

Table S2 Lineage-specific divergence on the *D. melanogaster* and *D. simulans* branches of TE-interacting and immunity genes

gene name	FBgn	<i>mel</i> dN/dS	<i>mel</i> dN	<i>mel</i> dS	<i>sim</i> dN/dS	<i>sim</i> dN	<i>sim</i> dS	functional class
<i>Ago3</i>	FBgn0250816	0.2614	0.0147	0.0563	0.2648	0.0208	0.0785	piRNA gene
<i>armi</i>	FBgn0041164	0.2973	0.0154	0.0518	0.3905	0.0222	0.0569	piRNA gene
<i>aub</i>	FBgn0000146	0.3824	0.0263	0.0687	0.5301	0.0338	0.0637	piRNA gene
<i>krimp</i>	FBgn0034098	0.4705	0.0342	0.0728	0.9641	0.0602	0.0625	piRNA gene
<i>mael</i>	FBgn0016034	0.9024	0.0324	0.0359	0.4907	0.0267	0.0545	piRNA gene
<i>Hen1</i>	FBgn0033686	0.2464	0.0159	0.0644	0.2658	0.0192	0.0721	piRNA gene
<i>piwi</i>	FBgn0004872	0.0807	0.0067	0.0836	0.1935	0.0093	0.0483	piRNA gene
<i>rhi</i>	FBgn0004400	1.4145	0.0764	0.054	0.5077	0.0556	0.1096	piRNA gene
<i>Spn-E</i>	FBgn0003483	0.2186	0.014	0.0642	0.2812	0.0166	0.0591	piRNA gene
<i>squ</i>	FBgn0002652	0.2399	0.0228	0.095	0.3376	0.0496	0.1469	piRNA gene
<i>vas</i>	FBgn0262526	0.2425	0.0453	0.1867	0.306	0.0437	0.143	piRNA gene
<i>zuc</i>	FBgn0261266	0.3585	0.0353	0.0985	0.2068	0.0214	0.1033	piRNA gene
<i>Hrb27C</i>	FBgn0004838	0.176	0.0021	0.0117	0.019	0.001	0.0538	P element gene
<i>Irbp</i>	FBgn0011774	0.1009	0.0088	0.0875	0.1635	0.0154	0.0944	P element gene
<i>Ku80</i>	FBgn0041627	0.1805	0.0125	0.069	0.245	0.0157	0.0642	P element gene
<i>Psi</i>	FBgn0014870	0.0908	0.0052	0.0575	0.0267	0.0011	0.0401	P element gene
<i>AttA</i>	FBgn0012042	0.0851	0.0151	0.178	0.1005	0.013	0.1294	effector
<i>AttB</i>	FBgn0041581	0.0351	0.0024	0.0677	0.0675	0.0062	0.0915	effector
<i>AttC</i>	FBgn0000276	0.0544	0.0085	0.1555	0.1263	0.0062	0.0489	effector
<i>AttD</i>	FBgn0038530	0.0948	0.0081	0.0851	0.3633	0.0158	0.0435	effector
<i>Catsup</i>	FBgn0002022	0.1012	0.009	0.0886	0.2507	0.0166	0.0662	effector
<i>CecA1</i>	FBgn0000276	0.0001	0	0.0648	NA	NA	NA	effector
<i>CecA2</i>	FBgn0000277	NA	NA	NA	NA	NA	NA	effector
<i>CecB</i>	FBgn0000278	0.0001	0	0.1231	0.3626	0.0069	0.0191	effector
<i>CecC</i>	FBgn0000279	0.0001	0	0.1431	NA	NA	NA	effector
<i>CG11159</i>	FBgn0034539	0.0001	0	0.0766	NA	NA	NA	effector
<i>CG14823</i>	FBgn0035734	0.1411	0.0102	0.072	0.188	0.0033	0.0176	effector
<i>CG15293</i>	FBgn0028526	0.4002	0.0353	0.0882	0.5249	0.0262	0.0499	effector
