

Functional genomics reveals new genes involved in protein secretion and Golgi organization

Frederic Bard, Laetitia Casano, Arrate Mallabiabarrena, Erin Wallace, Kota Saito, Hitoshi Kitayama, Gianni Guizzunti, Yu Hu, Ramanuj DasGupta, Norbert Perrimon and Vivek Malhotra

Supplementary material legends : Figure S1, Tables S1 to S3.

Figure S1: Golgi fragmentation and block in HRP secretion are not due to an arrest in mitosis

MannII-GFP(green) expressing cells were treated with dsRNAs then fixed and labeled against phosphohistone H3 (white), microtubules (red) and DNA (blue). A. Example of control S2 cell in mitosis with a strong labeling for phosphohistone H3. B. Example of S2 cell with a typical swollen phenotype (Class C) corresponding to kinesin Klp61F dsRNA treatment, no phosphohistone H3 can be detected in these cells.

Table S1: 1133 dsRNAs inducing a significant inhibition of HRP secretion

The first column (DRSC dsRNA) is the dsRNA reference number at the DRSC (<http://flyrnai.org>). The second column is the usual gene name and the third is the Flybase reference number (<http://flybase.bio.indiana.edu>). The two next columns are the z-scores obtained for the two sets of plates. The last column indicates whether the dsRNA was selected for further analysis (Selected) or rejected because of its previously published effect on cell survival (Survival), transcription (Transcription), protein synthesis (Translation), RNA splicing (Splicing), basic metabolism (Metabolism) or because it did not duplicate (Single hit).

Table S2: 154 dsRNAs tested in secondary screens and reasons for their removal

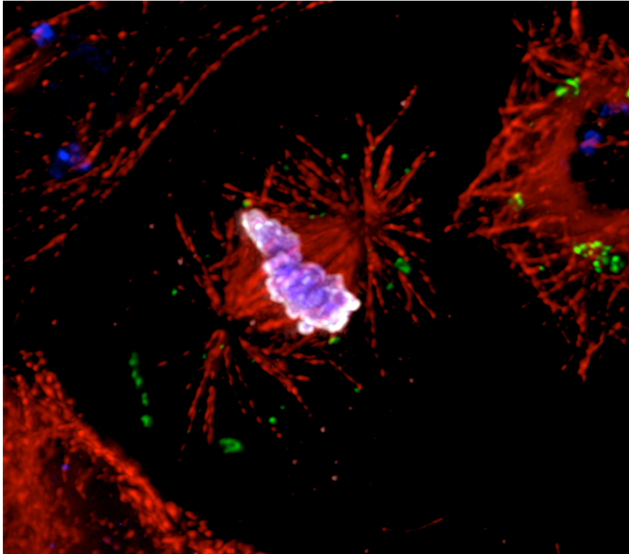
The dsRNAs were classified after their reason for removal (last column). The three first columns are similar to Table S1, the fourth corresponds to the average inhibition of HRP secretion in secondary screens compared with an average of 6 control wells treated with GFP dsRNA (96 wells format). HDC classification refers to genes of the Heidelberg collection (<http://flyrnai.org>). The genes are classified into 4 groups (A-D) in the fifth column. Class A, Golgi membranes relocated into the ER; Class B, fragmented Golgi membranes; Class C, aggregated and bloated Golgi membranes and Class D, indistinguishable from the wild type Golgi membranes. Finally in the sixth column are the reasons why we excluded these dsRNAs and genes from further analysis. 'Duplicate dsRNAs' correspond to genes already listed in Table S3 with a different dsRNA.

Table S3: 130 genes involved in secretion and Golgi membrane organization

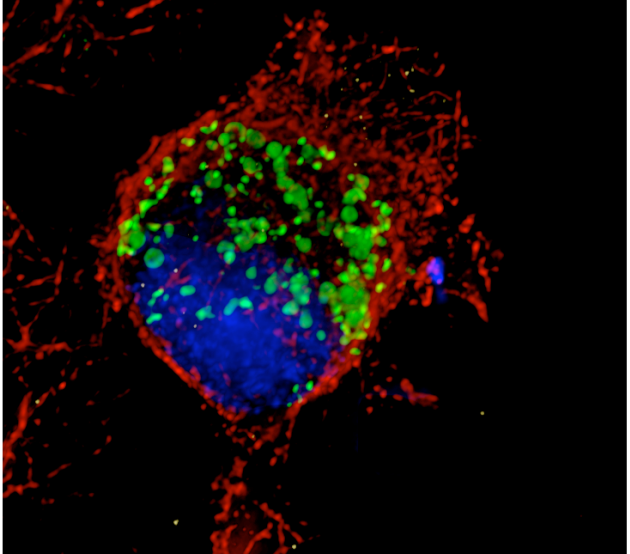
Drosophila genes involved in HRP secretion were classified based on their effect on Golgi organization. Genes previously reported to play a role in secretion are highlighted in blue. The five first columns are similar to Table S2. The putative domains found in the gene sequence and the candidate human orthologs are shown in the last two columns (NF: not found. ENSG refers to a gene reference at www.ensembl.org). * denotes a dsRNA containing a 21 bp sequence overlap with other genes (see <http://flyrnai.org> for more info).

Figure S1

A



B



DRSC08253	CG12099	FBgn0035232	0.59	-3.19	Selected
DRSC06154	CG12444	FBgn0033651	-2.37	-1.84	Selected
DRSC17835	CG12462	FBgn0029675	0.30	-2.18	Selected
DRSC17609	CG12650	FBgn0040932	-2.29	-1.89	Selected
DRSC17856	CG12650	FBgn0040932	-1.31	-2.55	Selected
DRSC14535	CG12710	FBgn0040630	0.42	-1.59	Selected
DRSC14552	CG12814	FBgn0037796	0.22	-7.03	Selected
DRSC06212	CG12897	FBgn0033517	-2.07	-3.25	Selected
DRSC06219	CG12904	FBgn0033510	-1.67	-2.36	Selected
DRSC06227	CG12912	FBgn0033497	-3.04	-3.84	Selected
DRSC06279	CG13154	FBgn0033736	-2.57	-0.44	Selected
DRSC06292	CG13165	FBgn0033707	-2.35	-2.38	Selected
DRSC06343	CG13222	FBgn0033602	-2.88	-3.17	Selected
DRSC06388	CG13426	FBgn0034510	0.40	-10.82	Selected
DRSC04191	CG13550	FBgn0034853	-4.64	-2.63	Selected
DRSC14600	CG13559	FBgn0039753	-0.37	-1.62	Selected
DRSC14627	CG13625	FBgn0039210	-1.42	-1.53	Selected
DRSC10034	CG13675	FBgn0035845	-2.35	-8.95	Selected
DRSC08325	CG13716	FBgn0035563	-2.08	-1.33	Selected
DRSC08326	CG13717	FBgn0035562	-0.68	-2.79	Selected
DRSC02282	CG13779	FBgn0040954	-1.79	0.10	Selected
DRSC08364	CG13894	FBgn0035157	-1.81	-0.70	Selected
DRSC02342	CG14010	FBgn0031725	0.08	-7.69	Selected
DRSC10088	CG14084	FBgn0036855	-4.94	-5.30	Selected
DRSC10180	CG14181	FBgn0035965	-2.12	-0.88	Selected
DRSC19570	CG14214	FBgn0031049	-1.65	-3.56	Selected
DRSC19585	CG14229	FBgn0031059	-2.72	-1.82	Selected
DRSC14742	CG14247	FBgn0039454	-1.75	-2.07	Selected
DRSC14759	CG14264	FBgn0039512	-1.21	-1.69	Selected
DRSC12653	CG14463	FBgn0037535	-1.82	-2.00	Selected
DRSC06465	CG14494	FBgn0040740	-2.65	-2.60	Selected
DRSC06466	CG14495	FBgn0034293	-0.22	-4.10	Selected
DRSC06467	CG14496	FBgn0034297	-1.00	-1.54	Selected
DRSC06474	CG14503	FBgn0040737	-3.04	-2.17	Selected
DRSC14886	CG14542	FBgn0039402	-3.30	-4.18	Selected
DRSC12247	CG14661	FBgn0037288	-3.69	-0.22	Selected
DRSC14966	CG14842	FBgn0038229	-1.59	-2.52	Selected
DRSC08460	CG15006	FBgn0035510	-1.58	-1.24	Selected
DRSC19653	CG15207	FBgn0030248	-1.53	-1.14	Selected
DRSC18006	CG15321	FBgn0030150	-3.52	-3.23	Selected
DRSC02502	CG15494	FBgn0040971	-2.03	-2.00	Selected
DRSC15114	CG15690	FBgn0038825	-1.54	0.07	Selected
DRSC18083	CG15777	FBgn0029781	-2.33	-1.91	Selected
DRSC10226	CG16793	FBgn0036712	-3.96	-1.81	Selected
DRSC15165	CG16918	FBgn0039574	-1.92	-1.33	Selected
DRSC15194	CG17202	FBgn0038043	-1.71	0.26	Selected
DRSC10259	CG17233	FBgn0036958	-2.35	-2.82	Selected
DRSC15222	CG17304	FBgn0038267	-2.46	-2.20	Selected
DRSC02621	CG17470	FBgn0032869	0.33	-7.51	Selected

DRSC19786	CG1796	FBgn0030365	-4.96	-2.34	Selected
DRSC02671	CG18398	FBgn0032728	-1.96	-1.44	Selected
DRSC15323	CG18404	FBgn0039761	-1.11	-2.40	Selected
DRSC19807	CG1841	FBgn0030330	-4.50	-3.59	Selected
DRSC05203	CG18445	FBgn0033476	-2.31	-0.66	Selected
DRSC06758	CG18467	FBgn0034218	0.45	-1.54	Selected
DRSC02675	CG18561	FBgn0032301	-3.25	-2.98	Selected
DRSC06771	CG18604	FBgn0034378	-1.22	-1.71	Selected
DRSC15373	CG18682	FBgn0040625	-1.67	-0.13	Selected
DRSC06787	CG1874	FBgn0033425	-1.36	-1.86	Selected
DRSC12295	CG2023	FBgn0037383	-0.82	-1.66	Selected
DRSC06811	CG2063	FBgn0033400	-3.10	-2.77	Selected
DRSC19847	CG2446	FBgn0030328	-1.63	-1.84	Selected
DRSC19851	CG2471	FBgn0030357	-2.04	-1.13	Selected
DRSC18463	CG2685	FBgn0024998	-1.54	-1.83	Selected
DRSC19866	CG2691	FBgn0030504	-0.09	-2.05	Selected
DRSC03971	CG30194	FBgn0050194	-2.32	0.30	Selected
DRSC03890	CG30404	FBgn0050404	-1.15	-1.88	Selected
DRSC06560	CG30460	FBgn0050460	-1.72	-2.84	Selected
DRSC15619	CG31052	FBgn0051052	-2.12	-1.68	Selected
DRSC16144	CG31161	FBgn0051161	-2.02	0.52	Selected
DRSC13438	CG31205	FBgn0051205	-2.66	-0.95	Selected
DRSC15833	CG31291	FBgn0051291	-0.95	-2.37	Selected
DRSC14973	CG31330	FBgn0051330	-0.44	-2.22	Selected
DRSC13113	CG31461	FBgn0051461	-2.71	-1.72	Selected
DRSC00456	CG31665	FBgn0051665	0.38	-9.07	Selected
DRSC01991	CG31705	FBgn0028490	-2.57	-1.18	Selected
DRSC01247	CG31763	FBgn0051763	-1.70	-1.39	Selected
DRSC01413	CG31775	FBgn0028537	-3.30	-1.52	Selected
DRSC02431	CG31781	FBgn0051781	0.53	-7.74	Selected
DRSC01336	CG31814	FBgn0051814	-1.82	-0.41	Selected
DRSC17103	CG32000	FBgn0052000	-3.23	-3.36	Selected
DRSC09074	CG32080	FBgn0052080	-1.52	-0.44	Selected
DRSC09574	CG32204	FBgn0052204	-2.51	-0.31	Selected
DRSC07967	CG32308	FBgn0052308	-1.78	0.07	Selected
DRSC08625	CG32332	FBgn0052332	-0.50	-1.60	Selected
DRSC00585	CG3248	FBgn0031536	-1.18	-1.59	Selected
DRSC20473	CG32514	FBgn0052514	-4.55	-2.43	Selected
DRSC19368	CG32626	FBgn0052626	-2.19	-1.54	Selected
DRSC19724	CG32632	FBgn0052632	-1.43	-1.80	Selected
DRSC19788	CG32654	FBgn0052654	-4.89	-4.17	Selected
DRSC18023	CG32675	FBgn0052675	-0.21	-6.05	Selected
DRSC17705	CG32733, CG32797	FBgn0052733, FBgn0052797	-1.56	-0.63	Selected
DRSC17705	CG32733, CG32797	FBgn0052733, FBgn0052797	-2.74	-2.10	Selected
DRSC10965	CG33205	FBgn0053205	-1.51	-1.66	Selected

