

Supplemental file S3. Number of newly eclosed flies under suppression of *DeathStar* gene in neural cell types of *D. melanogaster*. The number of male progenies was less than the females when the *DeathStar* expression was suppressed in neural cell types of *D. melanogaster* (RNAi carriers). As control of the experiment, a fly line which had no expression of *DeathStar* RNAi (referred as balancer carrier) was used. Equal number of males and females was observed for this control (CS) group.

Day of collection	Fly genotypes	CS		CG		PNG		ALG		EGN		EGT		SPG		Glia		Neu.	
		♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀
1	RNAi carriers	7	15	2	6	4	6	4	12	7	24	1	5	1	12	7	9	12	11
	Balancer carriers	2	4	13	12	10	12	18	6	22	24	6	11	15	10	5	39	26	24
2	RNAi carriers	8	8	1	7	3	5	3	4	1	6	1	1	0	9	4	5	4	6
	Balancer carriers	2	6	7	16	4	6	4	3	4	14	5	8	5	9	8	32	8	16
3	RNAi carriers	2	1	2	10	7	5	4	5	0	15	2	5	1	10	2	4	2	4
	Balancer carriers	4	3	16	10	5	6	4	8	2	13	8	12	13	9	4	14	17	19
4	RNAi carriers	12	12	0	10	1	4	1	4	2	3	0	1	2	4	3	6	6	8
	Balancer carriers	3	7	7	12	2	3	8	2	4	1	4	2	2	8	7	6	8	10
5	RNAi carriers	18	16	6	17	4	5	10	12	3	9	1	1	6	23	2	3	12	20
	Balancer carriers	11	9	29	25	11	10	20	22	20	25	7	6	24	23	30	21	45	35
6	RNAi carriers	12	11	3	5	2	7	3	15	3	9	2	4	1	9	6	19	0	6
	Balancer carriers	5	6	6	6	5	12	15	11	30	25	5	4	10	15	14	16	7	7