.001	0.002	0.001	0.001	0.003	0.001
XP_393371|PREDICTED: similar to Myosin regulatory light chain 2 (MLC-2) [Apis mellifera]	0.004	0.002	0.005	0.001	0.003	0.003	0.004	0.008	0.003	0.006	0.005	0.003	0.004	0.004	0.001	0.003	0.008	0.001	0.001	0.001
XP_001121168|PREDICTED: similar to CG32405-PA [Apis mellifera]	0.003	0.006	0.000	0.001	0.003	0.002	0.003	0.004	0.000	0.007	0.002	0.002	0.000	0.000	0.000	0.005	0.009	0.001	0.000	0.004
XP_392929|PREDICTED: similar to kinectin 1 [Apis mellifera]	0.001	0.001	0.005	0.003	0.003	0.003	0.004	0.003	0.006	0.001	0.005	0.002	0.000	0.003	0.000	0.001	0.003	0.000	0.001	0.002
NP_001011600|hexamerin 70b [Apis mellifera]	0.001	0.003	0.005	0.005	0.005	0.007	0.005	0.013	0.005	0.005	0.008	0.003	0.008	0.003	0.001	0.003	0.011	0.001	0.002	0.001
XP_624361|PREDICTED: similar to Peroxiredoxin 2540 CG11765-PA [Apis mellifera]	0.002	0.002	0.003	0.004	0.002	0.003	0.004	0.004	0.001	0.000	0.001	0.001	0.001	0.004	0.002	0.002	0.000	0.001	0.003	0.001
XP_395577|PREDICTED: similar to Dodeca-satellite-binding protein 1 CG5170-PC, isoform C [Apis mellifera]	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.000	0.003	0.004	0.003	0.004	0.004	0.002	0.002	0.001	0.004	0.000	0.000	0.001
XP_395614|PREDICTED: similar to Glycoprotein 93 CG5520-PA isoform 1 [Apis mellifera]	0.002	0.006	0.001	0.002	0.003	0.005	0.003	0.000	0.000	0.001	0.001	0.002	0.003	0.001	0.004	0.003	0.008	0.001	0.003	0.005
XP_392313|PREDICTED: similar to -Tubulin at 56D CG9277-PB, isoform B [Apis mellifera]	0.011	0.014	0.011	0.017	0.012	0.011	0.014	0.010	0.027	0.019	0.031	0.015	0.016	0.012	0.020	0.007	0.011	0.029	0.013	0.011
NP_001014429|major royal jelly protein 7 [Apis mellifera]	0.000	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.002	0.001	0.000	0.002	0.000	0.001	0.000	0.003	0.000	0.004	0.001	0.002
XP_391961|PREDICTED: similar to Tropomyosin 2 CG4843-PB, isoform B [Apis mellifera]	0.005	0.005	0.005	0.011	0.007	0.011	0.007	0.008	0.010	0.008	0.011	0.005	0.013	0.010	0.006	0.018	0.007	0.008	0.007	0.012
XP_623393|PREDICTED: similar to Tropomyosin 1 CG4898-PL, isoform L [Apis mellifera]	0.006	0.007	0.007	0.007	0.008	0.010	0.009	0.008	0.007	0.006	0.007	0.005	0.005	0.007	0.010	0.008	0.007	0.010	0.008	0.010
XP_001122917|PREDICTED: hypothetical protein [Apis mellifera]	0.006	0.004	0.004	0.006	0.006	0.009	0.007	0.006	0.006	0.013	0.005	0.011	0.009	0.005	0.006	0.002	0.004	0.007	0.026	0.006
XP_392147|PREDICTED: similar to Heat shock protein cognate 5 CG8542-PA [Apis mellifera]	0.004	0.006	0.005	0.018	0.002	0.004	0.010	0.012	0.007	0.002	0.004	0.004	0.005	0.005	0.002	0.005	0.000	0.005	0.006	0.005
XP_623298|PREDICTED: similar to Tropomyosin 1 CG4898-PA, isoform A [Apis mellifera]	0.006	0.006	0.007	0.007	0.008	0.010	0.009	0.008	0.007	0.006	0.007	0.005	0.005	0.008	0.010	0.007	0.007	0.010	0.007	0.010