DRSC10585	CG33269	FBgn0053269	-1.84	-2.59	Selected
DRSC10583	CG33271	FBgn0053271	-1.50	-2.44	Selected
DRSC09116	CG33272	FBgn0053272	-2.05	-2.73	Selected
DRSC02848	CG33303	FBgn0053303	-1.90	-1.75	Selected
DRSC09115	CG33500	FBgn0053500	-2.49	-2.02	Selected
DRSC00268	CG3523	FBgn0027571	-6.48	-6.17	Selected
DRSC15505	CG3669	FBgn0039838	-2.03	0.04	Selected
DRSC01080	CG3838	FBgn0032130	-1.83	0.00	Selected
DRSC10388	CG3911	FBgn0035992	-1.88	-0.89	Selected
DRSC18359	CG4320	FBgn0029840	-3.11	-3.02	Selected
DRSC02749	CG4454	FBgn0032105	-1.64	-1.04	Selected
DRSC15625	CG4699	FBgn0038364	-2.88	-2.28	Selected
DRSC02774	CG4738	FBgn0032347	-3.00	-4.41	Selected
DRSC10448	CG4780	FBgn0035602	-1.52	-0.71	Selected
DRSC10452	CG4835	FBgn0035607	-4.46	-4.15	Selected
DRSC02819	CG5149	FBgn0031904	0.52	-3.80	Selected
DRSC06920	CG5174	FBgn0034345	-2.85	-3.02	Selected
DRSC15782	CG5376	FBgn0038977	-2.15	-0.05	Selected
DRSC10516	CG5546	FBgn0036761	-5.08	-4.62	Selected
DRSC02874	CG5674	FBgn0032656	-0.93	-1.77	Selected
DRSC08568	CG5687	FBgn0035293	-3.38	-3.12	Selected
DRSC02883	CG5731	FBgn0032192	-2.71	-0.12	Selected
DRSC15945	CG6005	FBgn0038672	0.20	-6.21	Selected
DRSC06980	CG6370	FBgn0034277	-2.60	-2.90	Selected
DRSC02974	CG6614	FBgn0032369	0.25	-6.72	Selected
DRSC19338	CG6842	FBgn0027605	-3.03	-4.57	Selected
DRSC10762	CG7017	FBgn0036951	-1.83	0.35	Selected
DRSC16192	CG7079	FBgn0038849	0.02	-3.76	Selected
DRSC03028	CG7214	FBgn0031940	-8.40	0.36	Selected
DRSC14164	CG7242	FBgn0040494	-0.97	-1.67	Selected
DRSC20031	CG7282	FBgn0030967	-0.96	-1.76	Selected
DRSC10886	CG7580	FBgn0036728	-1.57	-0.34	Selected
DRSC16397	CG8223	FBgn0037624	-0.47	-1.62	Selected
DRSC07142	CG8309	FBgn0033902	-1.84	-1.98	Selected
DRSC07179	CG8435	FBgn0034084	-1.62	-1.93	Selected
DRSC11010	CG8605	FBgn0035762	-4.69	-5.25	Selected
DRSC11041	CG8765	FBgn0036900	-1.11	-1.63	Selected
DRSC07291	CG8860	FBgn0033691	-3.29	-3.97	Selected
DRSC07298	CG8929	FBgn0034504	-3.29	-4.02	Selected
DRSC08620	CG9119	FBgn0035189	-4.92	-4.91	Selected
DRSC16535	CG9667	FBgn0037550	-1.66	-1.87	Selected
DRSC16570	CG9821	FBgn0037636	-1.77	-1.86	Selected
DRSC16668	desat1	FBgn0043044	-4.89	-3.88	Selected
DRSC11165	Fad2	FBgn0029172	-4.18	-4.85	Selected
DRSC17970	l(1)G0155	FBgn0026664	-2.23	-4.03	Selected
DRSC00667	l(2)k00619	FBgn0031312	-1.29	-1.75	Selected
DRSC16981	l(3)03670	FBgn0010808	-1.60	-2.44	Selected
DRSC09117	Mob1	FBgn0036172	-1.68	-0.85	Selected
DRSC11217	MTF-1	FBgn0040305	-6.37	-7.70	Selected

DRSC08257	p130CAS	FBgn0035101	-3.82	-2.41	Selected
DRSC11874	Pitslre	FBgn0016696	-3.15	-2.06	Selected
DRSC20364	ran	FBgn0020255	-4.92	-3.95	Selected
DRSC07344	Rgk1	FBgn0034434	-2.71	-1.88	Selected
DRSC12148	Rheb	FBgn0041191	-3.71	-4.16	Selected
DRSC18483	Roc1a	FBgn0025638	-3.43	-3.20	Selected
DRSC12367	Rpn5	FBgn0028690	-3.44	-3.13	Selected
DRSC17049	sar1	FBgn0038947	-3.16	-3.30	Selected
DRSC04907	SCAP	FBgn0033052	-2.70	-2.33	Selected
DRSC12387	sec23	FBgn0037357	-3.16	-3.62	Selected
DRSC12387	sec23	FBgn0037357	-3.40	-8.92	Selected
DRSC03256	Sec61alpha	FBgn0026571	-4.99	-5.32	Selected
DRSC07548	Sec61beta	FBgn0010638	-2.78	-1.83	Selected
DRSC07548	Sec61beta	FBgn0010638	-1.08	-1.85	Selected
DRSC07560	TER94	FBgn0024923	-4.68	-4.60	Selected
DRSC10203	unc-13-4A	FBgn0035756	-4.54	-3.53	Selected
DRSC11412	zetaCOP	FBgn0040512	-7.31	-7.67	Selected
DRSC21010			-4.03	-4.37	Selected
DRSC20779			-2.01	-2.51	Selected
DRSC18937			-1.77	-1.90	Selected
DRSC17536			-2.01	-1.57	Selected
DRSC18914			-1.60	-1.93	Selected
DRSC18898			-3.39	-3.68	Selected
DRSC13768			-4.14	-3.46	Selected
DRSC13836			-2.24	-2.24	Selected
DRSC13565			-2.89	-3.04	Selected
DRSC13003			-1.94	-2.13	Selected
DRSC13177			-3.00	-1.95	Selected
DRSC12660			-1.80	-1.54	Selected
DRSC09630			-1.74	-2.12	Selected
DRSC09621			-1.86	-3.05	Selected
DRSC09463			-3.02	-1.65	Selected
DRSC09359			-4.84	-3.21	Selected
DRSC09065			-2.68	-1.96	Selected
DRSC09048			-2.37	-1.63	Selected
DRSC09014			-2.31	-2.04	Selected
DRSC05810			-2.96	-1.57	Selected
DRSC03808			-3.47	-1.88	Selected
DRSC01491			-8.23	-10.89	Selected
DRSC01481			-3.22	-2.48	Selected
DRSC01170			-2.10	-2.71	Selected
DRSC18099			-2.35	-1.81	Selected
DRSC11739			-1.17	-2.93	Selected
DRSC08703			-7.13	-7.38	Selected
DRSC08407			-2.72	-2.14	Selected
DRSC06475			-1.91	-1.69	Selected
DRSC16897	abd-A	FBgn0000014	-8.54	-4.77	Survival
DRSC01856	Acp26Ab	FBgn0002856	0.27	-7.63	Single hit
DRSC14109	Ald	FBgn0000064	-1.70	-1.50	Single hit

DRSC12447	Alhambra	FBgn0037471	-5.21	-4.10	Survival
DRSC17278	AlstR	FBgn0028961	-1.96	-0.71	Single hit
DRSC16899	alphaTub85E	FBgn0003886	-4.40	-4.44	Survival
DRSC00801	aop	FBgn0000097	-1.08	-2.04	Single hit
DRSC11322	ara	FBgn0015904	-1.47	-1.84	Survival
DRSC05912	AGO1	FBgn0026611	-1.44	-1.52	Single hit
DRSC10847	AGO2	FBgn0046812	-2.27	0.35	Single hit
DRSC01236	aret	FBgn0000114	-1.69	-0.73	Single hit
DRSC01990	Aats-asn	FBgn0027092	-0.84	-1.56	Single hit
DRSC15727	Atx2	FBgn0041188	-4.74	-3.96	Survival
DRSC09659	ATPsyn-b	FBgn0019644	-1.85	-1.96	Metabolism
DRSC19334	B-H1	FBgn0011758	-2.97	-2.50	Transcription
DRSC19335	B-H2	FBgn0004854	-2.74	-3.84	Survival
DRSC16910	betaTub85D	FBgn0003889	-1.15	-2.15	Single hit
DRSC04676	bs	FBgn0004101	-3.46	-1.12	Survival
DRSC19337	Bap60	FBgn0025463	-0.75	-1.54	Single hit
DRSC02557	bru-2	FBgn0043904	-2.70	-2.79	Survival
DRSC03495	bgm	FBgn0027348	-1.02	-1.66	Single hit
DRSC03500	bun	FBgn0010460	-5.66	-3.48	Transcription
DRSC17743	Bx42	FBgn0004856	-5.60	-3.63	Survival
DRSC14169	C15	FBgn0004863	-0.40	-1.59	Single hit
DRSC12374	cno	FBgn0000340	-2.86	-1.99	Survival
DRSC03502	cad	FBgn0000251	-1.68	-2.66	Transcription
DRSC11334	caup	FBgn0015919	-2.21	-1.22	Single hit
DRSC03504	cdc2	FBgn0004106	-2.48	-1.88	Survival
DRSC00744	Cf2	FBgn0000286	-4.47	-1.86	Survival
DRSC07650	cg	FBgn0000289	-5.48	-7.95	Survival
DRSC14503	cpo	FBgn0000363	-2.71	-3.18	Survival
DRSC15327	cpo	FBgn0000363	-3.95	-2.23	Survival
DRSC16926	cpo	FBgn0000363	-2.81	-2.97	Survival
DRSC18184	crn	FBgn0000377	-2.74	-3.44	Splicing
DRSC18185	crn	FBgn0000377	-2.37	-3.76	Survival
DRSC18755	crn	FBgn0000377	-5.41	-4.95	Survival
DRSC11123	CycA	FBgn0000404	-1.98	-3.03	Survival
DRSC09132	CycA	FBgn0000404	-2.94	-3.18	Survival
DRSC03296	CycE	FBgn0010382	-2.40	-3.80	Survival
DRSC11124	CycT	FBgn0025455	-5.92	-5.09	Survival
DRSC04601	Cdk9	FBgn0019949	-5.42	-6.98	Transcription
DRSC05666	cyp33	FBgn0028382	-3.24	-1.19	Single hit
DRSC07600	cyp33	FBgn0028382	-3.87	-4.14	Transcription
DRSC07397	DebB	FBgn0000426	-2.50	-4.14	Splicing
DRSC18762	dm	FBgn0000472	-2.33	-3.02	Survival
DRSC03318	Dox-A2	FBgn0000486	-6.72	-5.37	Survival
DRSC04558	dom	FBgn0020306	-1.37	-1.88	Single hit
DRSC20315	Dsp1	FBgn0011764	-8.77	-5.28	Survival
DRSC07088	dup	FBgn0000996	-5.65	-6.05	Survival
DRSC15045	dmrt99B	FBgn0039683	-2.14	-2.52	Survival
DRSC14897	dys	FBgn0039411	-4.56	-1.79	Transcription
DRSC16694	HLHm3	FBgn0002609	-0.58	-1.65	Single hit

