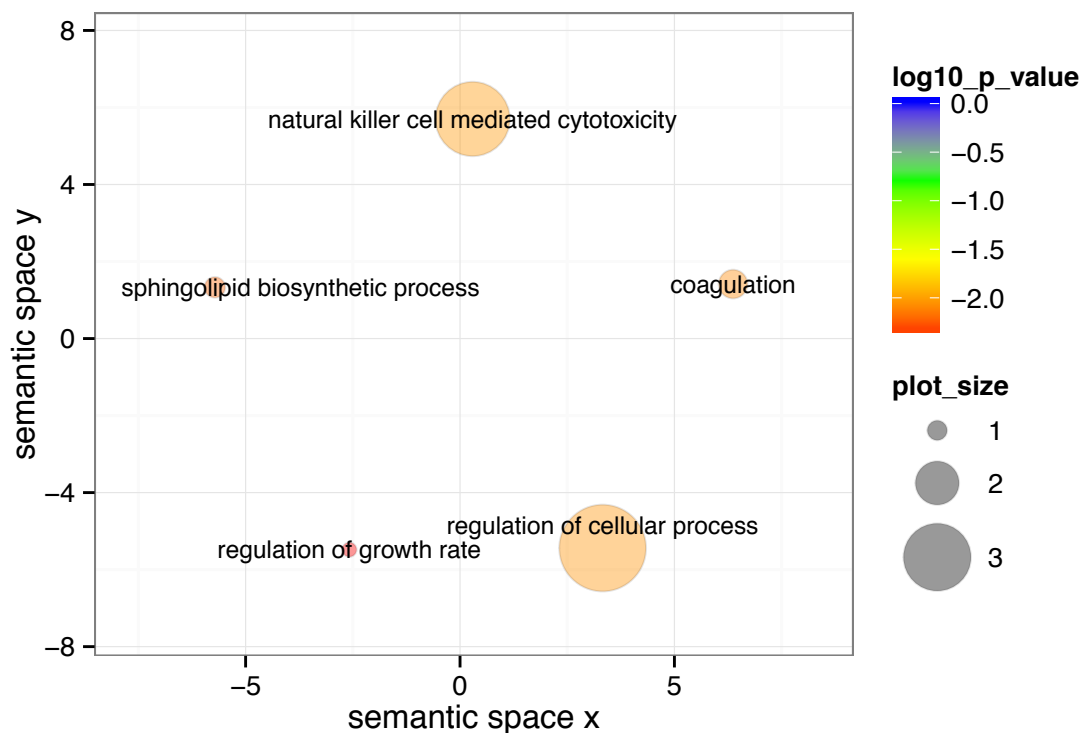


Supplementary Data

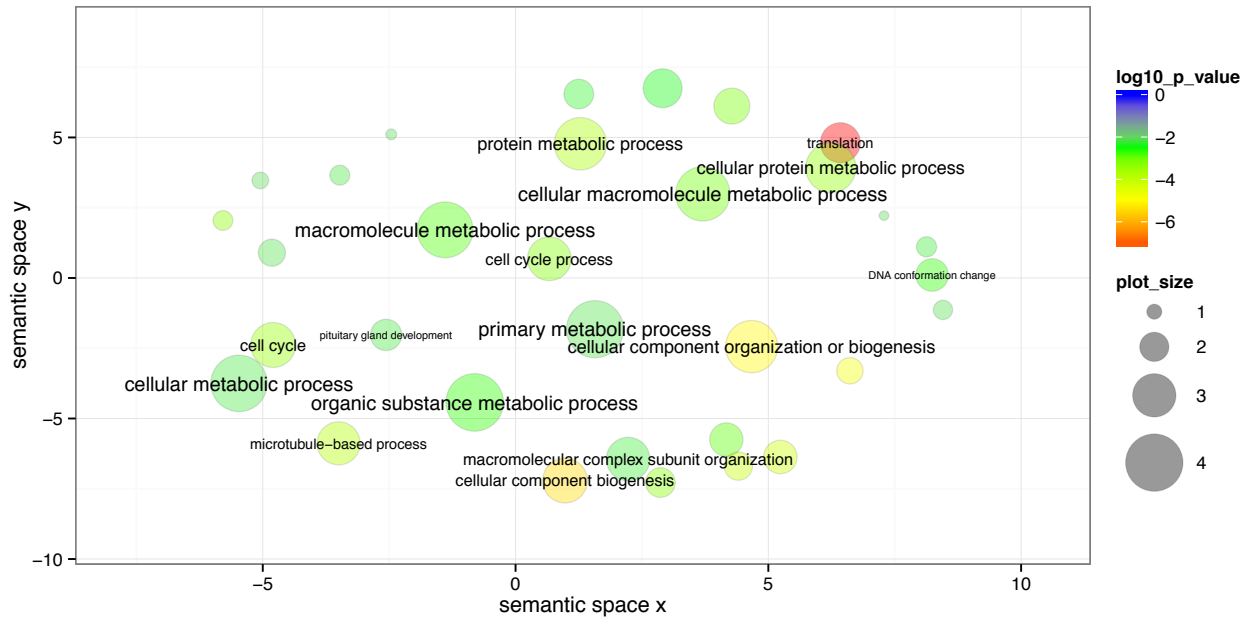
Gene Ontology enrichment analysis

Gene Ontology (GO) functional annotation terms for all *Cardiocondyla obscurior* protein-coding genes have been published (Schrader et al. 2014) and can be downloaded from antgenomes.org. We used topGO (Alexa et al. 2006) to test for enrichment of GO terms (in the domain Biological Process) in the caste-biased gene sets using Fisher's exact test and the Parent-Child-algorithm (Grossmann et al. 2007) and considered GO terms to be significantly enriched at $p < 0.01$. We did not correct for multiple testing as the GO enrichment analysis was preliminarily performed for hypothesis generation. Visualization and summarization of the results was done with REVIGO (Supek et al. 2011). We retrieved five (WM), 39 (WO), 32 (QU) and 93 (EM) significantly enriched GO terms for the different gene sets (Supplementary Figures 1-4).



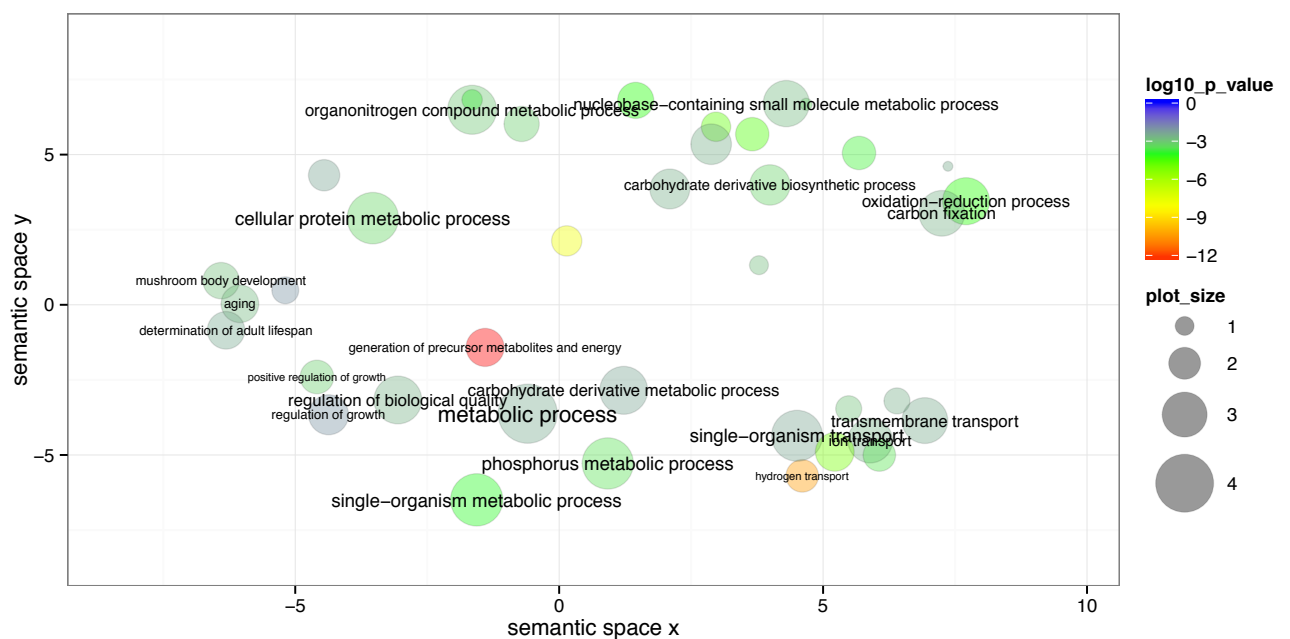
Supplementary Figure 1: GO enrichment analysis on the WM-biased gene set.

The scatter plot shows GO terms in a two-dimensional semantic space after reducing redundancy with REVIGO. Circle sizes are relative to the frequency of GO terms in the data.



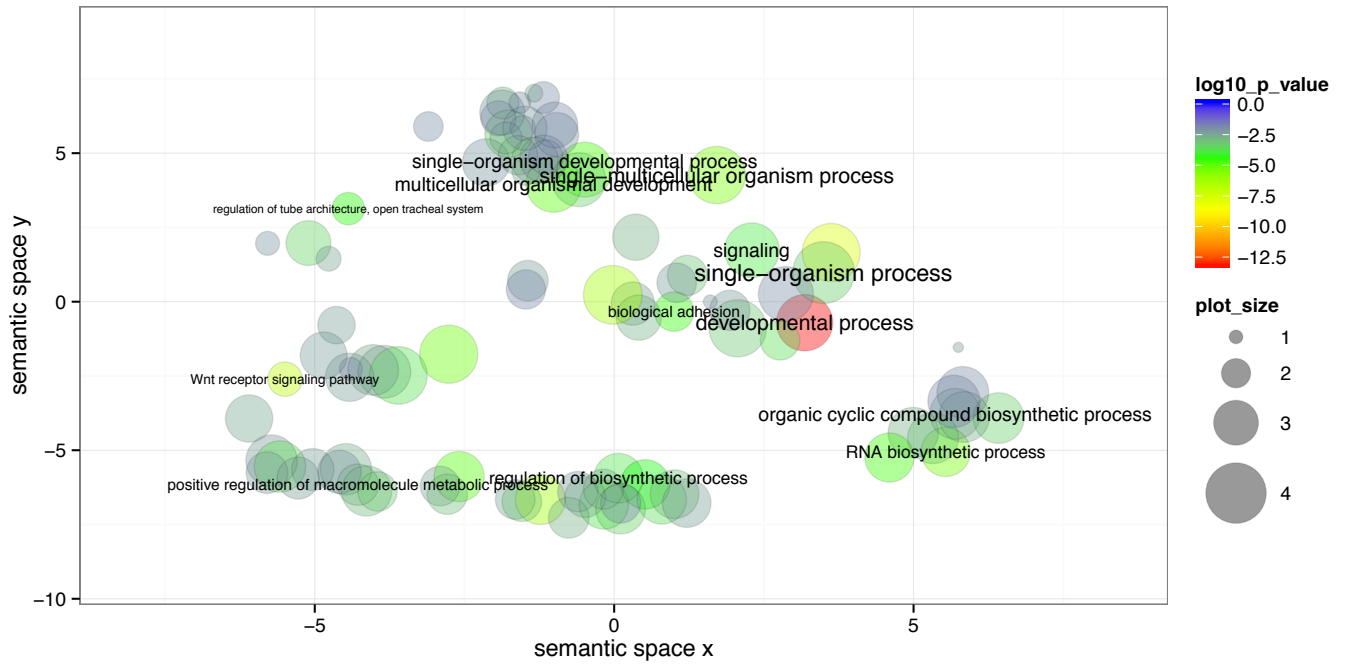
Supplementary Figure 2: GO enrichment analysis on the QU-biased gene set.

The scatter plot shows GO terms in a two-dimensional semantic space after reducing redundancy with REVIGO. Circle sizes are relative to the frequency of GO terms in the data.



Supplementary Figure 3: GO enrichment analysis on the WO-biased gene set.

The scatter plot shows GO terms in a two-dimensional semantic space after reducing redundancy with REVIGO. Circle sizes are relative to the frequency of GO terms in the data.



Supplementary Figure 4: GO enrichment analysis on the EM-biased gene set.

The scatter plot shows GO terms in a two-dimensional semantic space after reducing redundancy with REVIGO. Circle sizes are relative to the frequency of GO terms in the data.

Supplementary Table S1: List of genes that are either significantly up- or downregulated in QU compared to all three other phenotypes.

The binary flag Orthology is set to 1, if orthology was confirmed in reciprocal blasts. The columns EM, QU, WM, and WO give the mean expression as assessed by limma. The last six columns give FDR values for pairwise comparisons, also produced with limma.

FB gene symbol	FB gene ID	FB protein ID	C.obs ID	Orthol.	EM	QU	WM	WO	EM vs WM	EM vs WO	EM vs QU	QU vs WO	QU vs WM	WO vs WM
<i>Ac78C</i>	FBgn0024150	FBpp0290915	Cobs_00021	1	2.16	3.63	1.28	2.28	1.62E-01	7.81E-01	1.11E-03	3.60E-03	3.57E-05	1.06E-01
<i>CG5880</i>	FBgn0039489	FBpp0084478	Cobs_00037	1	4.47	5.11	4.58	4.64	7.41E-01	5.27E-01	8.63E-03	5.00E-02	1.87E-02	8.47E-01
<i>Ing3</i>	FBgn0030945	FBpp0074385	Cobs_00038	1	5.23	5.75	5.12	5.20	7.04E-01	8.86E-01	2.06E-02	1.27E-02	4.72E-03	8.63E-01
-	-	FBpp0291979	Cobs_00043	0	1.34	2.04	1.02	0.76	4.47E-01	1.53E-01	4.17E-02	1.43E-03	3.67E-03	6.45E-01
<i>CG34280</i>	FBgn0085309	FBpp0111390	Cobs_00098	0	4.25	4.92	3.90	3.78	3.10E-01	1.74E-01	3.51E-02	1.32E-03	1.50E-03	8.54E-01
<i>Rpn1</i>	FBgn0028695	FBpp0074662	Cobs_00121	1	7.93	7.23	8.03	8.10	7.97E-01	6.06E-01	2.14E-02	4.41E-03	7.39E-03	8.74E-01
<i>PGRP-SA</i>	FBgn0030310	FBpp0073358	Cobs_00125	1	5.10	6.56	5.40	4.03	7.56E-01	1.07E-01	1.87E-02	4.61E-04	3.79E-02	7.60E-02
<i>thoc6</i>	FBgn0036263	FBpp0075751	Cobs_00236	1	4.43	3.50	4.46	4.55	9.02E-01	7.11E-01	2.30E-03	8.80E-04	1.21E-03	8.57E-01
<i>su(w[a])</i>	FBgn0003638	FBpp0070171	Cobs_00240	1	6.57	6.95	6.52	6.43	7.93E-01	3.27E-01	8.52E-03	5.98E-04	2.81E-03	6.01E-01
<i>sofe</i>	FBgn0030242	FBpp0073265	Cobs_00342	1	6.39	5.08	6.30	5.70	7.41E-01	4.62E-03	8.90E-06	1.35E-02	2.50E-05	2.92E-02
<i>CG8173</i>	FBgn0030864	FBpp0074249	Cobs_00377	1	5.22	3.76	5.00	4.38	4.03E-01	1.20E-03	6.35E-06	2.64E-02	4.49E-05	2.78E-02
<i>CG4281</i>	FBgn0025626	FBpp0070325	Cobs_00390	1	5.11	5.77	5.15	5.31	8.96E-01	3.52E-01	3.22E-03	3.90E-02	3.91E-03	5.24E-01
<i>RpS29</i>	FBgn0261599	FBpp0081614	Cobs_00449	1	9.54	10.47	10.08	10.05	1.82E-03	9.71E-04	1.27E-06	5.98E-03	8.25E-03	9.20E-01
<i>p</i>	FBgn0086679	FBpp0081373	Cobs_00634	1	5.51	6.18	5.68	5.65	4.08E-01	4.70E-01	5.12E-04	4.41E-03	4.76E-03	9.34E-01
<i>RpS11</i>	FBgn0033699	FBpp0087115	Cobs_00638	1	9.35	10.25	9.48	9.68	6.62E-01	1.92E-01	1.14E-03	3.32E-02	4.02E-03	5.38E-01
<i>Rpn5</i>	FBgn0028690	FBpp0078278	Cobs_00663	1	5.75	5.15	6.03	6.19	3.11E-01	8.24E-02	2.56E-02	3.15E-04	1.13E-03	6.56E-01
<i>Dscam2</i>	FBgn0265296	FBpp0288824	Cobs_00691	1	4.33	4.98	4.15	4.35	5.81E-01	9.47E-01	3.32E-02	4.21E-02	4.76E-03	5.70E-01
<i>Rpb12</i>	FBgn0262954	FBpp0111294	Cobs_00784	1	2.93	2.26	3.26	3.25	2.13E-01	2.34E-01	2.40E-02	1.36E-03	6.70E-04	9.52E-01
<i>Ercc1</i>	FBgn0028434	FBpp0086578	Cobs_00869	1	4.71	5.55	4.78	4.97	8.21E-01	2.66E-01	3.85E-04	8.83E-03	6.82E-04	4.88E-01
<i>Rab3-GEF</i>	FBgn0030613	FBpp0298037	Cobs_00880	1	5.81	6.63	5.84	6.12	9.15E-01	1.39E-01	2.97E-04	1.54E-02	3.83E-04	2.44E-01
<i>shg</i>	FBgn0003391	FBpp0071475	Cobs_00906	1	7.25	6.61	6.90	6.90	2.62E-02	1.38E-02	6.75E-05	4.43E-02	3.90E-02	9.95E-01
<i>zfh2</i>	FBgn0004607	FBpp0297996	Cobs_00923	0	6.20	4.62	6.65	6.20	3.03E-01	9.86E-01	4.73E-04	5.09E-04	3.05E-05	3.44E-01
<i>Sik2</i>	FBgn0025625	FBpp0070326	Cobs_00973	1	6.60	7.06	6.07	6.55	2.16E-02	8.43E-01	2.56E-02	1.29E-02	3.47E-05	4.24E-02
<i>Fit1</i>	FBgn0035498	FBpp0073066	Cobs_00979	0	6.28	6.57	6.23	6.10	7.43E-01	1.33E-01	2.00E-02	4.11E-04	5.35E-03	3.55E-01

<i>Aats-glupro</i>	FBgn0005674	FBpp0083898	Cobs_00984	1	7.16	6.61	7.08	7.27	7.86E-01	6.89E-01	2.16E-02	6.01E-03	4.26E-02	5.13E-01
<i>prtp</i>	FBgn0030329	FBpp0292398	Cobs_01042	1	5.40	4.81	5.59	5.28	3.66E-01	5.62E-01	3.93E-03	2.08E-02	2.34E-04	1.41E-01
<i>Hel25E</i>	FBgn0014189	FBpp0078756	Cobs_01047	1	7.10	6.54	7.27	7.46	5.88E-01	1.64E-01	2.64E-02	7.12E-04	4.11E-03	5.56E-01
<i>mad2</i>	FBgn0035640	FBpp0076819	Cobs_01100	1	3.83	3.12	3.68	3.61	5.34E-01	3.29E-01	3.46E-03	4.66E-02	1.59E-02	8.32E-01
<i>Nopp140</i>	FBgn0037137	FBpp0089003	Cobs_01163	1	8.86	8.12	9.04	8.82	6.93E-01	9.36E-01	4.05E-02	4.80E-02	9.84E-03	6.60E-01
<i>RpS10b</i>	FBgn0261593	FBpp0300512	Cobs_01168	0	4.84	5.85	5.23	5.29	2.15E-01	1.30E-01	6.17E-04	3.17E-02	1.62E-02	9.12E-01
<i>Unc-76</i>	FBgn0040395	FBpp0070361	Cobs_01214	1	6.56	7.21	6.31	6.55	1.86E-01	9.68E-01	5.91E-04	5.65E-04	1.62E-05	2.31E-01
<i>CG11985</i>	FBgn0040534	FBpp0081484	Cobs_01225	1	3.67	3.07	3.61	3.79	8.75E-01	6.71E-01	2.63E-02	8.28E-03	3.44E-02	5.83E-01
NA	NA	No hits found	Cobs_01226	0	0.58	1.54	0.66	0.12	9.57E-01	3.14E-01	2.18E-02	1.64E-03	1.93E-02	3.36E-01
<i>RpL18</i>	FBgn0035753	FBpp0076602	Cobs_01232	1	10.65	11.60	10.63	10.87	9.70E-01	3.09E-01	6.75E-05	1.35E-03	6.97E-05	3.50E-01
<i>IA-2</i>	FBgn0031294	FBpp0290631	Cobs_01234	1	5.23	5.97	5.26	5.47	9.55E-01	2.81E-01	1.01E-03	1.82E-02	9.74E-04	3.83E-01
<i>Sik3</i>	FBgn0262103	FBpp0292993	Cobs_01244	0	4.22	3.31	4.33	3.82	7.06E-01	6.80E-02	2.39E-04	2.84E-02	6.87E-05	4.14E-02
NA	NA	No hits found	Cobs_01246	0	4.52	4.99	3.99	4.44	5.24E-02	8.87E-01	4.23E-02	2.74E-02	1.70E-04	9.66E-02
NA	NA	No hits found	Cobs_01267	0	0.97	1.82	1.08	0.85	7.67E-01	8.90E-01	2.60E-02	1.83E-02	4.90E-02	6.89E-01
<i>CG14762</i>	FBgn0033250	FBpp0293292	Cobs_01278	1	6.61	7.85	6.89	7.06	4.87E-01	2.14E-01	1.08E-03	2.70E-02	7.32E-03	7.48E-01
<i>CG12325</i>	FBgn0033557	FBpp0087322	Cobs_01296	1	5.51	4.87	5.60	5.44	7.60E-01	7.90E-01	1.82E-02	3.96E-02	5.25E-03	5.80E-01
<i>morgue</i>	FBgn0027609	FBpp0077147	Cobs_01297	1	5.24	5.93	5.33	5.37	6.85E-01	5.18E-01	3.46E-04	2.67E-03	1.07E-03	8.87E-01
<i>CG7509</i>	FBgn0035575	FBpp0073218	Cobs_01322	0	0.39	1.45	0.23	0.15	8.69E-01	7.38E-01	3.63E-02	1.35E-02	1.68E-02	9.11E-01
<i>Timp</i>	FBgn0025879	FBpp0081722	Cobs_01323	1	3.45	4.18	3.58	3.32	6.98E-01	8.44E-01	8.61E-03	5.62E-03	2.10E-02	5.81E-01
<i>CG32809</i>	FBgn0023531	FBpp0300641	Cobs_01367	1	5.25	5.71	5.26	5.23	9.65E-01	9.87E-01	3.26E-02	3.00E-02	3.03E-02	9.60E-01
<i>CG14619</i>	FBgn0031187	FBpp0077042	Cobs_01379	1	7.49	7.82	7.31	7.30	1.78E-01	1.06E-01	7.59E-03	1.18E-04	1.45E-04	9.31E-01
<i>dsx</i>	FBgn0000504	FBpp0081256	Cobs_01393	0	4.24	1.22	3.43	2.53	2.59E-02	8.96E-05	1.32E-06	1.64E-02	8.16E-05	4.84E-02
<i>CG17807</i>	FBgn0034748	FBpp0071849	Cobs_01394	0	4.33	1.41	2.70	2.86	6.95E-04	8.69E-04	6.35E-06	1.34E-02	1.97E-02	8.45E-01
<i>CG4662</i>	FBgn0038735	FBpp0083224	Cobs_01462	1	4.82	5.28	4.89	4.50	8.81E-01	1.09E-01	3.05E-02	5.69E-04	3.91E-02	1.07E-01
<i>Cap-G</i>	FBgn0259876	FBpp0290540	Cobs_01472	1	4.45	3.40	4.20	3.92	2.55E-01	1.10E-02	2.90E-05	2.30E-02	5.75E-04	2.47E-01
<i>CG10249</i>	FBgn0027596	FBpp0292770	Cobs_01495	1	7.28	7.72	7.18	7.16	6.93E-01	6.21E-01	4.42E-02	1.03E-02	1.09E-02	9.63E-01
-	-	FBpp0289893	Cobs_01504	1	8.20	7.17	8.07	7.53	4.99E-01	2.12E-04	1.32E-06	2.88E-02	9.30E-06	5.48E-03
<i>dUTPase</i>	FBgn0250837	FBpp0079745	Cobs_01527	0	2.84	1.10	2.81	2.71	9.63E-01	8.61E-01	1.51E-03	3.04E-03	1.36E-03	9.21E-01
<i>CG17271</i>	FBgn0038829	FBpp0083397	Cobs_01549	0	2.37	3.01	2.23	2.20	6.27E-01	6.14E-01	2.14E-02	5.91E-03	3.44E-03	9.93E-01

<i>CG6723</i>	FBgn0037895	FBpp0081881	Cobs_01583	0	6.01	4.24	6.50	5.92	3.79E-01	8.68E-01	2.20E-03	3.85E-03	1.78E-04	3.08E-01
<i>lat</i>	FBgn0005654	FBpp0086881	Cobs_01587	1	4.64	4.10	4.66	4.66	9.57E-01	9.67E-01	2.96E-02	2.55E-02	1.91E-02	9.93E-01
<i>Rheb</i>	FBgn0041191	FBpp0078343	Cobs_01616	1	6.44	7.23	6.66	6.55	4.90E-01	7.25E-01	5.53E-03	1.55E-02	3.52E-02	7.99E-01
-	-	FBpp0087143	Cobs_01649	0	12.21	12.84	12.41	12.41	3.60E-01	3.19E-01	2.43E-03	3.31E-02	3.06E-02	9.99E-01
<i>RPA2</i>	FBgn0032906	FBpp0080967	Cobs_01658	1	5.44	4.82	5.61	5.72	5.42E-01	3.00E-01	2.52E-02	1.68E-03	3.21E-03	8.02E-01
<i>His2Av</i>	FBgn0001197	FBpp0084434	Cobs_01771	1	6.31	5.60	6.13	6.27	5.61E-01	8.99E-01	1.13E-02	1.62E-02	4.94E-02	7.16E-01
<i>CG10738</i>	FBgn0036368	FBpp0291649	Cobs_01779	1	3.01	1.79	3.19	2.54	4.34E-01	1.24E-01	2.02E-04	1.27E-02	2.68E-05	3.29E-02
<i>Aats-tyr-m</i>	FBgn0035064	FBpp0072334	Cobs_01783	1	6.05	5.34	6.06	5.74	9.64E-01	6.15E-02	1.24E-04	1.76E-02	1.08E-04	8.75E-02
<i>DNaseII</i>	FBgn0000477	FBpp0082962	Cobs_01796	1	7.12	9.36	7.77	7.10	4.72E-01	9.90E-01	6.23E-03	5.77E-03	4.31E-02	4.99E-01
<i>Mgat2</i>	FBgn0039738	FBpp0084967	Cobs_01890	1	4.96	5.91	5.02	4.94	9.09E-01	9.97E-01	1.17E-02	1.18E-02	1.32E-02	9.23E-01
<i>CG10588</i>	FBgn0037037	FBpp0077942	Cobs_01907	1	7.10	6.60	7.30	7.20	4.26E-01	6.94E-01	2.62E-02	7.55E-03	2.07E-03	7.60E-01
<i>Gp93</i>	FBgn0039562	FBpp0084623	Cobs_01919	1	8.82	7.53	9.03	9.59	8.01E-01	2.41E-01	4.79E-02	2.18E-03	1.81E-02	4.84E-01
<i>Clk</i>	FBgn0023076	FBpp0076500	Cobs_01969	1	2.88	3.55	2.88	2.53	9.41E-01	2.81E-01	1.86E-02	1.43E-03	1.01E-02	3.87E-01
-	-	FBpp0297600	Cobs_02024	1	11.60	12.59	11.97	12.16	7.06E-02	3.58E-03	1.47E-05	2.77E-02	2.05E-03	4.20E-01
<i>CG10960</i>	FBgn0036316	FBpp0075675	Cobs_02032	0	4.19	6.50	3.64	4.71	4.90E-01	3.62E-01	1.05E-04	1.52E-03	2.31E-05	1.22E-01
<i>Mcm6</i>	FBgn0025815	FBpp0070913	Cobs_02040	1	6.09	4.87	5.85	5.62	5.52E-01	1.85E-01	1.48E-03	4.42E-02	7.09E-03	6.16E-01
<i>CG10068</i>	FBgn0037473	FBpp0081128	Cobs_02103	1	4.41	3.90	4.48	4.28	7.42E-01	5.29E-01	6.51E-03	3.88E-02	1.73E-03	3.48E-01
<i>NA</i>	NA	No hits found	Cobs_02244	0	3.59	3.00	3.62	3.61	8.76E-01	9.09E-01	1.39E-02	1.03E-02	6.08E-03	9.76E-01
<i>CG43347</i>	FBgn0263072	FBpp0297865	Cobs_02247	1	6.82	7.20	6.64	6.72	3.15E-01	5.87E-01	2.44E-02	4.84E-03	1.07E-03	7.18E-01
<i>eco</i>	FBgn0035766	FBpp0099670	Cobs_02248	1	5.85	5.09	6.12	5.81	2.75E-01	8.99E-01	1.58E-03	2.67E-03	6.56E-05	2.32E-01
<i>cup</i>	FBgn0000392	FBpp0288761	Cobs_02272	0	2.42	1.66	2.31	2.50	7.26E-01	8.47E-01	1.67E-02	1.00E-02	3.62E-02	6.03E-01
<i>Uba2</i>	FBgn0029113	FBpp0076457	Cobs_02475	1	6.08	5.54	6.10	5.91	9.52E-01	3.72E-01	4.83E-03	4.97E-02	3.08E-03	3.88E-01
<i>Bin1</i>	FBgn0024491	FBpp0082731	Cobs_02515	1	4.91	4.47	5.16	5.31	2.50E-01	4.71E-02	4.01E-02	2.95E-04	1.28E-03	5.81E-01
<i>CG8545</i>	FBgn0033741	FBpp0087045	Cobs_02568	1	4.80	3.99	4.93	4.77	7.47E-01	9.06E-01	3.08E-02	4.40E-02	8.91E-03	6.82E-01
<i>CG32350</i>	FBgn0052350	FBpp0070045	Cobs_02662	0	1.08	-0.24	0.94	0.85	9.09E-01	8.09E-01	2.05E-02	4.69E-02	2.42E-02	9.25E-01
<i>CG17271</i>	FBgn0038829	FBpp0083397	Cobs_02673	0	3.92	3.29	4.04	4.39	6.45E-01	4.08E-02	1.37E-02	1.06E-04	2.56E-03	1.89E-01
<i>mira</i>	FBgn0021776	FBpp0083256	Cobs_02745	0	6.35	5.32	6.17	5.94	4.28E-01	3.50E-02	1.49E-05	3.60E-03	1.43E-04	3.13E-01
<i>Su(var)3-3</i>	FBgn0260397	FBpp0074595	Cobs_02774	1	3.93	3.34	3.92	3.80	9.84E-01	6.41E-01	8.80E-03	3.50E-02	7.02E-03	7.12E-01
<i>Alk</i>	FBgn0040505	FBpp0086264	Cobs_02828	1	5.52	6.19	5.11	5.54	5.05E-02	9.07E-01	8.03E-04	1.36E-03	4.12E-06	4.29E-02

<i>CG18586</i>	FBgn0035642	FBpp0290125	Cobs_02847	0	3.25	2.32	3.25	3.10	9.56E-01	6.97E-01	6.01E-03	2.03E-02	3.71E-03	6.93E-01
<i>Esp</i>	FBgn0013953	FBpp0293017	Cobs_02860	0	1.55	0.16	1.53	1.31	9.58E-01	7.76E-01	7.71E-03	2.07E-02	4.89E-03	7.67E-01
-	-	FBpp0297154	Cobs_02974	1	5.31	5.74	5.37	5.38	7.60E-01	6.79E-01	2.19E-03	8.31E-03	4.72E-03	9.47E-01
<i>Rps28b</i>	FBgn0030136	FBpp0071295	Cobs_03009	1	7.14	7.69	6.98	7.25	3.67E-01	5.36E-01	1.27E-03	7.60E-03	8.35E-05	1.30E-01
<i>numb</i>	FBgn0002973	FBpp0079420	Cobs_03040	0	4.95	5.34	4.54	4.94	4.88E-02	9.78E-01	4.01E-02	4.39E-02	1.43E-04	5.44E-02
<i>CG42321</i>	FBgn0259221	FBpp0289039	Cobs_03043	1	6.68	7.24	6.83	6.78	4.17E-01	6.00E-01	1.42E-03	6.73E-03	1.34E-02	8.32E-01
NA	NA	No hits found	Cobs_03049	0	2.82	3.83	3.13	3.25	4.10E-01	2.18E-01	1.49E-03	3.93E-02	1.11E-02	8.06E-01
NA	NA	No hits found	Cobs_03059	0	0.81	1.43	0.13	0.58	3.88E-02	4.37E-01	2.92E-02	3.90E-03	8.44E-05	2.39E-01
<i>slbo</i>	FBgn0005638	FBpp0072179	Cobs_03144	1	4.72	5.64	4.75	4.18	9.80E-01	1.41E-01	9.10E-03	2.48E-04	7.34E-03	1.79E-01
<i>T-cp1</i>	FBgn0003676	FBpp0083684	Cobs_03167	1	8.08	7.34	8.07	8.30	9.62E-01	4.03E-01	3.97E-03	3.87E-04	3.95E-03	4.29E-01
<i>CG15270</i>	FBgn0028879	FBpp0089099	Cobs_03223	1	3.48	4.75	3.38	3.65	7.08E-01	5.07E-01	1.49E-05	1.49E-04	4.99E-06	3.10E-01
NA	NA	No hits found	Cobs_03237	0	2.05	3.53	2.19	2.58	7.51E-01	8.24E-02	1.49E-05	1.64E-03	3.28E-05	2.37E-01
<i>ap</i>	FBgn0000099	FBpp0085394	Cobs_03292	0	4.24	5.26	3.90	3.35	2.61E-01	6.06E-03	5.95E-04	2.49E-06	2.50E-05	1.54E-01
<i>alphaTub84B</i>	FBgn0003884	FBpp0081153	Cobs_03364	0	4.08	2.90	3.91	3.98	7.54E-01	8.43E-01	6.56E-03	1.30E-02	1.32E-02	9.36E-01
<i>CycA</i>	FBgn0000404	FBpp0075807	Cobs_03386	1	5.42	4.50	5.21	5.20	3.31E-01	2.66E-01	5.07E-05	1.38E-03	8.03E-04	9.65E-01
<i>Lst8</i>	FBgn0264691	FBpp0071303	Cobs_03476	1	5.91	5.51	6.08	6.03	4.11E-01	5.45E-01	3.49E-02	6.19E-03	2.58E-03	8.75E-01
<i>spir</i>	FBgn0003475	FBpp0080886	Cobs_03485	1	5.88	6.35	5.91	5.81	9.00E-01	6.69E-01	1.26E-03	3.87E-04	1.63E-03	6.10E-01
<i>Apc</i>	FBgn0015589	FBpp0084720	Cobs_03506	1	8.00	8.40	7.94	7.95	7.84E-01	7.81E-01	1.33E-02	5.08E-03	4.34E-03	9.97E-01
<i>Rps15</i>	FBgn0034138	FBpp0086270	Cobs_03513	1	10.02	11.07	10.24	10.46	3.91E-01	5.08E-02	5.19E-05	1.00E-02	7.37E-04	4.32E-01
<i>Act57B</i>	FBgn0000044	FBpp0071448	Cobs_03578	0	3.49	3.97	3.43	3.18	8.76E-01	2.86E-01	4.28E-02	3.22E-03	1.96E-02	4.57E-01
<i>Dyb</i>	FBgn0033739	FBpp0300837	Cobs_03613	0	4.33	4.70	4.28	4.23	7.61E-01	4.94E-01	6.16E-03	1.04E-03	1.72E-03	7.96E-01
<i>CG13409</i>	FBgn0038926	FBpp0083582	Cobs_03656	1	3.97	5.24	3.97	4.65	9.37E-01	1.79E-03	1.07E-06	2.18E-03	8.28E-07	3.92E-03
<i>Gbs-76A</i>	FBgn0036862	FBpp0074781	Cobs_03704	1	4.95	4.33	5.04	4.94	7.74E-01	9.59E-01	1.93E-02	2.24E-02	5.79E-03	7.67E-01
NA	NA	No hits found	Cobs_03706	0	0.73	-0.51	0.95	1.39	7.48E-01	2.19E-01	4.28E-02	1.79E-03	1.17E-02	4.77E-01
-	-	FBpp0089333	Cobs_03731	0	9.62	8.99	9.46	9.37	3.87E-01	1.45E-01	4.37E-04	1.96E-02	5.10E-03	7.36E-01
<i>U2A</i>	FBgn0033210	FBpp0088015	Cobs_03738	1	6.56	7.16	6.42	6.68	5.02E-01	5.75E-01	1.92E-03	1.00E-02	2.16E-04	2.20E-01
<i>Spf45</i>	FBgn0086683	FBpp0110561	Cobs_03783	1	5.52	5.95	5.53	5.32	9.93E-01	3.47E-01	4.02E-02	3.39E-03	3.39E-02	4.03E-01
<i>CG12576</i>	FBgn0031190	FBpp0077058	Cobs_03806	0	4.85	6.23	4.73	4.23	8.15E-01	2.29E-01	3.74E-03	2.20E-04	1.28E-03	4.37E-01
<i>Cdc6</i>	FBgn0035918	FBpp0076371	Cobs_03865	1	4.42	3.09	4.43	4.40	9.68E-01	9.15E-01	1.14E-02	1.55E-02	7.48E-03	9.02E-01