NP_001035313|odorant binding protein 14 [Apis mellifera]	0.004	0.006	0.003	0.003	0.004	0.003	0.002	0.003	0.005	0.008	0.003	0.004	0.005	0.003	0.002	0.003	0.003	0.006	0.015	0.004
XP_001120471|PREDICTED: similar to 3-hydroxyacyl-CoA dehydrogenase type-2	0.009	0.010	0.013	0.012	0.010	0.016	0.007	0.010	0.007	0.016	0.009	0.008	0.017	0.017	0.008	0.008	0.020	0.005	0.003	0.009
XP_623083|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 1 [Apis mellifera]	0.003	0.003	0.008	0.004	0.006	0.003	0.004	0.002	0.006	0.010	0.003	0.005	0.001	0.006	0.000	0.004	0.003	0.003	0.003	0.004
XP_623155|PREDICTED: similar to ATP citrate lyase CG8322-PA, isoform A isoform 2 [Apis mellifera]	0.003	0.003	0.008	0.004	0.006	0.003	0.004	0.002	0.006	0.010	0.003	0.005	0.001	0.006	0.000	0.004	0.003	0.003	0.003	0.004
XP_624781|PREDICTED: similar to 60S acidic ribosomal protein P1 (RP21C)	0.002	0.002	0.001	0.004	0.001	0.001	0.003	0.004	0.003	0.004	0.003	0.003	0.004	0.001	0.002	0.001	0.001	0.001	0.003	0.004
XP_392913|PREDICTED: similar to Superoxide dismutase CG11793-PA isoform 1 [Apis mellifera]	0.004	0.005	0.007	0.006	0.007	0.004	0.005	0.008	0.008	0.001	0.008	0.004	0.004	0.006	0.006	0.003	0.007	0.002	0.006	0.002
XP_394469|PREDICTED: similar to -Tubulin at 60D CG3401-PA [Apis mellifera]	0.004	0.009	0.001	0.007	0.006	0.005	0.007	0.006	0.008	0.010	0.009	0.007	0.005	0.005	0.007	0.004	0.003	0.014	0.004	0.007
XP_396338|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.004	0.007	0.004	0.009	0.005	0.009	0.004	0.005	0.010	0.002	0.006	0.003	0.008	0.005	0.001	0.002	0.007	0.003	0.006	0.004
NP_001011603|arginine kinase [Apis mellifera]	0.001	0.001	0.000	0.002	0.001	0.003	0.001	0.003	0.003	0.000	0.002	0.002	0.003	0.004	0.000	0.000	0.000	0.005	0.002	0.003
XP_623220|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.006	0.010	0.005	0.012	0.007	0.011	0.005	0.006	0.014	0.005	0.007	0.005	0.009	0.006	0.002	0.003	0.010	0.005	0.012	0.006
XP_391936|PREDICTED: similar to Tubulin alpha-1 chain [Apis mellifera]	0.006	0.010	0.005	0.012	0.007	0.011	0.005	0.006	0.014	0.005	0.007	0.005	0.009	0.006	0.002	0.003	0.010	0.005	0.012	0.006
XP_395299|PREDICTED: similar to Translationally controlled tumor protein CG4800-PA isoform 1 [Apis mellifera]	0.002	0.001	0.003	0.002	0.004	0.005	0.003	0.003	0.002	0.004	0.001	0.003	0.003	0.004	0.002	0.000	0.002	0.010	0.007	0.004
XP_395426|PREDICTED: similar to CG17374-PA.3 isoform 1 [Apis mellifera]	0.001	0.003	0.005	0.012	0.003	0.002	0.003	0.003	0.007	0.002	0.010	0.003	0.005	0.005	0.002	0.003	0.006	0.000	0.004	0.004