<i>CG15825</i>	FBgn0032773	0.1421	0.0152	0.1068	0.228	0.0072	0.0315	effector
<i>CG16756</i>	FBgn0029765	0.0854	0.0084	0.0985	0.1899	0.0173	0.0911	effector
<i>CG16799</i>	FBgn0034538	0.0678	0.0074	0.1092	0.1242	0.0047	0.0379	effector
<i>CG18107</i>	FBgn0034330	0.5364	0.0443	0.0825	0.0001	0	0.0543	effector
<i>CG33470</i>	FBgn0053470	NA	NA	NA	NA	NA	NA	effector
<i>CG6421</i>	FBgn0025827	0.1022	0.0101	0.0985	0.1508	0.0079	0.0523	effector
<i>CG6426</i>	FBgn0034162	0.062	0.0037	0.06	0.377	0.1255	0.3328	effector

<i>CG6429</i>	FBgn0046999	0.1226	0.0122	0.0999	0.0681	0.0099	0.1458	effector
<i>CG6435</i>	FBgn0034165	0.0001	0	0.0785	0.0581	0.0027	0.0469	effector
<i>CG7798</i>	FBgn0034092	0.0189	0.0029	0.1545	0.0001	0	0.0682	effector
<i>CG8193</i>	FBgn0033367	0.0235	0.0024	0.1001	0.0734	0.0089	0.1215	effector
<i>CG8492</i>	FBgn0035813	0.127	0.007	0.0552	0.1144	0.0069	0.0601	effector
<i>Ddc</i>	FBgn0000422	0.0184	0.0017	0.0904	0.0001	0	0.0413	effector
<i>Def</i>	FBgn0010385	0.1745	0.0151	0.0865	0.0001	0	0.0265	effector
<i>Dpt</i>	FBgn0004240	0.1002	0.011	0.1096	NA	NA	NA	effector
<i>DptB</i>	FBgn0034407	0.0811	0.0079	0.097	0.2091	0.0078	0.0373	effector
<i>Dro</i>	FBgn0010388	0.2487	0.0149	0.0601	0.3377	0.0144	0.0426	effector
<i>Dro-2</i>	FBgn0052279	0.0001	0	0.0665	0.1467	0.0124	0.0846	effector
<i>Dro-3</i>	FBgn0052283	NA	NA	NA	NA	NA	NA	effector
<i>Dro-4</i>	FBgn0052282	NA	NA	NA	0.0001	0	0.0186	effector
<i>Dro-5</i>	FBgn0035434	NA	NA	NA	0.0001	0	0.0263	effector
<i>Dro6</i>	FBgn0052268	0.2098	0.0123	0.0585	0.0676	0.006	0.0892	effector
<i>Drs</i>	FBgn0010381	NA	NA	NA	NA	NA	NA	effector
<i>Drs-l</i>	FBgn0052274	1.0897	0.0367	0.0337	0.0001	0	0.0615	effector
<i>Duox</i>	FBgn0031464	0.0028	0.0003	0.0986	0.0147	0.0011	0.0749	effector
<i>Hml</i>	FBgn0029167	0.0503	0.0046	0.0906	0.1561	0.0118	0.0757	effector
<i>IM1</i>	FBgn0034329	0.08	0.0108	0.1349	0.0001	0	0.041	effector
<i>IM10</i>	FBgn0033835	0.1533	0.0105	0.0686	0.2858	0.0222	0.0776	effector
<i>IM2</i>	FBgn0025583	0.0001	0	0.0917	0.2206	0.0109	0.0495	effector
<i>IM23</i>	FBgn0034328	NA	NA	NA	NA	NA	NA	effector
<i>IM3</i>	FBgn0040736	0.1634	0.0117	0.0717	0.0001	0	0.0339	effector
<i>IM4</i>	FBgn0040653	0.0001	0	0.0729	NA	NA	NA	effector
<i>Irc</i>	FBgn0038465	0.0771	0.0061	0.0796	0.0988	0.0069	0.0696	effector
<i>Jafrac1</i>	FBgn0040309	0.0001	0	0.1406	0.0001	0	0.0583	effector