<i>CG8927</i>	FBgn0038405	FBpp0082708	Cobs_03941	1	4.36	2.55	3.36	3.29	3.49E-03	1.28E-03	1.39E-05	4.93E-02	2.20E-02	8.85E-01
-	-	FBpp0290378	Cobs_03957	0	4.02	4.44	3.50	4.01	2.40E-02	9.80E-01	3.37E-02	3.21E-02	5.30E-05	3.33E-02
-	-	FBpp0300544	Cobs_04027	1	6.16	5.64	6.51	6.81	1.53E-01	5.28E-03	3.42E-02	3.44E-05	5.32E-04	2.79E-01
<i>CG34127</i>	FBgn0083963	FBpp0290294	Cobs_04083	1	3.67	4.28	3.30	3.81	1.26E-01	4.66E-01	3.19E-03	2.68E-02	4.02E-05	3.08E-02
-	-	FBpp0082082	Cobs_04142	1	7.54	8.25	7.67	7.78	6.09E-01	2.71E-01	1.69E-03	2.99E-02	7.34E-03	7.16E-01
<i>Mf</i>	FBgn0038294	FBpp0291356	Cobs_04263	1	9.06	9.64	9.01	9.14	8.53E-01	7.44E-01	4.24E-03	1.12E-02	1.84E-03	6.27E-01
<i>RpS16</i>	FBgn0034743	FBpp0071766	Cobs_04490	1	10.19	10.99	10.19	10.59	9.73E-01	3.42E-02	1.79E-04	4.20E-02	2.08E-04	6.98E-02
<i>RpL8</i>	FBgn0261602	FBpp0072802	Cobs_04644	1	9.48	10.39	9.72	9.87	3.65E-01	8.85E-02	3.19E-04	2.62E-02	4.33E-03	6.15E-01
<i>Pdk</i>	FBgn0017558	FBpp0111805	Cobs_04653	1	6.00	6.64	5.97	5.87	9.15E-01	5.79E-01	1.42E-03	3.04E-04	7.95E-04	7.36E-01
<i>mmd</i>	FBgn0259110	FBpp0300196	Cobs_04673	1	6.53	7.21	6.32	6.63	3.24E-01	6.76E-01	1.02E-03	3.67E-03	5.28E-05	1.59E-01
NA	NA	No hits found	Cobs_04682	0	3.16	3.86	2.97	3.44	5.25E-01	1.24E-01	8.36E-04	4.95E-02	1.04E-04	4.14E-02
NA	NA	No hits found	Cobs_04700	0	6.19	10.80	8.07	4.98	1.47E-01	3.29E-01	4.74E-04	7.66E-05	2.35E-02	2.64E-02
<i>RpL10Ab</i>	FBgn0036213	FBpp0075764	Cobs_04766	1	10.03	11.02	10.08	10.46	8.49E-01	6.43E-02	1.73E-04	2.17E-02	3.35E-04	1.65E-01
<i>CG3776</i>	FBgn0035088	FBpp0072302	Cobs_04768	1	2.97	1.94	2.83	3.01	7.81E-01	8.99E-01	1.16E-02	8.33E-03	2.02E-02	7.12E-01
<i>Fen1</i>	FBgn0025832	FBpp0086223	Cobs_04776	1	4.45	3.48	4.67	4.38	4.47E-01	8.29E-01	1.40E-03	3.19E-03	1.43E-04	3.39E-01
<i>Rpd3</i>	FBgn0015805	FBpp0073173	Cobs_04793	0	3.96	3.42	3.92	4.06	8.38E-01	7.45E-01	1.44E-02	5.67E-03	2.11E-02	6.12E-01
<i>klar</i>	FBgn0001316	FBpp0110115	Cobs_04799	0	4.30	4.71	4.17	4.28	4.32E-01	9.44E-01	6.03E-03	5.30E-03	4.53E-04	5.40E-01
-	-	FBpp0085729	Cobs_04821	1	8.39	7.98	8.45	8.21	6.32E-01	7.82E-02	3.01E-04	2.85E-02	6.83E-05	3.79E-02
<i>mip120</i>	FBgn0033846	FBpp0086789	Cobs_04826	0	1.13	2.40	1.27	1.20	8.52E-01	9.19E-01	1.09E-02	1.71E-02	1.42E-02	9.48E-01
<i>Sin3A</i>	FBgn0022764	FBpp0293225	Cobs_04875	0	3.38	2.52	3.73	3.28	1.71E-01	8.03E-01	6.35E-03	1.51E-02	1.45E-04	1.18E-01
<i>RpL17</i>	FBgn0029897	FBpp0070943	Cobs_04930	1	9.92	10.92	10.00	10.32	7.40E-01	5.22E-02	4.15E-05	7.54E-03	1.45E-04	1.90E-01
<i>CG9815</i>	FBgn0034861	FBpp0112024	Cobs_04944	0	2.59	4.12	2.84	2.74	5.53E-01	7.87E-01	8.16E-04	2.58E-03	3.21E-03	8.26E-01
<i>CG5928</i>	FBgn0029836	FBpp0070836	Cobs_04945	1	5.25	6.64	5.75	5.26	1.17E-01	9.71E-01	2.90E-05	4.57E-05	2.06E-03	1.23E-01
<i>CG43386</i>	FBgn0263216	FBpp0300232	Cobs_04948	0	5.91	8.06	6.63	4.81	1.13E-01	1.22E-02	1.49E-05	3.81E-07	1.06E-03	6.31E-04
<i>CG32694</i>	FBgn0052694	FBpp0298369	Cobs_04954	1	4.79	6.97	5.53	4.58	7.13E-02	6.41E-01	2.99E-06	2.26E-06	2.24E-04	2.91E-02
<i>spartin</i>	FBgn0037265	FBpp0078501	Cobs_04955	0	4.54	6.53	5.15	4.19	1.89E-01	5.04E-01	3.74E-05	1.80E-05	1.25E-03	5.72E-02
<i>Mnn1</i>	FBgn0031885	FBpp0079029	Cobs_04986	1	4.49	4.81	4.32	4.28	3.10E-01	2.12E-01	2.38E-02	1.04E-03	9.75E-04	9.19E-01
<i>RnrL</i>	FBgn0011703	FBpp0079648	Cobs_05001	1	6.52	6.89	6.55	6.54	8.81E-01	9.21E-01	1.45E-02	1.86E-02	1.97E-02	9.65E-01
<i>Rh50</i>	FBgn0028699	FBpp0073210	Cobs_05093	1	1.42	-0.01	1.84	1.33	3.87E-01	7.84E-01	1.19E-02	2.74E-02	8.26E-04	2.63E-01

<i>RpL34b</i>	FBgn0037686	FBpp0081528	Cobs_05117	0	9.88	10.87	9.94	10.23	8.25E-01	1.00E-01	5.62E-05	5.02E-03	1.45E-04	2.47E-01
<i>CG1231</i>	FBgn0035134	FBpp0072445	Cobs_05148	1	4.61	5.15	4.41	4.58	3.58E-01	9.27E-01	3.20E-03	2.67E-03	1.78E-04	4.66E-01
-	-	FBpp0293090	Cobs_05213	0	6.39	7.04	6.10	5.86	3.09E-01	3.60E-02	1.29E-02	7.66E-05	5.40E-04	4.37E-01
<i>CG32944</i>	FBgn0052944	FBpp0288688	Cobs_05249	1	2.69	3.68	2.64	2.90	9.10E-01	4.97E-01	4.74E-04	4.28E-03	2.37E-04	4.55E-01
<i>cta</i>	FBgn0000384	FBpp0110418	Cobs_05259	0	3.24	4.00	2.81	3.25	3.99E-01	8.86E-01	2.85E-02	4.97E-02	2.07E-03	3.46E-01
<i>CG43340</i>	FBgn0263077	FBpp0297790	Cobs_05260	1	7.10	7.99	7.30	7.28	5.24E-01	5.44E-01	1.26E-03	7.31E-03	7.61E-03	9.67E-01
<i>NA</i>	NA	No hits found	Cobs_05265	0	2.68	3.39	2.78	2.72	7.39E-01	8.32E-01	8.39E-03	1.94E-02	1.74E-02	9.36E-01
<i>CG34160</i>	FBgn0250826	FBpp0111266	Cobs_05267	0	2.18	1.09	2.07	2.18	9.30E-01	9.16E-01	1.95E-02	1.51E-02	2.04E-02	8.70E-01
<i>CG42668</i>	FBgn0261550	FBpp0291810	Cobs_05349	1	6.24	6.70	6.40	6.23	3.45E-01	9.61E-01	2.82E-03	2.48E-03	3.60E-02	3.43E-01
<i>mxt</i>	FBgn0031637	FBpp0290163	Cobs_05368	0	2.04	3.64	2.67	2.61	2.69E-01	3.12E-01	1.36E-03	2.02E-02	1.81E-02	9.36E-01
<i>CG8149</i>	FBgn0037700	FBpp0081539	Cobs_05380	1	4.91	4.36	4.92	4.88	9.66E-01	8.86E-01	6.68E-03	1.14E-02	4.41E-03	8.73E-01
<i>geminin</i>	FBgn0033081	FBpp0085480	Cobs_05433	0	4.84	4.13	5.03	4.73	4.10E-01	7.09E-01	3.80E-03	1.26E-02	2.89E-04	2.37E-01
<i>CG6015</i>	FBgn0038927	FBpp0083581	Cobs_05566	1	7.06	8.53	7.30	7.38	5.98E-01	4.35E-01	4.77E-04	4.41E-03	2.24E-03	8.98E-01
<i>levy</i>	FBgn0034877	FBpp0071970	Cobs_05658	0	4.19	3.49	5.02	4.86	6.41E-03	1.83E-02	3.54E-02	1.27E-04	2.31E-05	6.22E-01
<i>CG5794</i>	FBgn0039214	FBpp0297302	Cobs_05710	1	8.34	8.01	8.32	8.25	8.96E-01	4.82E-01	5.23E-03	3.41E-02	6.92E-03	6.64E-01
<i>Art1</i>	FBgn0037834	FBpp0081780	Cobs_05714	1	6.61	5.85	6.68	6.57	8.71E-01	9.12E-01	1.67E-02	2.24E-02	7.61E-03	8.06E-01
<i>Prosalph3</i>	FBgn0261394	FBpp0071451	Cobs_05726	1	6.54	5.94	6.68	6.76	5.10E-01	2.41E-01	1.83E-03	9.70E-05	2.18E-04	7.63E-01
<i>TwdlE</i>	FBgn0031957	FBpp0079185	Cobs_05757	0	4.87	6.56	5.35	4.37	3.77E-01	3.19E-01	6.52E-04	7.86E-05	6.39E-03	7.28E-02
<i>wal</i>	FBgn0010516	FBpp0087187	Cobs_05759	1	7.41	6.91	7.57	7.82	5.03E-01	5.05E-02	1.86E-02	1.25E-04	2.01E-03	3.32E-01
<i>Cchl</i>	FBgn0038925	FBpp0083583	Cobs_05779	1	4.35	3.74	4.71	4.37	1.80E-01	9.36E-01	3.78E-02	2.93E-02	7.99E-04	2.52E-01
<i>CG13643</i>	FBgn0040601	FBpp0297710	Cobs_05782	1	8.32	9.29	8.46	8.10	7.34E-01	5.48E-01	3.91E-03	6.83E-04	1.01E-02	3.53E-01
<i>CG14984</i>	FBgn0035480	FBpp0288663	Cobs_05820	1	4.16	5.06	3.79	4.04	3.45E-01	8.01E-01	4.06E-03	2.16E-03	2.16E-04	5.81E-01
<i>Cypl</i>	FBgn0035141	FBpp0072463	Cobs_05875	1	4.61	3.85	4.53	4.89	7.76E-01	2.07E-01	1.97E-03	1.01E-04	3.80E-03	1.41E-01
<i>RpL11</i>	FBgn0013325	FBpp0085717	Cobs_05892	1	8.88	9.91	9.07	9.37	5.24E-01	4.65E-02	2.14E-04	3.59E-02	1.43E-03	3.02E-01
<i>NA</i>	NA	No hits found	Cobs_05898	0	9.01	10.69	9.28	9.80	2.20E-01	2.58E-04	1.56E-08	1.27E-04	4.98E-07	2.31E-02
<i>RpS14a</i>	FBgn0004403	FBpp0071051	Cobs_06020	0	9.72	10.40	9.63	9.94	6.69E-01	2.05E-01	2.88E-04	8.70E-03	7.38E-05	1.07E-01
<i>nero</i>	FBgn0261479	FBpp0085222	Cobs_06070	1	3.60	2.80	4.10	3.54	1.06E-01	8.33E-01	2.35E-02	4.51E-02	2.65E-04	7.76E-02
-	-	FBpp0289818	Cobs_06079	0	6.86	7.79	7.18	7.09	3.71E-01	5.04E-01	4.09E-03	2.55E-02	4.56E-02	8.61E-01
<i>Dgk</i>	FBgn0085390	FBpp0111492	Cobs_06082	1	3.66	4.14	3.29	3.53	7.31E-02	6.25E-01	1.32E-02	3.59E-03	7.16E-05	2.50E-01

<i>CG7903</i>	FBgn0039730	FBpp0084973	Cobs_06090	1	8.46	7.85	8.31	8.26	4.05E-01	2.23E-01	3.09E-04	8.43E-03	3.36E-03	8.47E-01
<i>RnrL</i>	FBgn0011703	FBpp0079648	Cobs_06095	0	4.87	3.45	4.74	4.62	7.95E-01	5.56E-01	1.97E-03	1.07E-02	3.46E-03	8.26E-01
<i>Mcm2</i>	FBgn0014861	FBpp0081317	Cobs_06137	1	6.49	5.38	6.15	6.13	3.05E-01	2.26E-01	6.60E-04	1.60E-02	1.05E-02	9.52E-01
<i>RpS4</i>	FBgn0011284	FBpp0075619	Cobs_06161	1	10.61	11.49	10.54	10.91	7.90E-01	9.52E-02	2.90E-05	2.56E-03	1.62E-05	7.43E-02
<i>CG5516</i>	FBgn0038389	FBpp0291705	Cobs_06164	1	3.52	2.89	3.57	3.39	7.73E-01	5.43E-01	2.20E-03	1.40E-02	6.78E-04	3.81E-01
<i>CG9518</i>	FBgn0030590	FBpp0073800	Cobs_06210	1	4.29	6.61	4.39	4.43	9.22E-01	8.25E-01	2.51E-05	8.71E-05	3.39E-05	9.27E-01
<i>CG18599</i>	FBgn0038592	FBpp0082993	Cobs_06252	1	0.41	1.79	0.32	1.01	8.28E-01	1.45E-01	7.97E-04	3.67E-02	2.89E-04	1.16E-01
<i>CG33986</i>	FBgn0053986	FBpp0293993	Cobs_06263	0	4.93	11.07	6.39	7.19	3.65E-01	1.08E-01	1.40E-04	6.42E-03	1.19E-03	6.49E-01
<i>CG13188</i>	FBgn0033668	FBpp0087146	Cobs_06466	1	5.95	6.88	5.73	5.45	4.46E-01	5.14E-02	7.81E-04	1.00E-05	7.16E-05	3.65E-01
<i>Atf-2</i>	FBgn0265193	FBpp0072289	Cobs_06490	1	6.01	6.69	6.06	6.00	8.07E-01	9.79E-01	3.08E-04	3.30E-04	6.33E-04	8.15E-01
<i>CG18641</i>	FBgn0031426	FBpp0297922	Cobs_06497	1	4.54	5.87	4.41	3.65	7.53E-01	9.94E-03	5.07E-05	5.66E-07	2.31E-05	4.67E-02
<i>7B2</i>	FBgn0041707	FBpp0078435	Cobs_06501	1	5.15	6.07	4.98	5.45	4.50E-01	1.71E-01	7.74E-05	3.84E-03	1.22E-05	4.36E-02
<i>Syt1</i>	FBgn0004242	FBpp0077410	Cobs_06502	1	5.14	5.72	5.04	5.24	6.78E-01	5.88E-01	2.80E-03	1.43E-02	6.00E-04	3.45E-01
<i>RpL6</i>	FBgn0039857	FBpp0085166	Cobs_06510	1	10.02	10.97	10.32	10.49	1.87E-01	2.03E-02	5.07E-05	2.32E-02	2.41E-03	5.00E-01
<i>Tctp</i>	FBgn0037874	FBpp0081820	Cobs_06516	1	8.72	10.35	9.22	9.37	1.45E-01	3.58E-02	1.49E-05	3.35E-03	8.39E-04	7.40E-01
<i>CG3860</i>	FBgn0034951	FBpp0072110	Cobs_06527	1	4.81	5.21	4.63	4.80	4.28E-01	9.57E-01	4.02E-02	4.79E-02	3.15E-03	4.28E-01
<i>dgt3</i>	FBgn0034569	FBpp0271922	Cobs_06571	0	5.49	4.72	5.67	5.23	4.62E-01	2.41E-01	1.24E-03	2.74E-02	1.27E-04	6.85E-02
<i>lpk1</i>	FBgn0050295	FBpp0112280	Cobs_06576	1	4.77	5.17	4.55	4.47	1.72E-01	6.67E-02	1.67E-02	1.69E-04	2.79E-04	7.96E-01
<i>Rcc1</i>	FBgn0002638	FBpp0076784	Cobs_06589	1	5.41	4.30	5.47	5.60	8.79E-01	6.46E-01	4.13E-03	1.17E-03	1.92E-03	8.30E-01
<i>l(2)35Bd</i>	FBgn0001974	FBpp0080257	Cobs_06615	0	2.70	1.74	3.06	2.75	3.59E-01	8.60E-01	4.36E-02	2.72E-02	3.09E-03	5.50E-01
<i>krz</i>	FBgn0040206	FBpp0293792	Cobs_06617	1	6.64	7.04	6.49	6.47	4.82E-01	3.74E-01	2.63E-02	2.32E-03	2.61E-03	9.36E-01
<i>aub</i>	FBgn0000146	FBpp0111705	Cobs_06687	1	5.35	2.45	5.48	3.46	4.82E-01	5.40E-09	5.25E-12	7.49E-04	1.26E-12	7.32E-10
<i>sta</i>	FBgn0003517	FBpp0070278	Cobs_06701	1	11.18	11.99	11.20	11.43	9.31E-01	1.92E-01	1.35E-04	4.77E-03	1.96E-04	3.10E-01
-	-	FBpp0099589	Cobs_06711	1	7.66	7.94	7.57	7.60	4.75E-01	5.81E-01	1.22E-02	2.29E-03	1.16E-03	9.00E-01
<i>Atg1</i>	FBgn0260945	FBpp0075677	Cobs_06720	1	7.47	7.92	7.45	7.50	9.43E-01	8.80E-01	1.31E-03	2.23E-03	8.61E-04	8.45E-01
<i>Prosbeta4</i>	FBgn0032596	FBpp0080490	Cobs_06858	1	5.46	4.75	5.82	6.09	1.85E-01	1.39E-02	1.21E-02	3.44E-05	2.45E-04	3.95E-01
<i>obst-E</i>	FBgn0031737	FBpp0078794	Cobs_06870	1	7.59	8.57	7.31	6.24	5.45E-01	9.26E-04	1.49E-02	4.42E-06	1.90E-03	1.50E-02
<i>CG43164</i>	FBgn0262720	FBpp0296984	Cobs_07051	1	9.03	6.92	8.44	7.57	8.37E-02	4.00E-05	5.11E-07	3.44E-02	2.68E-05	1.37E-02
-	-	FBpp0293667	Cobs_07055	0	5.73	3.74	5.15	5.83	2.87E-01	8.38E-01	5.74E-04	3.49E-04	8.08E-03	2.10E-01

<i>His1:CG33843</i>	FBgn0053843	FBpp0091089	Cobs_07056	0	9.50	8.24	9.82	9.48	4.62E-01	9.57E-01	1.59E-03	1.94E-03	1.66E-04	4.51E-01
<i>CG40470</i>	FBgn0058470	FBpp0110455	Cobs_07075	1	7.77	8.71	7.48	7.55	3.07E-01	4.31E-01	4.67E-04	6.69E-05	2.64E-05	8.45E-01
<i>tsu</i>	FBgn0033378	FBpp0087648	Cobs_07095	1	5.67	5.22	5.81	6.09	4.94E-01	1.88E-02	1.66E-02	5.41E-05	1.71E-03	1.75E-01
<i>Rpt5</i>	FBgn0028684	FBpp0083843	Cobs_07096	1	7.14	6.62	7.29	7.55	5.68E-01	5.50E-02	1.82E-02	1.29E-04	2.58E-03	2.99E-01
<i>CG32791</i>	FBgn0052791	FBpp0070563	Cobs_07133	1	0.96	2.00	0.67	0.61	6.15E-01	5.40E-01	9.11E-03	2.06E-03	1.51E-03	9.51E-01
<i>His2A:CG33817</i>	FBgn0053817	FBpp0091063	Cobs_07283	0	10.14	9.09	9.73	9.85	1.75E-01	3.24E-01	4.57E-04	6.73E-03	1.96E-02	7.51E-01
<i>CG43078</i>	FBgn0262508	FBpp0293353	Cobs_07309	1	6.28	6.94	6.53	6.30	2.78E-01	9.28E-01	2.43E-03	3.42E-03	4.51E-02	3.61E-01
<i>dup</i>	FBgn0000996	FBpp0086519	Cobs_07325	1	6.00	4.64	5.87	5.56	7.97E-01	2.73E-01	1.56E-03	2.70E-02	2.97E-03	5.27E-01
<i>CG5630</i>	FBgn0038842	FBpp0083383	Cobs_07363	1	6.25	7.28	6.24	6.16	9.86E-01	8.31E-01	5.99E-03	2.97E-03	4.48E-03	8.73E-01
<i>SrpRbeta</i>	FBgn0011509	FBpp0076325	Cobs_07371	1	4.38	3.87	4.43	4.60	8.62E-01	3.80E-01	2.57E-02	2.62E-03	1.11E-02	5.87E-01
<i>CG10889</i>	FBgn0038769	FBpp0083248	Cobs_07509	0	4.10	4.66	4.01	3.81	6.31E-01	1.32E-01	5.59E-03	1.41E-04	9.01E-04	4.23E-01
<i>Incenp</i>	FBgn0260991	FBpp0088035	Cobs_07558	1	6.31	4.90	6.18	5.69	5.34E-01	1.62E-03	2.50E-07	4.02E-04	9.38E-07	2.43E-02
<i>CG31148</i>	FBgn0051148	FBpp0083833	Cobs_07585	1	6.35	7.87	6.34	6.42	9.92E-01	9.52E-01	1.83E-02	2.09E-02	1.42E-02	9.54E-01
<i>CG7627</i>	FBgn0032026	FBpp0297935	Cobs_07607	0	3.01	1.97	3.07	3.19	8.18E-01	5.37E-01	5.05E-03	1.14E-03	1.85E-03	7.85E-01
<i>Mulk</i>	FBgn0260750	FBpp0079576	Cobs_07661	1	3.39	2.63	3.60	3.32	4.26E-01	8.95E-01	1.45E-02	2.34E-02	1.20E-03	3.75E-01
<i>CG5205</i>	FBgn0038344	FBpp0082601	Cobs_07697	1	7.17	6.50	7.37	6.94	4.29E-01	3.40E-01	4.16E-03	4.86E-02	3.37E-04	9.19E-02
<i>CG10657</i>	FBgn0036289	FBpp0075707	Cobs_07712	1	5.57	6.54	5.03	4.84	1.22E-01	2.35E-02	2.52E-03	1.69E-05	3.30E-05	6.55E-01
<i>CG31743</i>	FBgn0032618	FBpp0080500	Cobs_07841	1	5.03	5.86	4.86	5.12	5.31E-01	8.04E-01	8.80E-04	2.26E-03	1.14E-04	3.82E-01
<i>unc-5</i>	FBgn0034013	FBpp0086514	Cobs_07861	0	4.42	4.97	4.07	4.41	1.44E-01	9.69E-01	1.02E-02	1.24E-02	1.40E-04	1.54E-01
<i>nudC</i>	FBgn0021768	FBpp0297079	Cobs_07866	0	4.36	3.74	4.46	4.36	7.47E-01	9.57E-01	2.31E-02	2.74E-02	6.42E-03	7.40E-01
<i>CG4882</i>	FBgn0025336	FBpp0072134	Cobs_07934	1	4.75	4.15	5.01	5.11	2.47E-01	8.31E-02	1.04E-02	1.41E-04	3.10E-04	7.44E-01
<i>CG1440</i>	FBgn0030038	FBpp0071144	Cobs_07935	1	4.65	4.09	4.91	4.73	3.10E-01	8.17E-01	2.79E-02	1.34E-02	1.24E-03	5.13E-01
-	-	FBpp0076126	Cobs_08142	1	4.67	5.50	4.12	4.61	2.40E-02	8.70E-01	2.87E-04	2.20E-04	9.38E-07	4.68E-02
<i>RAF2</i>	FBgn0036624	FBpp0075145	Cobs_08146	1	5.97	6.35	5.87	5.79	4.62E-01	1.86E-01	4.70E-03	1.49E-04	4.14E-04	7.17E-01
<i>CG42613</i>	FBgn0261262	FBpp0293231	Cobs_08163	1	5.20	5.63	4.86	5.21	1.16E-01	9.14E-01	2.65E-02	3.72E-02	2.54E-04	1.04E-01
<i>CG3618</i>	FBgn0037028	FBpp0292073	Cobs_08170	1	4.04	4.50	4.11	4.10	7.47E-01	7.15E-01	1.43E-02	4.37E-02	2.98E-02	9.83E-01
<i>CG10948</i>	FBgn0036317	FBpp0271745	Cobs_08192	1	6.67	7.47	6.64	6.72	9.28E-01	8.94E-01	5.31E-03	8.23E-03	3.09E-03	8.42E-01
<i>PpV</i>	FBgn0003139	FBpp0070883	Cobs_08193	1	5.55	5.16	5.70	5.77	3.68E-01	1.77E-01	1.70E-02	5.35E-04	9.85E-04	8.05E-01
<i>RpS18</i>	FBgn0010411	FBpp0085586	Cobs_08275	1	9.58	10.17	9.12	9.65	2.09E-02	6.97E-01	1.82E-03	5.88E-03	3.43E-06	9.11E-03

<i>Fur2</i>	FBgn0004598	FBpp0290516	Cobs_08312	0	7.31	8.13	7.54	7.65	1.85E-01	3.50E-02	2.04E-05	4.90E-03	8.31E-04	6.38E-01
<i>RSG7</i>	FBgn0024941	FBpp0300193	Cobs_08315	1	8.80	9.93	9.19	9.21	1.17E-01	6.60E-02	2.11E-05	2.70E-03	1.75E-03	9.46E-01
-	-	FBpp0099473	Cobs_08353	1	4.47	5.06	4.43	4.37	8.81E-01	8.44E-01	2.64E-02	1.47E-02	1.21E-02	9.75E-01
<i>CG31961</i>	FBgn0051961	FBpp0077174	Cobs_08385	1	6.28	6.93	6.55	6.51	1.74E-01	2.20E-01	6.17E-04	1.62E-02	2.47E-02	8.89E-01
<i>CycG</i>	FBgn0039858	FBpp0085164	Cobs_08393	1	6.63	7.21	6.50	6.50	6.59E-01	6.35E-01	1.53E-02	3.59E-03	3.02E-03	9.96E-01
<i>mRpL48</i>	FBgn0031357	FBpp0077550	Cobs_08400	1	3.76	3.09	3.98	4.31	3.69E-01	1.63E-02	1.22E-02	4.93E-05	7.47E-04	2.20E-01
<i>CG3036</i>	FBgn0031645	FBpp0077083	Cobs_08418	1	3.50	4.84	3.82	3.77	7.01E-01	7.11E-01	8.93E-03	2.71E-02	1.96E-02	9.93E-01
<i>RpL21</i>	FBgn0032987	FBpp0085314	Cobs_08471	0	7.14	6.56	7.20	7.75	8.47E-01	6.65E-03	1.19E-02	1.66E-05	4.89E-03	2.89E-02
<i>eIF3-S9</i>	FBgn0034237	FBpp0086098	Cobs_08527	1	8.20	7.74	8.31	8.56	6.68E-01	8.69E-02	2.85E-02	3.33E-04	6.07E-03	3.22E-01
<i>CG7718</i>	FBgn0038649	FBpp0083097	Cobs_08533	1	5.79	5.36	5.80	5.97	9.56E-01	4.23E-01	4.69E-02	5.44E-03	3.20E-02	5.38E-01
<i>Lip4</i>	FBgn0032264	FBpp0079682	Cobs_08563	0	3.97	6.41	3.74	2.23	6.08E-01	3.76E-03	7.53E-06	3.81E-07	1.80E-06	2.98E-02
<i>chinmo</i>	FBgn0086758	FBpp0292933	Cobs_08588	0	4.54	5.69	4.40	4.97	6.67E-01	8.44E-02	4.87E-05	5.73E-03	1.62E-05	4.36E-02
<i>chinmo</i>	FBgn0086758	FBpp0292934	Cobs_08589	0	1.94	3.03	1.55	2.37	3.19E-01	2.07E-01	1.69E-03	4.94E-02	8.65E-05	3.34E-02
<i>Pdh</i>	FBgn0011693	FBpp0113028	Cobs_08610	1	1.84	2.75	2.11	1.90	4.85E-01	9.75E-01	1.68E-03	2.42E-03	8.89E-03	5.65E-01
<i>tra2</i>	FBgn0003742	FBpp0088561	Cobs_08625	1	5.52	4.90	5.27	5.28	2.38E-01	2.32E-01	2.15E-03	4.86E-02	4.70E-02	9.73E-01
<i>didum</i>	FBgn0261397	FBpp0088686	Cobs_08641	1	6.80	8.10	7.05	7.21	5.79E-01	2.85E-01	1.03E-03	1.70E-02	4.82E-03	7.60E-01
<i>Spred</i>	FBgn0020767	FBpp0086597	Cobs_08656	1	7.08	6.70	7.17	6.93	4.98E-01	2.15E-01	1.69E-03	4.21E-02	1.98E-04	6.74E-02
<i>vanin-like</i>	FBgn0040069	FBpp0070844	Cobs_08723	1	3.69	3.04	4.04	3.92	2.67E-01	4.88E-01	3.04E-02	4.90E-03	1.13E-03	7.64E-01
<i>RpA-70</i>	FBgn0010173	FBpp0081356	Cobs_08750	1	6.21	5.13	6.01	5.88	4.22E-01	1.22E-01	2.90E-05	2.02E-03	2.90E-04	6.26E-01
<i>CG1572</i>	FBgn0030309	FBpp0073389	Cobs_08769	1	5.71	6.46	5.79	5.39	8.49E-01	2.74E-01	8.15E-03	4.89E-04	1.24E-02	2.30E-01
<i>CG7638</i>	FBgn0036133	FBpp0075940	Cobs_08806	1	5.52	6.01	5.59	5.53	7.88E-01	9.79E-01	7.51E-03	6.80E-03	1.43E-02	7.97E-01
<i>Sod3</i>	FBgn0033631	FBpp0110197	Cobs_08867	1	5.97	6.64	5.61	6.00	2.77E-01	9.41E-01	2.23E-02	2.70E-02	7.70E-04	2.61E-01
<i>His2A:CG33817</i>	FBgn0053817	FBpp0091063	Cobs_08875	0	4.40	3.35	4.50	4.32	6.44E-01	7.87E-01	7.03E-05	2.46E-04	2.31E-05	4.69E-01
<i>RpL4</i>	FBgn0003279	FBpp0084617	Cobs_08879	1	10.10	10.67	10.12	10.30	8.88E-01	8.00E-02	3.12E-05	3.44E-03	6.05E-05	1.76E-01
<i>RpL35A</i>	FBgn0037328	FBpp0078416	Cobs_08905	1	10.29	11.20	10.39	10.55	6.30E-01	1.70E-01	3.43E-05	1.55E-03	1.76E-04	5.28E-01
<i>eIF-4a</i>	FBgn0001942	FBpp0297911	Cobs_08925	1	10.91	11.93	11.25	11.21	1.66E-01	1.89E-01	7.51E-05	3.00E-03	4.20E-03	9.12E-01
<i>CG17802</i>	FBgn0038549	FBpp0082950	Cobs_09081	0	6.14	7.28	6.20	6.62	8.47E-01	5.42E-02	6.24E-05	1.10E-02	1.36E-04	1.43E-01
<i>RfC3</i>	FBgn0032244	FBpp0079609	Cobs_09125	0	4.43	4.94	4.04	4.28	1.38E-01	5.53E-01	4.23E-02	8.61E-03	5.49E-04	4.53E-01
<i>GABA-B-R1</i>	FBgn0260446	FBpp0293274	Cobs_09208	1	4.27	4.71	3.93	4.20	1.51E-01	8.03E-01	4.94E-02	2.36E-02	7.33E-04	3.03E-01

