Table S1: Adult survival of kdm5 alleles.

kdm5 allele combination	number of kdm5 mutants	total adult flies	Expected number	% expected	p value (Chi squared)
kdm5 [10424/10424]; +/+	3	650	216	1.40%	< 0.001
kdm5 [10424/10424]; gKDM5/+	40	110	37	108%	ns
kdm5 [K06801/K06801]; +/+	0	300	100	0%	< 0.001
kdm5 [K06801/K06801]; gKDM5/+	39	125	42	93%	ns
kdm5 [10424/K06801]; +/+	87	440	147	59%	< 0.001
kdm5 [10424/K06801]; gKDM5/+	70	200	67	104%	ns

Crosses were carried out to generate the genotypes indicated in the left-most column.