

Supplementary Table 2. List of RNAi strains for the 1st screen (crossed with btl-Gal4)

(n.d.: not determined, colored in red: smaller than 70 at day 8)

BDSC#	gene	Lethal stage	Number of pupae				Notes
			day 5	day6	day 7	day 8	
38282	Abp1		0	38	124	124	
34874	Actn		0	22	95	124	
26737	Actn3		0	44	128	128	
38272	AnxB10		0	38	121	121	
41880	AnxB10		0	4	69	141	
38311	AnxB11		0	13	105	124	
38523	AnxB9		0	52	124	124	
58111	AnxB9		0	29	95	100	
31246	Arpc1	Pupa (semi)	0	37	102	112	
28011	Arpc2		0	2	63	103	
27044	Arpc3A	Pupa	0	10	41	117	
27528	Arpc3B	Pupa	0	15	79	124	
41888	Arpc4	Early pupa	3	36	84	146	
28372	bif		0	9	98	96	
67354	bnk		0	37	111	119	
31545	bt		0	9	92	100	
31546	bt		0	18	112	121	
38288	by		0	29	92	100	
33010	capt	Pupa	0	15	98	106	
32922	capu		0	25	116	116	
65245	CG14964		0	17	110	110	
38538	CG15097		0	41	95	100	
62361	CG1674		0	31	95	124	
64966	CG32264		0	32	100	100	
58278	CG34417		0	37	99	100	
65945	CG3630	Larva	0	0	0	0	
64017	CG5023		0	22	116	116	
61859	CG5921		0	21	94	100	
38226	CG6873		0	40	117	117	
33877	CG8397		0	22	87	141	
57230	CG8726		0	13	96	100	
38946	CG9426		0	12	91	100	
62377	Chd64	Larva	0	21	95	99	Gentotypeded after hatch
34523	chic	Larva	0	1	6	21	
28003	cib	Pupa	0	2	60	114	
41690	ck		0	32	95	100	
31265	CLIP-190		0	23	91	100	
28933	cora	Larva	0	22	60	69	
40841	coro	Early pupa	0	3	46	128	
65933	coro		0	44	98	99	
41952	cpb		0	18	86	106	
50954	cpb	Larva (semi)	0	2	14	19	
33754	d		0	6	91	134	
39058	DAAM	Larva	0	0	0	n.d.	
38940	dbo		0	50	83	84	
33424	dia	Larva	0	0	0	n.d.	
28541	dia	Pupa (semi)	51	104	109	n.d.	
55740	didum		0	5	70	97	

32860	dome		0	8	72	130	
34618	dome		0	26	105	137	
31553	Dys		0	20	81	93	
42939	Ehbp1	Pupa	0	27	120	120	
64488	Ehbp1	Pupa	0	13	75	121	
39034	ena		0	29	110	110	
41687	f		1	44	76	170	
51391	Fhos		1	18	85	132	
32936	Fim		3	30	74	81	
33977	Fim		6	46	127	127	
27566	flil	Pupa (semi)	0	12	109	109	
31145	flr		0	12	108	139	
32398	form3	Larva	0	26	79	81	Genotyped after hatch
32447	Frl		0	6	97	167	
41704	Gel		0	4	87	157	
51452	GMF		0	14	93	88	
32504	Hip1		1	19	89	117	
38377	Hip1		0	44	44	128	
44029	Hsp23		0	9	76	159	
28064	jar	Pupa (semi)	0	1	50	155	
39070	jbug		0	4	77	130	
32923	jub	Larva	0	0	0	0	
41938	jub		0	2	70	107	
40932	Keap1	Larva	0	37	86	86	Genotyped after hatch
57801	Keap1		0	29	100	167	
55612	kel		0	43	105	145	
38352	KLHL18		0	18	90	136	
33933	kst		0	6	73	129	
26305	Lasp		0	59	111	165	
34958	Mer		2	15	77	142	
35729	Mhc		0	33	168	168	
62973	Mhcl		0	11	56	110	
31148	Mical		0	23	95	158	
28595	MICAL-like		0	57	132	149	
38246	mim		0	37	103	152	
32356	mira		0	39	135	137	
31872	Moe	Pupa	16	115	118	n.d.	
33936	Moe		32	118	129	n.d.	
34963	Mp20		0	2	80	168	
32377	Msp300	Pupa (semi)	0	1	44	72	
32848	Msp300	Pupa (semi)	0	34	131	149	
34862	mwh		0	23	109	145	
41691	Myo10A		22	86	101	n.d.	
41717	Myo28B1		0	28	106	160	
41905	nullo	Larva (semi)	1	30	34	34	
42831	parvin		0	46	120	122	
65157	pnut	Pupa	0	38	83	84	
41705	pod1	Larva (semi)	0	28	31	31	
33643	Pten		0	21	109	171	
32999	rhea	Early pupa	0	15	91	115	
31547	sals		0	34	98	152	
31548	sals	Pupa	0	7	56	88	

36121	SCAR		0	25	122	129	
53358	scra	Pupa	0	27	78	135	
36921	shi	Larva	0	0	1	2	
64041	shot	Larva	0	2	33	39	
40942	Shroom		0	5	74	162	
31538	sls		0	18	83	142	
31539	sls		0	26	103	126	
42615	sn		0	12	66	66	
57805	sn		0	25	121	138	
61283	spir		0	37	115	123	
65164	Sry-ホア		0	25	106	114	
38948	ssh	Larva	0	0	0	0	
37523	Strn-Mlck		0	14	96	117	
55873	strn-Mlck		0	14	71	143	
34016	Svil		0	39	104	138	
41696	svil		2	36	79	170	
38232	Tm1		0	6	104	160	
77376	Tm1		0	3	48	129	
41695	Tm2		0	17	107	128	
41718	tmod		0	7	63	141	
65055	tsr	Larva	0	0	0	0	
57375	twf	Larva	0	0	0	0	
41959	Vinc		0	4	75	167	
38271	Vps16A		0	25	128	163	
36704	Vrp1		0	36	88	94	
25955	WASp	Pupa	0	14	114	138	
51802	WASp	Larva	1	52	98	101	Genotyped after hatch
31893	wupA	Larva	0	0	0	0	
58198	Zasp52	Larva	0	0	0	0	
36727	zip	Larva (semi)	0	6	27	n.d.	
38259	zip	Larva	31	11	118	n.d.	Genotyped after hatch, R189
34039	zormin		3	39	123	138	
33430	alpha-Cat	Larva	16	96	112	n.d.	
38987	alpha-Cat	Pupa	7	91	102	n.d.	
31217	alpha-Catr		0	10	88	141	
56932	alpha-Spec	Larva	0	0	0	0	
38533	beta-Spec		0	18	119	135	
38283	hts		0	34	116	151	
27709	Septin1		0	18	94	162	
28004	Septin2	Larva	0	0	0	0	
31216	Septin5		0	11	106	150	
31119	Septin4		0	2	71	168	
36303	attP2		0	21	80	121	control
36304	attP40		0	35	97	120	control
	attP2		0	26	85	100	control
	attP40		0	25	107	115	control
	attP2		0	49	100	130	control
	attP40		0	1	71	134	control
	attP2		0	26	112	128	control