

Table S1. Temperature dependence of the mitochondrial-nuclear interaction effect on egg-to-adult development time

Phenotype	Factor ¹	numDF	denDf	F-value	P-value
16°C Development time (N=2300, 84 vials)	mtDNA	1	80	51.57	<0.0001
	Nuclear	1	80	5.91	0.0173
	mtDNA x Nuclear	1	80	0.38	0.5413
22°C Development time (N= 3105, 80 vials)	mtDNA	1	76	263.60	<0.0001
	Nuclear	1	76	213.20	<0.0001
	mtDNA x Nuclear	1	76	104.00	<0.0001
25°C Development time (N= 3209, 86 vials)	mtDNA	1	82	1034.12	<0.0001
	Nuclear	1	82	440.07	<0.0001
	mtDNA x Nuclear	1	82	274.60	<0.0001
28°C Development time (N= 1873, 75 vials)	mtDNA	1	71	18.40	0.0001
	Nuclear	1	71	30.00	<0.0001
	mtDNA x Nuclear	1	71	2780.20	<0.0001

¹ Mixed-model ANOVA fit using restricted maximum likelihood and including vial as a random factor