DRSC16655	E2f	FBgn0011766	-0.52	-1.50	Survival
DRSC16585	E5	FBgn0008646	-1.82	-1.97	Survival
DRSC00425	E23	FBgn0020445	-1.75	-1.52	Survival
DRSC10613	Eip74EF	FBgn0000567	-1.34	-1.93	Single hit
DRSC07421	Ef1alpha48D	FBgn0000556	-1.49	-2.52	Single hit
DRSC03737	Ef2b	FBgn0000559	-3.31	-4.59	Translation
DRSC07423	Elongin-C	FBgn0023211	-1.51	-1.64	Transcription
DRSC08509	E(bx)	FBgn0000541	-3.62	-3.96	Transcription
DRSC05281	E(Pc)	FBgn0000581	-2.74	-1.58	Survival
DRSC07408	E(Pc)	FBgn0000581	-4.50	-2.05	Transcription
DRSC00750	Eno	FBgn0000579	-8.89	-0.23	Single hit
DRSC16937	eIF-1A	FBgn0026250	-2.56	-3.45	Translation
DRSC11341	eIF-2beta	FBgn0004926	-5.66	-3.60	Translation
DRSC03526	eIF-4a	FBgn0001942	-6.41	-4.84	Translation
DRSC11344	eyg	FBgn0000625	-2.17	-3.02	Survival
DRSC03328	Fs(2)Ket	FBgn0000986	-7.69	-7.70	Nuclear pore
DRSC03534	fzy	FBgn0001086	-4.19	-3.93	Survival
DRSC07415	Fen1	FBgn0025832	-1.55	0.08	Single hit
DRSC13017	foxo	FBgn0038197	-3.87	-2.50	Survival
DRSC17843	fd3F	FBgn0061173	-3.35	-1.56	Survival
DRSC16952	fru	FBgn0004652	-3.21	-3.18	Transcription
DRSC16951	fru	FBgn0004652	-2.59	-2.30	Transcription
DRSC03850	Glycogenin	FBgn0034603	-3.31	-1.47	Survival
DRSC11352	grim	FBgn0015946	-2.35	-0.95	Single hit
DRSC07434	Gbp	FBgn0013969	-2.40	-1.16	Single hit
DRSC07440	Hey	FBgn0027788	-1.56	-1.25	Single hit
DRSC11354	hay	FBgn0001179	-5.20	-6.84	Transcription
DRSC16964	hdc	FBgn0010113	-1.58	-2.01	Survival
DRSC03342	Hel25E	FBgn0014189	-5.15	-5.84	Splicing
DRSC11182	HLH106	FBgn0015234	-7.31	-5.42	Survival
DRSC07502	hrg	FBgn0015949	-1.99	-1.55	Transcription
DRSC19986	Aats-his	FBgn0027087	-1.66	-2.52	Metabolism
DRSC16703	His4r	FBgn0013981	-2.94	-3.42	Survival
DRSC03546	hoip	FBgn0015393	-6.47	-6.17	Survival
DRSC11199	Int6	FBgn0025582	-4.19	-1.85	Translation
DRSC04696	ken	FBgn0011236	-1.54	-1.75	Transcription
DRSC20346	I(1)10Bb	FBgn0001491	-1.08	-2.08	Single hit
DRSC03560	I(2)35Df	FBgn0001986	-2.59	-1.21	Single hit
DRSC00708	lilli	FBgn0041111	-3.48	-4.93	Single hit
DRSC00708	lilli	FBgn0041111	-4.15	-3.99	Transcription
DRSC05223	lola	FBgn0005630	-1.62	-1.18	Single hit
DRSC06741	lola	FBgn0005630	-8.62	0.46	Single hit
DRSC05220	lola	FBgn0005630	-3.72	-1.82	Transcription
DRSC06663	luna	FBgn0040765	-2.92	-2.21	Survival
DRSC05468	mam	FBgn0002643	-4.20	-3.79	Survival
DRSC07648	mam	FBgn0002643	-4.11	-3.12	Survival
DRSC03569	me31B	FBgn0004419	-1.68	-1.30	Single hit
DRSC16737	Med	FBgn0011655	-0.74	-1.55	Survival
DRSC04624	Mov34	FBgn0002787	-6.44	-6.99	Survival

DRSC16484	mura	FBgn0037705	-5.77	-2.84	Survival
DRSC07472	Mif	FBgn0034051	-2.03	-1.76	Transcription
DRSC18801	nej	FBgn0015624	-3.61	-2.53	Survival
DRSC18389	Nep1	FBgn0029843	-1.65	-1.37	Single hit
DRSC08729	nerfin-1	FBgn0028999	0.20	-9.90	Single hit
DRSC13664	nAcRalpha-96Aa	FBgn0000036	-2.20	-0.93	Single hit
DRSC13670	nAcRalpha-96Aa	FBgn0000036	-2.10	-0.51	Single hit
DRSC12383	noi	FBgn0014366	-3.83	-1.81	Survival
DRSC02019	Ntf-2r	FBgn0032680	-1.25	-1.70	Single hit
DRSC17021	orb	FBgn0004882	-3.02	-2.81	Survival
DRSC18810	org-1	FBgn0021767	-2.05	-1.93	Transcription
DRSC04634	Orc4	FBgn0023181	-11.05	0.14	Single hit
DRSC00833	oho23B	FBgn0015521	0.82	-4.18	Single hit
DRSC08897	Pdp1	FBgn0016694	-4.04	-2.21	Survival
DRSC08896	Pdp1	FBgn0016694	-3.61	-2.31	Survival
DRSC16388	ps	FBgn0026188	-6.45	-5.76	Splicing
DRSC00968	Pvf2	FBgn0031888	-0.06	-1.59	Single hit
DRSC03591	pim	FBgn0003087	-1.89	-0.75	Single hit
DRSC07668	psq	FBgn0004399	-1.87	-1.37	Single hit
DRSC17025	pit	FBgn0025140	-0.32	-1.70	Single hit
DRSC17028	pnt	FBgn0003118	-2.58	-3.22	Transcription
DRSC03009	Proct	FBgn0045038	-3.97	-1.84	Survival
DRSC07667	prod	FBgn0014269	-1.95	-2.95	Survival
DRSC07515	CG30382, Prosalph	Prosalpha6: FBg	-4.37	-3.56	Proteasome
DRSC16798	Pros25	FBgn0010405	-3.53	-4.49	Proteasome
DRSC11256	Pros26	FBgn0002284	-4.61	-5.01	Proteasome
DRSC16799	Pros26.4	FBgn0015282	-5.21	-4.39	Survival
DRSC04644	Pros29	FBgn0003150	-1.92	-2.24	Proteasome
DRSC03401	Pros35	FBgn0003151	-6.34	-6.61	Proteasome
DRSC11876	Pros54	FBgn0015283	-0.49	-1.56	Proteasome
DRSC07516	Prosalpha7	FBgn0023175	-4.69	-4.37	Proteasome
DRSC11257	Prosbeta2	FBgn0023174	-5.66	-4.93	Proteasome
DRSC07541	Rpn6	FBgn0028689	-7.21	-6.31	Proteasome
DRSC07533	RnrS	FBgn0011704	-1.90	-2.25	Metabolism
DRSC15518	RpL10Aa	FBgn0038281	-1.22	-2.34	Translation
DRSC10798	RpL10Ab	FBgn0036213	-5.00	-3.46	Translation
DRSC04344	RpL12	FBgn0034968	-3.45	-4.16	Translation
DRSC03416	RpL13	FBgn0011272	0.80	-4.78	Translation
DRSC12265	RpL13A	FBgn0037351	-2.51	-3.14	Translation
DRSC11269	RpL14	FBgn0017579	-3.51	-1.98	Translation
DRSC20963	RpL15	FBgn0028697	-2.48	-4.01	Translation
DRSC18293	RpL17	FBgn0029897	-3.40	-3.03	Translation
DRSC11016	RpL18	FBgn0035753	-4.21	-4.54	Translation
DRSC07538	RpL18A	FBgn0010409	-4.61	-1.82	Translation
DRSC04649	RpL19	FBgn0002607	-4.75	-6.44	Translation
DRSC03704	RpL21	FBgn0032987	-3.17	-4.38	Translation
DRSC18707	RpL22	FBgn0015288	-4.58	-4.81	Translation
DRSC04648	RpL23	FBgn0010078	-6.25	-4.48	Translation
DRSC03185	RpL24	FBgn0032518	-2.84	-2.84	Translation

DRSC10726	RpL26	FBgn0036825	-2.78	-4.55	Translation
DRSC15638	RpL27	FBgn0039359	-2.67	-4.66	Translation
DRSC00781	RpL27A	FBgn0010410	-5.52	-4.24	Translation
DRSC08293	RpL28	FBgn0035422	-2.55	-0.94	Translation
DRSC16834	RpL3	FBgn0020910	-1.87	-2.33	Translation
DRSC02087	RpL30	FBgn0015745	-1.76	-3.70	Translation
DRSC06716	RpL31	FBgn0025286	-3.48	-4.09	Translation
DRSC16835	RpL32	FBgn0002626	-4.04	-4.26	Translation
DRSC16835	RpL32	FBgn0002626	-3.53	-4.76	Translation
DRSC18347	RpL35	FBgn0029785	-2.20	-3.53	Translation
DRSC12302	RpL35A	FBgn0037328	-2.81	-4.04	Translation
DRSC18708	RpL36	FBgn0002579	-2.22	-3.77	Translation
DRSC03055	RpL36A	FBgn0031980	-1.76	-4.12	Translation
DRSC20149	RpL37a	FBgn0030616	-3.00	-1.97	Translation
DRSC02899	RpL37A	FBgn0028696	-1.91	-2.68	Translation
DRSC07818	RpL38	FBgn0040007	-4.17	-2.88	Translation
DRSC04651	RpL39	FBgn0023170	-2.71	-3.94	Translation
DRSC16833	RpL4	FBgn0003279	-4.47	-5.19	Translation
DRSC00782	RpL40	FBgn0003941	-3.95	-2.87	Translation
DRSC03801	RpL5	FBgn0064225	-5.01	-2.99	Translation
DRSC14323	RpL6	FBgn0039857	-2.86	-1.85	Translation
DRSC03417	RpL7	FBgn0005593	-3.95	-4.75	Translation
DRSC18709	RpL7A	FBgn0014026	-1.66	-2.84	Translation
DRSC08532	RpL8	FBgn0024939	-3.41	-4.01	Translation
DRSC08695	RpL8	FBgn0024939	-5.05	-3.31	Translation
DRSC03418	RpL9	FBgn0015756	-4.70	-4.54	Translation
DRSC11878	RpLP0	FBgn0000100	-1.73	-3.34	Translation
DRSC00783	RpLP1	FBgn0002593	-2.06	-2.77	Survival
DRSC07539	RpLP2	FBgn0003274	-5.25	-1.84	Translation
DRSC19561	RpS10b	FBgn0031035	-2.87	-2.91	Translation
DRSC07289	RpS11	FBgn0033699	-3.70	-2.12	Translation
DRSC07289	RpS11	FBgn0033699	-0.57	-1.65	Translation
DRSC09230	RpS12	FBgn0014027	-5.78	-4.43	Survival
DRSC11270	RpS12	FBgn0014027	-3.91	-3.81	Translation
DRSC03419	RpS13	FBgn0010265	-2.65	-4.36	Translation
DRSC18710	RpS14a	FBgn0004403	-1.71	-2.82	Survival
DRSC18711	RpS14b	FBgn0004404	-2.52	-2.94	Translation
DRSC07151	RpS15	FBgn0034138	-3.99	-2.13	Survival
DRSC04442	RpS16	FBgn0034743	-4.13	-3.84	Translation
DRSC11271	RpS17	FBgn0005533	-4.03	-2.83	Translation
DRSC07540	RpS18	FBgn0010411	-3.82	-1.77	Translation
DRSC20281	RpS19a	FBgn0010412	-3.26	-3.86	Translation
DRSC16836	RpS20	FBgn0019936	-3.05	-3.16	Translation
DRSC07169	RpS23	FBgn0033912	-2.01	-2.59	Translation
DRSC04414	RpS24	FBgn0034751	-6.98	-4.02	Translation
DRSC03420	RpS26	FBgn0004413	-4.01	-3.59	Translation
DRSC14244	RpS27	FBgn0039300	-1.79	-2.12	Translation
DRSC03421	RpS27A	FBgn0003942	-3.93	-3.11	Translation
DRSC18258	RpS28b	FBgn0030136	-2.06	-1.93	Translation

