

## Supplementary Table 1

### Gompertz parameters

Strain	♂		♀	
	Intercept	Slope	Intercept	Slope
<i>K33<sup>w</sup></i>	-5.78	0.077	-6.04	0.075
<i>hsNF1/+; K33<sup>w</sup></i>	-8.67	0.074	-8.68	0.073
<i>Arm-GAL4/+</i>	-5.03	0.072	-4.45	0.077
<i>UAS-dNF1 on 2nd/+</i>	-3.59	0.064	-3.81	0.069
<i>UAS-dNF1 on 3rd/+</i>	-4.42	0.067	-4.14	0.073
<i>Arm-GAL4/UAS-dNF1 2nd</i>	-7.01	0.061	-6.64	0.061
<i>Arm-GAL4/UAS-dNF1 3rd</i>	-6.42	0.057	-6.06	0.053

Gompertz mortality parameters were estimated by  $\ln(\mu_x) = \ln(\mu_0) + ax$

The intercept  $\ln(\mu_0)$  is used as an estimate of baseline or age-independent mortality and the slope  $a$  as the rate of mortality or age-dependent mortality.