<i>Jafrac2</i>	FBgn0040308	0.0001	0	0.0951	0.0001	0	0.0606	effector
<i>LysB</i>	FBgn0004425	NA	NA	NA	NA	NA	NA	effector
<i>LysC</i>	FBgn0004426	NA	NA	NA	NA	NA	NA	effector
<i>LysD</i>	FBgn0004427	NA	NA	NA	NA	NA	NA	effector
<i>LysE</i>	FBgn0004428	NA	NA	NA	NA	NA	NA	effector
<i>LysP</i>	FBgn0004429	NA	NA	NA	NA	NA	NA	effector
<i>LysS</i>	FBgn0004430	NA	NA	NA	NA	NA	NA	effector
<i>LysX</i>	FBgn0004431	0.273	0.0168	0.0614	0.1854	0.0122	0.066	effector
<i>Mtk</i>	FBgn0014865	0.0001	0	0.0246	0.178	0.0089	0.05	effector
<i>ple</i>	FBgn0005626	0.0357	0.0021	0.0598	0.0225	0.0007	0.0312	effector
<i>Pu</i>	FBgn0003162	0.097	0.004	0.0414	0.0001	0	0.0376	effector
<i>Tig</i>	FBgn0011722	0.0331	0.0043	0.1301	0.0573	0.0047	0.0822	effector

<i>TotA</i>	FBgn0028396	0.7779	0.0348	0.0447	0.6271	0.0222	0.0354	effector
<i>TotB</i>	FBgn0038838	0.435	0.0225	0.0517	0.5846	0.0278	0.0475	effector
<i>TotC</i>	FBgn0044812	NA	NA	NA	NA	NA	NA	effector
<i>TotE</i>	FBgn0053117	0.2167	0.0246	0.1137	0.1744	0.0087	0.0502	effector
<i>TotF</i>	FBgn0044811	NA	NA	NA	NA	NA	NA	effector
<i>TotM</i>	FBgn0031701	0.3909	0.0449	0.1148	0.2715	0.0193	0.0713	effector
<i>TotX</i>	FBgn0044810	0.3709	0.0247	0.0667	0.8708	0.0245	0.0282	effector
<i>TotZ</i>	FBgn0044809	0.0932	0.0033	0.0356	0.0001	0	0.0377	effector
<i>Tsf1</i>	FBgn0022355	0.0331	0.003	0.0915	0.0936	0.0113	0.1207	effector
<i>Tsf2</i>	FBgn0036299	0.0267	0.0021	0.0791	0.0272	0.002	0.0749	effector
<i>Tsf3</i>	FBgn0034094	0.0313	0.0029	0.0938	0.1219	0.007	0.0571	effector
<i>yellow-f</i>	FBgn0041710	0.1742	0.0137	0.0786	0.12	0.0141	0.1174	effector
<i>yellow-f2</i>	FBgn0038105	0.0778	0.0071	0.0907	0.1282	0.0078	0.061	effector
<i>CG12780</i>	FBgn0033301	0.1617	0.0159	0.0983	0.5244	0.0169	0.0323	recognition
<i>CG13079</i>	FBgn0032808	0.7221	0.0516	0.0715	0.4602	0.0294	0.0639	recognition
<i>CG13422</i>	FBgn0034511	0.1101	0.0176	0.1599	0.1177	0.0054	0.0456	recognition
<i>CG30148</i>	FBgn0050148	0.1991	0.0225	0.1131	0.463	0.0297	0.0642	recognition
<i>CG31217</i>	FBgn0051217	0.8493	0.0087	0.0103	0.1307	0.0068	0.0523	recognition
<i>CG3212</i>	FBgn0031547	0.459	0.0292	0.0636	0.463	0.0212	0.0458	recognition
<i>CG6124</i>	FBgn0243514	0.6973	0.048	0.0688	1.0046	0.0277	0.0276	recognition
<i>Corin</i>	FBgn0033192	0.0462	0.0035	0.0755	0.0799	0.0061	0.076	recognition