DRSC16433	RpS29	FBgn0037752	-0.36	-3.05	Translation
DRSC16838	RpS3	FBgn0002622	-2.22	-2.73	Translation
DRSC15119	RpS30	FBgn0038834	-2.29	-3.25	Translation
DRSC17168	RpS3A	FBgn0017545	-2.16	-3.08	Translation
DRSC11272	RpS4	FBgn0011284	-4.18	-3.13	Translation
DRSC20282	RpS5a	FBgn0002590	-1.66	-2.72	Translation
DRSC18712	RpS6	FBgn0004922	-2.90	-3.04	Translation
DRSC15394	RpS7	FBgn0039757	-2.65	-4.28	Translation
DRSC16318	RpS8	FBgn0039713	-3.31	-2.25	Translation
DRSC11273	RpS9	FBgn0010408	-3.77	-2.94	Translation
DRSC16831	RpII140	FBgn0003276	-4.66	-4.62	Transcription
DRSC16832	RpII15	FBgn0004855	-6.68	-5.27	Transcription
DRSC12366	RpII18	FBgn0003275	-5.36	-3.70	Transcription
DRSC20280	RpII215	FBgn0003277	-5.59	-4.79	Transcription
DRSC03415	RpII33	FBgn0026373	-4.16	-3.73	Transcription
DRSC12500	rn	FBgn0003263	-5.00	-4.08	Metabolism
DRSC19831	RpS15Ab, RpS15Aa	RpS15Aa: FBgn0003449	-1.93	-2.64	Translation
DRSC06129	RpS15Ab, RpS15Aa	RpS15Aa: FBgn0003449	-2.58	-3.29	Translation
DRSC18835	snf	FBgn0003449	-2.32	-0.22	Single hit
DRSC08736	scrt	FBgn0004880	-2.52	-2.22	Survival
DRSC09263	sens	FBgn0002573	-4.01	-3.78	Survival
DRSC17068	srp	FBgn0003507	-2.23	-2.13	Survival
DRSC15311	svp	FBgn0003651	-4.98	-4.53	Survival
DRSC19214	Sh	FBgn0003380	-4.95	-1.57	Survival
DRSC07693	so	FBgn0003460	-3.48	-2.13	Survival
DRSC13643	sba	FBgn0016754	-1.88	-0.62	Survival
DRSC20368	sbr	FBgn0003321	-2.80	-2.80	Survival
DRSC19770	sbr	FBgn0003321	-3.26	-2.72	Transcription
DRSC09800	snRNP69D	FBgn0016940	-3.09	-2.11	Translation
DRSC13640	snRNA:U1:95Cc	FBgn0004187	-2.60	-0.70	Single hit
DRSC03437	SmB	FBgn0010083	-6.18	-3.60	Translation
DRSC07553	SmD3	FBgn0023167	-2.34	-3.44	Splicing
DRSC20288	Smr	FBgn0024308	-3.13	-3.29	Survival
DRSC19495	Smr	FBgn0024308	-3.17	-2.55	Survival
DRSC18720	Spx	FBgn0015818	-3.45	-2.37	Splicing
DRSC05234	stan	FBgn0024836	-3.41	-3.52	Survival
DRSC06423	sns	FBgn0024189	-2.47	-1.99	Survival
DRSC03614	sop	FBgn0004867	-4.06	-3.10	Translation
DRSC17067	sr	FBgn0003499	-3.43	-2.84	Transcription
DRSC18838	sta	FBgn0003517	-1.80	-2.51	Translation
DRSC07702	sut3	FBgn0028561	-6.90	0.11	Single hit
DRSC07558	Su(z)2	FBgn0008654	-2.50	-3.11	Survival
DRSC04662	Tbp	FBgn0003687	-5.11	-3.41	Transcription
DRSC16842	Tbp-1	FBgn0028684	-5.32	-3.82	Survival
DRSC12607	Taf1	FBgn0010355	-1.65	-1.94	Transcription
DRSC11404	th	FBgn0003691	-6.36	-5.93	Survival
DRSC16882	TfIIA-L	FBgn0011289	-2.09	-1.93	Transcription
DRSC03454	TfIIB	FBgn0004915	-2.77	-4.97	Transcription
DRSC11303	TfIIAlpha	FBgn0015828	-2.70	-3.18	Transcription

DRSC08701	TfIIbeta	FBgn0015829	-5.79	-3.13	Transcription
DRSC12608	TfIIalpha	FBgn0010282	-3.76	-3.32	Transcription
DRSC11309	Trn	FBgn0024921	-3.63	-3.89	Transcription
DRSC03464	Trip1	FBgn0015834	-2.55	-3.00	Translation
DRSC11308	Trl	FBgn0013263	-2.28	-1.12	Single hit
DRSC20297	U2af50	FBgn0005411	-2.19	-4.02	Splicing
DRSC05020	Vha16	FBgn0004145	-1.72	-2.17	Metabolism
DRSC17096	wts	FBgn0011739	-3.56	-3.86	Survival
DRSC15928	woc	FBgn0010328	-1.17	-1.54	Single hit
DRSC04666	Xpd	FBgn0015844	-2.43	-3.81	Transcription
DRSC20303	Zw	FBgn0004057	-7.25	0.37	Single hit
DRSC00000			-6.04	-5.84	Control
DRSC00000			-6.34	-4.80	Control
DRSC00000			-4.81	-5.30	Control
DRSC00000			-7.61	-8.15	Control
DRSC00000			-5.68	-5.78	Control
DRSC00000			-8.56	-10.77	Control
DRSC00000			-7.14	-8.06	Control
DRSC05259			-4.83	-5.52	Control
DRSC00000			-7.13	-9.15	Control
DRSC00000			-5.55	-7.86	Control
DRSC00000			-8.21	-11.03	Control
DRSC00000			-6.68	-5.32	Control
DRSC00000			-7.77	-9.77	Control
DRSC00000			-7.40	-10.31	Control
DRSC00000			-6.62	-7.85	Control
DRSC00000			-6.89	-6.90	Control
DRSC00000			-7.13	-7.02	Control
DRSC00000			-5.22	-7.59	Control
DRSC00000			-8.35	-7.05	Control
DRSC00000			-5.08	-5.56	Control
DRSC00000			-7.18	-7.62	Control
DRSC00000			-6.86	-5.71	Control
DRSC00000			-10.85	-7.90	Control
DRSC00000			-7.40	-7.55	Control
DRSC00000			-7.76	-7.26	Control
DRSC00000			-8.87	-5.65	Control
DRSC00000			-5.38	-6.39	Control
DRSC00000			-4.53	-4.39	Control
DRSC00000			-4.12	-4.95	Control
DRSC00000			-7.59	-6.52	Control
DRSC07022	CG7461	FBgn0034432	-1.69	-2.08	Lipid metabolism
DRSC05990	CG10444	FBgn0034494	-5.81	-6.25	Metabolism
DRSC16501	CG9475	FBgn0037742	-2.02	-3.09	Proteasome
DRSC07542	Rpt1	FBgn0028687	-5.09	-4.26	Proteasome
DRSC02036	CG10333	FBgn0032690	-1.51	-0.64	Single hit
DRSC09801	CG10754	FBgn0036314	-2.49	-0.32	Single hit
DRSC19344	CG11092	FBgn0027537	-0.65	-1.93	Single hit
DRSC14467	CG12054	FBgn0039831	-2.32	-1.14	Single hit

DRSC06270	CG12970	FBgn0034047	-1.77	0.32	Single hit
DRSC06410	CG13739	FBgn0033403	-0.91	-2.82	Single hit
DRSC06441	CG13953	FBgn0033416	-1.75	-0.57	Single hit
DRSC02353	CG14023	FBgn0031698	-1.31	-2.39	Single hit
DRSC17950	CG14773	FBgn0040895	-2.20	-1.37	Single hit
DRSC00256	CG15628	FBgn0031632	-0.04	0.28	Single hit
DRSC19776	CG1751	FBgn0030306	-1.08	-1.78	Single hit
DRSC08520	CG17737	FBgn0035423	-1.74	-0.65	Single hit
DRSC04305	CG18375	FBgn0034606	-2.10	-0.75	Single hit
DRSC06794	CG1884	FBgn0033424	-1.22	-1.87	Single hit
DRSC12301	CG2097	FBgn0037371	-1.47	-2.27	Single hit
DRSC12491	CG2358	FBgn0026567	-1.39	-2.21	Single hit
DRSC00554	CG2964	FBgn0031462	-7.28	0.27	Single hit
DRSC05683	CG30111	FBgn0050111	-1.40	-1.55	Single hit
DRSC04141	CG30401	FBgn0050401	0.26	-6.84	Single hit
DRSC06425	CG30497	FBgn0050497	-2.34	-1.21	Single hit
DRSC14787	CG31122	FBgn0051122	-1.83	-0.10	Single hit
DRSC13309	CG31229	FBgn0051229	-2.63	-1.14	Single hit
DRSC00509	CG31666	FBgn0051666	-0.53	-1.68	Single hit
DRSC00074	CG31938	FBgn0051938	0.14	-0.04	Single hit
DRSC10330	CG32043	FBgn0052043	-0.56	-2.03	Single hit
DRSC08780	CG32409	FBgn0052409	-1.98	-0.15	Single hit
DRSC19136	CG32576	FBgn0052576	-1.92	-1.16	Single hit
DRSC19821	CG32662	FBgn0052662	-2.23	-1.15	Single hit
DRSC18623	CG32859	FBgn0040368	-3.10	0.30	Single hit
DRSC05013	CG33352	FBgn0053352	-1.49	-1.67	Single hit
DRSC18331	CG3918	FBgn0029873	-2.26	-1.20	Single hit
DRSC18350	CG4136	FBgn0029775	-2.88	-1.45	Single hit
DRSC10489	CG5161	FBgn0036573	-2.04	-0.89	Single hit
DRSC15804	CG5454	FBgn0038667	-2.79	-1.26	Single hit
DRSC10537	CG5684	FBgn0036239	-1.01	-1.79	Single hit
DRSC15863	CG5732	FBgn0038934	-1.39	-2.22	Single hit
DRSC03733	CG5929	FBgn0032982	0.14	-6.82	Single hit
DRSC15968	CG6118	FBgn0038339	-0.96	-1.76	Single hit
DRSC06967	CG6197	FBgn0033859	-2.54	-1.32	Single hit
DRSC02979	CG6686	FBgn0032388	-2.43	-0.93	Single hit
DRSC07007	CG6701	FBgn0033889	-1.65	0.38	Single hit
DRSC08994	CG6767	FBgn0036030	-1.54	-0.70	Single hit
DRSC09342	CG6854	FBgn0036478	-1.82	-1.20	Single hit
DRSC16150	CG6958	FBgn0039004	-0.72	-6.09	Single hit
DRSC16171	CG7009	FBgn0038861	-3.93	0.10	Single hit
DRSC08607	CG7974	FBgn0035254	-0.60	-1.61	Single hit
DRSC20164	CG9172	FBgn0030718	-7.69	0.19	Single hit
DRSC03171	CG9253	FBgn0032919	-0.56	-1.76	Single hit
DRSC12328	CG9769	FBgn0037270	-0.85	-2.63	Single hit
DRSC16034	Dis3	FBgn0039183	-1.12	-1.58	Single hit
DRSC20327	eIF-2alpha	FBgn0004925	-0.53	-1.50	Single hit
DRSC04058	eIF2B-delta	FBgn0034858	-0.48	-2.35	Single hit
DRSC06900	eIF3-S9	FBgn0034237	-2.99	-1.31	Single hit

DRSC08710	eIF5B	FBgn0026259	-2.06	-0.74	Single hit
DRSC08429	eIF5B	FBgn0026259	-1.64	-0.70	Single hit
DRSC19538	l(1)G0007	FBgn0026713	-0.56	-1.54	Single hit
DRSC20095	l(1)G0022	FBgn0027329	-0.89	-5.84	Single hit
DRSC06512	l(2)03709	FBgn0010551	0.60	-1.86	Single hit
DRSC03363	Lim3	FBgn0002023	-1.20	-3.23	Single hit
DRSC14180	MBD-R2	FBgn0038016	-0.78	-1.75	Single hit
DRSC17735	mei-P26	FBgn0026206	-2.16	-1.48	Single hit
DRSC01999	Nup170	FBgn0027868	-1.68	-0.95	Single hit
DRSC04421	Nup214	FBgn0010660	-1.37	-1.74	Single hit
DRSC04006	pita	FBgn0034878	-1.84	-0.52	Single hit
DRSC08434	Rdh	FBgn0064227	-1.63	-1.07	Single hit
DRSC16475	RpL34b	FBgn0037686	-0.46	-1.62	Single hit
DRSC15537	Rrp46	FBgn0037815	-1.20	-1.82	Single hit
DRSC07556	Spt5	FBgn0040273	-2.34	-1.10	Single hit
DRSC11634	Ssl1	FBgn0037202	-1.16	-1.90	Single hit
DRSC00675	Tfb4	FBgn0031309	-1.26	-1.73	Single hit
DRSC11808	Trap220	FBgn0037109	-1.49	-2.28	Single hit
DRSC21306	xmas-2	FBgn0028974	-0.24	-0.07	Single hit
DRSC00000			-2.33	-0.78	Single hit
DRSC00000			-1.31	-1.53	Single hit
DRSC10268			0.61	-1.85	Single hit
DRSC17488			0.59	-3.28	Single hit
DRSC14922			-1.12	-1.75	Single hit
DRSC20896			-0.27	-1.52	Single hit
DRSC20800			-2.03	0.01	Single hit
DRSC20797			-2.00	-1.24	Single hit
DRSC20846			-3.25	-1.42	Single hit
DRSC19267			-3.22	0.29	Single hit
DRSC19255			-2.59	0.29	Single hit
DRSC19236			-4.30	-0.48	Single hit
DRSC19225			-2.40	-1.16	Single hit
DRSC19324			-1.80	-1.16	Single hit
DRSC19029			-3.50	-0.20	Single hit
DRSC19200			-2.60	-0.48	Single hit
DRSC19301			-2.04	0.29	Single hit
DRSC19104			-2.63	1.23	Single hit
DRSC19008			-2.25	-0.20	Single hit
DRSC19096			-1.80	-0.48	Single hit
DRSC19000			-3.46	0.89	Single hit
DRSC18999			-4.80	-0.20	Single hit
DRSC19272			-4.57	1.23	Single hit
DRSC18860			-2.17	-0.91	Single hit
DRSC18932			-7.08	0.21	Single hit
DRSC17632			-1.55	-1.25	Single hit
DRSC17617			-1.81	-0.62	Single hit
DRSC18889			-1.43	-1.95	Single hit
DRSC17369			-2.40	0.15	Single hit
DRSC17368			-2.45	0.17	Single hit