<i>CG9265</i>	FBgn0032910	FBpp0081035	Cobs_09285	1	4.28	5.16	4.19	4.36	8.13E-01	9.21E-01	1.54E-02	2.18E-02	5.13E-03	7.62E-01
<i>Prosbeta6</i>	FBgn0002284	FBpp0075119	Cobs_09307	1	6.54	6.01	6.59	7.02	8.47E-01	2.15E-02	1.52E-02	5.41E-05	6.24E-03	7.30E-02
<i>pasha</i>	FBgn0039861	FBpp0085181	Cobs_09311	1	3.98	3.47	4.00	4.26	8.96E-01	2.14E-01	4.61E-02	2.16E-03	2.40E-02	3.50E-01
<i>Vps33B</i>	FBgn0039335	FBpp0084210	Cobs_09332	1	4.61	5.19	4.57	4.59	8.50E-01	9.27E-01	2.32E-02	1.72E-02	9.14E-03	9.37E-01
<i>RN-tre</i>	FBgn0020620	FBpp0086730	Cobs_09342	0	6.81	7.36	6.71	6.89	6.53E-01	7.00E-01	3.12E-03	1.00E-02	6.23E-04	4.02E-01
<i>NA</i>	NA	No hits found	Cobs_09383	0	1.07	0.02	1.91	0.99	2.92E-02	9.62E-01	1.56E-02	1.99E-02	3.74E-05	3.57E-02
<i>CG8507</i>	FBgn0037756	FBpp0081618	Cobs_09518	1	5.55	5.13	5.93	5.53	4.02E-02	9.52E-01	1.58E-02	1.88E-02	4.57E-05	4.10E-02
<i>Aats-tyr</i>	FBgn0027080	FBpp0075168	Cobs_09534	1	6.37	5.82	6.35	6.59	9.63E-01	3.56E-01	1.73E-02	1.41E-03	1.63E-02	3.84E-01
<i>faf</i>	FBgn0005632	FBpp0085202	Cobs_09543	1	8.23	7.92	8.53	8.39	5.33E-02	2.90E-01	3.20E-02	1.84E-03	1.25E-04	4.02E-01
<i>TER94</i>	FBgn0261014	FBpp0087479	Cobs_09615	1	8.58	7.89	8.78	8.93	4.71E-01	1.56E-01	5.70E-03	1.33E-04	5.56E-04	6.60E-01
<i>CG31475</i>	FBgn0051475	FBpp0083149	Cobs_09626	1	2.60	3.94	2.88	1.42	4.46E-01	1.11E-02	8.83E-05	2.26E-06	6.14E-04	4.49E-03
<i>Art3</i>	FBgn0038306	FBpp0082589	Cobs_09641	1	3.95	3.24	4.05	4.09	7.47E-01	7.67E-01	2.93E-02	1.23E-02	8.35E-03	9.88E-01
<i>AstC-R2</i>	FBgn0036789	FBpp0088996	Cobs_09654	1	2.32	2.99	2.28	2.10	8.92E-01	6.27E-01	3.31E-02	1.01E-02	1.54E-02	7.93E-01
<i>Kdm2</i>	FBgn0037659	FBpp0289915	Cobs_09656	0	6.44	5.51	6.52	6.24	8.06E-01	4.15E-01	4.37E-04	4.53E-03	1.78E-04	3.12E-01
<i>Rbf</i>	FBgn0015799	FBpp0070141	Cobs_09659	1	6.76	5.56	6.98	6.42	6.22E-01	3.81E-01	2.17E-03	2.22E-02	4.05E-04	1.82E-01
<i>NA</i>	NA	No hits found	Cobs_09663	0	3.91	6.08	4.25	4.71	5.62E-01	1.04E-01	1.49E-05	8.64E-04	5.43E-05	4.18E-01
<i>CG32645</i>	FBgn0052645	FBpp0073556	Cobs_09671	0	6.39	7.26	5.93	5.12	3.17E-01	3.21E-03	4.00E-02	2.98E-05	1.84E-03	8.86E-02
<i>toc</i>	FBgn0015600	FBpp0077346	Cobs_09739	1	6.32	7.19	6.19	6.61	4.75E-01	6.36E-02	6.07E-06	5.92E-04	9.38E-07	1.85E-02
<i>NA</i>	NA	No hits found	Cobs_09747	0	3.39	4.31	3.36	3.65	8.95E-01	4.05E-01	7.83E-04	9.01E-03	3.50E-04	3.63E-01
<i>betaTub56D</i>	FBgn0003887	FBpp0085720	Cobs_09769	0	10.09	8.84	9.64	9.74	1.77E-01	2.62E-01	1.61E-04	3.55E-03	7.26E-03	8.33E-01
<i>NA</i>	NA	No hits found	Cobs_09776	0	7.83	6.58	7.37	7.74	1.58E-01	8.04E-01	1.64E-04	4.24E-04	8.48E-03	2.99E-01
<i>Den1</i>	FBgn0033716	FBpp0291088	Cobs_09804	1	3.63	4.00	3.56	3.46	7.30E-01	4.51E-01	4.41E-02	6.43E-03	1.15E-02	7.82E-01
<i>CG4747</i>	FBgn0043456	FBpp0079520	Cobs_09834	1	6.48	5.62	6.10	6.22	1.50E-01	3.00E-01	1.03E-03	1.62E-02	4.63E-02	7.35E-01
<i>CG9646</i>	FBgn0034184	FBpp0086128	Cobs_09844	1	4.33	4.99	3.84	4.11	1.93E-02	2.88E-01	8.70E-04	7.92E-05	1.62E-06	2.21E-01
<i>NA</i>	NA	No hits found	Cobs_09899	0	3.47	4.18	3.31	3.39	5.59E-01	7.74E-01	1.29E-02	5.84E-03	1.60E-03	8.43E-01
<i>CG42382</i>	FBgn0259728	FBpp0289271	Cobs_09902	1	4.57	5.29	4.32	4.47	3.58E-01	8.03E-01	3.35E-03	1.73E-03	1.87E-04	5.93E-01
<i>Prp19</i>	FBgn0261119	FBpp0085902	Cobs_09918	1	6.61	5.88	6.63	6.52	9.69E-01	7.84E-01	1.11E-02	2.43E-02	7.61E-03	7.86E-01
<i>l(1)G0222</i>	FBgn0028343	FBpp0290629	Cobs_09931	1	4.34	4.79	4.48	4.47	4.26E-01	4.19E-01	3.31E-03	3.21E-02	2.55E-02	9.94E-01
-	-	FBpp0071228	Cobs_09953	1	7.92	7.13	7.95	8.22	9.58E-01	3.25E-01	7.23E-03	4.92E-04	4.82E-03	4.34E-01

<i>unc79</i>	FBgn0038693	FBpp0290906	Cobs_09956	1	5.01	5.87	4.94	5.18	7.97E-01	5.07E-01	5.23E-04	3.98E-03	1.87E-04	3.69E-01
<i>Lip4</i>	FBgn0032264	FBpp0079682	Cobs_10062	1	8.97	11.37	9.13	9.05	8.96E-01	9.51E-01	7.44E-03	8.61E-03	9.73E-03	9.53E-01
<i>CG4291</i>	FBgn0031287	FBpp0077698	Cobs_10069	0	6.16	6.56	6.19	6.18	9.19E-01	9.11E-01	2.11E-02	2.85E-02	2.44E-02	9.97E-01
<i>CG5525</i>	FBgn0032444	FBpp0079992	Cobs_10092	1	7.55	6.85	7.60	7.59	8.96E-01	9.01E-01	4.51E-03	2.80E-03	2.35E-03	9.94E-01
<i>CG15279</i>	FBgn0028886	FBpp0290069	Cobs_10107	1	3.35	1.61	3.02	2.42	1.99E-01	1.06E-03	2.99E-06	1.25E-02	4.56E-05	5.35E-02
<i>nudE</i>	FBgn0036059	FBpp0112071	Cobs_10115	1	5.81	6.49	5.96	6.03	6.03E-01	3.69E-01	4.46E-03	4.73E-02	1.78E-02	8.27E-01
<i>DNApol-alpha50</i>	FBgn0011762	FBpp0076330	Cobs_10137	1	1.96	0.78	1.47	1.63	1.70E-01	2.85E-01	1.53E-03	2.62E-02	4.51E-02	8.23E-01
<i>rept</i>	FBgn0040075	FBpp0074756	Cobs_10229	1	6.40	5.66	6.39	6.27	9.73E-01	6.65E-01	1.01E-02	3.35E-02	9.08E-03	7.49E-01
<i>l(1)G0148</i>	FBgn0028360	FBpp0070911	Cobs_10237	1	4.91	3.82	5.03	4.78	7.77E-01	7.18E-01	6.51E-03	1.89E-02	2.08E-03	5.34E-01
<i>CG31064</i>	FBgn0051064	FBpp0084495	Cobs_10258	0	4.89	5.58	4.92	4.92	9.57E-01	9.53E-01	6.11E-03	7.95E-03	5.63E-03	9.99E-01
-	-	FBpp0110535	Cobs_10274	1	4.48	3.75	4.50	4.49	9.48E-01	9.77E-01	4.71E-03	5.61E-03	2.81E-03	9.36E-01
<i>w</i>	FBgn0003996	FBpp0070468	Cobs_10276	1	6.26	8.13	6.67	6.21	3.61E-01	9.15E-01	3.26E-05	4.03E-05	4.66E-04	3.24E-01
<i>NA</i>	NA	No hits found	Cobs_10280	0	3.23	5.31	3.69	2.89	4.47E-01	5.10E-01	2.98E-05	1.86E-05	1.74E-04	1.65E-01
<i>Ndc1</i>	FBgn0039125	FBpp0083879	Cobs_10309	1	5.11	4.04	4.99	4.84	8.06E-01	4.65E-01	5.57E-03	3.94E-02	9.56E-03	7.32E-01
<i>CG13604</i>	FBgn0039137	FBpp0112189	Cobs_10310	1	4.84	5.27	4.79	4.88	8.32E-01	8.40E-01	2.46E-02	4.63E-02	9.17E-03	6.97E-01
<i>Rpl31</i>	FBgn0025286	FBpp0087608	Cobs_10311	1	9.92	10.98	10.23	10.42	2.12E-01	2.24E-02	3.74E-05	1.58E-02	1.48E-03	4.80E-01
<i>Rpn9</i>	FBgn0028691	FBpp0083861	Cobs_10320	1	6.32	5.72	6.62	6.71	2.23E-01	8.19E-02	1.16E-02	1.33E-04	2.90E-04	7.93E-01
<i>NA</i>	NA	No hits found	Cobs_10345	0	4.98	4.29	4.77	4.67	3.00E-01	9.43E-02	5.72E-04	4.33E-02	8.72E-03	6.97E-01
<i>CG1240</i>	FBgn0035370	FBpp0072839	Cobs_10429	1	9.36	8.75	9.32	9.62	8.77E-01	1.76E-01	2.27E-03	7.66E-05	3.35E-03	1.62E-01
<i>Aph-4</i>	FBgn0016123	FBpp0085095	Cobs_10568	1	7.71	5.56	7.56	7.89	8.88E-01	8.43E-01	5.71E-03	2.92E-03	7.65E-03	7.56E-01
<i>CG2889</i>	FBgn0030206	FBpp0298822	Cobs_10681	0	7.97	8.96	8.14	8.18	7.27E-01	6.49E-01	1.49E-02	4.97E-02	3.78E-02	9.60E-01
<i>sqd</i>	FBgn0263396	FBpp0082319	Cobs_10726	0	7.47	6.58	7.48	7.56	9.73E-01	7.34E-01	3.78E-04	1.41E-04	3.10E-04	8.10E-01
<i>Npc2a</i>	FBgn0031381	FBpp0077492	Cobs_10839	1	3.84	3.27	3.88	3.85	9.37E-01	9.36E-01	2.73E-02	3.55E-02	1.59E-02	8.93E-01
<i>Pabp2</i>	FBgn0005648	FBpp0087864	Cobs_10901	1	4.40	3.75	4.56	4.50	5.65E-01	7.23E-01	1.49E-02	5.44E-03	2.07E-03	8.81E-01
-	-	FBpp0077334	Cobs_10907	0	1.89	0.93	1.76	1.83	7.62E-01	8.90E-01	1.21E-02	2.02E-02	2.28E-02	9.12E-01
<i>Taf13</i>	FBgn0032847	FBpp0080872	Cobs_10930	1	5.18	4.87	5.19	5.26	9.94E-01	6.79E-01	4.32E-02	1.30E-02	3.44E-02	7.37E-01
<i>Scgalpha</i>	FBgn0032013	FBpp0079217	Cobs_10974	1	3.56	4.21	3.21	3.36	1.10E-01	3.33E-01	3.07E-03	2.95E-04	3.28E-05	6.13E-01
<i>5Ptasel</i>	FBgn0259178	FBpp0288936	Cobs_10987	1	5.94	6.43	5.93	6.03	9.73E-01	6.39E-01	1.02E-02	3.78E-02	7.09E-03	6.63E-01
<i>Pabp2</i>	FBgn0005648	FBpp0087864	Cobs_11061	0	7.00	6.28	7.34	6.98	3.27E-01	9.53E-01	2.20E-02	2.45E-02	1.06E-03	3.18E-01

<i>scrt</i>	FBgn0004880	FBpp0073022	Cobs_11078	0	3.21	4.12	3.06	3.46	7.42E-01	2.91E-01	9.13E-04	1.80E-02	2.45E-04	1.85E-01
NA	NA	No hits found	Cobs_11124	0	2.13	1.02	3.39	2.40	6.74E-04	4.52E-01	1.38E-02	2.19E-03	2.04E-06	7.90E-03
<i>CG6619</i>	FBgn0035676	FBpp0076757	Cobs_11140	1	5.42	6.15	5.25	5.64	4.80E-01	3.13E-01	1.11E-03	1.72E-02	1.17E-04	9.74E-02
<i>Or13a</i>	FBgn0030715	FBpp0073938	Cobs_11149	0	7.83	5.21	9.58	8.14	2.07E-01	8.38E-01	4.53E-02	2.29E-02	1.35E-03	3.42E-01
<i>mRpL52</i>	FBgn0033208	FBpp0088016	Cobs_11161	1	3.96	3.56	4.25	4.41	1.03E-01	6.65E-03	2.32E-02	3.49E-05	2.15E-04	3.93E-01
<i>RpS17</i>	FBgn0005533	FBpp0076207	Cobs_11179	1	10.45	11.48	10.41	10.76	8.95E-01	4.94E-02	1.16E-06	1.16E-04	9.38E-07	5.80E-02
<i>mus308</i>	FBgn0002905	FBpp0082131	Cobs_11464	1	5.10	4.02	5.00	4.55	7.04E-01	8.05E-03	1.49E-05	1.54E-02	4.56E-05	4.68E-02
<i>RpL21</i>	FBgn0032987	FBpp0085314	Cobs_11474	1	8.63	9.61	8.63	9.15	9.89E-01	6.97E-03	1.92E-05	2.24E-02	2.31E-05	1.67E-02
<i>Tsc1</i>	FBgn0026317	FBpp0083931	Cobs_11496	1	7.27	7.70	7.32	7.31	7.13E-01	7.80E-01	7.86E-04	1.97E-03	2.24E-03	9.46E-01
<i>Psi</i>	FBgn0014870	FBpp0086221	Cobs_11673	1	8.02	9.09	8.18	8.18	4.03E-01	3.85E-01	2.27E-06	2.88E-05	2.31E-05	9.89E-01
<i>FKBP59</i>	FBgn0029174	FBpp0079468	Cobs_11676	1	6.50	5.54	6.48	6.74	9.55E-01	4.21E-01	1.54E-03	1.75E-04	1.60E-03	4.37E-01
<i>mRpS18B</i>	FBgn0032849	FBpp0080871	Cobs_11729	1	3.99	3.41	4.28	4.30	2.77E-01	1.94E-01	2.00E-02	7.86E-04	7.43E-04	9.28E-01
<i>Prosalph6</i>	FBgn0250843	FBpp0079538	Cobs_11762	1	7.67	7.12	7.83	8.36	5.63E-01	2.83E-03	1.52E-02	1.00E-05	2.13E-03	3.57E-02
<i>REG</i>	FBgn0029133	FBpp0073561	Cobs_11838	1	6.39	5.68	6.43	6.50	9.00E-01	7.41E-01	1.83E-02	6.27E-03	9.33E-03	8.84E-01
<i>CG33199</i>	FBgn0053199	FBpp0298345	Cobs_11921	0	5.50	6.39	5.87	5.69	6.69E-02	3.36E-01	3.45E-05	6.45E-04	5.74E-03	4.23E-01
<i>skpA</i>	FBgn0025637	FBpp0099971	Cobs_11995	1	4.21	3.68	4.18	4.25	9.57E-01	8.59E-01	3.63E-03	2.26E-03	3.27E-03	8.42E-01
<i>mRpL24</i>	FBgn0031651	FBpp0078694	Cobs_12017	1	4.94	4.53	5.31	5.21	8.68E-02	1.92E-01	4.79E-02	1.79E-03	3.50E-04	7.19E-01
<i>jp</i>	FBgn0032129	FBpp0293020	Cobs_12143	0	0.82	1.69	0.79	0.65	9.60E-01	9.22E-01	3.33E-02	2.74E-02	3.11E-02	9.01E-01
<i>CG5065</i>	FBgn0034145	FBpp0297360	Cobs_12230	0	4.10	5.73	4.06	2.85	9.22E-01	8.57E-02	4.96E-03	1.63E-04	2.50E-03	1.57E-01
-	-	FBpp0089114	Cobs_12232	0	5.16	5.91	5.03	5.40	5.92E-01	2.24E-01	7.16E-04	1.87E-02	1.18E-04	9.35E-02
<i>RpS3A</i>	FBgn0017545	FBpp0300615	Cobs_12237	1	10.93	11.84	11.12	11.36	4.44E-01	4.57E-02	1.97E-04	3.39E-02	1.84E-03	3.58E-01
NA	NA	No hits found	Cobs_12239	0	1.57	0.21	1.84	1.58	4.42E-01	9.33E-01	1.14E-02	9.66E-03	1.10E-03	5.69E-01
<i>CG10973</i>	FBgn0036306	FBpp0099759	Cobs_12244	1	7.34	8.09	7.68	7.66	4.44E-02	3.58E-02	2.90E-05	7.53E-03	9.08E-03	9.39E-01
-	-	FBpp0300172	Cobs_12255	1	3.14	4.00	3.08	3.26	7.46E-01	7.30E-01	9.46E-04	3.46E-03	2.32E-04	5.11E-01
<i>AstA-R1</i>	FBgn0266429	FBpp0070550	Cobs_12273	0	3.85	4.38	3.80	3.74	8.51E-01	7.20E-01	8.16E-03	3.17E-03	3.09E-03	9.08E-01
<i>Klp3A</i>	FBgn0011606	FBpp0070432	Cobs_12296	1	5.58	4.97	5.47	5.32	4.35E-01	5.10E-02	8.13E-05	1.58E-02	7.95E-04	3.72E-01
<i>CG32121</i>	FBgn0052121	FBpp0112336	Cobs_12300	1	4.90	5.67	5.09	4.96	4.46E-01	8.18E-01	3.44E-04	9.35E-04	2.71E-03	6.80E-01
<i>CDase</i>	FBgn0039774	FBpp0085011	Cobs_12439	0	5.00	6.44	4.97	5.38	9.48E-01	4.92E-01	6.49E-03	4.21E-02	3.87E-03	4.92E-01
<i>CG3338</i>	FBgn0031598	FBpp0077151	Cobs_12458	1	5.00	5.36	4.99	5.01	9.74E-01	9.85E-01	2.31E-02	2.43E-02	1.59E-02	9.67E-01

<i>beat-VII</i>	FBgn0250908	FBpp0288767	Cobs_12464	1	1.83	2.60	1.40	1.78	3.39E-01	1.00E+00	3.69E-02	4.18E-02	1.92E-03	3.82E-01
<i>RpL7A</i>	FBgn0014026	FBpp0070878	Cobs_12467	1	10.39	11.23	10.56	10.81	3.66E-01	1.02E-02	1.49E-05	1.30E-02	2.18E-04	1.78E-01
<i>Ntf-2</i>	FBgn0031145	FBpp0111920	Cobs_12475	1	7.75	7.33	8.01	7.82	2.65E-01	8.08E-01	4.70E-02	2.03E-02	1.65E-03	4.43E-01
<i>Cen</i>	FBgn0032876	FBpp0080931	Cobs_12483	1	6.32	6.92	6.17	6.36	5.39E-01	8.80E-01	4.32E-03	7.18E-03	5.45E-04	4.51E-01
<i>sdk</i>	FBgn0021764	FBpp0291469	Cobs_12500	1	7.09	6.62	7.08	6.92	9.68E-01	2.48E-01	2.05E-03	4.07E-02	2.00E-03	3.42E-01
<i>RpS24</i>	FBgn0261596	FBpp0071846	Cobs_12509	1	9.70	10.69	9.78	10.08	7.49E-01	7.10E-02	4.87E-05	6.30E-03	1.66E-04	2.32E-01
<i>CG42741</i>	FBgn0261705	FBpp0292301	Cobs_12533	0	5.59	6.00	5.53	5.43	8.47E-01	5.00E-01	3.17E-02	4.84E-03	1.32E-02	7.30E-01
<i>CG11257</i>	FBgn0034442	FBpp0085713	Cobs_12559	1	5.70	6.22	5.92	5.79	1.71E-01	5.75E-01	7.46E-04	4.13E-03	2.92E-02	4.97E-01
-	-	FBpp0289064	Cobs_12584	1	3.57	4.51	3.71	3.15	5.70E-01	2.44E-01	6.11E-04	6.59E-05	2.56E-03	1.02E-01
-	-	FBpp0271754	Cobs_12875	1	5.82	6.61	5.85	6.11	9.36E-01	2.20E-01	1.24E-03	3.11E-02	1.36E-03	3.33E-01
<i>MESK2</i>	FBgn0043070	FBpp0088649	Cobs_12923	1	4.80	5.75	4.78	4.88	9.52E-01	6.94E-01	2.05E-05	1.02E-04	1.78E-05	6.87E-01
<i>Gr28b</i>	FBgn0045495	FBpp0089144	Cobs_12929	0	3.28	1.80	2.89	2.76	4.47E-01	2.30E-01	1.48E-03	3.22E-02	9.08E-03	7.84E-01
<i>CG42542</i>	FBgn0260659	FBpp0291531	Cobs_12938	0	4.59	5.16	4.77	4.54	2.87E-01	8.36E-01	2.95E-04	1.96E-04	5.17E-03	2.12E-01
<i>scat</i>	FBgn0011232	FBpp0079409	Cobs_12992	1	6.80	7.68	7.09	7.13	1.39E-01	6.65E-02	2.50E-05	3.36E-03	1.68E-03	8.98E-01
<i>CG8483</i>	FBgn0038126	FBpp0082250	Cobs_12998	0	0.74	2.07	1.01	1.04	6.40E-01	7.00E-01	3.77E-03	1.30E-02	1.10E-02	9.55E-01
<i>CSN6</i>	FBgn0028837	FBpp0083658	Cobs_13035	1	5.32	4.85	5.38	5.51	8.41E-01	4.58E-01	4.00E-02	5.40E-03	1.65E-02	6.93E-01
<i>SmF</i>	FBgn0000426	FBpp0087118	Cobs_13071	1	5.76	5.07	5.91	6.29	6.84E-01	7.82E-02	3.54E-02	4.34E-04	8.11E-03	2.82E-01
<i>CG32698</i>	FBgn0052698	FBpp0298824	Cobs_13093	1	4.82	5.49	4.67	4.68	6.18E-01	6.88E-01	2.09E-02	6.53E-03	3.34E-03	9.45E-01
<i>CG33970</i>	FBgn0053970	FBpp0099384	Cobs_13142	1	5.70	6.32	5.75	5.16	8.96E-01	5.94E-02	2.88E-02	2.50E-04	3.62E-02	6.67E-02
<i>CG5937</i>	FBgn0029834	FBpp0293889	Cobs_13176	1	5.12	5.60	4.89	5.10	3.42E-01	9.86E-01	2.36E-02	2.48E-02	1.18E-03	3.65E-01
<i>CG8910</i>	FBgn0025833	FBpp0086219	Cobs_13205	1	4.12	4.74	3.88	3.96	4.23E-01	6.72E-01	2.09E-02	6.55E-03	1.55E-03	7.93E-01
<i>CG9018</i>	FBgn0035318	FBpp0072788	Cobs_13256	1	6.11	7.29	5.97	6.02	7.22E-01	8.17E-01	1.08E-03	5.62E-04	2.88E-04	9.30E-01
<i>pirk</i>	FBgn0034647	FBpp0071599	Cobs_13613	0	3.94	4.98	3.72	3.71	5.52E-01	6.48E-01	3.67E-03	1.28E-03	4.66E-04	9.31E-01
<i>Crtc</i>	FBgn0036746	FBpp0074960	Cobs_13619	1	6.00	6.57	5.88	5.97	5.75E-01	9.11E-01	3.89E-03	2.72E-03	5.66E-04	7.17E-01
<i>NA</i>	NA	No hits found	Cobs_13651	0	1.77	2.44	1.32	1.62	3.65E-01	8.04E-01	4.85E-02	2.59E-02	3.12E-03	6.09E-01
<i>Dyb</i>	FBgn0033739	FBpp0087040	Cobs_13709	1	4.84	5.23	4.67	4.82	3.14E-01	9.27E-01	4.65E-03	3.61E-03	1.98E-04	4.09E-01
<i>CG11695</i>	FBgn0030316	FBpp0073362	Cobs_13715	0	3.23	4.44	2.50	3.53	1.42E-01	5.26E-01	5.04E-03	3.17E-02	8.67E-05	4.27E-02
<i>KrT95D</i>	FBgn0020647	FBpp0083895	Cobs_13723	0	5.57	6.00	5.41	5.55	4.41E-01	9.73E-01	1.49E-02	1.31E-02	1.19E-03	5.11E-01
<i>CG4168</i>	FBgn0028888	FBpp0294010	Cobs_13872	1	4.61	5.27	4.27	4.65	1.59E-01	8.99E-01	3.89E-03	6.55E-03	6.45E-05	1.36E-01

<i>Nox</i>	FBgn0085428	FBpp0111562	Cobs_13875	1	6.02	7.00	6.26	6.31	4.78E-01	3.42E-01	1.26E-03	1.64E-02	8.79E-03	9.12E-01
<i>Cht7</i>	FBgn0035398	FBpp0072985	Cobs_13890	1	6.35	7.02	6.25	6.43	6.97E-01	7.81E-01	1.84E-03	4.66E-03	4.45E-04	5.10E-01
<i>tup</i>	FBgn0003896	FBpp0080662	Cobs_13958	1	3.74	4.37	3.27	3.57	4.63E-02	5.37E-01	3.00E-03	6.78E-04	1.41E-05	2.21E-01
<i>CG18619</i>	FBgn0032202	FBpp0088678	Cobs_14022	1	5.38	7.40	5.41	5.51	9.93E-01	8.53E-01	2.26E-05	6.69E-05	2.47E-05	8.74E-01
<i>NA</i>	NA	No hits found	Cobs_14026	0	1.66	3.16	1.70	1.87	9.21E-01	7.50E-01	4.08E-04	1.50E-03	1.98E-04	7.02E-01
<i>RpS3</i>	FBgn0002622	FBpp0083802	Cobs_14034	1	10.18	10.91	10.28	10.42	6.45E-01	1.84E-01	2.20E-04	7.89E-03	9.01E-04	5.40E-01
<i>Rab30</i>	FBgn0031882	FBpp0079056	Cobs_14041	1	4.82	5.24	4.78	4.87	8.04E-01	9.48E-01	3.48E-02	4.21E-02	1.19E-02	7.81E-01
<i>NA</i>	NA	No hits found	Cobs_14104	0	5.08	6.10	5.20	5.52	7.13E-01	8.38E-02	3.06E-04	2.83E-02	8.38E-04	2.73E-01
<i>Klp67A</i>	FBgn0004379	FBpp0076227	Cobs_14119	1	5.29	3.98	5.11	4.63	4.93E-01	6.14E-03	1.22E-05	1.36E-02	6.87E-05	7.47E-02
<i>Prp8</i>	FBgn0033688	FBpp0087124	Cobs_14126	1	9.48	8.90	9.41	9.27	7.04E-01	2.10E-01	8.16E-04	2.13E-02	2.45E-03	5.28E-01
<i>CG12769</i>	FBgn0033252	FBpp0087903	Cobs_14175	1	5.92	6.49	6.06	6.06	5.11E-01	4.71E-01	2.27E-03	1.72E-02	1.35E-02	9.89E-01
<i>ncd</i>	FBgn0002924	FBpp0084900	Cobs_14213	1	4.79	3.70	4.48	4.20	1.71E-01	8.36E-03	2.84E-05	2.93E-02	9.95E-04	3.01E-01
<i>CG5745</i>	FBgn0038855	FBpp0083411	Cobs_14223	1	5.45	5.73	5.39	5.43	7.36E-01	8.69E-01	4.96E-02	2.85E-02	1.38E-02	8.98E-01
-	-	FBpp0292531	Cobs_14301	0	0.62	1.76	0.75	0.59	8.38E-01	9.51E-01	3.65E-03	3.54E-03	5.06E-03	8.17E-01
<i>Oseg1</i>	FBgn0265102	FBpp0076386	Cobs_14305	0	2.68	3.83	2.60	2.94	7.91E-01	5.58E-01	1.06E-03	6.64E-03	3.02E-04	4.02E-01
<i>CG15440</i>	FBgn0031607	FBpp0077144	Cobs_14357	0	2.47	1.57	2.77	2.56	3.22E-01	7.96E-01	2.85E-03	1.54E-03	1.59E-04	5.62E-01
<i>Prosbeta7</i>	FBgn0250746	FBpp0078449	Cobs_14446	1	6.36	5.90	6.79	7.42	7.62E-02	3.51E-05	3.94E-02	5.66E-07	2.34E-04	1.24E-02
<i>Nxt1</i>	FBgn0028411	FBpp0072150	Cobs_14471	1	3.71	3.05	3.69	3.72	9.48E-01	8.99E-01	9.45E-03	6.64E-03	5.56E-03	9.61E-01
<i>Hrb27C</i>	FBgn0004838	FBpp0290618	Cobs_14559	1	6.82	6.16	6.65	6.66	4.46E-01	4.19E-01	1.14E-03	1.09E-02	9.27E-03	9.98E-01
<i>Uch</i>	FBgn0010288	FBpp0292511	Cobs_14584	1	6.57	5.89	6.87	7.26	3.93E-01	2.49E-02	3.26E-02	1.19E-04	2.28E-03	2.87E-01
<i>Aplip1</i>	FBgn0040281	FBpp0072523	Cobs_14652	1	4.60	6.19	4.39	5.08	5.56E-01	9.43E-02	6.07E-06	3.87E-04	1.05E-06	3.48E-02
<i>RpL13</i>	FBgn0011272	FBpp0099517	Cobs_14911	1	5.16	5.92	5.23	5.33	8.33E-01	5.03E-01	1.37E-03	1.01E-02	2.26E-03	7.48E-01
<i>ey</i>	FBgn0005558	FBpp0099809	Cobs_15011	0	5.35	6.37	5.40	5.78	9.22E-01	1.07E-01	3.46E-04	2.41E-02	4.24E-04	1.95E-01
<i>CG7546</i>	FBgn0035793	FBpp0293610	Cobs_15051	1	9.51	10.27	9.50	9.53	9.52E-01	9.47E-01	3.74E-05	7.40E-05	3.82E-05	9.16E-01
<i>Hers</i>	FBgn0052529	FBpp0297487	Cobs_15080	1	7.50	8.06	7.63	7.53	5.81E-01	9.07E-01	9.58E-03	1.32E-02	4.17E-02	7.25E-01
<i>Kap-alpha3</i>	FBgn0027338	FBpp0290407	Cobs_15105	1	7.32	6.85	7.39	7.29	8.17E-01	9.32E-01	3.26E-02	3.91E-02	1.25E-02	7.75E-01
<i>IntS1</i>	FBgn0034964	FBpp0072077	Cobs_15121	1	6.11	5.79	6.16	6.08	7.62E-01	8.56E-01	1.83E-02	3.06E-02	5.29E-03	6.47E-01
<i>PDCD-5</i>	FBgn0036580	FBpp0075238	Cobs_15136	1	4.25	3.83	4.44	4.46	4.22E-01	3.46E-01	4.49E-02	4.05E-03	3.62E-03	9.50E-01
<i>CG5065</i>	FBgn0034145	FBpp0297360	Cobs_15165	0	2.81	1.48	2.51	2.52	5.01E-01	5.24E-01	2.09E-03	1.34E-02	1.02E-02	9.85E-01

<i>CG31324</i>	FBgn0051324	FBpp0084358	Cobs_15216	1	4.98	6.24	4.73	4.84	5.79E-01	7.97E-01	2.47E-03	1.29E-03	3.57E-04	8.33E-01
<i>Golgin84</i>	FBgn0039188	FBpp0084013	Cobs_15225	1	5.04	5.64	5.13	5.05	7.47E-01	9.93E-01	2.44E-03	2.80E-03	5.43E-03	7.90E-01
<i>Rpt6</i>	FBgn0020369	FBpp0076890	Cobs_15226	0	6.58	5.98	7.10	7.21	8.13E-02	2.06E-02	3.32E-02	1.03E-04	2.16E-04	7.93E-01
<i>tsr</i>	FBgn0011726	FBpp0072097	Cobs_15242	1	9.58	9.23	9.70	9.66	5.54E-01	6.94E-01	4.61E-02	1.34E-02	6.63E-03	8.82E-01
<i>crol</i>	FBgn0020309	FBpp0293786	Cobs_15252	0	5.36	5.68	5.34	5.25	9.08E-01	4.26E-01	1.96E-02	2.25E-03	1.01E-02	5.90E-01
<i>wupA</i>	FBgn0004028	FBpp0074299	Cobs_15266	1	9.40	9.97	9.61	9.13	2.97E-01	1.56E-01	2.84E-03	7.86E-05	4.88E-02	2.16E-02
<i>CG32645</i>	FBgn0052645	FBpp0073556	Cobs_15367	1	5.18	5.63	5.04	4.62	6.31E-01	1.81E-02	4.00E-02	1.21E-04	7.26E-03	1.13E-01
<i>CG12096</i>	FBgn0030457	FBpp0073558	Cobs_15369	1	4.95	4.33	4.82	4.88	6.93E-01	8.26E-01	1.94E-02	3.77E-02	4.96E-02	9.02E-01
<i>ogre</i>	FBgn0004646	FBpp0070996	Cobs_15401	1	5.99	4.98	5.50	5.81	4.68E-02	4.34E-01	9.62E-05	1.12E-03	2.31E-02	2.64E-01
<i>fru</i>	FBgn0004652	FBpp0083066	Cobs_15419	0	4.25	5.18	4.07	4.60	4.53E-01	1.07E-01	1.11E-04	9.63E-03	1.62E-05	2.81E-02
<i>hd</i>	FBgn0086695	FBpp0078445	Cobs_15420	1	4.58	5.52	4.43	4.88	5.68E-01	2.45E-01	3.51E-04	9.16E-03	5.61E-05	9.66E-02
<i>Rps26</i>	FBgn0261597	FBpp0080639	Cobs_15425	1	9.89	10.86	9.75	10.17	5.15E-01	1.30E-01	1.49E-05	7.70E-04	2.99E-06	4.16E-02
<i>Cirl</i>	FBgn0033313	FBpp0293618	Cobs_15426	0	1.00	1.95	1.27	0.63	5.41E-01	4.05E-01	9.95E-03	1.33E-03	4.14E-02	1.60E-01
<i>NA</i>	NA	No hits found	Cobs_15445	0	4.40	5.02	4.22	4.26	3.60E-01	6.24E-01	8.80E-04	2.61E-04	5.28E-05	7.62E-01
<i>Pde11</i>	FBgn0085370	FBpp0111456	Cobs_15450	1	6.32	6.79	6.30	6.21	9.63E-01	5.51E-01	4.06E-03	7.56E-04	2.77E-03	6.55E-01
<i>CG31760</i>	FBgn0051760	FBpp0290241	Cobs_15452	1	2.36	3.07	1.82	2.32	1.54E-01	9.41E-01	2.28E-02	1.99E-02	3.59E-04	2.21E-01
<i>CG9723</i>	FBgn0030768	FBpp0074150	Cobs_15506	1	4.11	3.04	4.09	4.15	9.87E-01	8.90E-01	2.24E-04	1.88E-04	2.07E-04	8.96E-01
<i>Plc21C</i>	FBgn0004611	FBpp0077711	Cobs_15529	0	3.60	4.18	3.37	3.55	3.12E-01	8.70E-01	1.49E-02	9.80E-03	6.11E-04	4.69E-01
-	-	FBpp0078826	Cobs_15554	1	5.63	6.33	5.34	4.90	4.00E-01	2.44E-02	2.16E-02	9.37E-05	1.44E-03	2.62E-01
<i>Nfl</i>	FBgn0042696	FBpp0088208	Cobs_15557	1	4.89	5.46	4.81	4.91	7.76E-01	9.08E-01	1.12E-02	1.65E-02	3.24E-03	7.14E-01
<i>lh</i>	FBgn0263397	FBpp0288549	Cobs_15567	0	1.14	2.51	0.53	1.17	3.32E-01	9.33E-01	1.14E-02	1.72E-02	6.01E-04	3.21E-01
-	-	FBpp0292460	Cobs_15589	1	8.13	8.82	8.37	8.15	2.99E-01	9.47E-01	1.58E-03	2.02E-03	2.85E-02	3.65E-01
<i>Pten</i>	FBgn0026379	FBpp0088841	Cobs_15599	0	5.39	5.83	4.94	4.85	5.87E-02	1.80E-02	4.51E-02	1.29E-04	1.98E-04	8.23E-01
<i>by</i>	FBgn0000244	FBpp0290315	Cobs_15602	1	6.65	7.05	6.46	6.33	3.30E-01	6.23E-02	2.11E-02	1.72E-04	9.78E-04	5.54E-01
<i>CG11180</i>	FBgn0034528	FBpp0085566	Cobs_15626	1	4.86	5.53	4.95	4.84	8.78E-01	8.97E-01	1.77E-02	1.15E-02	2.29E-02	7.96E-01
<i>Or46a</i>	FBgn0026388	FBpp0089407	Cobs_15681	1	2.37	0.93	2.59	2.40	4.90E-01	7.31E-01	3.08E-02	1.34E-02	4.19E-03	8.19E-01
<i>asp</i>	FBgn0000140	FBpp0084071	Cobs_15702	1	5.82	4.56	5.57	5.12	2.36E-01	6.21E-04	1.11E-06	6.51E-03	1.62E-05	3.59E-02
<i>CG16959</i>	FBgn0036481	FBpp0075409	Cobs_15713	1	3.80	4.98	4.13	3.48	3.92E-01	3.81E-01	5.73E-04	9.66E-05	4.82E-03	9.66E-02
<i>wee</i>	FBgn0011737	FBpp0078999	Cobs_15736	0	6.21	7.07	6.09	6.34	7.22E-01	6.92E-01	2.29E-03	7.86E-03	6.05E-04	4.54E-01