<i>crq</i>	FBgn0015924	0.1571	0.0088	0.0563	0.0875	0.0071	0.0812	recognition
<i>emp</i>	FBgn0010435	0.0001	0	0.0659	0.076	0.0032	0.0416	recognition
<i>GNBP1</i>	FBgn0040323	0.1069	0.0076	0.0706	0.0308	0.0018	0.0598	recognition
<i>GNBP2</i>	FBgn0040322	0.0698	0.0076	0.1086	0.1458	0.0057	0.039	recognition
<i>GNBP3</i>	FBgn0040321	0.0933	0.0064	0.0683	0.1986	0.0071	0.0356	recognition
<i>He</i>	FBgn0028430	1.0548	0.0873	0.0827	0.4288	0.0561	0.1307	recognition
<i>Mcr</i>	FBgn0020240	0.0186	0.0015	0.0826	0.0325	0.0015	0.0476	recognition
<i>NimA</i>	FBgn0261514	0.0459	0.0053	0.1156	0.0891	0.0064	0.072	recognition
<i>NimB1</i>	FBgn0027929	0.1212	0.0147	0.1209	0.2102	0.0112	0.0533	recognition
<i>NimB2</i>	FBgn0028543	0.0589	0.0051	0.0868	0.0232	0.002	0.084	recognition
<i>NimB3</i>	FBgn0054003	0.0799	0.0053	0.0663	0.3395	0.0163	0.048	recognition
<i>NimB4</i>	FBgn0028542	0.1125	0.0123	0.1092	0.1379	0.0168	0.1217	recognition
<i>NimB5</i>	FBgn0028936	0.1293	0.0068	0.0528	0.1955	0.0104	0.053	recognition
<i>NimC1</i>	FBgn0259896	0.5789	0.0335	0.0579	0.6331	0.0346	0.0547	recognition
<i>NimC2</i>	FBgn0028939	0.0964	0.0072	0.0746	0.1102	0.0052	0.0469	recognition
<i>NimC3</i>	FBgn0001967	0.1099	0.0098	0.0888	0.0001	0	0.0836	recognition
<i>NimC4</i>	FBgn0260011	0.0666	0.0081	0.1224	0.0627	0.0046	0.0732	recognition
<i>pes</i>	FBgn0031969	0.16	0.0085	0.0531	0.1808	0.0352	0.1947	recognition

<i>PGRP-LA</i>	FBgn0035975	0.1364	0.0113	0.0825	0.1091	0.0085	0.0778	recognition
<i>PGRP-LB</i>	FBgn0037906	0.1298	0.0073	0.056	0.051	0.0037	0.0731	recognition
<i>PGRP-LC</i>	FBgn0035976	0.1748	0.0122	0.07	0.1985	0.0119	0.0598	recognition
<i>PGRP-LD</i>	FBgn0260458	0.2447	0.01	0.0408	0.2587	0.0204	0.0787	recognition
<i>PGRP-LE</i>	FBgn0030695	0.0769	0.0052	0.0676	0.029	0.0025	0.0858	recognition
<i>PGRP-LF</i>	FBgn0035977	0.2456	0.0237	0.0966	0.2295	0.0157	0.0686	recognition
<i>PGRP-SA</i>	FBgn0030310	0.113	0.0106	0.0939	0.1491	0.0051	0.034	recognition
<i>PGRP-SB1</i>	FBgn0043578	0.03	0.0037	0.1248	0.274	0.0109	0.0397	recognition
<i>PGRP-SB2</i>	FBgn0043577	0.1484	0.0156	0.1051	0.0573	0.0022	0.0381	recognition
<i>PGRP-SC1a</i>	FBgn0043576	NA	NA	NA	NA	NA	NA	recognition
<i>PGRP-SC1b</i>	FBgn0033327	0.0001	0	0.1259	0.0314	0.002	0.0639	recognition
<i>PGRP-SC2</i>	FBgn0043575	0.0114	0.0022	0.1892	0.1564	0.0043	0.0277	recognition