DRSC17357			-3.61	-1.14	Single hit
DRSC14061			-2.94	-1.19	Single hit
DRSC14046			-1.51	-1.27	Single hit
DRSC17328			-2.06	0.35	Single hit
DRSC17232			0.15	-2.15	Single hit
DRSC17718			0.57	-2.53	Single hit
DRSC17708			-3.67	-0.96	Single hit
DRSC17301			-2.22	-0.32	Single hit
DRSC17276			-1.92	-1.11	Single hit
DRSC17671			0.46	-6.24	Single hit
DRSC13880			-1.74	-0.98	Single hit
DRSC13879			-1.39	-2.17	Single hit
DRSC13878			-0.48	-1.95	Single hit
DRSC13791			-4.32	-1.37	Single hit
DRSC13865			-1.57	-1.26	Single hit
DRSC13864			-2.64	-0.36	Single hit
DRSC13859			0.11	-1.70	Single hit
DRSC13948			-1.51	-0.04	Single hit
DRSC13852			-2.69	-0.72	Single hit
DRSC13737			-1.60	-0.29	Single hit
DRSC13607			-1.82	-0.09	Single hit
DRSC13481			0.37	-2.43	Single hit
DRSC13297			0.17	-1.87	Single hit
DRSC13295			-0.88	-1.51	Single hit
DRSC13294			-2.00	-1.35	Single hit
DRSC13264			-1.66	-0.04	Single hit
DRSC13430			-1.82	-0.82	Single hit
DRSC13415			-1.69	0.20	Single hit
DRSC13509			-3.37	-1.45	Single hit
DRSC13207			-0.14	-2.21	Single hit
DRSC13024			-1.61	-0.64	Single hit
DRSC12909			-1.62	0.01	Single hit
DRSC12911			-1.78	-0.64	Single hit
DRSC12989			-1.97	-0.58	Single hit
DRSC12996			-2.50	-1.35	Single hit
DRSC13077			0.49	-9.01	Single hit
DRSC13073			-0.13	-2.15	Single hit
DRSC12858			-2.17	-0.62	Single hit
DRSC12832			-2.75	-0.82	Single hit
DRSC12819			-1.61	-0.27	Single hit
DRSC12723			-4.73	-1.15	Single hit
DRSC12065			-4.26	-0.82	Single hit
DRSC12398			0.45	-1.67	Single hit
DRSC12407			0.08	-2.00	Single hit
DRSC12044			-0.08	-1.72	Single hit
DRSC11511			-1.64	0.00	Single hit
DRSC11510			-2.05	0.06	Single hit
DRSC09649			-2.98	-0.76	Single hit
DRSC11498			-2.13	-0.35	Single hit

DRSC09647			-1.68	0.19	Single hit
DRSC11487			-1.54	0.31	Single hit
DRSC09636			-1.71	0.22	Single hit
DRSC11486			-2.23	-0.02	Single hit
DRSC09635			-1.65	0.25	Single hit
DRSC11992			-1.73	-1.43	Single hit
DRSC11474			-1.67	0.00	Single hit
DRSC11476			-2.17	0.41	Single hit
DRSC09612			-2.31	-0.09	Single hit
DRSC11462			-5.21	-1.16	Single hit
DRSC11451			-1.68	0.16	Single hit
DRSC09600			-1.75	-0.09	Single hit
DRSC11450			-1.69	-0.06	Single hit
DRSC09599			-2.17	-0.11	Single hit
DRSC11458			0.68	-10.87	Single hit
DRSC11437			-1.97	-0.81	Single hit
DRSC11427			-3.40	-0.56	Single hit
DRSC09576			-1.76	0.09	Single hit
DRSC11426			-1.97	0.30	Single hit
DRSC09575			-1.97	0.39	Single hit
DRSC11425			-2.20	0.54	Single hit
DRSC11434			-1.51	0.62	Single hit
DRSC09277			-1.80	-0.43	Single hit
DRSC09433			-4.33	-0.97	Single hit
DRSC09438			-1.03	-1.63	Single hit
DRSC09237			-0.62	-2.24	Single hit
DRSC09408			-2.07	-1.49	Single hit
DRSC09302			-1.55	-0.15	Single hit
DRSC09191			-2.47	-1.30	Single hit
DRSC09200			-2.04	-0.42	Single hit
DRSC09082			-2.22	-1.17	Single hit
DRSC09176			-1.22	-2.10	Single hit
DRSC08973			-2.07	-1.14	Single hit
DRSC08965			-0.12	-6.37	Single hit
DRSC09144			-1.77	-1.44	Single hit
DRSC09047			-2.04	-0.89	Single hit
DRSC08845			-1.60	-0.56	Single hit
DRSC09010			-1.72	-1.41	Single hit
DRSC08908			-2.45	-1.39	Single hit
DRSC07914			-2.16	0.04	Single hit
DRSC08015			-0.82	-10.73	Single hit
DRSC08092			-2.35	-0.64	Single hit
DRSC08073			-1.77	0.05	Single hit
DRSC07851			-1.63	-1.18	Single hit
DRSC08743			-2.72	-0.43	Single hit
DRSC07946			-1.51	-0.30	Single hit
DRSC05689			-2.96	-0.97	Single hit
DRSC05865			-1.54	-0.82	Single hit
DRSC05837			-1.55	-0.40	Single hit

DRSC05724			-1.64	-0.36	Single hit
DRSC05721			-2.64	-1.14	Single hit
DRSC05899			-1.55	0.18	Single hit
DRSC05297			-2.07	-0.12	Single hit
DRSC05360			-2.97	-0.93	Single hit
DRSC05547			-1.69	-0.77	Single hit
DRSC05450			-1.50	-0.17	Single hit
DRSC05425			-2.86	-0.37	Single hit
DRSC05225			-2.98	-1.49	Single hit
DRSC05206			-2.02	-1.39	Single hit
DRSC05205			-1.61	-0.24	Single hit
DRSC04944			-1.78	-0.21	Single hit
DRSC04827			-2.02	-0.41	Single hit
DRSC05068			-0.31	-2.71	Single hit
DRSC04033			-1.16	-3.79	Single hit
DRSC04020			-1.59	-0.01	Single hit
DRSC03998			-2.55	-1.02	Single hit
DRSC04952			-1.74	0.06	Single hit
DRSC03750			-1.90	-0.22	Single hit
DRSC03860			-2.05	-0.14	Single hit
DRSC01800			-2.70	-0.37	Single hit
DRSC01798			-1.78	-0.09	Single hit
DRSC03947			-1.99	-0.01	Single hit
DRSC03851			-10.01	0.07	Single hit
DRSC03683			0.84	-3.05	Single hit
DRSC03937			0.56	-1.79	Single hit
DRSC03665			0.23	-6.57	Single hit
DRSC01767			-2.27	-0.46	Single hit
DRSC01729			-1.61	-0.69	Single hit
DRSC01695			-1.51	-0.51	Single hit
DRSC01581			-3.70	0.04	Single hit
DRSC01590			-1.57	-0.76	Single hit
DRSC01392			-2.09	-0.01	Single hit
DRSC01564			-2.40	-0.71	Single hit
DRSC01641			-2.44	-0.04	Single hit
DRSC01651			-1.52	-1.14	Single hit
DRSC01346			-2.01	-0.85	Single hit
DRSC01151			-2.55	-0.23	Single hit
DRSC01243			-2.59	-1.19	Single hit
DRSC01039			-1.56	-0.18	Single hit
DRSC01214			-1.58	-1.27	Single hit
DRSC01091			-3.11	-1.03	Single hit
DRSC01176			-2.80	-1.05	Single hit
DRSC01077			-3.48	-0.56	Single hit
DRSC01082			-3.18	-0.51	Single hit
DRSC00869			-0.02	-0.28	Single hit
DRSC00162			0.18	0.05	Single hit
DRSC00154			0.86	0.27	Single hit
DRSC00245			-1.58	-1.27	Single hit

DRSC00027			0.48	0.30	Single hit
DRSC00000			-0.17	0.61	Single hit
DRSC19661			-1.40	-2.07	Single hit
DRSC18003			-1.35	-1.88	Single hit
DRSC14730			-2.79	-0.98	Single hit
DRSC00000			-1.87	-0.63	Single hit
DRSC14826			-1.00	-2.63	Single hit
DRSC06354			-1.56	-0.99	Single hit
DRSC14460	CG11985	FBgn0040534	-4.28	-2.58	Splicing
DRSC12536	CG1249	FBgn0037434	-4.68	-3.00	Splicing
DRSC14729	CG1420	FBgn0039626	-7.00	-5.96	Splicing
DRSC02680	CG18591	FBgn0031962	-4.12	-4.26	Splicing
DRSC18492	CG3056	FBgn0024987	-1.64	-1.95	Splicing
DRSC00619	CG3605	FBgn0031493	-4.41	-2.82	Splicing
DRSC10559	CG5931	FBgn0036548	-4.09	-3.09	Splicing
DRSC10912	CG7757	FBgn0036915	-1.82	-3.21	Splicing
DRSC07293	CG8877	FBgn0033688	-4.58	-2.57	Splicing
DRSC19542	l(1)G0007	FBgn0026713	-1.81	-2.22	Splicing
DRSC14483	Arc92	FBgn0038760	-6.88	-4.16	Survival
DRSC11112	Cdc27	FBgn0012058	-5.90	-4.45	Survival
DRSC08841	CG10107	FBgn0035713	-4.31	-4.04	Survival
DRSC06059	CG11198	FBgn0033246	-6.05	-6.50	Survival
DRSC11663	CG11451	FBgn0037025	-4.01	-3.98	Survival
DRSC12180	CG1161	FBgn0037313	-1.89	-2.52	Survival
DRSC17794	CG11700	FBgn0029856	-7.33	-6.00	Survival
DRSC12186	CG12000	FBgn0037314	-4.93	-4.57	Survival
DRSC14471	CG12071	FBgn0039808	-1.24	-1.60	Survival
DRSC17830	CG12236	FBgn0029822	-4.18	-1.79	Survival
DRSC14515	CG12425	FBgn0039571	-2.99	-2.54	Survival
DRSC19458	CG12454	FBgn0040870	-5.05	-3.30	Survival
DRSC14526	CG12537	FBgn0038193	-1.72	-2.96	Survival
DRSC12011	CG12586	FBgn0037260	-1.93	-1.55	Survival
DRSC17874	CG12683	FBgn0040911	-2.80	-3.01	Survival
DRSC19496	CG12720	FBgn0030379	-2.93	-2.52	Survival
DRSC14558	CG12852	FBgn0039573	-3.93	-3.45	Survival
DRSC11687	CG12977	FBgn0037052	-1.97	-1.46	Survival
DRSC06355	CG13235	FBgn0040766	-3.63	-1.93	Survival
DRSC02245	CG13260	FBgn0032589	-2.79	-1.16	Survival
DRSC10032	CG13673	FBgn0040831	-2.17	-3.80	Survival
DRSC19555	CG14200	FBgn0031023	-4.90	-2.96	Survival
DRSC11719	CG14459	FBgn0037171	-5.00	-3.87	Survival
DRSC05695	CG14494	FBgn0040740	-3.96	-0.35	Survival
DRSC14861	CG14509	FBgn0039647	-0.83	-1.86	Survival
DRSC14935	CG14712	FBgn0037924	-2.34	-2.03	Survival
DRSC17958	CG14801	FBgn0024988	-1.74	-2.02	Survival
DRSC10192	CG14821	FBgn0035719	-2.54	-3.62	Survival
DRSC08440	CG14982	FBgn0035477	-3.15	-3.32	Survival
DRSC06526	CG15097	FBgn0034396	-3.45	-2.45	Survival
DRSC02458	CG15157	FBgn0032675	-4.29	-1.18	Survival

