

Table S2. Temperature dependence of the mitochondrial-nuclear interaction effect on larval, but not pupal, survival

Phenotype	Factor	Df	Res Df	<i>F</i> -value ¹	<i>P</i> -value
16°C Egg-to-pupae survival (<i>N</i> = 83 vials) ²	mtDNA	1	81	15.30	0.0002
	Nuclear	1	80	53.55	<0.0001
	mtDNA x Nuclear	1	79	2.35	0.13
22°C Egg-to-pupae survival (<i>N</i> = 60 vials) ²	mtDNA	1	58	5.41	0.0236
	Nuclear	1	57	10.26	0.0022
	mtDNA x Nuclear	1	56	8.65	0.0048
25°C Egg-to-pupae survival (<i>N</i> = 81 vials) ²	mtDNA	1	79	33.86	<0.0001
	Nuclear	1	78	136.30	<0.0001
	mtDNA x Nuclear	1	77	6.10	0.0158
16°C Pupae-to-adult survival (<i>N</i> = 58 vials) ³	mtDNA	1	56	0.03	0.8724
	Nuclear	1	55	4.72	0.0343
	mtDNA x Nuclear	1	54	1.37	0.2474
22°C Pupae-to-adult survival (<i>N</i> = 68 vials) ³	mtDNA	1	66	6.14	0.0159
	Nuclear	1	65	2.20	0.1432
	mtDNA x Nuclear	1	64	0.01	0.9031
25°C Pupae-to-adult survival (<i>N</i> = 53 vials) ³	mtDNA	1	51	0.04	0.8362
	Nuclear	1	50	0.81	0.3738
	mtDNA x Nuclear	1	49	0.38	0.5379

¹ General linear models fit using quasibinomial distribution of errors

² Does not include vials for which pupae count exceeded 50 (# of eggs placed in vial)

³ Does not include vials for which eclosed count exceeded pupae count