<i>PGRP-SD</i>	FBgn0035806	0.1054	0.0076	0.072	0.3752	0.0073	0.0193	recognition
<i>Sr-CI</i>	FBgn0014033	0.3234	0.0428	0.1325	0.3326	0.0333	0.1003	recognition
<i>Sr-CII</i>	FBgn0020377	0.2926	0.0165	0.0562	0.1487	0.0087	0.0587	recognition
<i>Sr-CIII</i>	FBgn0020376	0.9783	0.0355	0.0363	0.3033	0.0136	0.0448	recognition
<i>TepI</i>	FBgn0041183	0.6271	0.0459	0.0732	0.7154	0.0324	0.0453	recognition
<i>TepII</i>	FBgn0041182	0.2017	0.0182	0.0902	0.2245	0.0169	0.0752	recognition
<i>TepIII</i>	FBgn0041181	0.0966	0.0053	0.0547	0.1046	0.0053	0.0507	recognition
<i>TepIV</i>	FBgn0041180	0.1581	0.0109	0.0692	0.2125	0.0081	0.0381	recognition
<i>18w</i>	FBgn0004364	0.0054	0.0004	0.0685	0.0241	0.0013	0.0521	signaling
<i>Alk</i>	FBgn0040505	0.0155	0.0013	0.0819	0.0148	0.0009	0.0599	signaling
<i>aop</i>	FBgn0000097	0.0332	0.0013	0.0383	0.1779	0.0045	0.0254	signaling
<i>Atf-2</i>	FBgn0050420	0.1091	0.0077	0.0703	0.1023	0.006	0.0588	signaling
<i>ben</i>	FBgn0000173	0.0001	0	0.0651	0.0001	0	0.0595	signaling
<i>BG4</i>	FBgn0038928	0.4744	0.0418	0.0881	0.7441	0.0358	0.0481	signaling
<i>brm</i>	FBgn0000212	0.007	0.0003	0.045	0.0204	0.0009	0.046	signaling
<i>bsk</i>	FBgn0000229	0.0001	0	0.033	0.0001	0	0.0187	signaling
<i>cact</i>	FBgn0000250	0.0418	0.0009	0.021	0.1454	0.0073	0.0502	signaling
<i>caspar</i>	FBgn0034068	0.0731	0.0057	0.0776	0.093	0.005	0.0539	signaling
<i>CG11023</i>	FBgn0031208	NA	NA	NA	NA	NA	NA	signaling
<i>CG11501</i>	FBgn0039666	0.2003	0.0253	0.1262	0.218	0.0431	0.1978	signaling
<i>CG14225</i>	FBgn0031055	NA	NA	NA	NA	NA	NA	signaling
<i>CG16705</i>	FBgn0039102	0.073	0.0087	0.1193	0.0924	0.0076	0.0826	signaling
<i>CG2056</i>	FBgn0030051	0.2411	0.0356	0.1477	NA	NA	NA	signaling
<i>CG32382</i>	FBgn0052382	0.2103	0.0224	0.1065	0.2277	0.0184	0.0808	signaling
<i>CG32383</i>	FBgn0052383	NA	NA	NA	NA	NA	NA	signaling
<i>CG5896</i>	FBgn0039494	0.0084	0.0014	0.1686	0.023	0.0014	0.0616	signaling
<i>CG6361</i>	FBgn0030925	0.2733	0.0246	0.0898	0.1544	0.0168	0.109	signaling

<i>CG9675</i>	FBgn0030774	0.2781	0.0205	0.0736	0.0827	0.0089	0.1077	signaling
<i>cher</i>	FBgn0014141	0.0029	0.0002	0.0636	0.0076	0.0004	0.0479	signaling
<i>Dif</i>	FBgn0011274	0.0742	0.0038	0.0517	0.3065	0.0195	0.0636	signaling
<i>dl</i>	FBgn0260632	0.0937	0.0055	0.0587	0.1534	0.0085	0.0553	signaling
<i>Dnr1</i>	FBgn0260866	0.0519	0.0051	0.0984	0.2411	0.0211	0.0877	signaling