DRSC02467	CG15166	FBgn0032708	-4.30	-2.14	Survival
DRSC18038	CG15365	FBgn0030077	-4.51	-4.47	Survival
DRSC20526	CG15455	FBgn0031121	-9.01	-3.16	Survival
DRSC18053	CG15470	FBgn0029731	-2.67	-2.90	Survival
DRSC19706	CG15740	FBgn0030340	-4.11	-2.25	Survival
DRSC19718	CG15753	FBgn0030491	-4.94	-2.51	Survival
DRSC15152	CG16777	FBgn0037694	-2.90	-1.69	Survival
DRSC15165	CG16918	FBgn0039574	-3.14	-1.67	Survival
DRSC15166	CG16941	FBgn0038464	-5.01	-2.10	Survival
DRSC02603	CG17331	FBgn0032596	-6.30	-6.06	Survival
DRSC15247	CG17622	FBgn0038998	-2.80	-1.42	Survival
DRSC10280	CG17689	FBgn0036374	-3.46	-3.22	Survival
DRSC10285	CG17742	FBgn0035746	-2.46	-3.32	Survival
DRSC15282	CG17836	FBgn0038661	-2.53	-3.35	Survival
DRSC00535	CG2807	FBgn0031266	-4.97	-4.94	Survival
DRSC06127	CG30089	FBgn0050089	-6.32	-2.22	Survival
DRSC05769	CG30126	FBgn0050126	-4.72	-5.21	Survival
DRSC04256	CG30387	FBgn0050387	-3.54	-3.51	Survival
DRSC04017	CG30424	FBgn0050424	-2.41	-1.00	Survival
DRSC05553	CG30470	FBgn0050470	-2.85	-2.31	Survival
DRSC18272	CG3075	FBgn0029905	-4.52	-2.43	Survival
DRSC15840	CG31058	FBgn0051058	-3.23	-0.28	Survival
DRSC14670	CG31145	FBgn0051145	-2.27	-1.04	Survival
DRSC14371	CG31258	FBgn0051258	-2.09	-1.62	Survival
DRSC15724	CG31302	FBgn0051302	-2.86	-2.77	Survival
DRSC13530	CG31353	FBgn0051353	-2.31	-1.20	Survival
DRSC12788	CG31395	FBgn0051395	-5.04	-2.84	Survival
DRSC17160	CG31992	FBgn0051992	-1.31	-1.78	Survival
DRSC17135	CG31992	FBgn0051992	-2.24	-3.01	Survival
DRSC08991	CG32048	FBgn0052048	-3.96	-2.93	Survival
DRSC10157	CG32062	FBgn0052062	-3.14	-2.49	Survival
DRSC10275	CG32105	FBgn0052105	-1.86	-2.47	Survival
DRSC08593	CG32245	FBgn0052245	-2.59	-2.44	Survival
DRSC08061	CG32264	FBgn0052264	-1.59	-0.96	Survival
DRSC08333	CG32306	FBgn0052306	-2.02	-2.43	Survival
DRSC07938	CG32334	FBgn0052334	-2.08	-0.75	Survival
DRSC10041	CG32365	FBgn0052365	-2.66	-4.05	Survival
DRSC10977	CG32365	FBgn0052365	-3.16	-2.31	Survival
DRSC08748	CG32423	FBgn0052423	-4.75	-3.01	Survival
DRSC11704	CG32432	FBgn0052432	-2.22	-1.36	Survival
DRSC11703	CG32432	FBgn0052432	-3.89	-4.08	Survival
DRSC19001	CG32606	FBgn0052606	-5.14	-1.16	Survival
DRSC18442	CG32676	FBgn0052676	-1.54	-1.00	Survival
DRSC18052	CG32772	FBgn0052772	-3.86	-4.64	Survival
DRSC18119	CG32776	FBgn0052776	-5.94	-2.72	Survival
DRSC17892	CG32791	FBgn0052791	-1.53	-1.44	Survival
DRSC01162	CG32830	FBgn0052830	-4.53	-5.00	Survival
DRSC01163	CG32955	FBgn0052955	-2.20	-1.13	Survival
DRSC01375	CG32970	FBgn0052970	-3.09	-3.65	Survival

DRSC14694	CG33110	FBgn0053110	-1.56	-0.83	Survival
DRSC13053	CG33563	FBgn0038259	-2.95	-0.37	Survival
DRSC10394	CG3982	FBgn0035988	-2.58	-1.82	Survival
DRSC18349	CG4136	FBgn0029775	-2.97	-1.78	Survival
DRSC18516	CG4325	FBgn0026878	-0.88	-1.62	Survival
DRSC10410	CG4328	FBgn0036274	-2.20	-1.75	Survival
DRSC00038	CG4710	FBgn0031303	-0.64	-1.34	Survival
DRSC20123	CG5004	FBgn0030820	-2.87	-1.99	Survival
DRSC15713	CG5079	FBgn0039346	-2.19	-2.55	Survival
DRSC15808	CG5466	FBgn0038815	-4.04	-3.35	Survival
DRSC15890	CG5844	FBgn0038049	-3.78	-3.67	Survival
DRSC02922	CG6043	FBgn0032497	-4.77	-3.51	Survival
DRSC10696	CG6694	FBgn0035900	-4.84	-4.74	Survival
DRSC16178	CG7031	FBgn0039027	-2.56	-1.95	Survival
DRSC11813	CG7177	FBgn0037098	-2.34	-3.38	Survival
DRSC16225	CG7305	FBgn0038555	-3.14	-0.32	Survival
DRSC16257	CG7552	FBgn0038255	-3.97	-3.85	Survival
DRSC20052	CG7556	FBgn0030990	-1.87	-2.49	Survival
DRSC07061	CG8055	FBgn0033385	-2.56	-1.65	Survival
DRSC07091	CG8179	FBgn0034020	-3.32	-1.54	Survival
DRSC03201	CG9324	FBgn0032884	-6.09	-6.81	Survival
DRSC18446	CG9817	FBgn0030219	-4.06	-2.80	Survival
DRSC09005	dpr6	FBgn0040823	-4.28	-5.05	Survival
DRSC12339	eIF3-S10	FBgn0037249	-1.70	-3.36	Survival
DRSC21264	His2A:CG31618	FBgn0051618	-2.12	-2.41	Survival
DRSC21265	His2B:CG17949	FBgn0061209	-3.34	-3.60	Survival
DRSC03757	His2B:CG17949	FBgn0061209	-3.52	-3.27	Survival
DRSC03760	His-Psi:CR31616, His-Psi:CR31615		-3.25	-2.03	Survival
DRSC18495	Hr4	FBgn0023546	-3.71	-2.56	Survival
DRSC07159	I(2)05070	FBgn0010590	-5.97	-5.38	Survival
DRSC10739	Med21	FBgn0036811	-5.67	-5.96	Survival
DRSC19904	Nup153	FBgn0061200	-5.62	-5.14	Survival
DRSC19904	Nup153	FBgn0061200	-4.57	-3.91	Survival
DRSC07501	Pabp2	FBgn0005648	-3.95	-4.09	Survival
DRSC05792	par-1	FBgn0026193	-2.98	-3.07	Survival
DRSC16337	PP2A-B'	FBgn0042693	-3.81	-4.97	Survival
DRSC16801	Prosbeta3	FBgn0026380	-5.28	-4.63	Survival
DRSC07517	Prosbeta5	FBgn0029134	-4.54	-4.65	Survival
DRSC11947	Qm	FBgn0024733	-2.50	-3.80	Survival
DRSC08434	Rdh	FBgn0064227	-3.78	-2.40	Survival
DRSC08063	Rdh	FBgn0064227	-4.81	-3.68	Survival
DRSC11274	Rpn1	FBgn0028695	-4.50	-4.36	Survival
DRSC03422	Rpn11	FBgn0028694	-9.19	-5.80	Survival
DRSC11275	Rpn12	FBgn0028693	-6.39	-6.14	Survival
DRSC16839	Rpn2	FBgn0028692	-8.11	-6.80	Survival
DRSC16841	Rpn7	FBgn0028688	-6.72	-4.29	Survival
DRSC20283	Rpt3	FBgn0028686	-4.61	-3.98	Survival
DRSC03611	smt3	FBgn0026170	-3.37	-3.41	Survival
DRSC10025	Sox21b	FBgn0042630	-2.58	-1.22	Survival

DRSC10578	TORC	FBgn0036746	-1.39	-2.93	Survival
DRSC15105			-2.97	-5.36	Survival
DRSC08703			-6.54	-8.00	Survival
DRSC01970			-4.19	-2.92	Survival
DRSC20771			-2.17	-2.42	Survival
DRSC20451			-4.70	-3.85	Survival
DRSC17588			-2.54	-2.14	Survival
DRSC18963			-2.31	-2.34	Survival
DRSC18953			-4.11	-3.66	Survival
DRSC17639			-1.86	-2.28	Survival
DRSC17532			-2.39	-2.14	Survival
DRSC17612			-4.14	-4.97	Survival
DRSC17608			-1.72	-1.60	Survival
DRSC17397			-1.57	-1.77	Survival
DRSC17506			-3.46	-4.93	Survival
DRSC18895			-2.23	-2.43	Survival
DRSC17394			-4.85	-2.79	Survival
DRSC17379			-2.48	-2.28	Survival
DRSC17248			-5.36	-3.49	Survival
DRSC17246			-2.67	-1.53	Survival
DRSC13978			-3.79	-3.05	Survival
DRSC13945			-2.17	-2.49	Survival
DRSC13740			-3.69	-3.12	Survival
DRSC13619			-2.72	-2.28	Survival
DRSC13399			-4.27	-1.98	Survival
DRSC13298			-4.78	-4.40	Survival
DRSC13286			-4.89	-5.24	Survival
DRSC13271			-4.09	-3.74	Survival
DRSC13109			-2.10	-2.01	Survival
DRSC13095			-2.97	-1.73	Survival
DRSC13190			-2.83	-2.42	Survival
DRSC13174			-3.36	-3.72	Survival
DRSC13139			-3.19	-2.56	Survival
DRSC12841			-3.88	-2.61	Survival
DRSC12838			-3.63	-2.34	Survival
DRSC12734			-3.30	-1.86	Survival
DRSC12796			-5.45	-3.08	Survival
DRSC12666			-3.56	-2.74	Survival
DRSC12050			-2.35	-2.57	Survival
DRSC09271			-2.73	-1.56	Survival
DRSC09354			-4.09	-4.42	Survival
DRSC09409			-3.06	-1.59	Survival
DRSC09315			-2.48	-2.48	Survival
DRSC09394			-2.27	-3.78	Survival
DRSC09206			-3.15	-2.99	Survival
DRSC09077			-3.10	-2.97	Survival
DRSC09076			-2.81	-1.78	Survival
DRSC09069			-3.01	-2.37	Survival
DRSC09067			-2.51	-1.64	Survival

DRSC09009			-3.02	-3.79	Survival
DRSC08919			-4.70	-4.10	Survival
DRSC08800			-2.80	-2.29	Survival
DRSC08772			-4.13	-3.54	Survival
DRSC08770			-2.49	-1.82	Survival
DRSC08080			-2.85	-1.87	Survival
DRSC08055			-1.86	-1.53	Survival
DRSC08120			-3.40	-1.65	Survival
DRSC07932			-3.82	-4.08	Survival
DRSC05874			-3.03	-2.06	Survival
DRSC05871			-3.00	-3.52	Survival
DRSC05860			-3.65	-3.01	Survival
DRSC05772			-2.77	-4.08	Survival
DRSC05853			-4.39	-6.89	Survival
DRSC05818			-2.90	-1.84	Survival
DRSC05623			-4.13	-2.51	Survival
DRSC05803			-3.09	-2.17	Survival
DRSC05715			-3.96	-4.55	Survival
DRSC05585			-4.31	-1.59	Survival
DRSC05535			-4.23	-3.29	Survival
DRSC05231			-3.75	-1.78	Survival
DRSC05501			-3.13	-2.13	Survival
DRSC05108			-3.70	-3.64	Survival
DRSC05209			-4.43	-3.30	Survival
DRSC05195			-1.90	-1.79	Survival
DRSC05177			-2.79	-2.65	Survival
DRSC04814			-3.13	-1.52	Survival
DRSC04011			-2.31	-1.58	Survival
DRSC01595			-3.17	-1.97	Survival
DRSC01699			-2.22	-1.84	Survival
DRSC01452			-3.99	-3.21	Survival
DRSC01059			-4.23	-2.66	Survival
DRSC01296			-4.80	-6.52	Survival
DRSC01284			-2.02	-2.42	Survival
DRSC01088			-2.79	-1.97	Survival
DRSC19637			-3.70	-2.86	Survival
DRSC17926			-4.11	-2.76	Survival
DRSC14674			-4.32	-3.70	Survival
DRSC14786			-3.77	-2.58	Survival
DRSC14333			-9.40	-3.20	Survival
DRSC01970			-2.87	-1.81	Survival
DRSC00267	Arc105	FBgn0027592	-3.60	-3.55	Transcription
DRSC06426	Arc32	FBgn0034503	-3.77	-3.57	Transcription
DRSC17126	Arc70	FBgn0039923	-3.53	-3.11	Transcription
DRSC17148	Arc70	FBgn0039923	-2.39	-3.61	Transcription
DRSC04085	CG10955	FBgn0034722	-2.34	-2.32	Transcription
DRSC20498	CG1379	FBgn0031124	-2.39	-3.40	Transcription
DRSC18561	CG16903	FBgn0040394	-2.34	-1.70	Transcription
DRSC10385	CG3891	FBgn0035993	-3.39	-4.37	Transcription