XP_394061|PREDICTED: similar to Ornithine aminotransferase precursor CG8782-PA [Apis mellifera]	0.003	0.003	0.001	0.005	0.001	0.002	0.004	0.001	0.002	0.005	0.002	0.003	0.004	0.007	0.000	0.003	0.003	0.004	0.003	0.004
XP_624201|PREDICTED: similar to yellow-h CG1629-PA, partial [Apis mellifera]	0.004	0.004	0.032	0.012	0.028	0.010	0.004	0.001	0.065	0.010	0.010	0.022	0.004	0.033	0.002	0.007	0.021	0.018	0.011	0.017
XP_625060|PREDICTED: similar to lethal (1) G0230 CG2968-PA [Apis mellifera]	0.003	0.004	0.009	0.013	0.004	0.013	0.002	0.006	0.004	0.004	0.003	0.003	0.007	0.008	0.010	0.000	0.001	0.006	0.009	0.005
XP_625056|PREDICTED: similar to Enolase CG17654-PA, isoform A, partial [Apis mellifera]	0.001	0.002	0.003	0.004	0.004	0.002	0.002	0.004	0.007	0.002	0.003	0.003	0.005	0.006	0.001	0.002	0.001	0.001	0.006	0.004
XP_394471|PREDICTED: similar to tubulin, beta, 2 [Apis mellifera]	0.006	0.010	0.008	0.010	0.008	0.008	0.009	0.006	0.011	0.012	0.013	0.008	0.010	0.007	0.012	0.005	0.007	0.028	0.012	0.010
NP_001011579|major royal jelly protein 1 [Apis mellifera]	0.009	0.017	0.040	0.025	0.038	0.021	0.013	0.001	0.086	0.021	0.024	0.032	0.010	0.047	0.003	0.018	0.031	0.023	0.015	0.024
XP_623594|PREDICTED: similar to Myosin-2 essential light chain	0.001	0.001	0.005	0.003	0.002	0.002	0.002	0.001	0.005	0.005	0.003	0.002	0.003	0.001	0.001	0.000	0.002	0.002	0.003	0.003
XP_623671|PREDICTED: similar to Myosin-2 essential light chain	0.001	0.001	0.005	0.003	0.002	0.002	0.002	0.001	0.005	0.005	0.003	0.002	0.003	0.001	0.001	0.000	0.002	0.002	0.003	0.003
XP_623633|PREDICTED: similar to Myosin-2 essential light chain	0.001	0.001	0.005	0.003	0.002	0.002	0.002	0.001	0.005	0.005	0.003	0.002	0.003	0.001	0.001	0.000	0.002	0.002	0.003	0.003
XP_623547|PREDICTED: similar to Myosin-2 essential light chain	0.001	0.001	0.005	0.003	0.002	0.002	0.002	0.001	0.005	0.005	0.003	0.002	0.003	0.001	0.001	0.000	0.002	0.002	0.003	0.003
XP_623504|PREDICTED: similar to Myosin-2 essential light chain	0.001	0.001	0.005	0.003	0.002	0.002	0.002	0.001	0.005	0.005	0.003	0.002	0.003	0.001	0.001	0.000	0.002	0.002	0.003	0.003
XP_001122443|PREDICTED: hypothetical protein [Apis mellifera]	0.002	0.005	0.009	0.004	0.004	0.005	0.004	0.005	0.007	0.005	0.007	0.008	0.004	0.003	0.005	0.003	0.006	0.006	0.006	0.003
XP_394745|PREDICTED: similar to CG8498-PA [Apis mellifera]	0.003	0.006	0.004	0.007	0.004	0.007	0.004	0.007	0.007	0.004	0.010	0.004	0.003	0.004	0.007	0.002	0.008	0.004	0.005	0.010
XP_392899|PREDICTED: similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60)	0.044	0.018	0.052	0.081	0.018	0.032	0.023	0.041	0.021	0.023	0.024	0.020	0.037	0.050	0.018	0.019	0.020	0.024	0.035	0.049
NP_001011636|FABP-like protein [Apis mellifera]	0.005	0.002	0.000	0.012	0.004	0.004	0.007	0.005	0.002	0.001	0.003	0.002	0.005	0.003	0.010	0.003	0.002	0.007	0.003	0.002