<i>dom</i>	FBgn0020306	0.1153	0.0066	0.057	0.0918	0.0042	0.0458	signaling
<i>dome</i>	FBgn0043903	NA	NA	NA	NA	NA	NA	signaling
<i>dpp</i>	FBgn0000490	0.0244	0.0015	0.0628	0.1406	0.0041	0.0292	signaling
<i>Dredd</i>	FBgn0020381	0.2487	0.0217	0.0874	0.3217	0.018	0.0558	signaling
<i>Dsor1</i>	FBgn0010269	NA	NA	NA	NA	NA	NA	signaling
<i>ea</i>	FBgn0000533	0.0164	0.0011	0.065	0.0417	0.0032	0.0778	signaling
<i>ECSIT</i>	FBgn0028436	0.0694	0.0076	0.1099	0.0223	0.0021	0.0939	signaling
<i>edl</i>	FBgn0023214	0.1611	0.0158	0.0981	0.2673	0.013	0.0487	signaling
<i>Egfr</i>	FBgn0003731	0.0085	0.0009	0.1042	0.0723	0.005	0.0688	signaling
<i>emb</i>	FBgn0020497	0.0245	0.0008	0.0345	0.0001	0	0.0379	signaling
<i>gcm</i>	FBgn0014179	0.0567	0.0073	0.1279	0.1785	0.0072	0.0402	signaling
<i>gcm2</i>	FBgn0019809	0.0499	0.0035	0.0693	0.1858	0.019	0.1023	signaling
<i>Hel89B</i>	FBgn0022787	0.0745	0.0056	0.0748	0.0701	0.0032	0.0462	signaling
<i>hep</i>	FBgn0010303	0.1243	0.0069	0.0554	0.1565	0.0037	0.0234	signaling
<i>hop</i>	FBgn0004864	0.0244	0.0032	0.1333	0.1104	0.0043	0.0392	signaling
<i>lap2</i>	FBgn0015247	0.0293	0.0013	0.0432	0.3387	0.0069	0.0205	signaling
<i>imd</i>	FBgn0013983	0.1094	0.0062	0.0566	0.0926	0.0031	0.0333	signaling
<i>ird5</i>	FBgn0024222	0.6424	0.0414	0.0644	0.5904	0.0264	0.0447	signaling
<i>Jra</i>	FBgn0001291	0.283	0.0128	0.0451	0.0218	0.0015	0.0712	signaling
<i>kay</i>	FBgn0001297	0.1724	0.0186	0.108	0.4523	0.0238	0.0527	signaling
<i>key</i>	FBgn0041205	0.6915	0.0358	0.0518	0.2065	0.0168	0.0815	signaling
<i>kn</i>	FBgn0001319	0.0001	0	0.0566	0.2697	0.0041	0.0153	signaling
<i>lwr</i>	FBgn0010602	0.0001	0	0.1845	0.0001	0	0.043	signaling
<i>lz</i>	FBgn0002576	0.0993	0.0054	0.0541	0.4277	0.0183	0.0427	signaling
<i>mask</i>	FBgn0043884	0.1113	0.0061	0.0544	0.1502	0.0064	0.0424	signaling
<i>mbo</i>	FBgn0026207	0.1619	0.0106	0.0656	0.3973	0.0218	0.055	signaling
<i>Mekk1</i>	FBgn0024329	0.1261	0.0068	0.0542	0.0374	0.0023	0.0618	signaling
<i>Mkk4</i>	FBgn0024326	0.0279	0.0021	0.0743	0.0001	0	0.0337	signaling
<i>MP1</i>	FBgn0027930	0.2143	0.0126	0.0589	0.3672	0.0184	0.0502	signaling
<i>MP2</i>	FBgn0037515	0.1428	0.0096	0.0671	0.2001	0.0105	0.0523	signaling
<i>Mpk2</i>	FBgn0015765	0.0508	0.0037	0.0722	0.0249	0.0012	0.0474	signaling