<i>Rpn3</i>	FBgn0261396	FBpp0291495	Cobs_15742	1	7.56	6.87	7.75	7.75	6.09E-01	5.88E-01	3.15E-02	6.19E-03	5.29E-03	9.97E-01
<i>Prosalpha7</i>	FBgn0023175	FBpp0089041	Cobs_15772	1	6.41	5.77	6.67	7.17	3.87E-01	5.39E-03	2.08E-02	2.43E-05	1.36E-03	1.05E-01
<i>BtbVII</i>	FBgn0263108	FBpp0298306	Cobs_15791	1	6.02	6.70	5.74	6.05	2.96E-01	9.14E-01	5.72E-03	8.31E-03	2.24E-04	2.59E-01
<i>CG1737</i>	FBgn0030293	FBpp0073309	Cobs_15801	0	5.87	6.30	5.75	5.68	5.73E-01	3.43E-01	3.60E-02	2.90E-03	5.17E-03	8.26E-01
<i>Dab</i>	FBgn0000414	FBpp0075077	Cobs_15809	1	3.92	4.66	3.68	4.09	4.02E-01	5.17E-01	7.63E-03	4.78E-02	5.04E-04	1.42E-01
<i>NA</i>	NA	No hits found	Cobs_15942	0	6.46	7.63	6.20	6.12	5.44E-01	3.66E-01	2.73E-03	2.46E-04	3.54E-04	8.76E-01
<i>CG14946</i>	FBgn0032405	FBpp0291239	Cobs_15947	0	3.96	4.58	3.51	3.97	9.79E-02	9.19E-01	1.76E-02	1.31E-02	1.45E-04	1.50E-01
<i>NA</i>	NA	No hits found	Cobs_15950	0	7.40	8.26	7.11	6.86	4.50E-01	1.00E-01	1.05E-02	1.45E-04	8.90E-04	5.46E-01
<i>Lapsyn</i>	FBgn0034602	FBpp0071509	Cobs_15992	0	2.64	3.22	2.54	2.56	6.94E-01	8.51E-01	5.16E-03	3.52E-03	1.06E-03	8.87E-01
<i>CG8485</i>	FBgn0033915	FBpp0086698	Cobs_15997	1	5.67	6.08	5.61	5.35	7.75E-01	6.53E-02	1.32E-02	1.27E-04	3.94E-03	1.96E-01
<i>knrl</i>	FBgn0001323	FBpp0077870	Cobs_16005	0	4.37	5.28	4.31	4.09	9.00E-01	5.74E-01	1.53E-02	3.52E-03	7.37E-03	7.40E-01
<i>knrl</i>	FBgn0001323	FBpp0077870	Cobs_16010	0	3.42	3.96	3.24	2.87	4.80E-01	4.36E-02	2.71E-02	2.21E-04	2.55E-03	2.87E-01
<i>CG5721</i>	FBgn0034315	FBpp0085950	Cobs_16079	1	5.15	4.79	5.50	5.19	5.70E-02	8.18E-01	3.87E-02	1.84E-02	1.71E-04	1.21E-01
<i>EftuM</i>	FBgn0024556	FBpp0290603	Cobs_16114	1	5.95	5.40	6.16	6.36	4.92E-01	1.31E-01	4.94E-02	1.10E-03	5.40E-03	5.76E-01
<i>Obp56a</i>	FBgn0034468	FBpp0085672	Cobs_16119	0	5.58	5.07	5.81	5.58	2.64E-01	9.73E-01	1.20E-02	1.32E-02	3.90E-04	2.74E-01
<i>Ran</i>	FBgn0020255	FBpp0073328	Cobs_16120	1	7.43	6.75	7.31	7.71	7.37E-01	3.00E-01	1.32E-02	7.70E-04	3.18E-02	1.89E-01
<i>RnrS</i>	FBgn0011704	FBpp0087152	Cobs_16131	1	6.32	5.26	6.27	6.45	9.10E-01	7.71E-01	4.05E-03	1.62E-03	4.82E-03	7.12E-01
<i>RpS7</i>	FBgn0039757	FBpp0088440	Cobs_16140	0	7.81	8.85	7.87	8.46	8.01E-01	9.60E-04	7.12E-06	4.63E-02	1.78E-05	7.08E-03
<i>CG2269</i>	FBgn0033484	FBpp0087496	Cobs_16244	1	5.38	6.02	5.44	5.43	8.01E-01	8.29E-01	6.77E-04	1.58E-03	1.27E-03	9.81E-01
<i>rudhira</i>	FBgn0266019	FBpp0294056	Cobs_16315	0	2.36	3.17	1.88	2.33	2.57E-01	9.08E-01	2.31E-02	1.72E-02	7.61E-04	3.70E-01
<i>CG6966</i>	FBgn0038286	FBpp0112148	Cobs_16345	1	6.62	6.97	6.30	6.51	4.50E-02	4.92E-01	1.97E-02	2.72E-03	6.05E-05	2.20E-01
<i>RpS5a</i>	FBgn0002590	FBpp0074180	Cobs_16357	1	9.79	10.62	9.76	10.02	8.84E-01	1.29E-01	6.87E-06	3.04E-04	4.43E-06	1.27E-01
<i>dnk</i>	FBgn0022338	FBpp0083121	Cobs_16383	0	3.38	2.54	3.16	3.30	5.15E-01	8.74E-01	7.29E-03	1.32E-02	3.43E-02	7.06E-01
<i>CG2051</i>	FBgn0037376	FBpp0078319	Cobs_16409	1	4.90	4.12	4.75	4.73	6.02E-01	5.18E-01	3.79E-03	2.37E-02	1.43E-02	9.48E-01
<i>HIP-R</i>	FBgn0029676	FBpp0070572	Cobs_16527	0	4.84	4.34	4.76	4.73	7.34E-01	6.34E-01	9.12E-03	3.59E-02	2.06E-02	9.36E-01
<i>wtrw</i>	FBgn0260005	FBpp0081252	Cobs_16546	1	6.64	6.96	6.63	6.51	9.35E-01	3.97E-01	3.82E-02	3.68E-03	2.40E-02	5.34E-01
<i>fd68A</i>	FBgn0036134	FBpp0290010	Cobs_16594	1	7.84	8.88	7.82	7.68	9.66E-01	7.16E-01	8.36E-03	2.59E-03	5.81E-03	8.01E-01
<i>barr</i>	FBgn0014127	FBpp0080881	Cobs_16605	1	4.94	4.15	4.92	4.81	9.57E-01	5.93E-01	6.01E-04	3.28E-03	6.08E-04	7.03E-01
<i>CG10237</i>	FBgn0032783	FBpp0080749	Cobs_16607	1	5.23	6.06	4.92	4.78	4.70E-01	2.25E-01	2.57E-02	1.21E-03	2.42E-03	7.66E-01

<i>CG3709</i>	FBgn0031227	FBpp0077806	Cobs_16608	1	5.05	4.47	5.10	5.04	8.35E-01	9.26E-01	1.05E-02	1.43E-02	3.94E-03	7.86E-01
<i>PIG-C</i>	FBgn0035435	FBpp0289977	Cobs_16615	1	4.02	4.87	4.41	4.37	1.54E-01	1.89E-01	1.06E-03	3.45E-02	4.11E-02	9.14E-01
<i>HP1b</i>	FBgn0030082	FBpp0291019	Cobs_16619	1	8.07	7.02	7.98	7.85	7.80E-01	4.36E-01	1.68E-04	1.68E-03	4.24E-04	7.38E-01
<i>qua</i>	FBgn0003187	FBpp0297295	Cobs_16673	1	4.39	3.87	4.37	4.22	9.05E-01	2.44E-01	1.35E-03	3.07E-02	1.60E-03	3.79E-01
<i>Prosbeta2</i>	FBgn0023174	FBpp0075382	Cobs_16676	1	7.01	6.43	7.21	7.56	5.14E-01	3.23E-02	3.04E-02	1.29E-04	3.51E-03	2.43E-01
<i>Rbp</i>	FBgn0262483	FBpp0293364	Cobs_16697	1	5.12	5.72	4.91	5.16	4.08E-01	8.51E-01	9.79E-03	1.78E-02	6.63E-04	3.22E-01
<i>CG30053</i>	FBgn0050053	FBpp0086986	Cobs_16700	1	4.48	5.45	3.95	4.74	3.10E-02	2.40E-01	4.58E-05	1.51E-03	4.98E-07	2.81E-03
<i>CG10311</i>	FBgn0038420	FBpp0082774	Cobs_16716	1	3.39	4.40	3.39	3.41	9.15E-01	9.54E-01	1.30E-02	1.16E-02	6.08E-03	9.68E-01
<i>uzip</i>	FBgn0004055	FBpp0072304	Cobs_16737	1	5.51	5.94	5.36	5.09	5.02E-01	3.39E-02	2.28E-02	1.18E-04	2.39E-03	2.47E-01
<i>CG2794</i>	FBgn0031265	FBpp0077727	Cobs_16739	1	5.12	3.92	5.30	5.24	5.10E-01	7.12E-01	1.41E-04	7.62E-05	2.50E-05	8.38E-01
<i>polo</i>	FBgn0003124	FBpp0099722	Cobs_16820	1	6.43	5.16	6.23	5.72	4.52E-01	2.90E-03	8.90E-06	2.07E-02	6.73E-05	4.98E-02
<i>CG5245</i>	FBgn0038047	FBpp0082061	Cobs_16831	0	6.11	6.54	6.24	6.19	3.86E-01	6.23E-01	2.27E-03	1.01E-02	2.37E-02	7.80E-01
<i>CG9437</i>	FBgn0034599	FBpp0071502	Cobs_16920	0	-0.27	1.63	0.41	0.35	4.26E-01	4.19E-01	2.43E-03	2.63E-02	1.93E-02	9.95E-01
<i>CG4038</i>	FBgn0011824	FBpp0071562	Cobs_16983	1	6.29	5.30	6.20	6.36	8.74E-01	9.10E-01	2.34E-02	1.51E-02	3.24E-02	8.05E-01
<i>RpL24</i>	FBgn0032518	FBpp0080102	Cobs_16986	1	9.91	10.79	10.07	10.33	4.80E-01	3.36E-02	8.09E-05	2.21E-02	7.42E-04	2.75E-01
<i>Pof</i>	FBgn0035047	FBpp0297610	Cobs_16988	1	6.07	6.61	6.04	6.03	9.12E-01	9.05E-01	2.62E-02	1.66E-02	1.43E-02	9.95E-01
<i>PCNA</i>	FBgn0005655	FBpp0085619	Cobs_16990	1	6.48	5.26	6.11	6.18	3.00E-01	3.61E-01	5.14E-04	6.38E-03	8.44E-03	9.07E-01
<i>CG6765</i>	FBgn0035903	FBpp0076347	Cobs_16992	1	5.12	5.96	4.85	5.30	2.17E-01	3.29E-01	7.42E-05	1.50E-03	3.56E-06	3.45E-02
<i>Zfrp8</i>	FBgn0021875	FBpp0072162	Cobs_17006	1	9.89	10.74	9.99	10.32	6.31E-01	1.74E-02	4.87E-05	2.56E-02	2.45E-04	1.18E-01
<i>CG2064</i>	FBgn0033205	FBpp0087997	Cobs_17047	0	2.85	5.35	3.61	2.17	2.62E-01	3.81E-01	5.08E-05	3.24E-05	6.44E-04	6.35E-02
<i>CG14515</i>	FBgn0039648	FBpp0084758	Cobs_17048	1	3.93	5.09	3.24	0.39	1.25E-01	3.78E-05	7.86E-03	1.57E-06	1.02E-04	2.26E-03
<i>Tret1-2</i>	FBgn0033644	FBpp0087180	Cobs_17061	0	5.24	6.33	5.12	4.44	8.39E-01	8.93E-02	1.01E-02	1.67E-04	3.82E-03	2.10E-01
<i>CG6923</i>	FBgn0037944	FBpp0300326	Cobs_17084	1	7.38	7.92	7.46	7.38	7.34E-01	9.98E-01	6.15E-03	5.90E-03	1.57E-02	7.68E-01
<i>CG1299</i>	FBgn0035501	FBpp0073071	Cobs_17086	1	5.14	5.96	5.21	5.18	8.88E-01	9.57E-01	1.39E-02	1.64E-02	1.75E-02	9.41E-01
<i>Obp83a</i>	FBgn0011281	FBpp0078305	Cobs_17118	0	3.68	3.03	4.41	3.85	7.90E-03	5.20E-01	3.44E-02	6.37E-03	2.58E-05	5.26E-02
<i>RNaseX25</i>	FBgn0010406	FBpp0076469	Cobs_17205	0	3.30	2.75	3.79	3.29	4.95E-02	8.73E-01	2.80E-02	4.69E-02	1.20E-04	4.10E-02
<i>CG9328</i>	FBgn0032886	FBpp0080944	Cobs_17230	1	4.02	4.76	4.06	4.02	8.64E-01	9.93E-01	2.48E-03	3.08E-03	3.34E-03	8.93E-01
<i>His3:CG33812</i>	FBgn0053812	FBpp0091058	Cobs_17232	0	7.38	5.94	6.90	7.06	1.27E-01	2.83E-01	2.35E-05	4.95E-04	1.66E-03	6.89E-01
<i>His2B:CG33870</i>	FBgn0053870	FBpp0091115	Cobs_17248	0	6.06	4.36	5.65	5.94	1.88E-01	7.13E-01	6.07E-06	2.43E-05	1.41E-04	4.14E-01

<i>CG3902</i>	FBgn0036824	FBpp0074843	Cobs_17251	0	9.51	8.51	9.28	9.56	5.36E-01	8.94E-01	1.83E-03	1.15E-03	1.05E-02	4.59E-01
<i>His2A:CG33817</i>	FBgn0053817	FBpp0091063	Cobs_17256	0	7.40	5.71	6.80	7.17	4.68E-02	4.35E-01	1.78E-06	1.76E-05	2.70E-04	2.55E-01
<i>CG10214</i>	FBgn0039115	FBpp0083854	Cobs_17294	1	3.71	3.00	3.80	3.88	7.17E-01	5.37E-01	3.89E-03	7.85E-04	9.48E-04	8.73E-01
<i>Klp61F</i>	FBgn0004378	FBpp0072616	Cobs_17297	1	5.64	4.21	5.37	4.79	2.99E-01	1.11E-03	4.26E-06	1.97E-02	4.89E-05	4.08E-02
<i>tok</i>	FBgn0004885	FBpp0084069	Cobs_17314	0	5.64	5.17	5.67	5.56	9.35E-01	7.16E-01	1.23E-02	3.50E-02	7.14E-03	6.91E-01
<i>CG31140</i>	FBgn0051140	FBpp0290185	Cobs_17443	1	6.48	7.20	6.56	6.83	7.24E-01	3.13E-02	8.53E-05	2.54E-02	2.85E-04	1.35E-01
<i>Prosalph1</i>	FBgn0263121	FBpp0087969	Cobs_17444	0	6.64	6.13	6.85	7.24	4.05E-01	9.09E-03	3.36E-02	5.18E-05	2.47E-03	1.39E-01
<i>Vrp1</i>	FBgn0243516	FBpp0291503	Cobs_17491	0	6.55	6.92	6.55	6.47	9.95E-01	7.27E-01	3.90E-02	1.31E-02	3.19E-02	7.78E-01
<i>SmD3</i>	FBgn0023167	FBpp0087094	Cobs_17520	1	5.77	4.73	5.52	5.67	5.27E-01	8.18E-01	3.74E-03	8.03E-03	1.91E-02	7.62E-01
<i>mei-38</i>	FBgn0260986	FBpp0070248	Cobs_17551	0	7.42	5.96	7.18	6.78	2.71E-01	1.56E-03	1.34E-07	1.86E-04	1.42E-06	6.81E-02
<i>Myo28B1</i>	FBgn0040299	FBpp0079098	Cobs_17587	0	6.86	7.53	7.03	6.82	3.21E-01	8.69E-01	1.20E-04	9.39E-05	2.17E-03	2.51E-01
<i>Sk2</i>	FBgn0052484	FBpp0072854	Cobs_17596	1	5.41	6.77	5.73	4.98	2.56E-01	1.09E-01	6.87E-06	5.59E-07	1.27E-04	1.27E-02
<i>Klp68D</i>	FBgn0004381	FBpp0075762	Cobs_17598	1	5.60	5.99	5.50	5.50	5.89E-01	5.83E-01	1.53E-02	3.14E-03	2.26E-03	9.94E-01
<i>CG42575</i>	FBgn0260795	FBpp0290653	Cobs_17627	0	10.51	11.24	10.62	10.82	5.37E-01	3.80E-02	3.24E-05	7.91E-03	2.32E-04	2.55E-01
<i>CG7928</i>	FBgn0039740	FBpp0084965	Cobs_17631	0	4.29	2.96	4.12	3.69	5.36E-01	2.14E-02	3.09E-05	1.24E-02	1.70E-04	1.58E-01
<i>chb</i>	FBgn0021760	FBpp0088471	Cobs_17641	0	3.41	4.08	3.55	3.60	7.50E-01	6.75E-01	1.32E-02	4.53E-02	2.60E-02	9.49E-01
<i>Tcp-1zeta</i>	FBgn0027329	FBpp0073902	Cobs_17735	1	7.75	7.06	7.54	7.75	4.31E-01	9.92E-01	4.92E-03	4.48E-03	4.06E-02	4.56E-01
<i>Pp2A-29B</i>	FBgn0260439	FBpp0293227	Cobs_17811	1	6.64	6.20	6.84	6.74	3.86E-01	6.64E-01	3.52E-02	9.43E-03	2.34E-03	7.41E-01
<i>Adgf-A</i>	FBgn0036752	FBpp0089360	Cobs_17822	1	8.44	10.84	8.37	8.75	9.45E-01	6.42E-01	3.62E-04	1.58E-03	2.66E-04	6.34E-01
<i>Fie</i>	FBgn0026592	FBpp0073015	Cobs_17938	1	1.91	3.40	1.92	2.45	9.92E-01	2.67E-01	2.15E-03	4.10E-02	1.42E-03	3.18E-01
<i>CG12502</i>	FBgn0035171	FBpp0293242	Cobs_17946	1	1.30	3.18	1.70	1.84	6.62E-01	5.15E-01	4.97E-03	2.95E-02	1.14E-02	8.94E-01
<i>Nup58</i>	FBgn0038722	FBpp0083195	Cobs_17966	1	6.49	6.77	6.34	6.39	3.50E-01	5.41E-01	3.53E-02	6.00E-03	1.88E-03	8.07E-01
<i>CG4159</i>	FBgn0038811	FBpp0083351	Cobs_17971	1	4.37	3.98	4.64	4.41	1.35E-01	8.53E-01	3.72E-02	2.09E-02	4.92E-04	2.41E-01
<i>defl</i>	FBgn0036038	FBpp0076132	Cobs_18014	1	4.92	4.40	4.73	4.76	2.42E-01	2.84E-01	1.58E-03	2.81E-02	3.37E-02	9.23E-01
<i>l(2)k14710</i>	FBgn0021847	FBpp0297109	Cobs_18041	1	6.98	7.61	7.14	7.02	3.93E-01	8.32E-01	4.22E-04	9.36E-04	4.72E-03	5.96E-01
<i>CG8891</i>	FBgn0031663	FBpp0078684	Cobs_18044	1	4.69	3.94	4.43	4.72	2.65E-01	9.26E-01	1.64E-03	1.41E-03	2.91E-02	2.45E-01
<i>Lip4</i>	FBgn0032264	FBpp0293062	Cobs_18114	0	2.15	0.66	3.09	2.19	1.49E-02	8.33E-01	4.39E-03	2.75E-03	1.41E-05	3.97E-02
<i>CG4797</i>	FBgn0034909	FBpp0072148	Cobs_18130	1	7.69	8.49	7.66	7.73	9.57E-01	8.83E-01	2.21E-03	3.59E-03	1.56E-03	8.61E-01
<i>CG11050</i>	FBgn0031836	FBpp0078923	Cobs_18134	1	3.13	2.37	2.98	3.11	6.30E-01	9.53E-01	4.20E-03	5.85E-03	1.34E-02	7.32E-01

<i>Octbeta2R</i>	FBgn0038063	FBpp0293386	Cobs_18165	1	2.56	3.73	2.50	1.93	8.81E-01	2.81E-01	8.03E-03	8.23E-04	3.24E-03	4.40E-01
<i>RpS6</i>	FBgn0261592	FBpp0071087	Cobs_18190	1	10.17	10.98	10.18	10.49	9.63E-01	1.06E-01	2.53E-04	1.72E-02	2.89E-04	1.75E-01
<i>Nlp</i>	FBgn0016685	FBpp0084918	Cobs_18205	1	8.65	7.62	8.32	8.60	3.34E-01	9.11E-01	1.24E-03	1.84E-03	1.83E-02	4.39E-01
<i>tnc</i>	FBgn0039257	FBpp0296948	Cobs_18216	1	8.81	7.36	8.47	8.08	3.11E-01	1.28E-02	2.11E-05	1.40E-02	4.04E-04	2.51E-01
<i>CG11319</i>	FBgn0031835	FBpp0088584	Cobs_18251	1	3.45	3.94	3.30	3.37	4.49E-01	7.74E-01	2.50E-02	1.13E-02	2.00E-03	7.38E-01
<i>amon</i>	FBgn0023179	FBpp0084420	Cobs_18270	1	4.61	5.19	4.19	4.46	7.12E-02	5.80E-01	6.46E-03	1.49E-03	3.72E-05	2.65E-01
<i>CG1213</i>	FBgn0037387	FBpp0297096	Cobs_18279	0	2.95	1.25	3.50	2.76	2.24E-01	7.89E-01	8.04E-03	1.80E-02	3.54E-04	1.51E-01
<i>Rpd3</i>	FBgn0015805	FBpp0073173	Cobs_18285	1	5.11	4.67	5.23	5.48	6.83E-01	1.09E-01	4.84E-02	8.80E-04	1.12E-02	3.47E-01
<i>Mcm7</i>	FBgn0020633	FBpp0076312	Cobs_18287	1	5.99	4.77	5.75	5.59	5.14E-01	2.26E-01	5.95E-04	1.46E-02	3.34E-03	7.29E-01
<i>CG9953</i>	FBgn0035726	FBpp0076608	Cobs_18301	1	5.36	4.65	5.57	5.24	3.91E-01	6.52E-01	3.37E-03	1.32E-02	2.32E-04	1.94E-01
<i>dnc</i>	FBgn0000479	FBpp0070498	Cobs_18308	0	10.14	11.76	10.20	10.17	8.78E-01	9.38E-01	2.26E-05	4.51E-05	4.50E-05	9.47E-01

Supplementary Table S2: List of genes that are either significantly up- or downregulated in WO compared to all three other phenotypes.

The binary flag Orthology is set to 1, if orthology was confirmed in reciprocal blasts. The columns EM, QU, WM, and WO give the mean expression as assessed by limma. The last six columns give FDR values for pairwise comparisons, also produced with limma.

FB gene symbol	FB gene ID	FB protein ID	C.obs ID	Orthol.	EM	QU	WM	WO	EM vs WM	EM vs WO	EM vs QU	QU vs WO	QU vs WM	WO vs WM
<i>Cip4</i>	FBgn0035533	FBpp0297491	Cobs_00072	1	6.53	6.60	6.52	6.04	9.79E-01	9.26E-04	6.59E-01	2.95E-04	6.03E-01	3.30E-03
<i>cln3</i>	FBgn0036756	FBpp0074933	Cobs_00096	1	5.35	5.57	5.46	6.25	7.37E-01	1.08E-03	4.42E-01	1.12E-02	6.97E-01	9.05E-03
<i>CG8860</i>	FBgn0033691	FBpp0087119	Cobs_00179	0	6.27	6.00	6.32	7.04	9.10E-01	1.71E-02	4.42E-01	2.32E-03	3.19E-01	4.81E-02
<i>CG8331</i>	FBgn0033906	FBpp0291641	Cobs_00201	1	6.79	6.86	7.19	8.14	1.12E-01	3.48E-06	7.96E-01	1.00E-05	1.50E-01	7.42E-04
<i>Jhl-26</i>	FBgn0028424	FBpp0086283	Cobs_00347	0	3.26	3.33	3.28	4.49	9.73E-01	8.78E-03	8.97E-01	1.64E-02	9.17E-01	2.03E-02
<i>CG11929</i>	FBgn0031620	FBpp0077069	Cobs_00361	0	0.96	1.74	1.66	2.73	2.50E-01	1.17E-03	1.68E-01	4.69E-02	8.60E-01	4.14E-02
<i>Nmd3</i>	FBgn0023542	FBpp0070409	Cobs_00363	1	7.90	8.30	8.17	9.52	7.15E-01	6.29E-03	5.46E-01	3.77E-02	8.47E-01	4.14E-02
<i>Tim9a</i>	FBgn0030480	FBpp0073606	Cobs_00397	1	3.61	4.01	4.15	5.07	1.13E-01	3.34E-05	2.59E-01	7.65E-04	6.33E-01	5.41E-03
<i>osp</i>	FBgn0003016	FBpp0290711	Cobs_00410	1	6.80	6.65	6.82	6.30	9.31E-01	1.28E-03	3.51E-01	1.86E-02	2.63E-01	3.17E-03
<i>serp</i>	FBgn0260653	FBpp0074721	Cobs_00581	1	7.82	7.33	7.44	6.57	2.26E-01	6.23E-05	8.49E-02	6.56E-03	7.00E-01	6.07E-03
<i>lh</i>	FBgn0263397	FBpp0288731	Cobs_00625	0	4.85	5.19	4.98	3.81	8.71E-01	5.18E-03	4.44E-01	7.91E-04	5.50E-01	8.25E-03
<i>Mes-4</i>	FBgn0039559	FBpp0084636	Cobs_00629	0	2.93	3.32	2.92	1.81	8.97E-01	3.93E-03	3.37E-01	4.67E-04	2.17E-01	1.38E-02
<i>CG6523</i>	FBgn0032509	FBpp0080044	Cobs_00872	1	7.04	6.94	7.40	8.08	2.32E-01	3.53E-04	7.67E-01	1.67E-04	8.47E-02	2.71E-02
<i>mRpl21</i>	FBgn0036853	FBpp0074789	Cobs_00875	1	4.05	4.05	4.32	4.92	4.01E-01	1.86E-03	9.59E-01	2.10E-03	3.13E-01	3.92E-02
<i>NP15.6</i>	FBgn0027785	FBpp0083126	Cobs_01012	1	5.50	5.22	5.78	6.33	2.42E-01	3.42E-04	2.36E-01	2.88E-05	1.08E-02	2.32E-02
<i>primo-1</i>	FBgn0040077	FBpp0099895	Cobs_01015	0	2.32	2.20	2.50	3.27	6.39E-01	1.68E-03	7.42E-01	9.42E-04	3.40E-01	1.48E-02
<i>CG15661</i>	FBgn0034605	FBpp0110111	Cobs_01020	0	9.77	9.57	10.13	11.31	4.21E-01	3.38E-04	6.59E-01	1.18E-04	1.46E-01	1.10E-02
<i>CG6750</i>	FBgn0032292	FBpp0079711	Cobs_01103	1	4.36	4.34	4.48	5.00	6.75E-01	5.39E-03	9.39E-01	5.16E-03	5.58E-01	3.77E-02
<i>NA</i>	NA	No hits found	Cobs_01255	0	4.41	4.35	4.39	5.07	9.69E-01	3.13E-02	9.01E-01	2.39E-02	9.29E-01	4.81E-02
<i>Tgi</i>	FBgn0036373	FBpp0075552	Cobs_01265	0	5.58	5.90	5.69	5.12	6.39E-01	1.49E-02	9.69E-02	2.31E-04	2.52E-01	9.60E-03
<i>ATPsyn-Cf6</i>	FBgn0016119	FBpp0297124	Cobs_01405	1	5.72	5.81	6.17	6.89	7.85E-02	1.99E-05	7.70E-01	6.69E-05	1.14E-01	6.94E-03
<i>CG11333</i>	FBgn0039850	FBpp0085150	Cobs_01531	1	4.15	4.52	4.89	5.84	9.73E-02	1.28E-04	4.55E-01	1.38E-03	3.38E-01	2.59E-02
<i>CG17896</i>	FBgn0023537	FBpp0070087	Cobs_01532	1	5.29	4.95	5.26	6.09	9.84E-01	2.13E-02	3.87E-01	2.42E-03	3.69E-01	3.86E-02
<i>Srp19</i>	FBgn0015298	FBpp0076589	Cobs_01611	1	5.85	5.92	6.03	6.47	3.91E-01	1.17E-03	7.53E-01	3.80E-03	5.83E-01	3.10E-02

<i>CG7630</i>	FBgn0040793	FBpp0074979	Cobs_01617	1	7.82	8.13	8.27	8.86	8.32E-02	9.35E-05	2.15E-01	3.35E-03	5.70E-01	3.10E-02
<i>CG1444</i>	FBgn0029975	FBpp0071047	Cobs_01644	1	6.42	6.76	6.61	7.57	6.95E-01	3.57E-03	4.17E-01	3.68E-02	7.14E-01	2.80E-02
<i>CG12975</i>	FBgn0037061	FBpp0077965	Cobs_01684	1	1.46	1.44	1.13	2.25	4.05E-01	3.73E-02	9.61E-01	3.77E-02	4.02E-01	9.24E-03
<i>CG8547</i>	FBgn0033919	FBpp0290422	Cobs_01820	1	7.78	7.69	7.64	7.15	4.21E-01	1.60E-04	5.93E-01	9.81E-04	7.80E-01	5.90E-03
<i>CG31075</i>	FBgn0051075	FBpp0084452	Cobs_01821	1	9.05	8.58	8.59	10.28	4.93E-01	3.11E-02	4.53E-01	4.13E-03	9.86E-01	1.08E-02
<i>CG40002</i>	FBgn0058002	FBpp0112496	Cobs_01829	0	5.36	5.62	5.61	6.31	1.99E-01	1.61E-05	1.74E-01	5.38E-04	9.89E-01	1.39E-03
<i>Mfe2</i>	FBgn0030731	FBpp0073988	Cobs_01914	1	7.29	7.62	8.03	8.83	2.12E-02	1.47E-05	2.78E-01	2.03E-04	1.53E-01	1.75E-02
<i>Spase25</i>	FBgn0030306	FBpp0073355	Cobs_02047	1	5.49	5.67	5.74	6.75	5.57E-01	5.66E-04	6.90E-01	2.36E-03	8.51E-01	9.41E-03
<i>SmG</i>	FBgn0261791	FBpp0111906	Cobs_02077	1	3.78	3.84	3.74	4.39	9.00E-01	2.15E-03	8.31E-01	5.61E-03	6.88E-01	4.07E-03
<i>trio</i>	FBgn0024277	FBpp0072540	Cobs_02128	1	8.14	8.13	8.15	7.85	9.31E-01	8.81E-03	9.69E-01	1.10E-02	8.82E-01	1.58E-02
<i>NA</i>	NA	No hits found	Cobs_02174	0	8.22	8.15	7.93	6.69	4.82E-01	7.26E-05	8.76E-01	1.50E-04	5.57E-01	2.40E-03
<i>CG32549</i>	FBgn0052549	FBpp0074343	Cobs_02193	1	6.11	6.62	6.70	7.30	1.86E-02	1.51E-05	2.82E-02	3.54E-03	7.42E-01	1.90E-02
<i>CG14482</i>	FBgn0034245	FBpp0086062	Cobs_02410	1	5.21	5.14	5.34	6.17	6.03E-01	9.45E-05	8.15E-01	7.67E-05	3.68E-01	1.71E-03
<i>zetaCOP</i>	FBgn0040512	FBpp0075111	Cobs_02476	1	5.32	5.55	5.72	6.16	4.87E-02	6.59E-05	2.61E-01	1.79E-03	3.47E-01	3.42E-02
<i>CG33767</i>	FBgn0053767	FBpp0091029	Cobs_02581	0	3.29	2.56	3.13	4.53	8.87E-01	3.55E-02	3.65E-01	5.31E-03	4.39E-01	4.10E-02
<i>l(2)k12914</i>	FBgn0263852	FBpp0079324	Cobs_02752	1	5.75	5.61	5.85	6.38	7.28E-01	5.62E-03	5.93E-01	1.43E-03	2.96E-01	3.49E-02
<i>CoVib</i>	FBgn0031066	FBpp0300889	Cobs_02979	1	8.65	8.75	8.97	9.56	1.54E-01	7.24E-05	6.95E-01	3.01E-04	2.72E-01	1.21E-02
<i>mRpL20</i>	FBgn0036335	FBpp0075631	Cobs_03098	1	4.79	4.59	4.91	5.47	6.52E-01	4.18E-03	4.69E-01	7.29E-04	1.73E-01	3.35E-02
<i>Syp</i>	FBgn0038826	FBpp0083367	Cobs_03250	0	3.39	2.83	3.44	1.95	9.25E-01	4.05E-05	2.91E-02	1.03E-02	1.60E-02	1.80E-04
-	-	FBpp0271774	Cobs_03253	1	7.82	7.66	7.58	7.03	1.61E-01	1.76E-05	3.14E-01	2.68E-04	6.67E-01	2.81E-03
<i>gbb</i>	FBgn0024234	FBpp0072036	Cobs_03282	1	4.25	3.74	3.65	3.03	1.11E-02	2.37E-05	2.60E-02	6.99E-03	6.62E-01	3.45E-02
<i>Mtpalpha</i>	FBgn0028479	FBpp0079453	Cobs_03321	0	9.91	10.28	10.32	11.27	3.46E-01	9.05E-04	3.76E-01	1.18E-02	9.24E-01	3.20E-02
<i>Ucrh</i>	FBgn0260008	FBpp0290999	Cobs_03334	1	6.25	6.28	6.35	7.05	7.34E-01	1.07E-03	9.38E-01	1.68E-03	7.69E-01	9.39E-03
<i>CG1847</i>	FBgn0030345	FBpp0073411	Cobs_03517	1	5.78	6.07	5.97	6.48	3.59E-01	2.88E-04	1.24E-01	2.08E-02	6.03E-01	1.16E-02
<i>CG11377</i>	FBgn0031217	FBpp0077763	Cobs_03724	1	2.32	1.98	2.60	3.48	5.32E-01	1.42E-03	3.50E-01	1.89E-04	7.77E-02	1.77E-02
<i>zip</i>	FBgn0265434	FBpp0072306	Cobs_03733	0	5.93	6.07	6.06	5.61	4.76E-01	2.87E-02	3.81E-01	2.97E-03	9.17E-01	9.62E-03
-	-	FBpp0088455	Cobs_03782	1	5.97	6.02	6.17	6.56	2.01E-01	1.88E-04	7.93E-01	5.72E-04	2.83E-01	1.81E-02
<i>bcn92</i>	FBgn0013432	FBpp0070415	Cobs_03814	1	1.70	1.81	1.92	2.44	3.80E-01	2.34E-03	6.32E-01	1.31E-02	7.06E-01	4.83E-02
<i>NA</i>	NA	No hits found	Cobs_03908	0	5.72	5.97	6.10	5.21	1.74E-01	4.49E-02	3.78E-01	4.66E-03	6.20E-01	3.29E-03