DRSC06936	CG5482	FBgn0034368	-4.78	-5.23	Transcription
DRSC20029	CG7274	FBgn0030965	-1.64	-2.83	Transcription
DRSC16291	CG7698	FBgn0038636	-1.66	-2.47	Transcription
DRSC07120	CG8241	FBgn0033898	-4.53	-3.62	Transcription
DRSC16566	CG9797	FBgn0037621	-2.36	-2.69	Transcription
DRSC18419	dalao	FBgn0030093	-1.74	-1.57	Transcription
DRSC21267	His3:CG31613	FBgn0051613	-1.66	-1.78	Transcription
DRSC05983	I(2)k08015	FBgn0022063	-3.82	-2.42	Transcription
DRSC15721	Med23	FBgn0039337	-3.70	-3.09	Transcription
DRSC16500	Med6	FBgn0024330	-3.35	-2.91	Transcription
DRSC16059	Med7	FBgn0051390	-5.42	-4.75	Transcription
DRSC19789	mRNA-capping-enz	FBgn0030556	-2.56	-5.26	Transcription
DRSC11217	MTF-1	FBgn0040305	-3.44	-3.23	Transcription
DRSC14209	Nup98	FBgn0039120	-3.28	-2.47	Transcription
DRSC14210	Nup98	FBgn0039120	-1.63	-2.61	Transcription
DRSC10474	Nut2	FBgn0036581	-4.57	-5.24	Transcription
DRSC08712	Patj	FBgn0067864	-6.03	-6.11	Transcription
DRSC04435	pita	FBgn0034878	-2.21	-2.02	Transcription
DRSC06100	Rpb5	FBgn0033571	-4.23	-4.90	Transcription
DRSC16068	Rpb7	FBgn0051155	-4.88	-4.55	Transcription
DRSC11642	Rpb8	FBgn0037121	-3.37	-4.41	Transcription
DRSC07552	Sin3A	FBgn0022764	-1.91	-2.68	Transcription
DRSC18836	Spt6	FBgn0028982	-4.37	-3.60	Transcription
DRSC10954	Su(Tpl)	FBgn0014037	-3.01	-2.53	Transcription
DRSC07082	Tfb1	FBgn0033929	-1.74	-1.88	Transcription
DRSC10913	Tfb2	FBgn0036513	-1.79	-1.70	Transcription
DRSC10944	Trap100	FBgn0035851	-5.61	-4.50	Transcription
DRSC11014	Trap36	FBgn0035754	-5.50	-4.23	Transcription
DRSC16889	Trap80	FBgn0038578	-4.26	-3.94	Transcription
DRSC02179	CG12750	FBgn0032678	-3.47	-1.93	Translation
DRSC05356	CG33009_spt4	CG33009: FBgn	0.26	-9.37	Translation
DRSC15662	CG4849	FBgn0039566	-4.19	-2.67	Translation
DRSC10475	CG5064	FBgn0035947	-1.63	-1.93	Translation
DRSC15948	CG6015	FBgn0038927	-4.88	-2.66	Translation
DRSC18427	CG8636	FBgn0029629	-2.88	-3.58	Translation
DRSC03153	CG9175	FBgn0031779	-2.09	-3.54	Translation
DRSC16659	Ef1gamma	FBgn0029176	-2.19	-2.30	Translation
DRSC06905	eIF3-S8	FBgn0034258	-3.14	-1.74	Translation
DRSC18175	Med24	FBgn0040339	-3.21	-3.06	Translation
DRSC16223	Rrp6	FBgn0038269	-3.50	-3.93	Translation
DRSC04506	Trap95	FBgn0034707	-6.95	-5.51	Translation

DRSC Amplicon	Gene name	FlybaseGeneName or HDC	HRP secretion normalized to control (2ndary screen)	Golgi morphology Class	Reason for exclusion
DRSC07249	CG11198	FBgn0033246	0.06	A	Lipid metabolism
DRSC00268	CG3523	FBgn0027571	0.08	A	Lipid metabolism
DRSC11165	Fad2	FBgn0029172	0.09	A	Lipid metabolism
DRSC16704	Hmgcr	FBgn0001205	0.01	A	Lipid metabolism
DRSC06866	Hmgs	FBgn0010611	0.17	A	Lipid metabolism
DRSC04907	SCAP	FBgn0033052	0.22	A	Lipid metabolism
DRSC11321	alphaTub67C	FBgn0004236	0.35	B	Cytoskeleton
DRSC12622	alphaTub84B	FBgn0003884	0.17	B	Cytoskeleton
DRSC07583	betaTub56D	FBgn0003887	0.28	B	Cytoskeleton
DRSC15666	betaTub97EF	FBgn0003890	0.38	B	Cytoskeleton
DRSC19338	CG6842	FBgn0027605	0.08	B	Endocytosis
DRSC06787	CG1874	FBgn0033425	0.15	C	Transcription
DRSC17856	CG12650	FBgn0040932	0.10	D	Duplicate dsRNA
DRSC17705	CG32797, CG32733	FBgn0052733, FBgn0052797	0.33	D	Duplicate dsRNA
DRSC10585	CG33269	FBgn0053269	1.63	D	Duplicate dsRNA
DRSC16668	desat1	FBgn0043044	0.02	D	Lipid metabolism
DRSC19432	CG11943	FBgn0031078	0.30	D	Nuclear pore
DRSC14886	CG14542	FBgn0039402	0.15	D	Ortholog of Vps2
DRSC06808	CSN7	FBgn0028836	0.23	D	Protein degradation
DRSC16940	eff	FBgn0011217	0.12	D	Protein degradation

DRSC18483	Roc1a	FBgn0025638	0.16	D	Protein degradation
DRSC08703	Ubiquitin-63E	HDC08326	0.01	D	Protein degradation
DRSC20253	Hsc70-3	FBgn0001218	0.10	D	Protein folding
DRSC16711	Hsc70-4	FBgn0001219	0.09	D	Protein folding
DRSC21246	Hsp70Ab, Hsp70Aa	Hsp70Ab: FBgn0013276, Hsp70Aa: FBgn0013275	0.37	D	Protein folding
DRSC21247	Hsp70Ba, Hsp70Bc, Hsp70Bb, Hsp70Bbb	FBgn0013278, FBgn0013277, FBgn0013279, FBgn0051354	0.24	D	Protein folding
DRSC21248	Hsp70Ba, Hsp70Bc, Hsp70Bb, Hsp70Bbb	FBgn0013278, FBgn0013277, FBgn0013279, FBgn0051354	0.24	D	Protein folding
DRSC10516	CG5546	FBgn0036761	0.11	D	Protein translation
DRSC05050	CG11166	FBgn0033166	0.34	D	Transcription
DRSC06811	CG2063	FBgn0033400	0.04	D	Transcription
DRSC11340	msk	FBgn0026252	0.26	D	Transcription
DRSC13081	Su(var)3-9	FBgn0003600	0.26	D	Transcription
DRSC17045	rin	FBgn0015778	0.05	D	Translation
DRSC07291	CG8860	FBgn0033691	0.11	D	Translocation
DRSC12367	Rpn5	FBgn0028690	0.05	D	Translocation
DRSC11289	Srp54k	FBgn0010747	0.07	D	Translocation
DRSC12387	sec23	FBgn0037357	0.97	N/A	Duplicate dsRNA

DRSC12148	Rheb	FBgn0041191	0.10	N/A	Metabolism
DRSC00845	ACXB	FBgn0040509	2.28	N/A	Not repeating
DRSC15899	AP-1sigma	FBgn0039132	1.22	N/A	Not repeating
DRSC09867	Ard1	FBgn0036064	0.82	N/A	Not repeating
DRSC13457	Calx	FBgn0013995	0.76	N/A	Not repeating
DRSC09506	Ccn	FBgn0052183	0.47	N/A	Not repeating
DRSC09703	CG10133	FBgn0036366		N/A	Not repeating
DRSC06014	CG10927	FBgn0034360	0.87	N/A	Not repeating
DRSC19385	CG11138	FBgn0030400	1.32	N/A	Not repeating
DRSC08181	CG11350	FBgn0035552	0.74	N/A	Not repeating
DRSC14378	CG11769	FBgn0038441		N/A	Not repeating
DRSC08253	CG12099	FBgn0035232	2.01	N/A	Not repeating
DRSC17835	CG12462	FBgn0029675	0.98	N/A	Not repeating
DRSC14535	CG12710	FBgn0040630	0.93	N/A	Not repeating
DRSC14552	CG12814	FBgn0037796	0.77	N/A	Not repeating
DRSC06343	CG13222	FBgn0033602	0.61	N/A	Not repeating
DRSC06388	CG13426	FBgn0034510	0.95	N/A	Not repeating
DRSC14600	CG1359	FBgn0039753	1.33	N/A	Not repeating
DRSC08325	CG13716	FBgn0035563	0.85	N/A	Not repeating
DRSC08326	CG13717	FBgn0035562	0.50	N/A	Not repeating
DRSC08364	CG13894	FBgn0035157	0.67	N/A	Not repeating
DRSC08407	CG13938	HDC08011	2.99	N/A	Not repeating
DRSC02342	CG14010	FBgn0031725	2.23	N/A	Not repeating
DRSC19585	CG14229	FBgn0031059	0.54	N/A	Not repeating

DRSC12653	CG14463	FBgn0037535	0.65	N/A	Not repeating
DRSC06466	CG14495	FBgn0034293	1.80	N/A	Not repeating
DRSC12247	CG14661	FBgn0037288	0.85	N/A	Not repeating
DRSC08460	CG15006	FBgn0035510	0.93	N/A	Not repeating
DRSC19653	CG15207	FBgn0030248	0.90	N/A	Not repeating
DRSC10226	CG16793	FBgn0036712	0.78	N/A	Not repeating
DRSC02621	CG17470	FBgn0032869	0.92	N/A	Not repeating
DRSC15323	CG18404	FBgn0039761	0.78	N/A	Not repeating
DRSC06758	CG18467	FBgn0034218	1.26	N/A	Not repeating
DRSC06771	CG18604	FBgn0034378	0.51	N/A	Not repeating
DRSC15373	CG18682	FBgn0040625	0.89	N/A	Not repeating
DRSC12295	CG2023	FBgn0037383	1.62	N/A	Not repeating
DRSC19851	CG2471	FBgn0030357	0.59	N/A	Not repeating
DRSC19866	CG2691	FBgn0030504	0.84	N/A	Not repeating
DRSC03971	CG30194	FBgn0050194	1.02	N/A	Not repeating
DRSC16144	CG31161	FBgn0051161	1.26	N/A	Not repeating
DRSC13438	CG31205	FBgn0051205	0.83	N/A	Not repeating
DRSC00456	CG31665	FBgn0051665	2.88	N/A	Not repeating
DRSC01991	CG31705	FBgn0028490	0.76	N/A	Not repeating
DRSC01336	CG31814	FBgn0051814	0.80	N/A	Not repeating
DRSC09074	CG32080	FBgn0052080	0.62	N/A	Not repeating
DRSC09574	CG32204	FBgn0052204	0.71	N/A	Not repeating
DRSC07967	CG32308	FBgn0052308	0.81	N/A	Not repeating
DRSC19368	CG32626	FBgn0052626	1.08	N/A	Not repeating

DRSC19788	CG32654	FBgn0052654	1.63	N/A	Not repeating
DRSC10965	CG33205	FBgn0053205	0.64	N/A	Not repeating
DRSC15505	CG3669	FBgn0039838	1.51	N/A	Not repeating
DRSC10448	CG4780	FBgn0035602	1.24	N/A	Not repeating
DRSC02819	CG5149	FBgn0031904	0.66	N/A	Not repeating
DRSC15782	CG5376	FBgn0038977	0.56	N/A	Not repeating
DRSC08568	CG5687	FBgn0035293	0.55	N/A	Not repeating
DRSC02883	CG5731	FBgn0032192	0.82	N/A	Not repeating
DRSC15945	CG6005	FBgn0038672	0.85	N/A	Not repeating
DRSC02974	CG6614	FBgn0032369	0.73	N/A	Not repeating
DRSC10762	CG7017	FBgn0036951	1.76	N/A	Not repeating
DRSC16192	CG7079	FBgn0038849	1.14	N/A	Not repeating
DRSC14164	CG7242	FBgn0040494	0.62	N/A	Not repeating
DRSC10886	CG7580	FBgn0036728	0.91	N/A	Not repeating
DRSC16397	CG8223	FBgn0037624	0.55	N/A	Not repeating
DRSC11041	CG8765	FBgn0036900	0.55	N/A	Not repeating
DRSC16570	CG9821	FBgn0037636	0.60	N/A	Not repeating
DRSC03948	Dnr1	FBgn0034738	2.04	N/A	Not repeating
DRSC05039	esn	FBgn0028642	0.55	N/A	Not repeating
DRSC17308	Fas2	FBgn0000635	1.05	N/A	Not repeating
DRSC07430	G-alpha47A	FBgn0001122	0.65	N/A	Not repeating
DRSC20911	Gr22b	FBgn0045500	0.54	N/A	Not repeating
DRSC17940	Grip	FBgn0029830	0.53	N/A	Not repeating
DRSC12628	lap	FBgn0026210	0.45	N/A	Not repeating