<i>msn</i>	FBgn0010909	0.02	0.0011	0.055	0.2116	0.0081	0.0381	signaling
<i>MstProx</i>	FBgn0015770	0.0001	0	0.0903	0.2794	0.0267	0.0954	signaling
<i>mxc</i>	FBgn0261524	0.0001	0	0.089	0.0001	0	0.0403	signaling

<i>Myd88</i>	FBgn0033402	0.0001	0	0.0579	0.0077	0.0008	0.1001	signaling
<i>N</i>	FBgn0004647	0.0348	0.0068	0.1949	0.0171	0.0016	0.0937	signaling
<i>nec</i>	FBgn0002930	0.1617	0.0161	0.0998	0.2151	0.0195	0.0907	signaling
<i>Nos</i>	FBgn0011676	0.0623	0.0042	0.0671	0.2299	0.018	0.0784	signaling
<i>Ntf-2</i>	FBgn0031145	0.0001	0	0.0304	0.0216	0.0033	0.1547	signaling
<i>Ntf-2r</i>	FBgn0032680	NA	NA	NA	NA	NA	NA	signaling
<i>Nup214</i>	FBgn0010660	0.2926	0.0159	0.0544	0.4797	0.0251	0.0522	signaling
<i>os</i>	FBgn0004956	0.0067	0.0007	0.1049	0.1633	0.0123	0.0756	signaling
<i>p38b</i>	FBgn0024846	0.0122	0.0012	0.0961	0.0001	0	0.0367	signaling
<i>phl</i>	FBgn0003079	0.042	0.0024	0.0567	0.0001	0	0.0313	signaling
<i>pll</i>	FBgn0010441	0.0083	0.001	0.1269	0.0693	0.0068	0.0977	signaling
<i>pnt</i>	FBgn0003118	0.0849	0.0071	0.0837	0.1334	0.0078	0.0583	signaling
<i>POSH</i>	FBgn0040294	0.0917	0.0039	0.0424	0.24	0.0081	0.0338	signaling
<i>psh</i>	FBgn0030926	0.0382	0.0058	0.1513	0.5135	0.0378	0.0736	signaling
<i>puc</i>	FBgn0243512	0.1645	0.0081	0.0494	0.2738	0.006	0.0218	signaling
<i>Pvf1</i>	FBgn0030964	0.017	0.0018	0.1039	0.0001	0	0.1067	signaling
<i>Pvf2</i>	FBgn0031888	0.1487	0.0141	0.0948	0.2669	0.0075	0.0281	signaling
<i>Pvf3</i>	FBgn0085407	0.0373	0.0056	0.15	0.0821	0.0022	0.0269	signaling
<i>Pvr</i>	FBgn0032006	0.0556	0.0051	0.0918	0.1103	0.0056	0.0505	signaling
<i>Rac1</i>	FBgn0010333	0.0001	0	0.054	0.0001	0	0.0509	signaling
<i>Rac2</i>	FBgn0014011	0.0001	0	0.0571	0.0001	0	0.0675	signaling
<i>Ras85D</i>	FBgn0003205	0.0001	0	0.0539	0.0001	0	0.0167	signaling
<i>ref(2)P</i>	FBgn0003231	0.5284	0.0209	0.0395	0.2144	0.0102	0.0475	signaling
<i>Rel</i>	FBgn0014018	0.4843	0.0287	0.0592	0.4329	0.0254	0.0586	signaling
<i>RpS6</i>	FBgn0261592	0.0232	0.0017	0.0729	0.0001	0	0.0418	signaling
<i>SAE1</i>	FBgn0029512	0.053	0.0054	0.102	0.0727	0.0052	0.0715	signaling
<i>SAE2</i>	FBgn0029113	0.1187	0.0053	0.0445	0.0989	0.0061	0.0618	signaling
<i>Ser</i>	FBgn0004197	0.1331	0.0046	0.0347	0.0692	0.0027	0.0386	signaling
<i>slbo</i>	FBgn0005638	0.0187	0.0038	0.2049	0.118	0.0115	0.097	signaling