<i>CG12395</i>	FBgn0030722	FBpp0074037	Cobs_04057	1	3.57	3.53	3.62	4.09	7.56E-01	6.68E-03	9.32E-01	6.43E-03	6.40E-01	3.39E-02
<i>LSm3</i>	FBgn0051184	FBpp0289873	Cobs_04071	1	4.41	4.55	4.37	4.97	8.85E-01	8.92E-03	5.92E-01	4.58E-02	4.28E-01	1.26E-02
<i>Neb-cGP</i>	FBgn0083167	FBpp0071384	Cobs_04119	1	6.91	6.61	7.00	7.71	7.93E-01	2.43E-03	2.67E-01	1.42E-04	1.24E-01	1.53E-02
<i>Ror</i>	FBgn0010407	FBpp0079568	Cobs_04222	0	6.52	6.47	6.50	6.20	9.11E-01	1.42E-02	7.26E-01	4.40E-02	8.13E-01	4.14E-02
<i>CG14661</i>	FBgn0037288	FBpp0297107	Cobs_04238	1	4.46	4.53	4.54	3.16	8.71E-01	4.50E-03	8.47E-01	3.14E-03	9.86E-01	7.63E-03
<i>CG10407</i>	FBgn0038395	FBpp0082691	Cobs_04249	0	6.80	7.03	6.86	5.04	8.90E-01	1.88E-05	5.45E-01	6.92E-06	6.48E-01	9.13E-05
<i>CG8909</i>	FBgn0030706	FBpp0290880	Cobs_04252	0	8.98	8.47	8.32	7.65	3.95E-03	6.68E-07	1.41E-02	2.29E-04	4.79E-01	4.51E-03
-	-	FBpp0112185	Cobs_04614	1	4.45	4.93	4.94	3.54	9.63E-02	5.18E-03	8.59E-02	1.01E-04	9.86E-01	3.36E-04
<i>l(1)G0156</i>	FBgn0027291	FBpp0300338	Cobs_04656	0	2.09	2.50	2.21	1.23	6.37E-01	2.41E-02	1.50E-01	8.80E-04	3.49E-01	1.47E-02
<i>CG1887</i>	FBgn0035290	FBpp0271769	Cobs_04659	1	4.07	4.45	3.96	2.39	7.59E-01	6.93E-05	1.99E-01	1.00E-05	7.56E-02	6.31E-04
<i>CG14223</i>	FBgn0031053	FBpp0074527	Cobs_04778	1	4.19	3.82	3.88	3.17	3.07E-01	1.40E-03	1.81E-01	4.88E-02	8.06E-01	4.17E-02
<i>apt</i>	FBgn0015903	FBpp0071977	Cobs_04803	1	7.61	7.92	7.97	8.72	1.07E-01	8.43E-06	1.42E-01	3.26E-04	8.32E-01	1.96E-03
<i>CrzR</i>	FBgn0036278	FBpp0075721	Cobs_04898	1	5.64	5.92	5.67	5.08	9.31E-01	5.46E-03	1.75E-01	1.78E-04	1.92E-01	1.06E-02
<i>Buffy</i>	FBgn0040491	FBpp0087182	Cobs_04933	0	5.85	5.68	5.60	5.20	1.76E-01	4.81E-04	3.79E-01	6.56E-03	6.29E-01	4.11E-02
<i>CG43386</i>	FBgn0263216	FBpp0300232	Cobs_04948	0	5.91	8.06	6.63	4.81	1.13E-01	1.22E-02	1.49E-05	3.81E-07	1.06E-03	6.31E-04
<i>NA</i>	NA	No hits found	Cobs_04964	0	1.77	1.73	1.33	3.13	5.43E-01	1.40E-03	9.81E-01	2.02E-03	5.26E-01	9.49E-04
<i>ey</i>	FBgn0005558	FBpp0088299	Cobs_04966	1	4.23	4.84	3.73	5.45	2.15E-01	2.16E-04	4.47E-02	4.54E-02	1.19E-03	7.53E-05
<i>toy</i>	FBgn0019650	FBpp0088249	Cobs_04974	0	1.56	1.98	1.05	2.95	3.49E-01	5.48E-04	3.11E-01	1.10E-02	3.14E-02	3.00E-04
<i>ey</i>	FBgn0005558	FBpp0088300	Cobs_04975	0	1.45	1.73	1.09	2.96	6.99E-01	5.59E-04	5.73E-01	3.84E-03	2.67E-01	7.30E-04
<i>Con</i>	FBgn0005775	FBpp0073231	Cobs_05086	1	4.08	3.86	3.81	4.44	2.56E-01	4.93E-02	3.38E-01	4.66E-03	8.59E-01	5.87E-03
<i>bai</i>	FBgn0045866	FBpp0084133	Cobs_05263	1	7.26	7.28	7.07	7.81	5.51E-01	4.19E-02	9.70E-01	4.92E-02	4.64E-01	1.71E-02
<i>rdgB</i>	FBgn0003218	FBpp0290748	Cobs_05354	1	6.28	6.40	6.40	5.93	5.21E-01	2.93E-02	4.81E-01	4.53E-03	9.83E-01	1.11E-02
<i>CG8386</i>	FBgn0034061	FBpp0086402	Cobs_05374	1	4.40	4.71	4.76	5.38	1.48E-01	7.13E-05	1.95E-01	2.99E-03	8.58E-01	1.05E-02
<i>ssh</i>	FBgn0029157	FBpp0290828	Cobs_05445	1	4.96	4.93	4.86	4.37	5.78E-01	5.55E-04	8.98E-01	1.12E-03	6.51E-01	8.28E-03
<i>Tep3</i>	FBgn0041181	FBpp0079101	Cobs_05553	0	7.89	7.80	8.09	7.27	3.71E-01	2.37E-03	6.93E-01	9.16E-03	1.31E-01	6.77E-04
<i>CG14608</i>	FBgn0037487	FBpp0292311	Cobs_05843	0	4.83	4.48	4.69	3.71	6.86E-01	4.69E-04	2.71E-01	1.06E-02	5.16E-01	4.74E-03
<i>Cyp6a13</i>	FBgn0033304	FBpp0087770	Cobs_05890	0	7.58	8.74	7.92	9.86	5.99E-01	1.66E-04	3.69E-02	4.56E-02	1.32E-01	3.17E-03
<i>CG43143</i>	FBgn0262617	FBpp0293890	Cobs_05948	1	7.44	7.58	7.44	7.21	9.56E-01	1.95E-02	1.83E-01	6.33E-04	1.38E-01	4.64E-02
<i>Tmhs</i>	FBgn0262624	FBpp0072717	Cobs_05950	1	4.65	4.11	4.01	3.56	1.88E-03	5.49E-06	4.34E-03	7.00E-03	6.08E-01	4.14E-02

<i>Nipsnap</i>	FBgn0030724	FBpp0074034	Cobs_06074	1	5.22	5.42	5.62	6.26	1.27E-01	1.04E-04	4.25E-01	1.37E-03	4.47E-01	1.90E-02
<i>CG8543</i>	FBgn0035787	FBpp0076573	Cobs_06084	0	2.91	2.32	4.21	7.10	2.60E-01	5.16E-04	8.70E-01	1.09E-03	1.75E-01	1.36E-02
<i>CG6180</i>	FBgn0032453	FBpp0079979	Cobs_06147	1	7.90	8.37	8.07	9.20	6.62E-01	1.91E-04	1.53E-01	1.08E-02	3.54E-01	2.92E-03
<i>scu</i>	FBgn0021765	FBpp0074285	Cobs_06465	1	8.25	8.42	8.86	10.47	3.10E-01	1.51E-04	7.93E-01	4.54E-04	4.22E-01	9.50E-03
<i>CG10621</i>	FBgn0032726	FBpp0080732	Cobs_06480	1	4.65	4.66	5.19	6.17	2.51E-01	5.27E-04	9.98E-01	7.29E-04	2.04E-01	2.77E-02
<i>CG18641</i>	FBgn0031426	FBpp0297922	Cobs_06497	1	4.54	5.87	4.41	3.65	7.53E-01	9.94E-03	5.07E-05	5.66E-07	2.31E-05	4.67E-02
<i>CCHa2-R</i>	FBgn0033058	FBpp0085328	Cobs_06642	1	2.41	2.18	2.30	3.32	8.84E-01	1.83E-03	5.91E-01	6.78E-04	6.98E-01	3.30E-03
<i>CG32795</i>	FBgn0040384	FBpp0089092	Cobs_06712	1	6.59	6.69	6.82	7.94	4.79E-01	3.97E-05	7.67E-01	1.18E-04	6.74E-01	1.08E-03
<i>obst-E</i>	FBgn0031737	FBpp0078794	Cobs_06870	1	7.59	8.57	7.31	6.24	5.45E-01	9.26E-04	1.49E-02	4.42E-06	1.90E-03	1.50E-02
<i>GXIVsPLA2</i>	FBgn0036545	FBpp0075264	Cobs_06960	1	6.89	7.17	7.10	7.74	3.37E-01	1.05E-04	1.74E-01	5.25E-03	7.70E-01	5.99E-03
<i>CG10399</i>	FBgn0031877	FBpp0078979	Cobs_06962	1	3.49	3.67	4.08	4.86	1.12E-01	1.88E-04	6.53E-01	1.04E-03	2.36E-01	2.86E-02
<i>CG31344</i>	FBgn0051344	FBpp0082590	Cobs_06967	0	0.53	0.90	0.84	2.36	6.91E-01	1.29E-03	6.69E-01	5.76E-03	9.86E-01	1.01E-02
<i>Fur1</i>	FBgn0004509	FBpp0089026	Cobs_07103	0	3.77	4.23	4.01	4.76	4.20E-01	4.81E-04	8.91E-02	4.70E-02	4.02E-01	1.16E-02
<i>CG30415</i>	FBgn0250838	FBpp0071940	Cobs_07296	1	6.07	6.26	6.36	7.15	1.55E-01	5.49E-06	3.42E-01	7.07E-05	6.18E-01	6.91E-04
<i>CG17111</i>	FBgn0039048	FBpp0292542	Cobs_07327	1	2.61	2.02	2.46	3.73	8.62E-01	1.47E-02	3.08E-01	1.67E-03	3.95E-01	1.85E-02
<i>Asx</i>	FBgn0261823	FBpp0086622	Cobs_07337	1	6.99	6.94	6.89	6.66	3.98E-01	1.77E-03	6.64E-01	7.55E-03	6.75E-01	4.26E-02
-	-	FBpp0271728	Cobs_07353	1	6.39	6.50	6.41	5.97	9.35E-01	1.25E-02	5.71E-01	2.74E-03	6.20E-01	2.16E-02
<i>CG2121</i>	FBgn0033289	FBpp0087842	Cobs_07403	1	2.92	3.15	2.77	1.96	7.45E-01	9.94E-03	4.91E-01	2.03E-03	2.35E-01	4.64E-02
<i>Prestin</i>	FBgn0036770	FBpp0074919	Cobs_07452	1	4.62	4.66	4.80	5.31	4.83E-01	2.31E-03	8.92E-01	4.59E-03	5.52E-01	3.57E-02
<i>CG32138</i>	FBgn0052138	FBpp0075518	Cobs_07498	1	7.42	7.55	7.39	7.06	8.84E-01	1.24E-02	4.23E-01	1.47E-03	2.83E-01	4.14E-02
<i>Cda4</i>	FBgn0052499	FBpp0077054	Cobs_07545	1	7.14	7.06	7.00	6.35	6.31E-01	1.50E-03	7.74E-01	4.34E-03	8.41E-01	1.72E-02
<i>CG5590</i>	FBgn0039537	FBpp0084585	Cobs_07621	1	6.68	6.40	6.60	7.37	8.30E-01	9.30E-03	3.37E-01	7.65E-04	4.76E-01	1.13E-02
<i>CG1443</i>	FBgn0039620	FBpp0084714	Cobs_07699	1	6.25	6.23	6.06	4.64	6.36E-01	5.53E-05	9.61E-01	9.24E-05	6.34E-01	8.10E-04
<i>alpha-Est9</i>	FBgn0015577	FBpp0291550	Cobs_07705	0	4.91	6.00	5.77	7.21	1.65E-01	2.24E-04	6.27E-02	2.96E-02	7.15E-01	2.30E-02
-	-	FBpp0110154	Cobs_07719	1	8.37	8.29	8.37	7.84	9.85E-01	1.24E-03	6.52E-01	5.62E-03	6.05E-01	3.91E-03
-	-	FBpp0292776	Cobs_07810	1	7.35	7.55	7.51	7.93	3.92E-01	8.87E-04	2.54E-01	2.12E-02	8.47E-01	2.59E-02
<i>Nep2</i>	FBgn0027570	FBpp0078531	Cobs_07833	1	6.69	6.74	6.69	6.19	9.92E-01	2.75E-02	8.61E-01	1.69E-02	8.58E-01	4.96E-02
<i>Pomp</i>	FBgn0032884	FBpp0080943	Cobs_07896	1	6.03	5.68	5.99	6.47	8.69E-01	1.42E-02	5.65E-02	1.23E-04	7.88E-02	1.87E-02
<i>l(1)G0230</i>	FBgn0028342	FBpp0071373	Cobs_07902	1	5.02	5.28	5.68	6.53	8.76E-03	5.94E-07	2.65E-01	1.00E-05	7.82E-02	1.32E-03

NA	NA	No hits found	Cobs_08118	0	2.78	3.00	3.00	3.50	4.09E-01	2.43E-03	4.14E-01	2.86E-02	9.89E-01	4.39E-02
<i>Klp10A</i>	FBgn0030268	FBpp0073335	Cobs_08259	1	6.29	6.13	6.11	5.80	2.01E-01	4.18E-04	2.12E-01	1.39E-02	9.40E-01	3.29E-02
<i>blw</i>	FBgn0011211	FBpp0071794	Cobs_08268	1	10.25	10.37	10.59	11.19	1.47E-01	7.69E-05	6.40E-01	3.99E-04	2.96E-01	1.38E-02
<i>CG6543</i>	FBgn0033879	FBpp0086769	Cobs_08389	1	6.62	6.82	7.03	7.91	3.17E-01	7.21E-04	6.27E-01	3.54E-03	5.92E-01	2.98E-02
<i>RpL21</i>	FBgn0032987	FBpp0085314	Cobs_08471	0	7.14	6.56	7.20	7.75	8.47E-01	6.65E-03	1.19E-02	1.66E-05	4.89E-03	2.89E-02
<i>Lip4</i>	FBgn0032264	FBpp0079682	Cobs_08563	0	3.97	6.41	3.74	2.23	6.08E-01	3.76E-03	7.53E-06	3.81E-07	1.80E-06	2.98E-02
<i>Gale</i>	FBgn0035147	FBpp0297771	Cobs_08572	0	6.01	6.33	6.01	5.24	9.70E-01	2.26E-03	2.15E-01	1.14E-04	1.71E-01	7.69E-03
<i>RFeSP</i>	FBgn0021906	FBpp0077581	Cobs_08586	1	7.53	7.81	7.79	8.28	2.68E-01	8.66E-04	1.97E-01	2.94E-02	9.33E-01	4.24E-02
<i>prc</i>	FBgn0028573	FBpp0075796	Cobs_08674	1	2.71	2.37	2.40	3.74	6.02E-01	1.22E-02	5.64E-01	3.55E-03	9.68E-01	7.09E-03
<i>Cdk4</i>	FBgn0016131	FBpp0086251	Cobs_08682	1	5.74	5.44	5.79	6.38	8.34E-01	4.62E-04	8.21E-02	1.00E-05	3.53E-02	3.16E-03
NA	NA	No hits found	Cobs_08683	0	6.12	6.22	6.39	7.06	1.89E-01	1.91E-05	6.37E-01	9.39E-05	3.84E-01	2.39E-03
<i>CG17717</i>	FBgn0029877	FBpp0070905	Cobs_08699	0	3.27	3.76	3.71	2.30	2.79E-01	1.21E-02	2.15E-01	7.17E-04	9.24E-01	2.35E-03
<i>Tom7</i>	FBgn0033357	FBpp0087738	Cobs_08755	1	6.77	7.17	7.03	7.57	1.27E-01	1.61E-05	1.22E-02	1.10E-02	3.80E-01	3.21E-03
<i>CG16854</i>	FBgn0032338	FBpp0298000	Cobs_08943	1	4.70	4.66	4.76	5.75	9.28E-01	1.62E-02	9.35E-01	1.44E-02	8.34E-01	4.14E-02
<i>CG10226</i>	FBgn0035695	FBpp0076720	Cobs_08947	0	4.13	4.28	4.51	5.06	8.71E-02	6.44E-05	5.10E-01	5.97E-04	2.71E-01	1.67E-02
<i>Spn43Ab</i>	FBgn0024293	FBpp0099762	Cobs_08948	0	4.72	4.79	4.75	5.25	9.13E-01	6.11E-03	7.68E-01	1.78E-02	8.50E-01	2.01E-02
<i>CG14830</i>	FBgn0035755	FBpp0076598	Cobs_09039	1	4.17	4.47	4.29	3.64	6.19E-01	1.99E-02	1.81E-01	7.70E-04	4.31E-01	1.11E-02
<i>Rpl118</i>	FBgn0003275	FBpp0078433	Cobs_09083	1	4.16	4.31	4.61	5.28	1.71E-01	4.37E-04	7.44E-01	1.58E-03	2.80E-01	3.66E-02
<i>sens</i>	FBgn0002573	FBpp0075596	Cobs_09084	1	1.82	1.64	1.36	3.12	4.57E-01	2.43E-03	8.24E-01	2.02E-03	6.01E-01	1.08E-03
<i>ari-1</i>	FBgn0017418	FBpp0297199	Cobs_09112	0	5.03	5.02	4.94	4.34	7.36E-01	9.71E-03	9.43E-01	1.40E-02	7.68E-01	4.95E-02
<i>Btk29A</i>	FBgn0003502	FBpp0111748	Cobs_09318	1	6.74	6.39	6.38	5.80	7.57E-02	2.23E-05	6.58E-02	2.74E-03	9.63E-01	8.06E-03
<i>CG18624</i>	FBgn0029971	FBpp0290122	Cobs_09338	1	5.68	5.94	5.99	6.47	1.27E-01	1.26E-04	1.66E-01	6.66E-03	8.47E-01	2.33E-02
<i>CG1746</i>	FBgn0039830	FBpp0293653	Cobs_09350	1	9.22	9.45	9.61	10.14	1.04E-01	1.36E-04	3.37E-01	2.54E-03	4.68E-01	3.33E-02
<i>CG17005</i>	FBgn0032109	FBpp0271694	Cobs_09388	0	5.29	5.71	5.62	6.25	2.32E-02	3.87E-07	2.95E-03	2.23E-04	5.52E-01	2.27E-04
<i>CG12948</i>	FBgn0037739	FBpp0081645	Cobs_09457	1	4.57	4.56	4.54	5.13	8.83E-01	1.69E-03	9.31E-01	1.62E-03	9.47E-01	3.16E-03
<i>MED10</i>	FBgn0036581	FBpp0290696	Cobs_09608	1	3.84	3.81	3.97	4.57	5.57E-01	1.50E-03	9.58E-01	1.72E-03	4.64E-01	1.90E-02
<i>l(2)06225</i>	FBgn0010612	FBpp0297136	Cobs_09619	1	8.36	8.39	8.50	9.28	6.08E-01	1.22E-04	9.31E-01	2.12E-04	6.37E-01	2.50E-03
<i>CG31475</i>	FBgn0051475	FBpp0083149	Cobs_09626	1	2.60	3.94	2.88	1.42	4.46E-01	1.11E-02	8.83E-05	2.26E-06	6.14E-04	4.49E-03
<i>hpo</i>	FBgn0261456	FBpp0085688	Cobs_09740	1	5.42	5.43	5.43	5.08	9.67E-01	2.17E-02	9.67E-01	2.10E-02	9.99E-01	3.71E-02

<i>CG34191</i>	FBgn0085220	FBpp0111299	Cobs_09754	1	5.66	5.49	5.74	6.23	7.97E-01	1.03E-02	5.19E-01	1.91E-03	2.92E-01	4.46E-02
<i>l(1)G0255</i>	FBgn0028336	FBpp0070915	Cobs_09792	0	7.19	7.61	7.61	8.11	2.40E-02	8.85E-06	1.36E-02	4.59E-03	9.81E-01	1.05E-02
<i>MICAL-like</i>	FBgn0036333	FBpp0075632	Cobs_09883	1	7.10	6.73	6.73	6.37	2.96E-02	3.97E-05	2.00E-02	1.83E-02	9.91E-01	3.62E-02
<i>eya</i>	FBgn0000320	FBpp0297250	Cobs_09948	1	6.07	5.53	5.53	5.03	1.48E-02	2.37E-05	9.83E-03	2.10E-02	9.90E-01	3.86E-02
<i>mRpS28</i>	FBgn0034361	FBpp0085893	Cobs_10008	1	5.16	5.06	5.04	5.59	6.41E-01	3.36E-02	7.29E-01	1.34E-02	9.06E-01	1.83E-02
<i>scrib</i>	FBgn0263289	FBpp0300848	Cobs_10082	1	8.75	8.71	8.85	8.45	5.20E-01	2.20E-02	8.11E-01	4.82E-02	2.95E-01	9.11E-03
<i>Patj</i>	FBgn0067864	FBpp0072664	Cobs_10096	0	6.69	6.38	6.40	5.90	1.51E-01	1.16E-04	1.08E-01	1.03E-02	9.44E-01	1.75E-02
<i>Mipp1</i>	FBgn0026061	FBpp0075157	Cobs_10121	1	5.42	5.76	4.91	6.44	1.74E-01	2.54E-03	3.29E-01	4.05E-02	1.10E-02	3.36E-04
<i>CoVb</i>	FBgn0031830	FBpp0078918	Cobs_10226	1	7.29	7.31	7.58	8.21	2.63E-01	2.24E-04	9.61E-01	3.25E-04	2.34E-01	1.54E-02
<i>unc-45</i>	FBgn0010812	FBpp0081284	Cobs_10249	1	5.95	5.85	5.99	5.51	8.12E-01	1.23E-03	5.12E-01	9.68E-03	2.96E-01	1.96E-03
<i>CG9319</i>	FBgn0032881	FBpp0080989	Cobs_10290	1	4.52	4.84	4.48	5.55	8.78E-01	5.12E-04	3.31E-01	8.88E-03	2.04E-01	9.89E-04
<i>Vha36-1</i>	FBgn0022097	FBpp0086468	Cobs_10291	1	6.04	6.53	6.69	7.37	3.32E-02	3.78E-05	8.47E-02	3.63E-03	5.96E-01	2.98E-02
<i>CG3621</i>	FBgn0025839	FBpp0070370	Cobs_10333	1	5.56	5.63	5.78	6.30	1.75E-01	1.99E-05	6.99E-01	7.94E-05	3.13E-01	2.54E-03
<i>ColV</i>	FBgn0032833	FBpp0080836	Cobs_10416	1	8.13	8.56	8.56	9.23	4.19E-02	5.49E-06	3.14E-02	1.28E-03	9.75E-01	3.92E-03
<i>Map205</i>	FBgn0002645	FBpp0085234	Cobs_10625	0	8.49	8.29	8.31	7.76	3.81E-01	1.83E-04	2.97E-01	3.92E-03	9.29E-01	7.98E-03
-	-	FBpp0289077	Cobs_10629	1	3.09	2.99	3.01	3.64	8.21E-01	2.12E-02	6.91E-01	8.31E-03	8.75E-01	2.14E-02
<i>fabp</i>	FBgn0037913	FBpp0099726	Cobs_10640	0	9.69	9.93	10.05	12.28	7.62E-01	5.56E-03	8.41E-01	1.16E-02	9.08E-01	3.28E-02
<i>Prx2540-1</i>	FBgn0033520	FBpp0087356	Cobs_10693	1	9.88	9.84	10.10	11.16	6.84E-01	4.94E-03	9.44E-01	4.30E-03	5.69E-01	3.78E-02
<i>Ciao1</i>	FBgn0033972	FBpp0086590	Cobs_10910	1	5.24	5.49	5.66	6.29	1.08E-01	7.76E-05	3.37E-01	1.45E-03	4.92E-01	1.75E-02
<i>CG42245</i>	FBgn0250911	FBpp0288791	Cobs_11097	1	1.96	2.38	1.94	2.95	8.32E-01	1.51E-03	2.91E-01	2.94E-02	1.47E-01	2.20E-03
<i>path</i>	FBgn0036007	FBpp0076156	Cobs_11156	1	6.33	5.73	5.92	6.89	1.22E-01	1.83E-02	1.67E-02	5.25E-05	4.54E-01	8.28E-04
<i>CG7970</i>	FBgn0035252	FBpp0072645	Cobs_11468	1	5.19	5.51	5.62	6.35	1.29E-01	8.27E-05	2.54E-01	2.35E-03	6.77E-01	1.48E-02
<i>Skeletor</i>	FBgn0262717	FBpp0296944	Cobs_11504	1	8.61	8.06	7.78	7.06	1.88E-03	5.16E-07	2.00E-02	1.01E-04	2.13E-01	5.90E-03
<i>Atox1</i>	FBgn0052446	FBpp0078080	Cobs_11639	1	5.20	5.53	6.08	7.00	6.06E-02	1.26E-04	5.21E-01	1.05E-03	1.83E-01	4.59E-02
<i>CG10470</i>	FBgn0032746	FBpp0080690	Cobs_11742	1	6.41	6.64	6.83	7.51	1.37E-01	1.17E-04	4.12E-01	1.54E-03	4.79E-01	2.10E-02
<i>Prosalph6</i>	FBgn0250843	FBpp0079538	Cobs_11762	1	7.67	7.12	7.83	8.36	5.63E-01	2.83E-03	1.52E-02	1.00E-05	2.13E-03	3.57E-02
<i>CG4933</i>	FBgn0036615	FBpp0075139	Cobs_11772	1	2.13	2.51	2.43	3.07	4.19E-01	2.43E-03	3.20E-01	4.08E-02	8.86E-01	4.14E-02
<i>CoVllc</i>	FBgn0040773	FBpp0087485	Cobs_11799	1	7.65	7.79	7.88	8.50	4.02E-01	9.19E-04	6.28E-01	4.47E-03	7.15E-01	2.59E-02
<i>alpha-Man-II</i>	FBgn0011740	FBpp0081509	Cobs_11929	1	7.01	6.81	7.10	7.59	7.39E-01	3.74E-03	3.27E-01	2.95E-04	1.37E-01	2.59E-02

<i>CG8475</i>	FBgn0031995	FBpp0079254	Cobs_11939	1	5.41	5.63	5.76	6.20	5.05E-02	3.32E-05	2.26E-01	9.54E-04	4.08E-01	1.67E-02
<i>bbg</i>	FBgn0087007	FBpp0271931	Cobs_12015	1	5.40	5.24	5.15	4.58	2.45E-01	2.24E-04	4.52E-01	2.39E-03	6.76E-01	1.47E-02
<i>Mgat1</i>	FBgn0034521	FBpp0085571	Cobs_12026	1	4.96	5.30	5.14	5.72	5.06E-01	8.66E-04	1.54E-01	4.13E-02	4.90E-01	1.47E-02
<i>CG34172</i>	FBgn0085201	FBpp0300508	Cobs_12046	0	7.29	7.28	7.56	8.35	2.47E-01	1.61E-05	9.51E-01	1.76E-05	1.65E-01	1.27E-03
<i>CG5390</i>	FBgn0032213	FBpp0079653	Cobs_12202	1	7.07	7.50	6.90	5.90	6.76E-01	5.45E-04	1.79E-01	2.88E-05	5.07E-02	6.21E-03
<i>NA</i>	NA	No hits found	Cobs_12224	0	2.12	2.08	1.92	-0.99	5.88E-01	9.60E-04	7.38E-01	2.99E-03	8.42E-01	1.05E-02
<i>Dpit47</i>	FBgn0266518	FBpp0085479	Cobs_12283	1	5.17	5.07	5.15	4.66	9.53E-01	1.27E-03	6.01E-01	7.15E-03	6.29E-01	4.73E-03
<i>l(2)k09913</i>	FBgn0021979	FBpp0071872	Cobs_12423	1	5.54	5.64	5.86	6.55	2.28E-01	1.27E-04	7.37E-01	5.11E-04	3.64E-01	1.11E-02
<i>Cpr62Bc</i>	FBgn0035281	FBpp0072748	Cobs_12426	1	3.04	3.17	3.50	5.15	4.89E-01	1.91E-03	7.92E-01	6.19E-03	6.75E-01	2.63E-02
<i>uif</i>	FBgn0031879	FBpp0288558	Cobs_12438	1	8.61	8.01	8.09	7.51	2.32E-02	1.37E-05	5.31E-03	1.60E-02	7.39E-01	1.47E-02
<i>Aldh-III</i>	FBgn0010548	FBpp0289706	Cobs_12693	1	6.83	6.87	7.00	7.56	5.65E-01	3.22E-03	9.02E-01	5.63E-03	6.26E-01	3.87E-02
<i>llp8</i>	FBgn0036690	FBpp0288660	Cobs_12702	0	3.05	2.97	2.85	3.60	4.96E-01	3.69E-02	7.57E-01	1.70E-02	7.21E-01	1.20E-02
<i>cyp33</i>	FBgn0028382	FBpp0086101	Cobs_12945	1	6.34	6.59	6.80	7.60	1.26E-01	4.92E-05	4.11E-01	5.97E-04	4.49E-01	1.05E-02
<i>Dbi</i>	FBgn0010387	FBpp0076624	Cobs_13047	1	8.09	7.54	8.56	9.60	2.12E-01	9.45E-05	1.24E-01	4.42E-06	3.51E-03	1.05E-02
<i>CG30499</i>	FBgn0050499	FBpp0088028	Cobs_13152	1	5.18	5.18	5.20	5.85	9.53E-01	1.45E-02	9.80E-01	1.79E-02	9.69E-01	3.55E-02
<i>CG4386</i>	FBgn0034661	FBpp0071657	Cobs_13157	0	1.53	1.55	1.44	0.48	8.01E-01	9.68E-03	9.78E-01	1.08E-02	7.43E-01	3.91E-02
<i>mt:ND5</i>	FBgn0013684	FBpp0100182	Cobs_13776	1	6.82	6.84	7.03	7.71	5.31E-01	2.85E-03	9.51E-01	4.08E-03	5.33E-01	3.98E-02
<i>mt:Col</i>	FBgn0013674	FBpp0100176	Cobs_13778	1	9.07	8.96	8.98	9.55	7.37E-01	3.62E-02	6.73E-01	1.12E-02	9.57E-01	2.75E-02
<i>CG34439</i>	FBgn0085468	FBpp0111652	Cobs_13970	1	5.56	5.83	6.09	6.73	6.49E-02	6.81E-05	3.61E-01	1.10E-03	3.08E-01	2.75E-02
<i>fabp</i>	FBgn0037913	FBpp0099728	Cobs_14020	0	6.04	5.70	5.99	7.05	9.46E-01	3.26E-02	5.42E-01	6.55E-03	5.74E-01	4.72E-02
<i>CG43333</i>	FBgn0263038	FBpp0297780	Cobs_14341	1	3.61	3.78	3.87	2.21	6.82E-01	1.14E-02	7.67E-01	5.89E-03	9.15E-01	9.53E-03
<i>CG42271</i>	FBgn0259166	FBpp0288890	Cobs_14356	1	6.93	6.89	7.07	6.55	2.46E-01	1.37E-03	8.04E-01	3.52E-03	1.03E-01	3.05E-04
<i>Prosbeta7</i>	FBgn0250746	FBpp0078449	Cobs_14446	1	6.36	5.90	6.79	7.42	7.62E-02	3.51E-05	3.94E-02	5.66E-07	2.34E-04	1.24E-02
<i>CG5188</i>	FBgn0032247	FBpp0079614	Cobs_14451	1	5.25	5.29	5.66	6.10	3.97E-02	5.80E-05	8.20E-01	1.52E-04	4.71E-02	3.65E-02
<i>Gpi1</i>	FBgn0086448	FBpp0298004	Cobs_14459	1	4.28	4.46	4.32	4.96	9.08E-01	2.28E-03	4.98E-01	1.86E-02	5.66E-01	9.17E-03
<i>CG9034</i>	FBgn0040931	FBpp0071278	Cobs_14571	0	6.56	6.59	6.79	7.33	3.28E-01	5.66E-04	8.87E-01	1.12E-03	3.64E-01	2.39E-02
<i>CG15434</i>	FBgn0040705	FBpp0077130	Cobs_14623	1	3.16	3.51	3.39	4.50	6.41E-01	5.26E-04	4.56E-01	5.30E-03	8.09E-01	5.41E-03
<i>CG11858</i>	FBgn0039305	FBpp0084190	Cobs_14632	1	3.63	3.70	3.65	4.69	9.21E-01	1.60E-04	7.95E-01	5.72E-04	8.74E-01	7.81E-04
<i>cnn</i>	FBgn0013765	FBpp0086822	Cobs_14665	1	7.10	7.10	6.90	6.52	2.97E-01	1.03E-03	9.79E-01	1.11E-03	2.22E-01	4.24E-02

<i>CG3955</i>	FBgn0033793	FBpp0086893	Cobs_14763	1	3.72	3.66	3.36	2.76	1.17E-01	3.90E-04	8.48E-01	9.70E-04	1.43E-01	4.43E-02
<i>rols</i>	FBgn0041096	FBpp0075785	Cobs_14999	1	6.63	6.33	6.41	5.89	1.40E-01	1.32E-05	2.63E-02	3.08E-03	5.35E-01	1.74E-03
<i>mRpS14</i>	FBgn0044030	FBpp0074554	Cobs_15014	1	5.01	4.78	5.07	5.70	8.46E-01	6.62E-03	4.50E-01	1.00E-03	2.73E-01	2.73E-02
<i>CG42534</i>	FBgn0260487	FBpp0290120	Cobs_15056	1	3.28	3.12	3.40	2.57	6.51E-01	1.07E-02	6.47E-01	4.57E-02	2.82E-01	7.69E-03
<i>CG8399</i>	FBgn0034067	FBpp0086349	Cobs_15110	1	4.48	4.55	4.39	3.84	7.72E-01	5.81E-03	7.87E-01	3.08E-03	4.97E-01	2.98E-02
<i>CG3321</i>	FBgn0038224	FBpp0292847	Cobs_15235	1	6.84	6.93	7.36	8.07	2.25E-02	2.33E-06	7.24E-01	1.00E-05	3.29E-02	3.43E-03
-	-	FBpp0077365	Cobs_15236	0	8.09	8.39	8.84	9.51	2.33E-02	3.78E-05	3.50E-01	5.59E-04	1.26E-01	4.58E-02
<i>Prosbeta3</i>	FBgn0026380	FBpp0081488	Cobs_15275	1	6.89	6.59	7.10	7.71	4.57E-01	1.20E-03	2.41E-01	7.48E-05	3.43E-02	2.59E-02
<i>ETH</i>	FBgn0028738	FBpp0072331	Cobs_15291	1	4.76	4.42	4.54	5.04	2.25E-01	4.81E-02	3.97E-02	2.95E-04	4.44E-01	4.73E-03
<i>NA</i>	NA	No hits found	Cobs_15296	0	1.58	2.08	1.77	2.76	6.04E-01	1.38E-03	2.03E-01	4.64E-02	4.82E-01	1.47E-02
<i>pot</i>	FBgn0250871	FBpp0073432	Cobs_15391	1	7.15	7.09	7.06	6.68	6.47E-01	3.92E-03	7.26E-01	1.30E-02	9.07E-01	3.49E-02
<i>CG9344</i>	FBgn0034564	FBpp0071449	Cobs_15511	1	8.95	8.84	9.18	7.84	6.72E-01	1.09E-02	8.42E-01	2.16E-02	4.55E-01	8.27E-03
<i>CG8399</i>	FBgn0034067	FBpp0086349	Cobs_15523	0	6.15	6.43	5.73	5.06	1.94E-01	6.78E-04	3.55E-01	7.92E-05	1.45E-02	4.67E-02
<i>ldh</i>	FBgn0001248	FBpp0113041	Cobs_15561	1	9.02	8.76	9.30	10.05	4.20E-01	1.56E-03	4.67E-01	2.26E-04	7.90E-02	3.66E-02
<i>CG1407</i>	FBgn0033474	FBpp0087521	Cobs_15678	1	6.52	6.66	6.67	7.12	4.39E-01	8.66E-04	4.72E-01	7.57E-03	9.40E-01	2.03E-02
<i>CG4169</i>	FBgn0250814	FBpp0075069	Cobs_15739	1	7.62	7.60	7.74	8.29	6.01E-01	8.93E-04	9.19E-01	7.41E-04	4.55E-01	1.22E-02
<i>Nmda1</i>	FBgn0013305	FBpp0088815	Cobs_15828	0	5.07	5.43	5.39	5.98	1.86E-01	1.29E-04	1.16E-01	1.09E-02	8.72E-01	1.42E-02
<i>Rpl26</i>	FBgn0036825	FBpp0074833	Cobs_15836	1	6.59	6.73	6.62	7.24	9.07E-01	2.44E-03	5.46E-01	1.58E-02	6.28E-01	1.05E-02
<i>CG7896</i>	FBgn0039728	FBpp0084911	Cobs_15906	0	6.31	6.61	6.35	5.86	8.70E-01	1.79E-02	1.09E-01	3.04E-04	1.48E-01	2.32E-02
<i>CG14688</i>	FBgn0037819	FBpp0112127	Cobs_15913	0	5.14	6.49	6.52	7.91	3.70E-02	6.39E-05	3.04E-02	1.74E-02	9.53E-01	3.89E-02
<i>levy</i>	FBgn0034877	FBpp0071970	Cobs_15933	1	4.92	4.63	5.01	5.81	7.70E-01	1.63E-03	3.74E-01	1.89E-04	1.78E-01	1.10E-02
<i>NA</i>	NA	No hits found	Cobs_15946	0	6.30	6.69	6.41	5.46	7.97E-01	9.76E-03	2.32E-01	4.89E-04	3.65E-01	1.10E-02
<i>Osi17</i>	FBgn0037427	FBpp0078259	Cobs_16261	0	2.50	1.99	2.26	0.73	5.68E-01	8.66E-04	2.91E-01	1.52E-02	6.51E-01	1.00E-02
<i>DhpD</i>	FBgn0261436	FBpp0078625	Cobs_16313	1	4.37	4.68	4.70	5.64	2.39E-01	1.47E-05	2.46E-01	2.58E-04	9.55E-01	7.81E-04
<i>Ir75c</i>	FBgn0261401	FBpp0291498	Cobs_16365	1	4.41	4.45	4.41	3.67	9.48E-01	9.10E-03	9.92E-01	1.03E-02	9.31E-01	2.42E-02
<i>twr</i>	FBgn0262801	FBpp0081185	Cobs_16452	1	7.53	7.66	7.72	8.31	4.87E-01	1.91E-03	6.34E-01	9.23E-03	8.19E-01	3.41E-02
<i>Sar1</i>	FBgn0038947	FBpp0089284	Cobs_16472	1	7.56	7.81	7.71	8.29	5.31E-01	8.48E-04	2.51E-01	2.07E-02	6.67E-01	1.47E-02
<i>Cad74A</i>	FBgn0036715	FBpp0075002	Cobs_16530	1	6.33	5.42	5.85	4.94	2.24E-02	5.16E-07	4.59E-05	2.06E-02	2.92E-02	3.79E-04
<i>Cad96Ca</i>	FBgn0022800	FBpp0084248	Cobs_16558	0	4.94	4.06	4.31	3.60	4.07E-03	1.53E-06	1.30E-04	4.48E-02	2.46E-01	6.16E-03