DRSC16987	IdlCp	FBgn0026634	0.62	N/A	Not repeating
DRSC07463	Mgat1	FBgn0034521	2.28	N/A	Not repeating
DRSC09117	Mob1	FBgn0036172	0.81	N/A	Not repeating
DRSC02479	mol	FBgn0028528	1.57	N/A	Not repeating
DRSC01431	mol	FBgn0028528	0.51	N/A	Not repeating
DRSC11217	MTF-1	FBgn0040305	0.65	N/A	Not repeating
DRSC03080	Pvr	FBgn0032006	0.53	N/A	Not repeating
DRSC02365	qtc	FBgn0028572	2.21	N/A	Not repeating
DRSC16814	Ras85D	FBgn0003205		N/A	Not repeating
DRSC07548	Sec61beta	FBgn0010638	1.89	N/A	Not repeating
DRSC07548	Sec61beta	FBgn0010638	0.87	N/A	Not repeating
DRSC09625	Shal	FBgn0005564	0.93	N/A	Not repeating
DRSC05459	shot	FBgn0013733	1.05	N/A	Not repeating
DRSC07684	sli	FBgn0003425	2.48	N/A	Not repeating
DRSC11285	Snap	FBgn0011712		N/A	Not repeating
DRSC03439	Sos	FBgn0001965	1.08	N/A	Not repeating
DRSC17072	stich1	FBgn0016941	1.24	N/A	Not repeating
DRSC06191	Tsp42Ef	FBgn0033127	2.11	N/A	Not repeating
DRSC07416	Ugt37c1	FBgn0026754	2.97	N/A	Not repeating
DRSC18099		HDC17674	2.17	N/A	Not repeating
DRSC18914		HDC18549	0.62	N/A	Not repeating
DRSC18937		HDC18584	0.63	N/A	Not repeating
DRSC06153	ths	FBgn0033652	0.56	N/A	Repeatability
DRSC14276	CG10883	FBgn0038781	0.06	N/A	Survival

DRSC06212	CG12897	FBgn0033517	0.18	N/A	Survival
DRSC06219	CG12904	FBgn0033510	0.22	N/A	Survival
DRSC06227	CG12912	FBgn0033497	0.06	N/A	Survival
DRSC06292	CG13165	FBgn0033707	0.36	N/A	Survival
DRSC04191	CG13550	FBgn0034853	0.09	N/A	Survival
DRSC10034	CG13675	FBgn0035845	0.09	N/A	Survival
DRSC19570	CG14214	FBgn0031049	0.03	N/A	Survival
DRSC14759	CG14264	FBgn0039512	0.02	N/A	Survival
DRSC06465	CG14494	FBgn0040740	0.12	N/A	Survival
DRSC06475	CG14504	HDC07114	0.37	N/A	Survival
DRSC18006	CG15321	FBgn0030150	0.08	N/A	Survival
DRSC11739	CG15869	FBgn0052425	0.20	N/A	Survival
DRSC06560	CG30460	FBgn0050460	0.31	N/A	Survival
DRSC14973	CG31330	FBgn0051330	0.03	N/A	Survival
DRSC20473	CG32514	FBgn0052514	0.07	N/A	Survival
DRSC09116	CG33272	FBgn0053272	0.17	N/A	Survival
DRSC09115	CG33500	FBgn0053500	0.12	N/A	Survival
DRSC18359	CG4320	FBgn0029840	0.21	N/A	Survival
DRSC09359	HDC10249	HDC10249	0.06	N/A	Survival
DRSC20364	ran	FBgn0020255	0.07	N/A	Survival
DRSC07344	Rgk1	FBgn0034434	0.09	N/A	Survival
DRSC10203	unc-13-4A	FBgn0035756	0.04	N/A	Survival

Gene name	FlybaseGeneNb or HDC	HRP secretion normalized to control secondary screen	Golgi morphology Class	Putative domains found	Hs homolog name
Arf79F	FBgn0010348	0.33	A		ADP-ribosylation factor 1
beta'Cop	FBgn0025724	0.08	A	WD-40 repeat	beta prime COP
comt	FBgn0000346	0.03	A	AAA-protein subdomain	NSF-1
deltaCOP	FBgn0028969	0.09	A	Mu2 adaptin subunit	archain 1
gammaCop	FBgn0028968	0.02	A	Adaptin, Armadillo-like helical	gammaCOP
garz	FBgn0033714	0.06	A	SEC7-like	GBF1
Rab1	FBgn0016700	0.01	A	Ras small GTPase	RAB1A
sar1	FBgn0038947	0.54	A	Ras GTPase	Sar1
sec23	FBgn0037357	0.18	A	Sec23/Sec24 domains	Sec23 homolog A
Sec61alpha	FBgn0026571	0.07	A	SecY protein	Sec61 alpha 2 subunit
Slh	FBgn0015816	0.12	A	Sec1-like protein	sec1 family domain containing 1
Syx18	FBgn0039212	0.22	A	t-snare	Syntaxin 18
Syx5	FBgn0011708	0.17	A	t-snare	syntaxin 5A
TER94	FBgn0024923	0.10	A	AAA-protein subdomain	valosin-containing protein
zetaCOP	FBgn0040512	0.02	A	Clatrin adaptor complex	zetaCOP
Gtp-bp	FBgn0010391	0.40	A	SRP, alpha subunit	SRP receptor
Arf102F	FBgn0013749	0.02	A	ARF/SAR superfamily	ADP-ribosylation factor 5
CG14084	FBgn0036855	0.01	A	t-SNARE	BET1
CG3911	FBgn0035992	0.36	A		TRAPP3 (BET3 homolog)
CG14181	FBgn0035965	0.15	A		Use1 homolog
CG12444	FBgn0033651	0.27	A		NF

CG2446	FBgn0030328	0.30	A		NF
CG11098	FBgn0031842	0.20	A	SH3	ENSG00000154305
CG11176	FBgn0030503	0.19	A	DUF833	ENSG00000183597
CG1796	FBgn0030365	0.09	A	WD-40 repeat	PRL1 homolog
CG32332	FBgn0052332	0.29	A		KRTAP5-8
CG32675	FBgn0052675	0.49	A		TMEM49
CG40125	FBgn0058125	0.39	A		NF
CG4699	FBgn0038364	0.12	A	coiled-coiled	LOC284058
CG8605	FBgn0035762	0.17	A		Rad50-interacting protein 1
HDC15759	HDC15759	0.04	A		NF
(1)G0155	FBgn0026664	0.25	B	Longin, Synaptobrevin	YKT6
cactin	FBgn0031114	0.08	B	TM, coiled-coil	ENSG00000105298
pgant6	FBgn0035375	0.57	B	Glycosyl-Transferase	GalNAc-T10
Sse	FBgn0035627	0.16	B	Peptidase, t-RNA binding	ESPL1
tun	FBgn0050084	0.26	B	Zn-binding, LIM, ZASP, PDZ	ENH (ENSG00000163110)
Pitslre	FBgn0016696	0.06	B	Serine/threonine kinase	CDC2L2(ENSG00000008128)
CG10324	FBgn0038454	0.10	B		GPKOW(ENSG000000068394)
CG11990	FBgn0037657	0.23	B		HRPT2 (ENSG00000134371)
CG13625	FBgn0039210	0.34	B		ENSG00000137656
CG13779	FBgn0040954	0.26	B	DSS1/SEM1	SHFM1
CG15690	FBgn0038825	0.12	B		NF
CG18398	FBgn0032728	0.19	B		NF
CG2685	FBgn0024998	0.08	B		WBP11

CG4454	FBgn0032105	0.47	B		Borealin
CG4738	FBgn0032347	0.43	B		Nucleoporin 160kDa
CG8309	FBgn0033902	0.22	B	Phosphohydrolase HD, PINT	ENSG00000149100
CG8435	FBgn0034084	0.11	B		ENSG00000105248
CG9667	FBgn0037550	0.29	B		ENSG00000172780
l(3)03670	FBgn0010808	0.42	B		ENSG00000159685
HDC03751	HDC03751	0.52	B		NF
Klp61F	FBgn0004378	0.36	C	Kinesin motor	kinesin family member 11
tsr	FBgn0011726	0.25	C	Actin binding	Destrin
mts	FBgn0004177	0.09	C	Ser-Thr Phosphatase	P2AB Phosphatase 2A beta
CG5674	FBgn0032656	0.30	C		NF
CG14503	FBgn00040737	0.36	C		NF
CG33269	FBgn0053269	0.12	C		NF
CG33303	FBgn0053303	0.54	D	Ribophorin I	RPN1 (Ribophorin1)
CG6370	FBgn0034277	0.44	D	Ribophorin II	RPN2
KdelR	FBgn0022268	0.17	D	KDEL receptor	KDELRL1
Rab11	FBgn0015790	0.09	D	Rab	Rab11
CG3248	FBgn0031536	0.46	D		COG3
CanA-14F	FBgn0030758	0.18	D	Ser/Thr phosphatase	PPP3CA
dos	FBgn0016794	0.24	D	Pleckstrin homology-type	Gab2
Doa	FBgn0053553	0.09	D	Ser-Thr kinase	CLK2
Jon99Ciii	FBgn0003357	0.37	D	Peptidase S1	chymotrypsin C
Lsd-2	FBgn0030608	0.19	D	Perilipin	Adipophilin

M(2)21AB	FBgn0005278	1.20	D	S-adenosylmet synthetase	methionine adenosyltransferase II
p130CAS	FBgn0035101	0.69	D	HPr serine phosphorylation site	p130CAS
pst	FBgn0035770	0.11	D		NF
puc	FBgn0004210	0.37	D	Dual spec. phosphatase	dual spec. phosphatase 10
stet	FBgn0020248	0.53	D	Ca2+bind. EF hand, Rhomboid-like	RHBDL4
Tektin-C	FBgn0035638	0.51	D	Tektin	tektin 1
Mo25	FBgn0017572	0.15	D	Armadillo-like helical	calcium binding protein 39
dmt	FBgn0016792	0.18	D		NF
l(2)k00619	FBgn0031312	0.41	D		ENSG00000183455
CG1098	FBgn0027497	0.35	D	Protein kinase	NRBP
CG16918	FBgn0039574	0.41	D	Peptidase S1	NF
CG17233	FBgn0036958	1.42	D	coiled-coiled	ENSG00000159685
CG32000	FBgn0052000	0.18	D	ATPase	ENSG00000133657
CG4835	FBgn0035607	0.08	D	Peritrophin-A	NF
CG10007	FBgn0037971	0.00	D	TM	C2orf18
CG10686	FBgn0045828	0.14	D	Cyclin-like, DOPAD4 receptor	ENSG00000105216
CG11517	FBgn0040622	0.22	D		NF
CG12650	FBgn0040932	0.43	D		NF
CG13154	FBgn0033736	0.49	D		NF
CG14247	FBgn0039454	0.11	D		NF
CG14496	FBgn0034297	0.23	D		NF
CG14542	FBgn0039402	0.15	D		BRCA2 (ENSG00000130724)
CG14842	FBgn0038229	0.17	D		NF

CG15494	FBgn0040971	2.29	D		NF
CG15777	FBgn0029781	0.03	D		NF
CG17202	FBgn0038043	0.23	D		NF
CG17304	FBgn0038267	0.03	D		NF
CG1841	FBgn0030330	0.43	D		Galectin-3 binding protein
CG18445	FBgn0033476	0.16	D		OACT2
CG18561	FBgn0032301	0.12	D		NF
CG30404	FBgn0050404	0.48	D	DUF800	C2orf33 (ENSG00000168958)
CG31052	FBgn0051052	0.09	D	Sodium/hydrogen exchanger	NF
CG31291	FBgn0051291	0.32	D	coiled-coiled	ENSG00000054282
CG31461	FBgn0051461	0.91	D		NF
CG31763	FBgn0051763	0.48	D		NF
CG31775	FBgn0028537	0.51	D		NF
CG31781	FBgn0051781	0.49	D		NF
CG32632	FBgn0052632	0.25	D	Sulfotransferase	TPST1
CG32797, CG32733	FBgn0052733, FBgn0052797	0.35	D		NF
CG3838	FBgn0032130	0.47	D	MADF, BESS motif	NF
CG5174	FBgn0034345	0.65	D	coiled-coiled	TPD52L2
CG7214	FBgn0031940	0.38	D		NF
CG7282	FBgn0030967	0.11	D		NF
CG8929	FBgn0034504	0.16	D		NF
CG9119	FBgn0035189	1.04	D		PTD012 (ENSG00000182919)
HDC02008	HDC02008	1.20	D		NF

HDC02682	HDC02682	0.42	D		NF
HDC02698	HDC02698	0.70	D		NF
HDC07387	HDC07387	0.54	D		NF
HDC09407	HDC09407	0.33	D		NF
HDC09480	HDC09480	0.18	D		NF
HDC09508	HDC09508	0.20	D		NF
HDC10626	HDC10626	0.26	D		NF
HDC10995	HDC10995	0.30	D		NF
HDC11022	HDC11022	0.42	D		NF
HDC12410	HDC12410	0.39	D		NF
HDC13485	HDC13485	0.13	D		NF
HDC14006	HDC14006	0.29	D		NF
HDC15018	HDC15018	0.09	D		NF
HDC15982	HDC15982	0.04	D		NF
HDC17875	HDC17875	0.31	D		NF
HDC18445	HDC18445	0.19	D		NF
HDC20186	HDC20186	0.41	D		NF