<i>slpr</i>	FBgn0030018	0.0626	0.0055	0.0883	0.4856	0.0138	0.0284	signaling
<i>smt3</i>	FBgn0026170	0.0001	0	0.0561	0.0001	0	0.1209	signaling
<i>Socs36E</i>	FBgn0041184	0.1194	0.0084	0.0707	0.1435	0.0058	0.0405	signaling
<i>Spn27A</i>	FBgn0028990	0.0001	0	0.1094	0.1119	0.0056	0.0501	signaling
<i>spz</i>	FBgn0003495	0.199	0.0165	0.0827	0.2719	0.016	0.0589	signaling
<i>srp</i>	FBgn0003507	0.4695	0.0293	0.0624	0.3705	0.0194	0.0522	signaling
<i>Stam</i>	FBgn0027363	0.0571	0.0052	0.0905	0.2015	0.0122	0.0603	signaling
<i>Stat92E</i>	FBgn0016917	0.0263	0.0011	0.0433	0.1109	0.0057	0.0518	signaling
<i>Su(H)</i>	FBgn0004837	0.0001	0	0.0549	0.1309	0.0083	0.0634	signaling
<i>Su(var)2-10</i>	FBgn0003612	0.0804	0.0036	0.0449	0.0591	0.0008	0.0137	signaling

<i>Tab2</i>	FBgn0086358	0.1113	0.0076	0.0683	0.1541	0.005	0.0328	signaling
<i>Tak1</i>	FBgn0026323	0.1479	0.0082	0.0551	0.203	0.0066	0.0323	signaling
<i>tamo</i>	FBgn0041582	0.0761	0.0099	0.13	0.3117	0.0143	0.0457	signaling
<i>Tehao</i>	FBgn0026760	0.0413	0.0055	0.1321	0.1396	0.0081	0.0582	signaling
<i>Thor</i>	FBgn0261560	0.0437	0.0037	0.084	0.0001	0	0.0519	signaling
<i>Tl</i>	FBgn0262473	0.096	0.009	0.0935	0.0452	0.0037	0.0808	signaling
<i>Toll-4</i>	FBgn0032095	0.395	0.0219	0.0556	0.526	0.0236	0.0448	signaling
<i>Toll-6</i>	FBgn0036494	0.0191	0.0015	0.0773	0.0531	0.0021	0.0387	signaling
<i>Toll-7</i>	FBgn0034476	0.0118	0.0006	0.0538	0.0325	0.0013	0.0389	signaling
<i>Toll-9</i>	FBgn0036978	0.1592	0.0114	0.0717	0.1282	0.0083	0.0644	signaling
<i>Tollo</i>	FBgn0029114	0.0299	0.0017	0.0576	0.0468	0.0023	0.0501	signaling
<i>Traf1</i>	FBgn0026319	0.0001	0	0.1	0.0201	0.0009	0.0439	signaling
<i>Traf2</i>	FBgn0026318	0.0001	0	0.0548	0.0854	0.0068	0.079	signaling
<i>Traf3</i>	FBgn0030748	0.0523	0.0056	0.1075	0.0109	0.0009	0.0793	signaling
<i>tub</i>	FBgn0003882	0.2028	0.0084	0.0413	0.1457	0.0066	0.0451	signaling
<i>Uev1A</i>	FBgn0035601	0.0001	0	0.0239	NA	NA	NA	signaling
<i>Ulp1</i>	FBgn0027603	0.7093	0.0586	0.0827	0.9442	0.0671	0.0711	signaling
<i>upd2</i>	FBgn0030904	0.0333	0.0055	0.1655	0.2773	0.0032	0.0114	signaling
<i>upd3</i>	FBgn0053542	NA	NA	NA	NA	NA	NA	signaling
<i>ush</i>	FBgn0003963	0.1476	0.007	0.0473	0.5598	0.027	0.0482	signaling
<i>WntD</i>	FBgn0038134	0.0429	0.0029	0.0679	0.1115	0.0044	0.0392	signaling
<i>ytr</i>	FBgn0021895	0.2964	0.0024	0.0082	0.0001	0	0.0196	signaling