<i>CG2064</i>	FBgn0033205	FBpp0087997	Cobs_16660	0	6.01	5.89	6.16	5.09	6.91E-01	5.18E-03	7.66E-01	1.46E-02	3.98E-01	4.64E-03
<i>CG30421</i>	FBgn0050421	FBpp0072276	Cobs_16706	1	6.07	5.98	5.99	5.60	6.68E-01	3.36E-03	6.30E-01	1.57E-02	9.81E-01	2.83E-02
<i>mRpL32</i>	FBgn0039835	FBpp0085121	Cobs_16736	1	4.60	4.55	4.73	5.52	6.38E-01	1.78E-04	8.83E-01	1.56E-04	4.62E-01	2.54E-03
<i>CG10915</i>	FBgn0034308	FBpp0085925	Cobs_16750	1	5.67	5.76	5.75	5.33	6.14E-01	1.39E-02	5.14E-01	2.55E-03	9.17E-01	8.28E-03
<i>ade3</i>	FBgn0000053	FBpp0079059	Cobs_16787	1	7.26	7.43	7.73	6.34	2.66E-01	1.44E-02	6.95E-01	4.92E-03	4.51E-01	2.26E-03
<i>CG2059</i>	FBgn0029942	FBpp0292475	Cobs_16814	1	5.94	5.99	6.03	6.68	7.17E-01	2.12E-04	8.32E-01	5.52E-04	8.70E-01	2.50E-03
<i>CG9987</i>	FBgn0032781	FBpp0080746	Cobs_16830	1	4.50	4.31	4.48	4.95	8.96E-01	1.31E-02	3.15E-01	1.11E-03	3.75E-01	1.85E-02
<i>CG14515</i>	FBgn0039648	FBpp0084758	Cobs_17048	1	3.93	5.09	3.24	0.39	1.25E-01	3.78E-05	7.86E-03	1.57E-06	1.02E-04	2.26E-03
<i>CG17272</i>	FBgn0038830	FBpp0083396	Cobs_17050	1	2.80	3.13	2.97	3.63	4.37E-01	4.71E-04	1.52E-01	2.61E-02	5.51E-01	1.08E-02
<i>Mdh2</i>	FBgn0262559	FBpp0082985	Cobs_17116	1	8.50	8.75	8.93	9.61	1.22E-01	7.76E-05	3.47E-01	1.35E-03	5.06E-01	1.76E-02
<i>CG8773</i>	FBgn0038135	FBpp0288476	Cobs_17184	0	8.32	8.34	8.34	10.17	9.83E-01	9.46E-03	9.82E-01	1.12E-02	1.00E+00	2.38E-02
<i>NA</i>	NA	No hits found	Cobs_17222	0	6.53	5.89	6.48	7.64	9.55E-01	1.50E-02	1.88E-01	5.70E-04	1.94E-01	2.73E-02
<i>Thiolase</i>	FBgn0025352	FBpp0072135	Cobs_17265	1	6.72	6.56	7.16	7.98	9.15E-02	1.61E-05	5.84E-01	6.52E-06	1.31E-02	4.64E-03
<i>bgm</i>	FBgn0027348	FBpp0080167	Cobs_17286	1	4.15	4.36	4.18	5.08	8.95E-01	4.07E-03	5.64E-01	2.52E-02	6.55E-01	1.50E-02
<i>CG6084</i>	FBgn0086254	FBpp0075869	Cobs_17301	0	7.30	7.68	7.41	8.88	8.74E-01	2.62E-03	5.09E-01	1.95E-02	6.28E-01	1.26E-02
<i>NA</i>	NA	No hits found	Cobs_17305	0	5.75	5.93	5.76	6.83	9.66E-01	1.12E-03	5.98E-01	6.19E-03	6.09E-01	4.08E-03
<i>-</i>	<i>-</i>	FBpp0074209	Cobs_17422	1	7.38	7.00	7.05	6.57	3.56E-02	4.11E-06	8.65E-03	3.14E-03	7.15E-01	3.26E-03
<i>drongo</i>	FBgn0020304	FBpp0291768	Cobs_17436	1	6.34	6.46	6.38	6.04	8.17E-01	4.88E-02	4.67E-01	7.15E-03	6.44E-01	4.32E-02
<i>CG10492</i>	FBgn0032748	FBpp0111956	Cobs_17467	1	6.91	6.96	6.94	6.65	8.70E-01	3.73E-02	7.69E-01	1.59E-02	9.09E-01	4.14E-02
<i>CG5703</i>	FBgn0030853	FBpp0074226	Cobs_17499	1	5.69	5.86	5.74	6.46	8.52E-01	9.26E-04	4.63E-01	8.95E-03	5.96E-01	5.38E-03
<i>pyd3</i>	FBgn0037513	FBpp0081276	Cobs_17517	1	6.26	6.30	6.16	6.91	7.38E-01	1.17E-02	9.19E-01	1.78E-02	5.96E-01	1.05E-02
<i>CG3192</i>	FBgn0029888	FBpp0099823	Cobs_17625	1	5.04	5.15	5.39	5.84	8.77E-02	1.29E-04	6.30E-01	7.69E-04	1.93E-01	3.37E-02
<i>CG5742</i>	FBgn0034304	FBpp0085959	Cobs_17772	1	5.64	5.79	5.80	6.37	4.98E-01	1.08E-03	5.50E-01	7.31E-03	9.30E-01	1.93E-02
<i>cype</i>	FBgn0015031	FBpp0297878	Cobs_17813	1	6.54	6.86	7.01	7.93	8.56E-02	6.03E-06	2.22E-01	1.29E-04	5.65E-01	1.90E-03
<i>CG9701</i>	FBgn0036659	FBpp0075080	Cobs_17851	1	4.31	5.14	4.13	6.35	8.22E-01	1.06E-03	1.87E-01	3.49E-02	8.58E-02	1.68E-03
<i>mor</i>	FBgn0002783	FBpp0291706	Cobs_17981	1	6.76	6.70	6.64	6.35	3.40E-01	6.39E-04	6.52E-01	2.97E-03	6.03E-01	2.45E-02
<i>rtet</i>	FBgn0028468	FBpp0083412	Cobs_17983	1	4.58	4.69	4.72	5.12	4.98E-01	3.72E-03	5.74E-01	2.22E-02	9.08E-01	4.90E-02
<i>Pcd</i>	FBgn0024841	FBpp0084824	Cobs_18040	1	6.61	6.84	6.66	7.16	8.13E-01	9.19E-04	1.60E-01	4.25E-02	2.49E-01	6.16E-03
<i>CG10219</i>	FBgn0039112	FBpp0083857	Cobs_18047	1	6.11	5.88	6.29	7.04	4.38E-01	8.96E-05	3.30E-01	1.38E-05	4.94E-02	3.16E-03

<i>Adk2</i>	FBgn0022708	FBpp0072072	Cobs_18061	1	7.18	7.50	7.71	8.44	9.66E-02	1.04E-04	3.06E-01	2.24E-03	4.84E-01	2.91E-02
<i>kibra</i>	FBgn0262127	FBpp0099467	Cobs_18071	1	7.06	6.62	6.67	6.19	3.37E-02	1.61E-05	1.01E-02	1.21E-02	7.67E-01	1.21E-02
<i>l(3)neo43</i>	FBgn0011476	FBpp0290311	Cobs_18112	1	2.75	3.00	3.26	3.97	1.93E-01	8.47E-04	5.74E-01	5.43E-03	4.62E-01	4.59E-02
<i>sun</i>	FBgn0014391	FBpp0073963	Cobs_18136	1	5.29	5.37	5.62	6.17	5.03E-02	6.03E-06	6.28E-01	3.05E-05	1.13E-01	3.13E-03
<i>CG12256</i>	FBgn0038002	FBpp0082090	Cobs_18180	0	5.79	6.10	6.10	6.91	1.92E-01	1.61E-05	1.75E-01	5.79E-04	9.92E-01	1.71E-03
<i>CG6279</i>	FBgn0036125	FBpp0290579	Cobs_18217	1	2.59	3.09	3.31	4.68	2.85E-01	3.16E-04	4.99E-01	2.41E-03	6.94E-01	1.10E-02
<i>CG13996</i>	FBgn0031763	FBpp0078812	Cobs_18247	0	5.03	4.86	4.68	4.07	9.08E-02	6.23E-05	3.86E-01	8.23E-04	3.86E-01	1.43E-02
<i>lace</i>	FBgn0002524	FBpp0080297	Cobs_18257	1	7.60	8.06	7.76	6.85	6.87E-01	2.47E-02	1.80E-01	7.74E-04	3.81E-01	1.71E-02

Supplementary Table S3: List of genes that are either significantly up- or downregulated in EM compared to all three other phenotypes. The binary flag Orthology is set to 1, if orthology was confirmed in reciprocal blasts. The columns EM, QU, WM, and WO give the mean expression as assessed by limma. The last six columns give FDR values for pairwise comparisons, also produced with limma.

FB gene symbol	FB gene ID	FB protein ID	C.obs ID	Orthol.	EM	QU	WM	WO	EM vs WM	EM vs WO	EM vs QU	QU vs WO	QU vs WM	WO vs WM
<i>CG8924</i>	FBgn0030710	FBpp0073935	Cobs_00087	1	7.36	6.90	6.95	6.76	2.33E-02	5.53E-04	6.08E-03	4.27E-01	7.68E-01	3.21E-01
<i>mRpS17</i>	FBgn0034986	FBpp0072184	Cobs_00156	1	6.60	6.97	7.04	7.00	1.32E-02	1.15E-02	2.39E-02	8.54E-01	6.67E-01	8.83E-01
<i>DNApol-alpha73</i>	FBgn0005696	FBpp0113035	Cobs_00227	1	5.77	5.09	5.38	5.29	3.19E-02	5.38E-03	3.19E-04	2.96E-01	9.75E-02	7.17E-01
<i>CG17019</i>	FBgn0033783	FBpp0086919	Cobs_00230	1	5.01	5.65	5.81	5.64	6.73E-03	1.76E-02	1.94E-02	9.88E-01	5.58E-01	6.34E-01
<i>CG7991</i>	FBgn0035260	FBpp0292222	Cobs_00231	1	4.06	3.03	3.42	3.14	2.59E-02	1.48E-03	7.07E-04	7.91E-01	1.75E-01	4.02E-01
<i>frac</i>	FBgn0035798	FBpp0288716	Cobs_00333	1	3.21	1.48	1.64	1.79	2.63E-03	3.65E-03	1.09E-03	6.32E-01	8.23E-01	8.39E-01
<i>Rps29</i>	FBgn0261599	FBpp0081614	Cobs_00449	1	9.54	10.47	10.08	10.05	1.82E-03	9.71E-04	1.27E-06	5.98E-03	8.25E-03	9.20E-01
<i>a</i>	FBgn0000008	FBpp0071677	Cobs_00519	0	3.77	2.87	2.91	2.64	4.26E-03	4.37E-04	2.27E-03	5.64E-01	9.05E-01	5.30E-01
<i>fend</i>	FBgn0030090	FBpp0071284	Cobs_00566	0	6.52	4.84	5.84	4.94	3.30E-02	1.68E-05	6.87E-06	7.68E-01	1.68E-03	1.18E-02
<i>Cyp49a1</i>	FBgn0033524	FBpp0293134	Cobs_00812	0	6.48	7.22	7.01	7.09	2.32E-02	4.36E-03	1.04E-03	5.87E-01	3.25E-01	7.95E-01
<i>Six4</i>	FBgn0027364	FBpp0077933	Cobs_00814	1	2.77	1.24	2.22	1.42	4.54E-02	6.53E-05	1.49E-05	5.82E-01	1.89E-03	2.42E-02
<i>CG1607</i>	FBgn0039844	FBpp0085147	Cobs_00876	1	6.28	5.67	5.25	5.76	4.25E-04	3.32E-02	1.48E-02	7.52E-01	8.43E-02	6.66E-02
<i>shg</i>	FBgn0003391	FBpp0071475	Cobs_00906	1	7.25	6.61	6.90	6.90	2.62E-02	1.38E-02	6.75E-05	4.43E-02	3.90E-02	9.95E-01
<i>Sply</i>	FBgn0010591	FBpp0086158	Cobs_00908	1	6.54	7.43	7.56	7.73	5.36E-03	6.02E-04	7.64E-03	3.97E-01	7.31E-01	7.11E-01
<i>Grasp65</i>	FBgn0036919	FBpp0074664	Cobs_01009	1	7.15	7.55	7.56	7.74	4.64E-02	2.33E-03	3.92E-02	3.26E-01	9.47E-01	4.37E-01
<i>CG8768</i>	FBgn0033769	FBpp0086984	Cobs_01032	1	3.61	4.32	4.47	4.79	1.06E-03	1.63E-05	3.77E-03	3.21E-02	4.59E-01	2.14E-01
<i>Fmo-1</i>	FBgn0034943	FBpp0072059	Cobs_01037	0	3.57	2.32	2.01	2.38	6.39E-03	2.46E-02	1.32E-02	8.26E-01	6.88E-01	5.89E-01
<i>CG13318</i>	FBgn0037627	FBpp0081424	Cobs_01046	0	5.51	6.02	5.99	6.13	6.24E-03	2.85E-04	2.19E-03	5.19E-01	8.77E-01	4.70E-01
<i>Ptp69D</i>	FBgn0014007	FBpp0075646	Cobs_01109	1	7.42	7.06	6.83	7.00	2.17E-03	1.35E-02	3.78E-02	7.68E-01	1.55E-01	3.81E-01
-	-	FBpp0088224	Cobs_01154	0	5.86	5.44	5.41	5.23	3.27E-02	2.03E-03	3.31E-02	3.31E-01	9.07E-01	4.67E-01
<i>hh</i>	FBgn0004644	FBpp0099945	Cobs_01209	1	2.71	1.67	1.81	1.63	5.60E-03	9.08E-04	1.47E-03	9.00E-01	6.87E-01	6.59E-01
NA	NA	No hits found	Cobs_01215	0	3.60	2.74	2.70	2.45	8.94E-03	1.65E-03	8.03E-03	5.81E-01	9.59E-01	6.79E-01
<i>Sc2</i>	FBgn0035471	FBpp0073017	Cobs_01216	0	2.59	1.88	1.78	1.69	3.11E-02	1.33E-02	4.11E-02	7.17E-01	8.63E-01	8.80E-01
NA	NA	No hits found	Cobs_01218	0	3.57	2.50	2.67	2.21	5.86E-03	2.32E-04	7.27E-04	6.66E-01	4.87E-01	3.08E-01

<i>jim</i>	FBgn0027339	FBpp0099541	Cobs_01219	1	7.24	6.78	6.67	6.25	1.66E-02	6.28E-05	3.56E-02	1.71E-02	6.32E-01	9.43E-02
<i>olf413</i>	FBgn0037153	FBpp0290707	Cobs_01284	1	4.00	3.27	3.26	3.21	2.61E-02	1.04E-02	1.55E-02	9.21E-01	9.31E-01	8.82E-01
<i>M6</i>	FBgn0037092	FBpp0078012	Cobs_01343	1	6.50	6.02	6.05	6.03	3.11E-02	1.57E-02	1.43E-02	9.41E-01	8.94E-01	9.73E-01
<i>CG9782</i>	FBgn0030763	FBpp0074063	Cobs_01360	0	2.85	0.76	1.37	1.75	3.98E-03	1.44E-02	2.24E-04	8.27E-02	2.59E-01	6.00E-01
<i>dsx</i>	FBgn0000504	FBpp0081256	Cobs_01393	0	4.24	1.22	3.43	2.53	2.59E-02	8.96E-05	1.32E-06	1.64E-02	8.16E-05	4.84E-02
<i>CG17807</i>	FBgn0034748	FBpp0071849	Cobs_01394	0	4.33	1.41	2.70	2.86	6.95E-04	8.69E-04	6.35E-06	1.34E-02	1.97E-02	8.45E-01
<i>Cad87A</i>	FBgn0037963	FBpp0081987	Cobs_01395	1	6.72	6.14	6.19	6.20	4.13E-03	2.04E-03	1.03E-03	7.91E-01	7.79E-01	9.96E-01
<i>pug</i>	FBgn0020385	FBpp0081743	Cobs_01505	1	8.05	8.47	8.56	8.63	2.10E-02	4.49E-03	3.73E-02	4.83E-01	6.84E-01	8.36E-01
<i>CG14683</i>	FBgn0037822	FBpp0081744	Cobs_01510	1	6.46	7.21	7.16	7.02	3.99E-03	1.07E-02	1.24E-03	4.15E-01	8.69E-01	6.07E-01
<i>Sans</i>	FBgn0033785	FBpp0086904	Cobs_01542	0	5.56	5.04	4.96	4.45	8.44E-03	2.33E-05	1.30E-02	1.43E-02	7.54E-01	5.28E-02
<i>ptc</i>	FBgn0003892	FBpp0088443	Cobs_01594	1	6.57	5.59	5.74	5.31	1.88E-04	5.16E-07	8.24E-06	1.31E-01	4.28E-01	3.66E-02
<i>Abd-B</i>	FBgn0000015	FBpp0089276	Cobs_01831	1	4.59	3.63	3.99	3.92	3.21E-02	1.24E-02	8.16E-04	3.00E-01	1.67E-01	8.77E-01
<i>abd-A</i>	FBgn0000014	FBpp0297433	Cobs_01838	0	3.60	2.86	2.72	2.71	2.92E-03	1.59E-03	6.39E-03	6.60E-01	6.70E-01	9.71E-01
<i>Dfd</i>	FBgn0000439	FBpp0081138	Cobs_01871	1	2.79	2.19	2.05	2.09	1.16E-02	1.57E-02	3.34E-02	8.31E-01	6.12E-01	8.70E-01
<i>CG12075</i>	FBgn0030065	FBpp0298272	Cobs_02135	1	4.57	3.83	3.73	3.32	1.08E-03	1.51E-05	1.79E-03	4.11E-02	7.00E-01	1.36E-01
<i>CG9531</i>	FBgn0031817	FBpp0078900	Cobs_02136	1	3.90	5.70	5.34	5.07	1.74E-03	3.74E-03	5.62E-05	1.12E-01	3.29E-01	6.26E-01
<i>ec</i>	FBgn0000542	FBpp0100019	Cobs_02181	1	7.70	6.89	7.22	6.87	2.94E-02	1.60E-04	2.14E-04	9.58E-01	8.73E-02	1.23E-01
<i>CG32549</i>	FBgn0052549	FBpp0074343	Cobs_02193	1	6.11	6.62	6.70	7.30	1.86E-02	1.51E-05	2.82E-02	3.54E-03	7.42E-01	1.90E-02
<i>Ser</i>	FBgn0004197	FBpp0084498	Cobs_02195	1	5.67	4.85	4.92	4.57	3.49E-03	4.82E-05	8.36E-04	2.93E-01	7.51E-01	2.03E-01
<i>Chi</i>	FBgn0013764	FBpp0072100	Cobs_02277	1	5.11	4.47	4.61	4.44	3.70E-02	5.35E-03	7.90E-03	9.38E-01	6.26E-01	6.46E-01
<i>NA</i>	NA	No hits found	Cobs_02281	0	3.75	2.82	2.88	2.89	2.34E-02	1.59E-02	9.51E-03	8.41E-01	8.04E-01	9.93E-01
<i>CG5639</i>	FBgn0039527	FBpp0084572	Cobs_02373	1	4.42	3.08	3.88	3.09	3.10E-02	1.88E-05	1.49E-05	9.71E-01	3.16E-03	1.10E-02
<i>NA</i>	NA	No hits found	Cobs_02517	0	3.27	3.85	3.95	3.98	2.30E-02	1.12E-02	3.94E-02	6.95E-01	7.41E-01	9.51E-01
<i>plexA</i>	FBgn0025741	FBpp0088287	Cobs_02546	0	7.39	6.80	6.88	6.87	6.60E-03	2.26E-03	8.84E-04	7.23E-01	6.22E-01	9.46E-01
-	-	FBpp0099691	Cobs_02550	1	6.87	6.43	6.30	6.42	1.41E-02	3.26E-02	4.03E-02	9.77E-01	5.49E-01	6.65E-01
<i>mab-21</i>	FBgn0029003	FBpp0070855	Cobs_02640	0	4.45	4.05	3.86	3.80	3.21E-03	8.66E-04	2.94E-02	1.98E-01	2.95E-01	8.35E-01
<i>Ent3</i>	FBgn0036319	FBpp0075667	Cobs_02741	1	3.78	4.45	4.71	4.57	9.13E-04	1.76E-03	8.36E-03	6.34E-01	2.52E-01	6.69E-01
<i>Tollo</i>	FBgn0029114	FBpp0075360	Cobs_02783	0	4.74	3.11	4.00	3.44	1.86E-02	1.85E-04	1.68E-05	3.47E-01	6.88E-03	1.36E-01
<i>Toll-6</i>	FBgn0036494	FBpp0297411	Cobs_02797	1	5.84	5.35	5.03	5.35	2.91E-03	4.34E-02	4.01E-02	9.59E-01	1.98E-01	2.48E-01

NA	NA	No hits found	Cobs_02938	0	2.59	1.74	1.61	1.56	2.32E-02	1.27E-02	3.58E-02	7.50E-01	8.08E-01	9.41E-01
<i>heph</i>	FBgn0011224	FBpp0289493	Cobs_03077	1	5.34	4.22	4.63	4.73	5.67E-03	8.91E-03	3.59E-05	3.69E-02	7.32E-02	7.97E-01
<i>heph</i>	FBgn0011224	FBpp0297631	Cobs_03079	0	3.46	2.33	2.51	2.52	1.91E-03	1.76E-03	2.40E-04	4.80E-01	5.26E-01	9.34E-01
<i>heph</i>	FBgn0011224	FBpp0111778	Cobs_03080	0	4.28	3.53	3.60	3.78	2.12E-03	1.29E-02	3.97E-04	1.93E-01	6.79E-01	4.45E-01
<i>ex</i>	FBgn0004583	FBpp0077719	Cobs_03123	0	6.58	5.65	6.03	5.43	2.40E-02	2.09E-05	1.64E-04	4.14E-01	7.88E-02	2.28E-02
-	-	FBpp0085079	Cobs_03140	1	6.05	5.42	5.36	5.06	3.05E-03	4.08E-05	3.41E-03	9.70E-02	8.08E-01	2.20E-01
<i>sti</i>	FBgn0002466	FBpp0075702	Cobs_03145	0	6.26	7.20	6.71	7.46	3.15E-02	1.18E-06	2.11E-05	1.80E-01	8.61E-03	9.33E-04
<i>Wnt2</i>	FBgn0004360	FBpp0087596	Cobs_03196	1	3.96	2.90	2.96	2.81	1.88E-03	3.13E-04	8.42E-04	7.69E-01	8.92E-01	7.11E-01
<i>gbb</i>	FBgn0024234	FBpp0072036	Cobs_03282	1	4.25	3.74	3.65	3.03	1.11E-02	2.37E-05	2.60E-02	6.99E-03	6.62E-01	3.45E-02
<i>stai</i>	FBgn0266521	FBpp0078829	Cobs_03331	1	6.60	5.83	5.75	5.81	8.20E-05	4.88E-05	5.38E-05	9.47E-01	6.94E-01	8.27E-01
<i>CG4552</i>	FBgn0031304	FBpp0077621	Cobs_03349	1	5.38	5.96	6.07	6.07	2.22E-02	1.32E-02	4.06E-02	7.35E-01	6.91E-01	9.87E-01
<i>Amun</i>	FBgn0030328	FBpp0292402	Cobs_03365	1	6.93	6.20	6.44	6.39	4.52E-03	8.94E-04	3.45E-05	2.39E-01	1.10E-01	8.22E-01
NA	NA	No hits found	Cobs_03444	0	4.47	5.22	5.34	5.53	1.39E-02	1.75E-03	2.62E-02	3.48E-01	6.83E-01	6.83E-01
<i>Sema-2a</i>	FBgn0011260	FBpp0086236	Cobs_03455	0	4.35	3.73	3.65	3.72	5.04E-03	7.09E-03	7.30E-03	9.84E-01	8.05E-01	8.45E-01
<i>CG33985</i>	FBgn0053985	FBpp0099397	Cobs_03527	0	11.08	12.53	12.56	12.90	4.91E-02	8.70E-03	3.92E-02	6.33E-01	9.64E-01	7.38E-01
<i>pip</i>	FBgn0003089	FBpp0074770	Cobs_03713	1	2.28	1.16	1.40	1.31	4.00E-02	2.43E-02	1.22E-02	7.89E-01	6.71E-01	9.39E-01
<i>arr</i>	FBgn0000119	FBpp0086821	Cobs_03771	0	5.86	5.31	5.33	5.32	3.99E-03	1.99E-03	1.61E-03	9.25E-01	9.06E-01	9.93E-01
<i>vari</i>	FBgn0250785	FBpp0088884	Cobs_03790	1	5.29	4.79	4.58	4.47	3.09E-04	2.65E-05	3.67E-03	5.66E-02	2.13E-01	5.81E-01
NA	NA	No hits found	Cobs_03838	0	4.05	2.60	3.33	3.16	3.95E-02	9.46E-03	1.67E-04	1.15E-01	3.06E-02	7.36E-01
<i>CG10631</i>	FBgn0032817	FBpp0080856	Cobs_03841	0	4.09	4.70	4.70	4.71	2.99E-03	1.49E-03	1.33E-03	9.49E-01	9.43E-01	9.99E-01
<i>CG8927</i>	FBgn0038405	FBpp0082708	Cobs_03941	1	4.36	2.55	3.36	3.29	3.49E-03	1.28E-03	1.39E-05	4.93E-02	2.20E-02	8.85E-01
-	-	FBpp0073941	Cobs_04008	0	5.30	5.01	4.97	4.70	3.63E-02	2.49E-04	4.73E-02	4.96E-02	8.36E-01	1.19E-01
<i>CG4729</i>	FBgn0036623	FBpp0075177	Cobs_04082	1	7.23	7.92	7.92	7.85	3.73E-03	3.55E-03	1.97E-03	8.17E-01	9.86E-01	8.44E-01
<i>dac</i>	FBgn0005677	FBpp0099814	Cobs_04141	1	3.68	2.45	2.49	2.58	5.19E-03	9.46E-03	3.16E-03	7.00E-01	9.29E-01	8.15E-01
<i>CG8909</i>	FBgn0030706	FBpp0290880	Cobs_04252	0	8.98	8.47	8.32	7.65	3.95E-03	6.68E-07	1.41E-02	2.29E-04	4.79E-01	4.51E-03
<i>CG15347</i>	FBgn0030040	FBpp0071185	Cobs_04264	0	5.50	4.53	5.00	4.39	2.16E-02	1.53E-05	3.92E-05	5.83E-01	2.34E-02	1.36E-02
<i>CG4365</i>	FBgn0037024	FBpp0077911	Cobs_04269	1	5.86	6.57	6.66	6.55	3.56E-03	5.24E-03	4.96E-03	9.53E-01	7.39E-01	7.59E-01
<i>CG12484</i>	FBgn0086604	FBpp0111686	Cobs_04378	1	1.96	0.90	0.96	0.79	2.62E-02	1.00E-02	1.49E-02	9.26E-01	8.97E-01	8.59E-01
<i>grh</i>	FBgn0259211	FBpp0289766	Cobs_04479	0	4.01	3.29	3.39	3.00	1.33E-02	2.83E-04	3.59E-03	3.72E-01	7.16E-01	2.40E-01

<i>grh</i>	FBgn0259211	FBpp0297580	Cobs_04483	1	6.44	5.84	5.85	5.75	5.88E-03	8.66E-04	3.11E-03	6.99E-01	9.74E-01	7.31E-01
<i>Sp1</i>	FBgn0020378	FBpp0271862	Cobs_04627	1	4.57	3.05	3.58	3.68	3.45E-03	7.15E-03	6.79E-05	7.17E-02	1.51E-01	7.48E-01
<i>CG3770</i>	FBgn0035085	FBpp0072300	Cobs_04643	1	4.78	4.15	4.36	4.12	4.23E-02	1.12E-03	2.48E-03	8.29E-01	3.08E-01	2.68E-01
<i>Sdc</i>	FBgn0010415	FBpp0297065	Cobs_04797	1	7.64	7.09	7.15	7.15	2.37E-02	1.24E-02	6.16E-03	7.87E-01	7.67E-01	9.98E-01
<i>CG34355</i>	FBgn0085384	FBpp0271723	Cobs_04887	1	3.68	4.54	4.59	4.16	8.20E-05	8.92E-03	4.59E-05	5.23E-02	7.80E-01	4.16E-02
<i>NA</i>	NA	No hits found	Cobs_05006	0	2.74	1.75	1.98	1.95	1.12E-02	6.01E-03	8.87E-04	4.88E-01	3.80E-01	9.48E-01
-	-	FBpp0111518	Cobs_05014	0	6.05	5.63	5.70	5.53	2.62E-02	7.80E-04	5.03E-03	5.47E-01	6.49E-01	3.32E-01
<i>S</i>	FBgn0003310	FBpp0077659	Cobs_05252	1	4.18	3.23	3.59	3.48	4.89E-03	8.97E-04	3.69E-05	2.56E-01	7.68E-02	7.18E-01
<i>Rac1</i>	FBgn0010333	FBpp0072614	Cobs_05262	1	6.58	6.92	6.90	6.93	3.15E-02	9.84E-03	1.35E-02	9.62E-01	8.87E-01	8.83E-01
-	-	FBpp0088147	Cobs_05687	1	3.54	2.77	2.96	2.69	3.36E-02	1.86E-03	4.51E-03	8.11E-01	4.68E-01	3.83E-01
-	-	FBpp0088147	Cobs_05689	0	1.63	0.65	0.66	0.81	1.43E-02	3.21E-02	8.48E-03	6.23E-01	9.37E-01	7.40E-01
<i>nvd</i>	FBgn0259697	FBpp0112384	Cobs_05891	1	4.35	2.74	2.47	1.37	3.99E-03	2.24E-04	7.90E-03	9.32E-02	7.11E-01	2.40E-01
<i>NA</i>	NA	No hits found	Cobs_05909	0	5.70	7.03	6.28	7.08	3.97E-02	1.37E-05	1.49E-05	8.80E-01	3.96E-03	7.69E-03
<i>Mon1</i>	FBgn0031640	FBpp0077079	Cobs_05949	1	4.93	5.37	5.51	5.47	2.63E-03	2.19E-03	1.24E-02	5.91E-01	4.06E-01	8.80E-01
<i>Tmhs</i>	FBgn0262624	FBpp0072717	Cobs_05950	1	4.65	4.11	4.01	3.56	1.88E-03	5.49E-06	4.34E-03	7.00E-03	6.08E-01	4.14E-02
<i>ci</i>	FBgn0004859	FBpp0297298	Cobs_06006	1	7.07	5.83	6.49	5.73	6.79E-03	5.80E-07	1.16E-06	7.12E-01	1.24E-03	1.62E-03
<i>CG10189</i>	FBgn0032793	FBpp0080822	Cobs_06036	0	5.61	5.13	4.95	5.05	1.25E-03	2.59E-03	8.04E-03	7.52E-01	3.30E-01	6.61E-01
<i>Eip74EF</i>	FBgn0000567	FBpp0099825	Cobs_06037	1	4.63	3.93	3.80	3.88	7.30E-03	7.64E-03	1.05E-02	9.47E-01	7.96E-01	9.03E-01
<i>usp</i>	FBgn0003964	FBpp0070332	Cobs_06519	1	5.25	4.69	4.71	4.56	1.37E-02	1.12E-03	5.40E-03	6.18E-01	8.65E-01	5.51E-01
<i>CG30105</i>	FBgn0050105	FBpp0086057	Cobs_06552	1	2.53	1.74	1.92	1.91	2.84E-02	1.77E-02	3.68E-03	5.59E-01	4.76E-01	9.69E-01
<i>CG6613</i>	FBgn0034694	FBpp0071672	Cobs_06567	1	6.74	7.34	7.33	7.19	8.97E-04	3.37E-03	2.54E-04	3.37E-01	9.42E-01	4.54E-01
<i>CG34383</i>	FBgn0085412	FBpp0288450	Cobs_06593	1	7.14	6.63	6.79	6.75	4.80E-02	1.57E-02	2.73E-03	5.04E-01	3.30E-01	8.75E-01
<i>CG8237</i>	FBgn0033350	FBpp0087734	Cobs_06623	1	4.69	5.31	5.35	5.73	3.49E-02	5.70E-04	3.39E-02	1.34E-01	9.21E-01	2.21E-01
<i>CG11986</i>	FBgn0037656	FBpp0081447	Cobs_06702	1	4.94	5.79	5.60	5.66	3.50E-02	1.27E-02	4.09E-03	6.69E-01	4.95E-01	8.95E-01
<i>CG5065</i>	FBgn0034145	FBpp0297360	Cobs_06846	0	4.90	3.78	3.81	3.45	2.14E-02	1.80E-03	1.35E-02	4.89E-01	9.48E-01	4.97E-01
<i>NA</i>	NA	No hits found	Cobs_06857	0	8.06	7.49	7.52	7.55	4.32E-02	3.81E-02	2.38E-02	8.45E-01	9.45E-01	9.25E-01
<i>twi</i>	FBgn0003900	FBpp0099476	Cobs_06866	1	2.15	0.79	1.12	0.56	2.05E-03	3.51E-05	1.34E-04	5.98E-01	3.63E-01	1.82E-01
<i>Msp-300</i>	FBgn0261836	FBpp0292446	Cobs_06868	0	5.07	4.52	4.66	4.61	1.78E-02	4.62E-03	1.14E-03	6.14E-01	3.67E-01	8.29E-01
<i>CG14711</i>	FBgn0037922	FBpp0081892	Cobs_06907	0	2.84	2.20	2.03	2.22	1.35E-02	4.49E-02	3.65E-02	9.32E-01	6.26E-01	6.38E-01

<i>RhoGAP68F</i>	FBgn0036257	FBpp0075729	Cobs_06910	0	6.84	6.25	6.15	5.95	6.22E-04	1.60E-05	1.20E-03	7.44E-02	5.72E-01	3.10E-01
<i>CG4751</i>	FBgn0032348	FBpp0079789	Cobs_06940	1	4.96	4.62	4.51	4.50	8.88E-03	5.05E-03	3.49E-02	5.18E-01	4.95E-01	9.93E-01
<i>CG15093</i>	FBgn0034390	FBpp0292854	Cobs_06958	1	5.04	6.15	6.26	6.41	1.22E-02	2.22E-03	1.32E-02	5.72E-01	8.28E-01	7.97E-01
<i>Wnt2</i>	FBgn0004360	FBpp0087596	Cobs_07267	0	3.21	2.44	2.45	2.20	2.30E-02	5.91E-03	1.43E-02	7.72E-01	9.33E-01	7.51E-01
<i>lqfR</i>	FBgn0261279	FBpp0288789	Cobs_07298	1	7.36	7.73	7.77	7.73	3.65E-02	3.50E-02	3.95E-02	9.97E-01	8.62E-01	8.99E-01
<i>lbe</i>	FBgn0011278	FBpp0083490	Cobs_07397	0	3.16	1.59	1.93	1.78	1.10E-03	2.24E-04	5.08E-05	6.31E-01	3.06E-01	7.49E-01
<i>lbe</i>	FBgn0011278	FBpp0083490	Cobs_07399	1	2.02	0.60	0.35	0.05	2.75E-03	4.49E-04	5.99E-03	3.90E-01	6.60E-01	7.49E-01
<i>CG16786</i>	FBgn0034974	FBpp0072156	Cobs_07495	1	6.58	5.76	5.79	6.00	3.00E-03	1.24E-02	1.07E-03	3.49E-01	9.03E-01	4.97E-01
-	-	FBpp0290768	Cobs_07565	1	5.20	4.49	4.34	4.36	1.88E-03	1.25E-03	5.99E-03	6.27E-01	5.21E-01	9.49E-01
<i>unc-5</i>	FBgn0034013	FBpp0086514	Cobs_07859	1	5.66	4.68	4.78	4.65	5.79E-04	6.93E-05	7.29E-05	9.63E-01	6.92E-01	7.32E-01
<i>crok</i>	FBgn0032421	FBpp0079924	Cobs_07876	1	4.00	3.62	3.60	3.52	2.03E-02	2.99E-03	1.95E-02	5.47E-01	9.36E-01	6.68E-01
<i>neo</i>	FBgn0039704	FBpp0084852	Cobs_07992	0	2.55	1.06	1.34	1.45	1.88E-03	2.73E-03	1.71E-04	3.03E-01	4.52E-01	8.18E-01
<i>Mpc1</i>	FBgn0038662	FBpp0083137	Cobs_08166	0	4.43	4.77	4.79	5.09	3.31E-02	9.94E-05	3.56E-02	2.99E-02	9.00E-01	6.66E-02
<i>N</i>	FBgn0004647	FBpp0293201	Cobs_08219	0	3.17	2.16	2.36	2.25	9.85E-03	4.28E-03	1.60E-03	7.38E-01	5.51E-01	8.95E-01
<i>N</i>	FBgn0004647	FBpp0293201	Cobs_08231	1	7.51	6.35	6.84	6.40	2.37E-03	3.84E-06	1.86E-06	8.43E-01	9.43E-03	3.85E-02
<i>N</i>	FBgn0004647	FBpp0293201	Cobs_08234	0	3.78	2.62	3.03	2.53	8.59E-03	1.02E-04	1.47E-04	8.94E-01	1.32E-01	1.50E-01
<i>fz4</i>	FBgn0027342	FBpp0070977	Cobs_08295	1	4.79	3.45	4.05	3.77	3.49E-03	1.29E-04	6.87E-06	2.12E-01	1.46E-02	3.61E-01
-	-	FBpp0071866	Cobs_08305	1	5.56	6.48	6.49	6.21	3.88E-03	2.41E-02	2.17E-03	3.56E-01	9.87E-01	4.08E-01
<i>Inx3</i>	FBgn0265274	FBpp0084719	Cobs_08347	1	5.60	4.43	4.92	4.42	9.42E-03	4.05E-05	3.69E-05	9.82E-01	4.94E-02	8.50E-02
<i>NA</i>	NA	No hits found	Cobs_08348	0	4.18	3.40	3.21	3.36	3.51E-03	5.48E-03	1.23E-02	8.35E-01	5.51E-01	8.14E-01
<i>stan</i>	FBgn0024836	FBpp0293439	Cobs_08349	1	8.79	7.82	8.09	7.96	1.03E-03	4.82E-05	8.20E-06	4.81E-01	1.20E-01	5.54E-01
<i>nompC</i>	FBgn0016920	FBpp0293383	Cobs_08540	1	3.45	2.90	2.90	2.86	4.68E-02	3.87E-02	4.33E-02	9.86E-01	9.84E-01	9.99E-01
<i>ed</i>	FBgn0000547	FBpp0077154	Cobs_08564	0	7.33	6.00	6.45	6.30	2.36E-04	1.61E-05	7.70E-07	1.53E-01	2.32E-02	5.48E-01
<i>Fer1HCH</i>	FBgn0015222	FBpp0084998	Cobs_08636	1	9.04	9.91	9.96	10.26	2.62E-02	1.77E-03	2.33E-02	3.85E-01	9.05E-01	5.47E-01
<i>Vha44</i>	FBgn0262511	FBpp0086320	Cobs_08642	1	7.14	7.62	7.54	7.66	4.17E-02	4.29E-03	1.02E-02	8.33E-01	7.10E-01	6.16E-01
<i>Fs</i>	FBgn0259878	FBpp0089409	Cobs_08664	1	3.69	2.53	2.47	2.39	6.90E-04	2.36E-04	6.58E-04	7.47E-01	8.96E-01	8.81E-01
<i>Hdc</i>	FBgn0005619	FBpp0087422	Cobs_08684	0	2.67	1.77	1.43	2.15	2.06E-04	4.74E-02	1.36E-03	1.70E-01	3.18E-01	3.10E-02
<i>CG31547</i>	FBgn0051547	FBpp0078412	Cobs_08689	1	5.25	3.73	4.30	4.27	2.80E-02	2.83E-02	1.24E-03	2.15E-01	2.38E-01	9.28E-01
<i>tio</i>	FBgn0028979	FBpp0088404	Cobs_08782	1	6.29	5.64	5.38	5.28	6.74E-04	9.45E-05	5.81E-03	1.36E-01	2.57E-01	7.84E-01

<i>wg</i>	FBgn0004009	FBpp0079060	Cobs_08854	1	2.46	1.39	1.52	1.57	2.14E-02	1.87E-02	7.68E-03	7.28E-01	7.62E-01	9.59E-01
<i>Wnt6</i>	FBgn0031902	FBpp0292343	Cobs_08860	1	1.73	0.27	0.66	0.11	2.99E-02	1.80E-03	4.83E-03	8.18E-01	5.25E-01	4.29E-01
<i>Wnt10</i>	FBgn0031903	FBpp0292305	Cobs_08872	1	2.89	1.30	1.81	1.50	2.96E-03	2.56E-04	9.49E-05	7.28E-01	2.06E-01	5.10E-01
<i>NA</i>	NA	No hits found	Cobs_08973	0	3.37	2.41	2.78	2.65	3.72E-02	1.20E-02	1.47E-03	4.39E-01	2.10E-01	8.02E-01
<i>gsb-n</i>	FBgn0001147	FBpp0072363	Cobs_09004	1	2.15	0.32	0.73	0.62	2.02E-04	6.38E-05	1.47E-05	5.36E-01	3.59E-01	8.87E-01
<i>CG34133</i>	FBgn0083969	FBpp0110188	Cobs_09012	1	6.63	7.04	7.20	7.12	4.14E-05	4.82E-05	3.11E-04	5.23E-01	1.40E-01	5.60E-01
<i>CG6426</i>	FBgn0034162	FBpp0086191	Cobs_09041	1	7.06	6.48	6.57	6.40	1.36E-02	6.33E-04	2.14E-03	7.25E-01	6.49E-01	4.66E-01
<i>l(3)72Dp</i>	FBgn0263607	FBpp0075214	Cobs_09055	1	4.42	5.85	5.70	5.64	9.42E-03	7.70E-03	2.10E-03	6.27E-01	7.29E-01	9.15E-01
<i>pcs</i>	FBgn0033988	FBpp0290722	Cobs_09077	0	5.18	5.79	5.63	5.61	3.16E-02	2.40E-02	2.50E-03	3.92E-01	4.12E-01	9.61E-01
<i>CG17005</i>	FBgn0032109	FBpp0271694	Cobs_09388	0	5.29	5.71	5.62	6.25	2.32E-02	3.87E-07	2.95E-03	2.23E-04	5.52E-01	2.27E-04
<i>CG6388</i>	FBgn0032430	FBpp0079949	Cobs_09418	0	4.64	3.96	3.72	3.97	1.63E-03	1.33E-02	8.40E-03	8.66E-01	3.95E-01	3.67E-01
<i>CG11360</i>	FBgn0039920	FBpp0088160	Cobs_09424	1	4.06	3.35	3.24	3.61	9.35E-04	3.41E-02	1.74E-03	2.57E-01	6.72E-01	1.40E-01
<i>CG11360</i>	FBgn0039920	FBpp0088160	Cobs_09425	0	3.60	2.94	2.90	2.94	1.70E-02	1.93E-02	1.42E-02	9.02E-01	9.80E-01	9.06E-01
<i>NA</i>	NA	No hits found	Cobs_09478	0	2.84	1.31	2.14	1.54	3.01E-02	5.38E-04	7.13E-05	5.02E-01	1.87E-02	1.76E-01
<i>ft</i>	FBgn0001075	FBpp0077167	Cobs_09482	0	4.89	3.45	3.86	3.41	6.74E-04	1.63E-05	1.15E-05	9.67E-01	1.28E-01	2.20E-01
<i>ft</i>	FBgn0001075	FBpp0077167	Cobs_09486	1	7.78	6.49	7.12	6.48	4.72E-03	1.45E-06	1.34E-06	9.68E-01	2.90E-03	7.90E-03
<i>inv</i>	FBgn0001269	FBpp0087175	Cobs_09560	0	5.29	4.39	4.59	4.53	6.46E-03	3.38E-03	5.74E-04	5.23E-01	4.55E-01	9.79E-01
<i>NA</i>	NA	No hits found	Cobs_09563	0	1.73	0.48	0.68	0.71	5.64E-03	6.38E-03	1.13E-03	5.29E-01	6.27E-01	9.03E-01
<i>en</i>	FBgn0000577	FBpp0087198	Cobs_09569	0	2.65	1.86	1.41	1.93	1.06E-05	8.47E-04	3.52E-04	7.88E-01	4.76E-02	4.32E-02
<i>en</i>	FBgn0000577	FBpp0087198	Cobs_09570	1	3.46	2.51	2.85	2.73	4.47E-02	1.82E-02	2.05E-03	4.19E-01	2.30E-01	8.56E-01
-	-	FBpp0071228	Cobs_09716	0	2.90	1.56	1.54	1.35	8.47E-04	9.94E-05	3.29E-04	6.72E-01	9.08E-01	6.37E-01
-	-	FBpp0288532	Cobs_09721	0	7.32	6.28	6.49	6.27	1.11E-04	1.53E-06	1.68E-06	9.67E-01	1.99E-01	2.53E-01
<i>Mcr</i>	FBgn0264800	FBpp0079165	Cobs_09736	1	7.15	6.67	6.65	6.36	1.27E-02	8.76E-05	1.01E-02	8.19E-02	9.14E-01	1.54E-01
<i>vih</i>	FBgn0264848	FBpp0075690	Cobs_09766	1	6.51	6.19	6.13	6.24	5.93E-03	3.26E-02	1.32E-02	7.22E-01	6.31E-01	4.47E-01
<i>l(1)G0255</i>	FBgn0028336	FBpp0070915	Cobs_09792	0	7.19	7.61	7.61	8.11	2.40E-02	8.85E-06	1.36E-02	4.59E-03	9.81E-01	1.05E-02
<i>bi</i>	FBgn0000179	FBpp0289836	Cobs_09798	0	4.09	3.50	3.51	3.21	1.91E-02	6.43E-04	1.22E-02	2.96E-01	9.52E-01	3.14E-01
<i>bi</i>	FBgn0000179	FBpp0289836	Cobs_09802	0	3.43	2.81	2.44	2.32	2.89E-03	1.18E-03	3.10E-02	2.16E-01	2.60E-01	8.91E-01
<i>MICAL-like</i>	FBgn0036333	FBpp0075632	Cobs_09883	1	7.10	6.73	6.73	6.37	2.96E-02	3.97E-05	2.00E-02	1.83E-02	9.91E-01	3.62E-02
<i>sano</i>	FBgn0034408	FBpp0288739	Cobs_09906	1	5.05	4.07	4.49	3.98	2.14E-02	6.39E-05	1.68E-04	7.38E-01	7.75E-02	6.00E-02

<i>eya</i>	FBgn0000320	FBpp0297250	Cobs_09948	1	6.07	5.53	5.53	5.03	1.48E-02	2.37E-05	9.83E-03	2.10E-02	9.90E-01	3.86E-02
<i>CG2224</i>	FBgn0039773	FBpp0085053	Cobs_09954	1	4.54	5.08	5.15	5.18	2.16E-02	9.70E-03	2.99E-02	7.39E-01	7.93E-01	9.48E-01
<i>CG6115</i>	FBgn0040985	FBpp0080512	Cobs_09959	1	3.15	3.96	4.28	4.47	1.29E-03	1.01E-04	1.19E-02	7.86E-02	2.56E-01	6.04E-01
<i>Su(dx)</i>	FBgn0003557	FBpp0077496	Cobs_10050	1	7.56	8.09	8.01	7.94	1.89E-02	2.55E-02	3.19E-03	4.19E-01	6.60E-01	7.94E-01
<i>His3.3A</i>	FBgn0014857	FBpp0078649	Cobs_10112	0	10.05	9.70	9.15	9.70	4.97E-05	3.87E-02	4.42E-02	9.96E-01	1.70E-03	5.41E-03
<i>CG12880</i>	FBgn0046258	FBpp0084587	Cobs_10118	1	4.05	3.24	3.00	2.59	3.78E-03	2.54E-04	1.18E-02	1.36E-01	5.80E-01	4.14E-01
<i>CG42361</i>	FBgn0259707	FBpp0289237	Cobs_10122	1	3.96	4.45	4.57	4.37	4.01E-03	2.31E-02	1.38E-02	8.45E-01	5.35E-01	4.69E-01
<i>CHES-1-like</i>	FBgn0029504	FBpp0111859	Cobs_10262	1	7.18	7.70	7.77	7.71	2.63E-03	2.39E-03	3.23E-03	9.73E-01	7.27E-01	8.26E-01
<i>borr</i>	FBgn0032105	FBpp0079416	Cobs_10303	1	5.63	4.86	5.20	5.20	2.62E-02	1.76E-02	1.47E-04	6.71E-02	6.18E-02	9.84E-01
<i>nkd</i>	FBgn0002945	FBpp0074806	Cobs_10315	1	6.43	5.85	5.88	5.80	5.58E-03	1.12E-03	2.19E-03	8.66E-01	9.04E-01	8.12E-01
<i>ColV</i>	FBgn0032833	FBpp0080836	Cobs_10416	1	8.13	8.56	8.56	9.23	4.19E-02	5.49E-06	3.14E-02	1.28E-03	9.75E-01	3.92E-03
<i>CG42374</i>	FBgn0259720	FBpp0289252	Cobs_10499	0	2.03	0.82	1.12	1.25	3.16E-03	8.75E-03	1.71E-04	1.43E-01	3.24E-01	6.89E-01
<i>sni</i>	FBgn0030026	FBpp0071131	Cobs_10631	1	6.09	6.77	6.76	6.79	2.88E-02	1.21E-02	1.66E-02	9.61E-01	9.71E-01	9.45E-01
<i>Sema-1a</i>	FBgn0011259	FBpp0292882	Cobs_10738	0	5.70	5.03	5.19	5.12	1.23E-02	2.43E-03	8.80E-04	7.10E-01	4.19E-01	7.95E-01
<i>Cirl</i>	FBgn0033313	FBpp0290577	Cobs_10832	1	5.58	4.98	5.09	4.94	2.57E-02	2.92E-03	4.97E-03	9.07E-01	6.39E-01	6.25E-01
<i>Wnt2</i>	FBgn0004360	FBpp0087596	Cobs_10912	0	2.39	1.71	1.64	1.67	2.09E-02	3.27E-02	2.65E-02	9.40E-01	8.66E-01	8.50E-01
<i>CG13921</i>	FBgn0035267	FBpp0292224	Cobs_10944	1	4.70	3.46	3.77	3.44	1.10E-03	4.43E-05	3.74E-05	9.86E-01	2.75E-01	3.53E-01
<i>CG16791</i>	FBgn0038881	FBpp0083494	Cobs_11063	0	4.93	4.32	4.19	4.16	3.09E-04	9.35E-05	9.98E-04	4.22E-01	4.94E-01	9.15E-01
<i>CG5708</i>	FBgn0032196	FBpp0079546	Cobs_11144	0	2.75	1.86	1.48	1.79	1.07E-03	4.68E-03	7.44E-03	9.11E-01	3.37E-01	5.24E-01
<i>Fur2</i>	FBgn0004598	FBpp0290516	Cobs_11175	1	5.29	4.68	4.76	4.54	3.75E-02	2.42E-03	1.22E-02	6.14E-01	7.53E-01	4.52E-01
<i>Pvf3</i>	FBgn0085407	FBpp0290740	Cobs_11213	0	2.61	1.71	1.59	1.31	3.49E-03	2.87E-04	7.20E-03	2.52E-01	7.22E-01	5.02E-01
<i>Skeletor</i>	FBgn0262717	FBpp0296944	Cobs_11504	1	8.61	8.06	7.78	7.06	1.88E-03	5.16E-07	2.00E-02	1.01E-04	2.13E-01	5.90E-03
-	-	FBpp0293258	Cobs_11515	1	5.67	4.99	5.20	5.02	1.36E-02	5.66E-04	3.31E-04	8.60E-01	2.18E-01	4.12E-01
<i>vfl</i>	FBgn0259789	FBpp0074577	Cobs_11536	1	7.26	6.58	6.64	6.61	3.72E-03	1.17E-03	8.16E-04	8.79E-01	7.66E-01	9.34E-01
<i>boi</i>	FBgn0040388	FBpp0292890	Cobs_11760	1	6.47	5.78	5.79	5.53	7.83E-03	2.66E-04	4.22E-03	3.48E-01	9.78E-01	3.88E-01
<i>kin17</i>	FBgn0024887	FBpp0077839	Cobs_11796	1	4.07	4.58	4.55	4.59	3.79E-02	1.61E-02	1.82E-02	9.93E-01	8.69E-01	9.13E-01
<i>ds</i>	FBgn0000497	FBpp0077708	Cobs_12028	0	5.25	3.52	4.19	3.91	1.06E-03	7.59E-05	5.99E-06	2.31E-01	3.51E-02	5.34E-01
<i>ds</i>	FBgn0000497	FBpp0077708	Cobs_12039	1	5.80	4.49	4.92	4.49	1.88E-04	8.18E-07	7.70E-07	9.71E-01	2.91E-02	6.46E-02
<i>CG8192</i>	FBgn0034030	FBpp0086487	Cobs_12094	1	4.19	3.49	3.13	3.38	1.98E-04	9.19E-04	3.19E-03	7.00E-01	1.62E-01	4.57E-01

NA	NA	No hits found	Cobs_12136	0	9.30	8.63	8.94	8.51	4.66E-02	3.31E-05	2.14E-04	4.91E-01	5.33E-02	2.03E-02
<i>Akap200</i>	FBgn0027932	FBpp0079279	Cobs_12137	0	8.21	7.51	7.68	7.29	8.57E-03	1.76E-05	3.45E-04	2.46E-01	3.47E-01	5.57E-02
<i>CG3726</i>	FBgn0029824	FBpp0070823	Cobs_12204	0	6.23	5.58	5.53	5.48	5.22E-03	1.76E-03	5.99E-03	7.22E-01	8.20E-01	9.23E-01
<i>CG10973</i>	FBgn0036306	FBpp0099759	Cobs_12244	1	7.34	8.09	7.68	7.66	4.44E-02	3.58E-02	2.90E-05	7.53E-03	9.08E-03	9.39E-01
<i>DI</i>	FBgn0000463	FBpp0293200	Cobs_12248	1	3.59	3.08	2.89	3.07	8.78E-03	2.99E-02	4.36E-02	9.28E-01	4.52E-01	6.27E-01
<i>CG31998</i>	FBgn0051998	FBpp0088212	Cobs_12268	1	6.21	5.31	5.49	5.24	1.06E-03	1.88E-05	3.45E-05	7.72E-01	3.38E-01	2.59E-01
<i>mthl5</i>	FBgn0037960	FBpp0081989	Cobs_12321	1	5.38	4.91	4.74	4.57	1.82E-03	1.01E-04	9.83E-03	9.47E-02	3.74E-01	5.21E-01
<i>fax</i>	FBgn0014163	FBpp0099913	Cobs_12344	1	6.80	6.23	6.14	6.06	4.66E-04	4.82E-05	7.95E-04	3.23E-01	6.03E-01	7.29E-01
<i>CG13003</i>	FBgn0030798	FBpp0074123	Cobs_12366	1	5.50	4.50	4.87	4.66	1.50E-02	1.12E-03	2.10E-04	5.55E-01	1.32E-01	5.26E-01
<i>uif</i>	FBgn0031879	FBpp0288558	Cobs_12438	1	8.61	8.01	8.09	7.51	2.32E-02	1.37E-05	5.31E-03	1.60E-02	7.39E-01	1.47E-02
<i>llp1</i>	FBgn0044051	FBpp0076057	Cobs_12454	0	4.54	1.24	2.66	2.17	1.22E-02	2.84E-03	4.74E-04	3.49E-01	1.11E-01	6.81E-01
<i>CG12006</i>	FBgn0035464	FBpp0073009	Cobs_12525	1	4.23	4.76	4.70	4.68	1.04E-02	7.95E-03	2.45E-03	6.78E-01	7.29E-01	9.47E-01
<i>CG33502</i>	FBgn0053502	FBpp0070054	Cobs_12562	0	4.46	4.88	5.21	5.01	1.88E-04	1.77E-03	1.52E-02	4.85E-01	3.23E-02	2.54E-01
-	-	FBpp0074593	Cobs_12566	0	10.15	12.27	12.15	12.60	2.40E-02	2.88E-03	1.01E-02	7.28E-01	9.05E-01	6.93E-01
<i>Doc1</i>	FBgn0028789	FBpp0076249	Cobs_12581	1	1.46	0.27	0.55	0.49	3.82E-02	1.57E-02	5.23E-03	6.75E-01	4.92E-01	8.91E-01
<i>Sec24AB</i>	FBgn0033460	FBpp0087536	Cobs_12690	1	8.26	8.50	8.53	8.54	3.36E-02	1.49E-02	4.79E-02	7.26E-01	7.76E-01	9.56E-01
<i>CG42747</i>	FBgn0261801	FBpp0292362	Cobs_12753	1	2.95	2.29	2.13	1.79	1.39E-03	5.93E-05	6.55E-03	7.08E-02	4.52E-01	3.47E-01
<i>Egfr</i>	FBgn0003731	FBpp0071570	Cobs_12930	1	7.23	6.58	6.84	6.56	3.65E-02	2.76E-04	3.87E-04	9.50E-01	1.10E-01	1.46E-01
NA	NA	No hits found	Cobs_12932	0	1.83	0.73	1.11	1.01	4.47E-02	2.64E-02	3.71E-03	4.59E-01	3.38E-01	9.36E-01
<i>Tollo</i>	FBgn0029114	FBpp0075360	Cobs_12951	0	5.20	4.43	4.58	4.22	1.86E-02	3.84E-04	2.52E-03	5.25E-01	5.43E-01	2.48E-01
<i>CG13926</i>	FBgn0035243	FBpp0072703	Cobs_13016	1	4.92	5.42	5.46	5.41	7.16E-03	8.70E-03	8.36E-03	9.63E-01	8.23E-01	8.38E-01
-	-	FBpp0078841	Cobs_13179	0	3.85	2.51	2.92	2.73	4.21E-03	7.03E-04	1.04E-04	5.04E-01	1.73E-01	6.67E-01
NA	NA	No hits found	Cobs_13195	0	5.30	3.69	4.02	3.21	2.19E-04	1.53E-06	1.12E-05	2.86E-01	3.04E-01	5.74E-02
<i>Dap160</i>	FBgn0023388	FBpp0290491	Cobs_13212	0	4.71	4.12	3.92	4.12	3.24E-03	1.38E-02	1.63E-02	9.90E-01	4.31E-01	5.39E-01
<i>cas</i>	FBgn0004878	FBpp0078374	Cobs_13214	1	6.37	5.63	5.75	5.90	3.21E-03	1.16E-02	3.21E-04	1.74E-01	5.60E-01	5.38E-01
<i>disco-r</i>	FBgn0042650	FBpp0074029	Cobs_13363	1	5.83	4.62	4.97	4.86	2.37E-03	4.78E-04	3.45E-05	3.49E-01	1.70E-01	8.18E-01
<i>ovo</i>	FBgn0003028	FBpp0070708	Cobs_13506	1	4.38	3.83	3.49	3.54	6.33E-04	7.56E-04	1.62E-02	2.70E-01	1.26E-01	8.43E-01
<i>mt:ND4</i>	FBgn0262952	FBpp0100183	Cobs_13777	1	5.29	6.04	6.10	6.44	3.03E-04	1.53E-06	2.95E-04	2.67E-02	7.42E-01	9.75E-02
<i>wee</i>	FBgn0011737	FBpp0078999	Cobs_13922	1	6.03	5.53	5.72	5.55	4.69E-02	1.20E-03	1.02E-03	9.32E-01	1.64E-01	2.85E-01

<i>v</i>	FBgn0003965	FBpp0073242	Cobs_14037	1	6.06	3.98	4.13	4.25	2.66E-04	2.49E-04	5.52E-05	5.99E-01	7.84E-01	8.47E-01
<i>wgn</i>	FBgn0030941	FBpp0074388	Cobs_14174	1	3.64	2.92	2.96	2.68	1.41E-02	6.21E-04	7.66E-03	3.86E-01	9.05E-01	3.60E-01
<i>Sox100B</i>	FBgn0024288	FBpp0085097	Cobs_14342	1	3.34	2.70	2.52	2.08	4.66E-03	9.45E-05	1.86E-02	4.45E-02	5.30E-01	2.13E-01
-	-	FBpp0293081	Cobs_14410	0	5.18	3.84	2.50	4.29	1.34E-06	5.62E-03	3.20E-04	2.66E-01	2.22E-03	5.53E-04
<i>Np</i>	FBgn0265011	FBpp0300317	Cobs_14489	1	4.87	3.22	3.89	3.77	9.42E-03	2.86E-03	8.60E-05	1.73E-01	7.80E-02	8.49E-01
<i>Mocs1</i>	FBgn0263241	FBpp0075935	Cobs_14554	1	5.07	5.41	5.68	5.62	1.06E-03	1.21E-03	4.27E-02	1.97E-01	7.38E-02	7.83E-01
<i>ss</i>	FBgn0003513	FBpp0082768	Cobs_14658	1	3.85	2.43	2.99	2.68	1.20E-02	1.42E-03	1.57E-04	4.29E-01	9.77E-02	5.73E-01
<i>CG3961</i>	FBgn0036821	FBpp0074845	Cobs_14706	1	6.87	7.46	7.54	7.84	3.85E-03	4.01E-05	5.53E-03	6.49E-02	7.18E-01	2.10E-01
<i>robo</i>	FBgn0005631	FBpp0071833	Cobs_14764	0	6.13	5.32	5.40	5.50	2.51E-03	4.40E-03	5.07E-04	4.21E-01	7.51E-01	7.11E-01
<i>Nrt</i>	FBgn0004108	FBpp0292987	Cobs_15037	1	6.83	6.38	6.43	6.46	1.37E-02	1.03E-02	2.68E-03	6.18E-01	7.06E-01	9.26E-01
<i>NetA</i>	FBgn0015773	FBpp0300656	Cobs_15088	1	3.98	3.35	2.99	3.36	3.10E-04	1.10E-02	7.85E-03	8.98E-01	1.32E-01	1.50E-01
<i>CG10907</i>	FBgn0036207	FBpp0075761	Cobs_15111	1	5.09	5.70	5.84	5.75	3.99E-03	5.66E-03	1.14E-02	8.70E-01	5.62E-01	7.86E-01
<i>H</i>	FBgn0001169	FBpp0083324	Cobs_15150	1	6.74	7.66	7.93	7.50	5.73E-03	4.54E-02	1.87E-02	7.24E-01	5.03E-01	3.53E-01
<i>Traf4</i>	FBgn0026319	FBpp0077119	Cobs_15214	0	3.90	3.26	3.30	3.04	3.79E-02	2.86E-03	2.34E-02	4.80E-01	9.14E-01	4.53E-01
<i>Pex3</i>	FBgn0036484	FBpp0075393	Cobs_15220	1	6.67	7.32	7.22	7.39	4.66E-02	4.77E-03	1.23E-02	8.04E-01	7.22E-01	6.01E-01
<i>Dll</i>	FBgn0000157	FBpp0289353	Cobs_15290	1	2.91	1.22	1.67	1.67	5.79E-04	3.45E-04	1.49E-05	2.14E-01	1.86E-01	9.93E-01
-	-	FBpp0079793	Cobs_15304	0	7.56	6.86	7.01	6.60	1.88E-02	7.07E-05	1.71E-03	2.59E-01	4.97E-01	9.82E-02
<i>NA</i>	NA	No hits found	Cobs_15312	0	4.63	3.95	4.16	3.76	2.91E-02	1.82E-04	1.42E-03	4.84E-01	2.83E-01	1.04E-01
<i>smo</i>	FBgn0003444	FBpp0077788	Cobs_15378	1	5.71	5.20	5.23	4.82	1.53E-02	3.90E-05	5.90E-03	5.35E-02	8.63E-01	5.46E-02
<i>CG10237</i>	FBgn0032783	FBpp0300885	Cobs_15380	0	4.63	3.91	4.06	3.80	7.58E-03	1.85E-04	8.36E-04	6.36E-01	4.90E-01	2.83E-01
<i>pdgy</i>	FBgn0027601	FBpp0292386	Cobs_15576	1	5.52	6.46	6.44	6.81	2.92E-02	1.34E-03	1.67E-02	3.90E-01	9.64E-01	4.21E-01
-	-	FBpp0289699	Cobs_15598	1	5.58	4.77	4.87	4.52	3.52E-03	5.39E-05	7.49E-04	3.42E-01	7.05E-01	2.16E-01
<i>Teng13</i>	FBgn0051679	FBpp0077486	Cobs_15606	0	5.46	4.56	4.85	4.48	3.55E-02	9.75E-04	1.58E-03	8.97E-01	2.68E-01	2.82E-01
<i>CG15358</i>	FBgn0031373	FBpp0077560	Cobs_15658	0	4.82	3.44	3.67	3.54	1.74E-04	2.37E-05	8.15E-06	7.04E-01	3.63E-01	7.49E-01
<i>fd96Ca</i>	FBgn0004897	FBpp0084145	Cobs_15675	1	2.36	0.20	0.66	0.96	2.32E-02	3.05E-02	3.30E-03	3.69E-01	5.09E-01	8.55E-01
<i>Rab19</i>	FBgn0015793	FBpp0076428	Cobs_15820	1	3.12	3.82	3.59	3.60	3.87E-02	2.16E-02	1.41E-03	3.08E-01	2.21E-01	9.51E-01
<i>ko</i>	FBgn0020294	FBpp0077980	Cobs_15892	0	2.47	1.46	1.65	1.39	1.81E-02	2.88E-03	3.93E-03	9.42E-01	6.20E-01	6.46E-01
<i>CG9876</i>	FBgn0034821	FBpp0071889	Cobs_15898	1	2.47	1.74	1.36	0.99	1.06E-03	4.07E-05	1.44E-02	2.39E-02	2.15E-01	3.40E-01
<i>CG14688</i>	FBgn0037819	FBpp0112127	Cobs_15913	0	5.14	6.49	6.52	7.91	3.70E-02	6.39E-05	3.04E-02	1.74E-02	9.53E-01	3.89E-02

NA	NA	No hits found	Cobs_15949	0	4.13	1.53	2.93	2.44	3.15E-02	1.95E-03	1.71E-04	2.44E-01	2.40E-02	3.82E-01
CG5151	FBgn0036576	FBpp0300176	Cobs_15971	0	5.05	3.62	4.03	4.37	1.38E-03	1.46E-02	2.90E-05	1.62E-02	1.92E-01	3.06E-01
NA	NA	No hits found	Cobs_15977	0	1.27	0.12	0.26	0.28	4.02E-02	3.22E-02	1.43E-02	7.60E-01	7.76E-01	9.75E-01
lr21a	FBgn0031209	FBpp0111921	Cobs_15987	0	3.13	2.01	2.22	2.26	1.51E-02	1.49E-02	2.27E-03	4.84E-01	5.28E-01	9.36E-01
fz2	FBgn0016797	FBpp0288861	Cobs_15996	1	2.60	1.96	1.73	1.47	1.69E-02	2.26E-03	4.17E-02	2.75E-01	6.45E-01	6.04E-01
CG7102	FBgn0031961	FBpp0079181	Cobs_15999	1	5.22	4.43	4.76	4.68	5.67E-03	1.06E-03	2.34E-05	1.53E-01	4.97E-02	7.64E-01
CG43066	FBgn0262476	FBpp0293405	Cobs_16158	1	4.65	5.16	5.18	5.09	7.47E-03	1.21E-02	6.07E-03	8.00E-01	9.29E-01	7.76E-01
imd	FBgn0013983	FBpp0085904	Cobs_16379	1	3.49	2.95	3.02	2.97	3.97E-02	2.07E-02	1.57E-02	9.09E-01	7.74E-01	9.23E-01
CG3501	FBgn0034791	FBpp0071818	Cobs_16491	1	6.29	6.84	6.75	6.72	2.40E-02	2.02E-02	3.95E-03	5.33E-01	6.34E-01	9.15E-01
fng	FBgn0011591	FBpp0077925	Cobs_16499	0	3.16	2.26	2.58	1.74	3.95E-02	5.14E-05	2.38E-03	1.31E-01	2.78E-01	2.10E-02
Cad74A	FBgn0036715	FBpp0075002	Cobs_16530	1	6.33	5.42	5.85	4.94	2.24E-02	5.16E-07	4.59E-05	2.06E-02	2.92E-02	3.79E-04
Cad96Ca	FBgn0022800	FBpp0084248	Cobs_16558	0	4.94	4.06	4.31	3.60	4.07E-03	1.53E-06	1.30E-04	4.48E-02	2.46E-01	6.16E-03
Seipin	FBgn0040336	FBpp0070426	Cobs_16702	1	5.50	6.48	6.46	6.76	2.25E-02	1.52E-03	1.24E-02	4.93E-01	9.70E-01	5.34E-01
pck	FBgn0013720	FBpp0070246	Cobs_16746	1	6.94	6.54	6.29	6.32	5.79E-04	3.13E-04	1.49E-02	1.68E-01	1.02E-01	9.08E-01
kek3	FBgn0028370	FBpp0290072	Cobs_16811	0	1.90	0.21	0.30	0.72	3.21E-03	1.25E-02	1.35E-03	3.96E-01	8.90E-01	5.54E-01
NA	NA	No hits found	Cobs_16826	0	3.53	2.23	2.43	2.35	7.20E-05	1.63E-05	5.77E-06	6.70E-01	4.05E-01	8.23E-01
CG7655	FBgn0038536	FBpp0082912	Cobs_17198	1	4.33	4.86	4.85	4.86	2.62E-02	1.37E-02	1.62E-02	9.92E-01	9.68E-01	9.71E-01
otk	FBgn0004839	FBpp0087135	Cobs_17272	1	6.40	5.67	5.88	5.85	1.91E-03	5.19E-04	2.11E-05	2.31E-01	1.48E-01	9.17E-01
otk	FBgn0004839	FBpp0087135	Cobs_17276	0	3.18	2.12	2.28	2.35	1.55E-03	1.49E-03	1.68E-04	4.32E-01	5.17E-01	9.01E-01
sog	FBgn0003463	FBpp0073879	Cobs_17421	1	4.80	4.16	4.18	4.12	8.59E-03	2.50E-03	5.27E-03	8.53E-01	9.74E-01	8.58E-01
-	-	FBpp0074209	Cobs_17422	1	7.38	7.00	7.05	6.57	3.56E-02	4.11E-06	8.65E-03	3.14E-03	7.15E-01	3.26E-03
-	-	FBpp0290273	Cobs_17456	1	6.90	5.83	5.93	5.74	1.34E-03	7.59E-05	1.99E-04	7.70E-01	7.16E-01	5.63E-01
nrv2	FBgn0015777	FBpp0099794	Cobs_17470	1	6.37	5.70	5.82	5.90	1.17E-02	1.71E-02	1.37E-03	3.35E-01	5.59E-01	7.79E-01
-	-	FBpp0088918	Cobs_17477	1	3.22	2.49	2.39	2.11	1.22E-02	1.78E-03	2.35E-02	3.55E-01	7.39E-01	6.23E-01
sob	FBgn0004892	FBpp0077247	Cobs_17576	1	3.18	1.79	2.11	1.84	4.56E-04	4.05E-05	3.39E-05	9.81E-01	3.91E-01	5.06E-01
bowl	FBgn0004893	FBpp0297872	Cobs_17609	1	6.41	5.44	5.45	5.17	1.11E-04	1.72E-06	2.29E-05	2.38E-01	9.35E-01	2.51E-01
NA	NA	No hits found	Cobs_17653	0	4.50	3.51	3.84	3.72	1.43E-02	2.74E-03	3.51E-04	4.55E-01	1.86E-01	7.41E-01
sprt	FBgn0082585	FBpp0087243	Cobs_17770	1	4.46	3.21	3.45	3.32	1.98E-04	3.31E-05	8.90E-06	6.65E-01	3.00E-01	7.11E-01
CG8778	FBgn0033761	FBpp0086993	Cobs_17956	1	5.62	6.31	6.44	6.45	2.40E-02	1.19E-02	4.12E-02	6.99E-01	7.12E-01	9.80E-01

<i>CG5853</i>	FBgn0032167	FBpp0079489	Cobs_17963	0	6.50	6.99	7.06	7.11	2.43E-02	7.24E-03	3.52E-02	6.17E-01	7.60E-01	8.87E-01
<i>Lac</i>	FBgn0010238	FBpp0087044	Cobs_18017	1	7.71	7.25	7.19	7.11	6.14E-04	4.82E-05	7.97E-04	3.23E-01	6.57E-01	6.88E-01
<i>Sodh-2</i>	FBgn0022359	FBpp0081800	Cobs_18020	0	5.80	7.35	7.73	7.31	5.60E-04	1.67E-03	1.51E-03	9.43E-01	4.36E-01	4.69E-01
<i>CG33275</i>	FBgn0035802	FBpp0088790	Cobs_18064	0	3.43	2.54	2.77	2.57	3.52E-02	9.52E-03	5.31E-03	8.47E-01	4.92E-01	7.54E-01
<i>kibra</i>	FBgn0262127	FBpp0099467	Cobs_18071	1	7.06	6.62	6.67	6.19	3.37E-02	1.61E-05	1.01E-02	1.21E-02	7.67E-01	1.21E-02
<i>Lim1</i>	FBgn0026411	FBpp0071216	Cobs_18161	1	3.98	2.96	2.89	2.92	2.66E-03	2.37E-03	2.75E-03	9.82E-01	8.89E-01	9.35E-01
<i>Notum</i>	FBgn0044028	FBpp0075193	Cobs_18188	1	3.90	3.39	3.37	3.21	1.54E-02	1.80E-03	1.86E-02	4.34E-01	8.76E-01	6.01E-01
<i>jumu</i>	FBgn0015396	FBpp0081715	Cobs_18284	1	6.18	5.56	5.54	5.69	1.16E-02	3.36E-02	8.36E-03	5.94E-01	9.57E-01	6.13E-01

Supplementary Table S4: List of genes that are either significantly up- or downregulated in WM compared to all three other phenotypes.

The binary flag Orthology is set to 1, if orthology was confirmed in reciprocal blasts. The columns EM, QU, WM, and WO give the mean expression as assessed by limma. The last six columns give FDR values for pairwise comparisons, also produced with limma.

FB gene symbol	FB gene ID	FB protein ID	C.obs ID	Orthol.	EM	QU	WM	WO	EM vs WM	EM vs WO	EM vs QU	QU vs WO	QU vs WM	WO vs WM
<i>CG10934</i>	FBgn0034263	FBpp0086019	Cobs_00168	0	4.35	4.54	3.71	4.43	7.60E-03	7.81E-01	3.56E-01	5.69E-01	2.89E-04	5.05E-03
<i>CG40498</i>	FBgn0069969	FBpp0291544	Cobs_00171	1	4.56	4.76	5.24	4.75	1.91E-03	3.43E-01	3.15E-01	9.62E-01	1.30E-02	2.67E-02
<i>kst</i>	FBgn0004167	FBpp0289294	Cobs_00193	1	9.93	9.85	10.39	9.64	2.34E-02	9.35E-02	6.79E-01	2.50E-01	3.26E-03	6.31E-04
<i>CG32436</i>	FBgn0052436	FBpp0077999	Cobs_00328	1	1.87	1.63	0.30	1.63	3.45E-03	7.40E-01	7.12E-01	9.81E-01	5.19E-03	1.37E-02
<i>CG18278</i>	FBgn0033836	FBpp0086833	Cobs_00329	1	4.73	5.18	3.31	4.37	3.03E-04	1.79E-01	1.44E-01	5.76E-03	4.06E-06	1.05E-02
<i>mAChR-B</i>	FBgn0037546	FBpp0081285	Cobs_00650	1	3.12	1.94	3.86	2.69	2.31E-02	2.48E-01	2.60E-03	5.10E-02	1.01E-05	2.70E-03
<i>CG6188</i>	FBgn0038074	FBpp0082120	Cobs_00805	1	4.50	5.20	6.52	4.17	8.44E-03	7.67E-01	3.88E-01	2.18E-01	3.80E-02	6.09E-03
NA	NA	No hits found	Cobs_00927	0	1.75	1.69	2.75	1.65	1.04E-02	9.37E-01	8.06E-01	8.79E-01	2.59E-03	1.37E-02
<i>Sik2</i>	FBgn0025625	FBpp0070326	Cobs_00973	1	6.60	7.06	6.07	6.55	2.16E-02	8.43E-01	2.56E-02	1.29E-02	3.47E-05	4.24E-02
<i>CG1732</i>	FBgn0039915	FBpp0088910	Cobs_00975	0	0.97	1.87	-2.45	1.20	1.74E-04	7.03E-01	1.23E-01	2.96E-01	9.72E-07	1.05E-04
<i>Rnp4F</i>	FBgn0014024	FBpp0111789	Cobs_01400	1	5.88	5.58	6.30	5.75	2.83E-02	5.00E-01	8.81E-02	3.48E-01	1.76E-04	6.94E-03
<i>tmod</i>	FBgn0082582	FBpp0085024	Cobs_01588	1	6.36	6.50	6.77	6.28	1.57E-03	5.69E-01	2.22E-01	5.57E-02	1.55E-02	5.49E-04
NA	NA	No hits found	Cobs_01979	0	1.86	1.52	3.56	2.69	6.10E-05	1.27E-02	5.73E-01	3.90E-03	8.02E-06	2.01E-02
<i>pros</i>	FBgn0004595	FBpp0293146	Cobs_02055	0	1.26	1.45	-2.44	0.91	2.71E-05	5.89E-01	7.71E-01	3.69E-01	2.99E-06	2.27E-04
<i>Rab27</i>	FBgn0025382	FBpp0070281	Cobs_02071	1	4.22	4.32	3.68	4.17	8.66E-03	8.04E-01	6.25E-01	4.19E-01	9.74E-04	2.43E-02
<i>CG7544</i>	FBgn0033994	FBpp0289552	Cobs_02485	1	2.27	2.17	2.85	2.29	3.02E-03	8.19E-01	6.97E-01	5.02E-01	4.91E-04	1.05E-02
<i>CG1890</i>	FBgn0039869	FBpp0085195	Cobs_02543	1	6.49	6.39	6.92	6.51	1.69E-02	9.49E-01	6.06E-01	5.39E-01	1.76E-03	2.46E-02
-	-	FBpp0099933	Cobs_02767	1	2.79	3.07	2.20	3.05	3.30E-02	2.38E-01	2.01E-01	9.36E-01	6.46E-04	3.16E-03
<i>CG43088</i>	FBgn0262534	FBpp0293413	Cobs_02807	0	2.66	2.65	3.56	2.61	2.10E-03	9.93E-01	9.59E-01	9.67E-01	8.39E-04	3.81E-03
<i>vsg</i>	FBgn0045823	FBpp0076130	Cobs_02819	1	6.61	6.70	7.61	6.73	1.11E-04	5.87E-01	6.95E-01	9.04E-01	8.67E-05	5.53E-04
<i>CG14967</i>	FBgn0035420	FBpp0291508	Cobs_02834	1	5.00	4.99	5.38	5.04	2.08E-02	8.92E-01	9.87E-01	8.72E-01	1.02E-02	3.78E-02
NA	NA	No hits found	Cobs_02937	0	1.16	1.03	2.32	1.32	3.51E-03	5.58E-01	8.71E-01	4.34E-01	1.21E-03	2.74E-02
<i>Bgb</i>	FBgn0013753	FBpp0072641	Cobs_03105	1	3.71	4.04	3.09	3.77	4.72E-03	8.92E-01	1.02E-01	1.50E-01	3.47E-05	4.80E-03
<i>CG7974</i>	FBgn0035254	FBpp0072646	Cobs_03581	1	5.13	5.50	4.70	5.18	2.62E-02	9.13E-01	4.45E-02	6.07E-02	7.38E-05	2.37E-02

-	-	FBpp0290378	Cobs_03957	0	4.02	4.44	3.50	4.01	2.40E-02	9.80E-01	3.37E-02	3.21E-02	5.30E-05	3.33E-02
<i>Patj</i>	FBgn0067864	FBpp0072664	Cobs_03964	1	6.16	6.21	5.65	6.18	3.93E-03	9.19E-01	7.66E-01	8.54E-01	6.78E-04	4.14E-03
<i>CG34127</i>	FBgn0083963	FBpp0290294	Cobs_04087	0	0.76	0.88	-0.10	0.88	4.19E-02	8.63E-01	8.65E-01	9.93E-01	1.50E-02	3.29E-02
<i>ome</i>	FBgn0259175	FBpp0288925	Cobs_04370	0	3.53	3.36	4.29	3.54	3.36E-02	9.95E-01	6.96E-01	7.01E-01	6.63E-03	4.31E-02
<i>CG3523</i>	FBgn0027571	FBpp0077343	Cobs_04512	0	0.44	0.45	1.65	0.65	4.89E-03	8.02E-01	9.09E-01	6.87E-01	1.68E-03	1.48E-02
<i>CG9836</i>	FBgn0037637	FBpp0081412	Cobs_04843	1	6.19	6.35	7.01	6.44	1.10E-03	2.66E-01	5.15E-01	7.16E-01	2.61E-03	1.98E-02
<i>eyg</i>	FBgn0000625	FBpp0099525	Cobs_04962	1	1.98	1.82	0.41	2.55	2.62E-02	2.26E-01	9.55E-01	2.19E-01	1.94E-02	2.86E-03
NA	NA	No hits found	Cobs_05113	0	4.55	4.75	3.86	5.17	1.85E-02	1.21E-02	5.25E-01	7.48E-02	1.51E-03	1.05E-04
<i>modSP</i>	FBgn0051217	FBpp0082798	Cobs_05218	1	1.47	0.64	2.80	0.95	2.85E-03	3.39E-01	1.24E-01	6.12E-01	4.54E-05	6.31E-04
<i>Pld</i>	FBgn0033075	FBpp0112984	Cobs_05363	1	5.67	5.89	6.62	5.90	6.93E-03	4.97E-01	5.58E-01	9.47E-01	1.77E-02	4.55E-02
-	-	FBpp0075388	Cobs_05476	0	0.97	0.90	2.06	0.89	3.85E-02	9.61E-01	9.66E-01	9.96E-01	2.25E-02	4.58E-02
<i>Int6</i>	FBgn0025582	FBpp0075104	Cobs_05569	1	6.80	6.94	6.36	6.93	2.18E-02	4.95E-01	4.55E-01	9.61E-01	1.27E-03	4.95E-03
<i>schlank</i>	FBgn0040918	FBpp0070899	Cobs_05570	1	6.48	6.63	7.09	6.05	1.42E-02	6.24E-02	5.53E-01	1.29E-02	3.68E-02	3.36E-04
<i>mib1</i>	FBgn0263601	FBpp0075275	Cobs_05642	0	0.88	0.88	3.25	1.27	1.10E-04	5.32E-01	9.77E-01	5.06E-01	3.47E-05	6.41E-04
<i>CG42399</i>	FBgn0259818	FBpp0291141	Cobs_06081	1	4.29	3.85	4.75	3.50	4.91E-02	2.43E-03	7.50E-02	2.01E-01	3.02E-04	1.05E-04
-	-	FBpp0075388	Cobs_06389	0	1.55	1.99	2.60	1.86	1.52E-03	4.11E-01	1.75E-01	6.55E-01	2.44E-02	1.71E-02
NA	NA	No hits found	Cobs_06694	0	1.60	1.87	3.26	2.04	1.98E-04	3.37E-01	6.40E-01	6.87E-01	2.71E-04	3.16E-03
<i>CG31715</i>	FBgn0051715	FBpp0079586	Cobs_06730	0	1.40	1.78	-0.57	1.15	3.86E-04	5.83E-01	3.48E-01	1.17E-01	1.62E-05	2.92E-03
<i>Caps</i>	FBgn0053653	FBpp0088330	Cobs_06848	1	6.27	6.48	5.78	6.22	1.50E-02	8.36E-01	2.77E-01	1.68E-01	3.59E-04	3.25E-02
<i>CG31612</i>	FBgn0051612	FBpp0290221	Cobs_07027	0	2.28	2.08	3.98	2.23	1.74E-04	9.03E-01	8.12E-01	7.03E-01	4.13E-05	5.53E-04
<i>CG9222</i>	FBgn0031784	FBpp0078832	Cobs_07097	1	1.35	1.92	2.62	1.72	2.68E-04	2.19E-01	8.51E-02	6.81E-01	9.08E-03	9.10E-03
<i>CG8646</i>	FBgn0033763	FBpp0290455	Cobs_07270	0	5.65	5.09	6.42	5.15	1.16E-02	1.06E-01	7.38E-02	8.75E-01	5.84E-05	4.72E-04
-	-	FBpp0074840	Cobs_07536	0	3.76	3.69	4.18	3.78	2.82E-02	9.82E-01	7.63E-01	7.35E-01	6.25E-03	3.87E-02
<i>CG5902</i>	FBgn0039136	FBpp0290388	Cobs_07588	0	4.66	4.74	4.01	4.56	3.25E-03	7.37E-01	6.70E-01	4.01E-01	4.01E-04	1.22E-02
<i>pyx</i>	FBgn0035113	FBpp0072423	Cobs_07686	1	4.39	4.36	3.71	4.16	2.67E-03	2.66E-01	8.80E-01	3.70E-01	1.90E-03	4.90E-02
<i>CG3085</i>	FBgn0034816	FBpp0071873	Cobs_07956	1	2.92	2.96	3.99	2.98	2.06E-04	7.99E-01	9.60E-01	8.41E-01	1.05E-04	8.10E-04
<i>alphaTub84B</i>	FBgn0003884	FBpp0081153	Cobs_08137	0	2.32	2.52	1.47	2.44	3.79E-02	7.52E-01	5.98E-01	8.71E-01	4.99E-03	2.23E-02
-	-	FBpp0076126	Cobs_08142	1	4.67	5.50	4.12	4.61	2.40E-02	8.70E-01	2.87E-04	2.20E-04	9.38E-07	4.68E-02
<i>fln</i>	FBgn0005633	FBpp0074679	Cobs_08145	1	2.13	2.27	3.10	2.16	1.51E-02	9.53E-01	8.10E-01	7.57E-01	1.78E-02	1.81E-02

<i>RpS18</i>	FBgn0010411	FBpp0085586	Cobs_08275	1	9.58	10.17	9.12	9.65	2.09E-02	6.97E-01	1.82E-03	5.88E-03	3.43E-06	9.11E-03
<i>CG5823</i>	FBgn0038515	FBpp0082929	Cobs_08440	0	5.08	5.09	5.98	5.22	3.51E-03	6.75E-01	9.83E-01	6.88E-01	1.75E-03	1.54E-02
<i>CG9068</i>	FBgn0034106	FBpp0086282	Cobs_08477	0	2.55	2.48	4.57	2.84	2.71E-05	3.86E-01	8.12E-01	2.51E-01	4.12E-06	3.36E-04
<i>nopo</i>	FBgn0034314	FBpp0085929	Cobs_08593	0	3.75	4.19	2.84	3.75	3.45E-03	9.70E-01	9.00E-02	8.20E-02	2.50E-05	5.99E-03
<i>CG5235</i>	FBgn0036565	FBpp0075252	Cobs_08751	1	6.14	5.98	5.62	6.00	1.87E-03	3.29E-01	2.77E-01	9.26E-01	1.36E-02	2.43E-02
<i>hdc</i>	FBgn0010113	FBpp0084985	Cobs_08825	0	5.64	5.85	5.00	5.62	2.72E-02	9.59E-01	4.75E-01	4.30E-01	1.86E-03	3.78E-02
<i>hdc</i>	FBgn0010113	FBpp0084984	Cobs_08828	1	5.53	5.61	4.35	5.36	1.57E-03	6.52E-01	8.23E-01	4.63E-01	2.90E-04	7.31E-03
<i>mei-P26</i>	FBgn0026206	FBpp0071238	Cobs_08965	0	2.97	3.31	2.08	2.87	2.77E-02	9.09E-01	3.66E-01	2.98E-01	1.34E-03	4.98E-02
<i>CG31678</i>	FBgn0051678	FBpp0288498	Cobs_09096	1	6.04	5.82	6.42	6.05	3.52E-02	9.73E-01	2.02E-01	1.81E-01	6.46E-04	4.58E-02
<i>CG31145</i>	FBgn0051145	FBpp0083871	Cobs_09276	1	4.30	4.05	5.34	4.78	3.34E-04	5.32E-02	3.61E-01	5.61E-03	1.62E-05	3.87E-02
<i>NA</i>	NA	No hits found	Cobs_09383	0	1.07	0.02	1.91	0.99	2.92E-02	9.62E-01	1.56E-02	1.99E-02	3.74E-05	3.57E-02
<i>CG10737</i>	FBgn0034420	FBpp0288750	Cobs_09407	0	1.83	2.58	0.80	1.91	2.48E-02	8.40E-01	4.76E-02	9.26E-02	9.87E-05	1.91E-02
-	-	FBpp0292168	Cobs_09455	0	3.45	3.46	3.91	3.42	1.64E-02	7.72E-01	9.82E-01	7.86E-01	8.14E-03	1.05E-02
<i>CG8507</i>	FBgn0037756	FBpp0081618	Cobs_09518	1	5.55	5.13	5.93	5.53	4.02E-02	9.52E-01	1.58E-02	1.88E-02	4.57E-05	4.10E-02
<i>en</i>	FBgn0000577	FBpp0087198	Cobs_09569	0	2.65	1.86	1.41	1.93	1.06E-05	8.47E-04	3.52E-04	7.88E-01	4.76E-02	4.32E-02
<i>CG31344</i>	FBgn0051344	FBpp0082590	Cobs_09630	0	2.30	3.32	-0.12	2.71	8.66E-03	6.36E-01	8.31E-02	2.40E-01	1.04E-04	4.13E-03
<i>Trim9</i>	FBgn0051721	FBpp0079685	Cobs_09781	1	1.89	1.89	1.02	1.96	4.17E-02	8.92E-01	8.98E-01	7.73E-01	3.89E-02	3.66E-02
<i>NA</i>	NA	No hits found	Cobs_10064	0	4.09	3.95	4.64	3.68	3.80E-02	1.58E-01	6.27E-01	4.17E-01	5.46E-03	2.43E-03
<i>CG7328</i>	FBgn0036942	FBpp0074633	Cobs_10085	1	2.63	3.31	4.18	2.90	1.88E-03	7.50E-01	2.05E-01	3.90E-01	2.01E-02	6.84E-03
<i>CG2519</i>	FBgn0037336	FBpp0078408	Cobs_10106	1	6.43	6.34	5.98	6.32	7.40E-03	5.05E-01	5.96E-01	9.17E-01	1.62E-02	4.64E-02
<i>His3.3A</i>	FBgn0014857	FBpp0078649	Cobs_10112	0	10.05	9.70	9.15	9.70	4.97E-05	3.87E-02	4.42E-02	9.96E-01	1.70E-03	5.41E-03
<i>CG15760</i>	FBgn0030508	FBpp0073641	Cobs_10289	1	4.57	4.77	3.70	4.38	1.45E-03	4.84E-01	3.39E-01	7.85E-02	4.56E-05	1.21E-02
<i>Spec2</i>	FBgn0044823	FBpp0078388	Cobs_10647	1	4.40	4.13	4.84	4.32	3.66E-02	7.58E-01	2.65E-01	4.74E-01	1.09E-03	2.14E-02
<i>CG5819</i>	FBgn0034717	FBpp0071725	Cobs_10669	0	3.75	3.83	3.16	3.72	5.30E-03	9.26E-01	5.91E-01	5.12E-01	5.56E-04	1.10E-02
<i>CG34150</i>	FBgn0083986	FBpp0290226	Cobs_10695	1	2.63	2.72	3.38	2.72	1.22E-02	8.97E-01	8.75E-01	9.87E-01	1.07E-02	2.51E-02
<i>CG10927</i>	FBgn0034360	FBpp0085884	Cobs_10943	1	4.20	4.01	3.25	4.14	2.32E-02	8.93E-01	7.17E-01	8.43E-01	3.81E-02	4.20E-02
<i>NA</i>	NA	No hits found	Cobs_11124	0	2.13	1.02	3.39	2.40	6.74E-04	4.52E-01	1.38E-02	2.19E-03	2.04E-06	7.90E-03
<i>Cht6</i>	FBgn0263132	FBpp0298361	Cobs_11702	0	1.58	1.03	2.93	0.28	4.51E-02	9.75E-02	4.56E-01	4.32E-01	4.44E-03	2.50E-03
<i>CG15894</i>	FBgn0029864	FBpp0111868	Cobs_11735	1	5.42	5.68	4.98	5.65	3.31E-02	2.44E-01	1.77E-01	8.75E-01	4.97E-04	2.96E-03

<i>Ir8a</i>	FBgn0052704	FBpp0071268	Cobs_11809	1	1.87	1.66	3.12	2.05	2.96E-03	6.41E-01	6.48E-01	3.22E-01	4.29E-04	1.68E-02
NA	NA	No hits found	Cobs_11882	0	3.38	3.66	2.58	3.29	4.92E-03	7.87E-01	2.51E-01	1.37E-01	1.20E-04	1.66E-02
<i>lap</i>	FBgn0086372	FBpp0293685	Cobs_11928	0	4.27	4.43	3.41	4.12	6.22E-04	5.54E-01	4.49E-01	1.47E-01	3.28E-05	4.64E-03
<i>Edem1</i>	FBgn0023511	FBpp0294034	Cobs_12086	0	1.96	1.78	-2.99	1.23	2.87E-05	2.66E-01	8.39E-01	4.06E-01	1.62E-05	6.31E-04
<i>CG9636</i>	FBgn0037556	FBpp0081302	Cobs_12235	1	2.94	3.04	2.24	2.80	2.08E-03	5.78E-01	6.43E-01	2.72E-01	2.35E-04	1.42E-02
-	-	FBpp0080115	Cobs_12781	1	6.43	6.38	6.97	6.47	1.17E-03	8.18E-01	8.01E-01	5.87E-01	2.00E-04	3.17E-03
<i>slp2</i>	FBgn0004567	FBpp0077189	Cobs_12891	1	4.12	4.11	3.36	4.12	5.55E-03	9.33E-01	9.86E-01	9.18E-01	2.92E-03	6.79E-03
<i>mbc</i>	FBgn0015513	FBpp0293271	Cobs_13017	1	6.96	6.95	7.29	6.97	3.22E-02	9.82E-01	9.53E-01	9.32E-01	1.43E-02	3.99E-02
<i>CG9990</i>	FBgn0039594	FBpp0292406	Cobs_13154	0	1.34	0.96	2.64	1.20	4.96E-03	8.72E-01	4.36E-01	5.76E-01	3.53E-04	5.90E-03
<i>rev7</i>	FBgn0037345	FBpp0078348	Cobs_13161	1	5.05	5.38	3.67	4.77	3.03E-04	3.03E-01	3.10E-01	3.36E-02	1.02E-05	5.40E-03
NA	NA	No hits found	Cobs_13539	0	3.72	4.25	3.11	3.90	2.34E-02	4.48E-01	1.94E-02	1.33E-01	3.28E-05	5.05E-03
<i>baz</i>	FBgn0000163	FBpp0074162	Cobs_13815	0	2.88	2.84	1.41	2.57	1.06E-03	3.54E-01	8.73E-01	4.81E-01	6.99E-04	1.39E-02
<i>v(2)k05816</i>	FBgn0042627	FBpp0077342	Cobs_13853	0	1.08	1.16	2.17	0.99	4.17E-02	8.14E-01	9.91E-01	8.15E-01	2.50E-02	2.92E-02
<i>rod</i>	FBgn0003268	FBpp0085156	Cobs_13908	0	3.63	3.73	5.07	3.56	4.25E-04	8.51E-01	8.42E-01	6.73E-01	3.06E-04	5.37E-04
<i>CG11070</i>	FBgn0028467	FBpp0078927	Cobs_14122	1	6.34	6.18	6.86	6.36	2.57E-02	9.65E-01	4.91E-01	4.48E-01	1.84E-03	3.37E-02
<i>dtr</i>	FBgn0023090	FBpp0081044	Cobs_14335	0	1.57	0.85	2.98	1.59	2.51E-03	9.69E-01	1.16E-01	1.30E-01	3.40E-05	3.76E-03
<i>iPLA2-VIA</i>	FBgn0036053	FBpp0076091	Cobs_14337	1	4.30	4.21	5.33	4.31	1.74E-04	8.29E-01	8.14E-01	6.20E-01	2.83E-05	5.43E-04
<i>Top3alpha</i>	FBgn0040268	FBpp0080787	Cobs_14339	1	4.99	4.54	5.55	4.80	5.44E-03	3.29E-01	1.83E-02	1.82E-01	8.14E-06	7.62E-04
<i>CG10869</i>	FBgn0031347	FBpp0077583	Cobs_14392	0	4.53	4.28	2.98	4.17	2.19E-04	2.33E-01	4.41E-01	7.45E-01	6.33E-04	5.48E-03
-	-	FBpp0293081	Cobs_14410	0	5.18	3.84	2.50	4.29	1.34E-06	5.62E-03	3.20E-04	2.66E-01	2.22E-03	5.53E-04
<i>CG7044</i>	FBgn0038854	FBpp0083437	Cobs_14414	1	4.64	4.65	5.86	5.03	3.48E-06	4.91E-02	9.99E-01	5.32E-02	1.05E-06	4.60E-04
<i>dpr8</i>	FBgn0052600	FBpp0073730	Cobs_14545	0	1.65	1.26	2.83	1.47	4.30E-03	8.99E-01	4.45E-01	5.62E-01	3.37E-04	5.99E-03
<i>wapl</i>	FBgn0004655	FBpp0070414	Cobs_14787	1	7.33	7.27	6.97	7.21	1.57E-03	2.26E-01	5.57E-01	6.04E-01	3.09E-03	3.15E-02
<i>disp</i>	FBgn0029088	FBpp0078314	Cobs_14998	0	3.65	3.69	2.79	3.54	1.55E-03	6.44E-01	8.31E-01	4.70E-01	3.22E-04	8.25E-03
<i>CG3704</i>	FBgn0040346	FBpp0070181	Cobs_15106	1	3.51	3.40	2.92	3.61	2.50E-02	8.32E-01	6.98E-01	5.11E-01	4.58E-02	1.79E-02
<i>MTA1-like</i>	FBgn0027951	FBpp0078383	Cobs_15151	1	7.78	7.74	7.14	7.54	1.74E-04	7.11E-02	7.84E-01	1.50E-01	1.02E-04	1.13E-02
<i>CG4098</i>	FBgn0036648	FBpp0075120	Cobs_15461	1	3.93	3.91	4.65	4.21	1.88E-04	8.59E-02	8.59E-01	5.64E-02	3.57E-05	1.31E-02
<i>CG10336</i>	FBgn0032698	FBpp0271702	Cobs_15515	1	5.93	6.00	6.41	6.10	1.94E-03	2.66E-01	6.68E-01	5.57E-01	2.81E-03	3.35E-02
<i>CG12016</i>	FBgn0035436	FBpp0072928	Cobs_15636	1	4.84	5.40	6.03	5.23	1.16E-03	2.47E-01	9.52E-02	6.58E-01	3.50E-02	2.38E-02

NA	NA	No hits found	Cobs_15663	0	1.35	1.04	0.07	1.27	4.26E-03	9.94E-01	4.51E-01	4.65E-01	1.87E-02	7.69E-03
NA	NA	No hits found	Cobs_15687	0	2.83	3.15	3.97	3.15	7.39E-04	2.79E-01	3.31E-01	9.45E-01	4.27E-03	1.54E-02
CG31224	FBgn0051224	FBpp0083106	Cobs_15893	0	1.42	1.18	5.54	1.97	1.07E-06	3.74E-01	8.08E-01	2.46E-01	4.98E-07	8.35E-06
Osi24	FBgn0037409	FBpp0078240	Cobs_16254	1	1.44	0.75	2.80	1.30	6.22E-04	8.20E-01	1.14E-01	2.07E-01	1.01E-05	6.31E-04
Ir75b	FBgn0261402	FBpp0291499	Cobs_16368	0	1.69	1.44	2.84	1.43	1.34E-02	7.62E-01	6.18E-01	8.82E-01	1.82E-03	1.01E-02
CG5800	FBgn0030855	FBpp0074227	Cobs_16620	1	5.08	5.15	5.51	5.12	2.66E-02	8.94E-01	7.73E-01	8.89E-01	3.59E-02	4.68E-02
Oli	FBgn0032651	FBpp0292345	Cobs_16678	1	2.90	2.93	2.20	2.97	3.36E-02	7.07E-01	8.45E-01	8.71E-01	1.13E-02	1.76E-02
CG30053	FBgn0050053	FBpp0086986	Cobs_16700	1	4.48	5.45	3.95	4.74	3.10E-02	2.40E-01	4.58E-05	1.51E-03	4.98E-07	2.81E-03
CG43088	FBgn0262534	FBpp0293413	Cobs_16906	0	1.34	1.55	2.79	1.88	5.79E-04	2.09E-01	6.97E-01	4.52E-01	7.36E-04	1.54E-02
Gr43a	FBgn0041243	FBpp0088086	Cobs_16932	1	2.99	3.25	1.89	2.76	3.94E-03	5.29E-01	4.51E-01	1.41E-01	2.45E-04	2.92E-02
-	-	FBpp0292060	Cobs_16972	0	3.10	3.28	2.53	3.20	3.83E-02	6.04E-01	5.33E-01	9.41E-01	3.81E-03	1.43E-02
Liprin-gamma	FBgn0034720	FBpp0112020	Cobs_17090	1	5.45	5.76	4.71	5.33	5.44E-03	7.09E-01	1.91E-01	7.42E-02	8.05E-05	2.10E-02
RNaseX25	FBgn0010406	FBpp0076469	Cobs_17205	0	3.30	2.75	3.79	3.29	4.95E-02	8.73E-01	2.80E-02	4.69E-02	1.20E-04	4.10E-02
Nckx30C	FBgn0028704	FBpp0079518	Cobs_17255	0	2.10	2.29	1.38	2.17	2.91E-02	8.36E-01	6.32E-01	8.22E-01	4.02E-03	2.24E-02
CG31301	FBgn0051301	FBpp0082543	Cobs_17438	1	4.79	4.54	5.38	4.90	3.14E-03	5.56E-01	2.00E-01	4.89E-02	5.13E-05	2.03E-02
NA	NA	No hits found	Cobs_17502	0	3.37	3.30	4.31	3.49	1.88E-03	7.17E-01	7.79E-01	4.81E-01	3.54E-04	8.47E-03
AGO3	FBgn0250816	FBpp0289160	Cobs_17573	1	5.75	5.42	6.12	5.54	2.32E-02	1.62E-01	2.77E-02	4.54E-01	4.22E-05	1.13E-03
CG4393	FBgn0039075	FBpp0290307	Cobs_17709	0	5.05	5.12	4.60	5.01	1.54E-02	8.63E-01	6.99E-01	5.39E-01	2.35E-03	3.22E-02
Lip4	FBgn0032264	FBpp0293062	Cobs_18114	0	2.15	0.66	3.09	2.19	1.49E-02	8.33E-01	4.39E-03	2.75E-03	1.41E-05	3.97E-02
CG13920	FBgn0025712	FBpp0072644	Cobs_18242	1	2.87	3.03	2.09	3.05	2.51E-02	6.10E-01	5.56E-01	9.54E-01	2.63E-03	9.71E-03
nAChRbeta3	FBgn0031261	FBpp0077724	Cobs_18259	1	6.18	6.11	5.63	6.22	2.88E-02	9.08E-01	8.12E-01	6.97E-01	3.26E-02	2.47E-02

Supplementary Table S4: Expression patterns of sphingolipid metabolic genes

The binary flag Orthology is set to 1, if orthology was confirmed in reciprocal blasts. The columns EM, QU, WM, and WO give the mean expression as assessed by limma. The last six columns give FDR values for pairwise comparisons, also produced with limma.

FB gene symbol	FB gene ID	FB gene name	C.obs ID	Orthol.	EM	QU	WM	WO	EM vs WM	EM vs WO	EM vs QU	QU vs WO	QU vs WM	WO vs WM
<i>bsk</i>	FBgn0000229	basket	Cobs_05382	1	4.31	4.26	4.46	3.98	4.38E-01	7.05E-02	8.15E-01	1.38E-01	2.40E-01	1.85E-02
<i>bwa</i>	FBgn0045064	brain washing	Cobs_11439	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<i>bwa</i>	FBgn0045064	brain washing	Cobs_16616	0	2.05	2.83	1.41	1.95	4.06E-01	9.99E-01	1.54E-01	1.67E-01	1.59E-02	4.62E-01
<i>CDase</i>	FBgn0039774	Ceramidase	Cobs_12432	1	4.35	5.80	4.64	4.93	6.90E-01	2.97E-01	7.43E-03	9.67E-02	1.86E-02	6.52E-01
<i>CDase</i>	FBgn0039774	Ceramidase	Cobs_12439	0	5.00	6.44	4.97	5.38	9.48E-01	4.92E-01	6.49E-03	4.21E-02	3.87E-03	4.92E-01
<i>hep</i>	FBgn0010303	hemipterous	Cobs_07321	1	5.75	5.95	5.53	5.67	1.11E-01	5.72E-01	1.50E-01	3.46E-02	1.75E-03	3.65E-01
<i>ifc</i>	FBgn0001941	infertile crescent	Cobs_16634	1	6.39	7.12	6.93	6.87	1.72E-01	1.92E-01	4.42E-02	5.17E-01	6.08E-01	9.23E-01
<i>lace</i>	FBgn0002524	lace	Cobs_18257	1	7.60	8.06	7.76	6.85	6.87E-01	2.47E-02	1.80E-01	7.74E-04	3.81E-01	1.71E-02
<i>schlank</i>	FBgn0040918	schlank	Cobs_05570	1	6.48	6.63	7.09	6.05	1.42E-02	6.24E-02	5.53E-01	1.29E-02	3.68E-02	3.36E-04
<i>slpr</i>	FBgn0030018	slipper	Cobs_17593	1	7.44	7.56	7.37	7.25	6.75E-01	1.40E-01	3.91E-01	1.62E-02	1.43E-01	4.24E-01
<i>Sply</i>	FBgn0010591	Sphingosine-1-phosphate lyase	Cobs_00908	1	6.54	7.43	7.56	7.73	5.36E-03	6.02E-04	7.64E-03	3.97E-01	7.31E-01	7.11E-01
<i>egh</i>	FBgn0001404	egghead	Cobs_06699	1	4.28	4.09	4.56	4.59	2.53E-01	1.63E-01	5.34E-01	3.81E-02	4.71E-02	9.13E-01
<i>Sk2</i>	FBgn0052484	Sphingosine kinase 2	Cobs_17596	1	5.41	6.77	5.73	4.98	2.56E-01	1.09E-01	6.87E-06	5.59E-07	1.27E-04	1.27E-02

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