

Table S3. Temperature dependence of the mitochondrial-nuclear interaction effect on pupation height

Phenotype	Factor ¹	numDF	denDf	F-value	P-value
16°C Pupation height (N=1271, 40 vials)	mtDNA	1	36	0.28	0.5991
	Nuclear	1	36	23.78	<0.0001
	mtDNA x Nuclear	1	36	3.57	0.0668
22°C Pupation height (N= 1745, 40 vials)	mtDNA	1	36	13.56	0.0008
	Nuclear	1	36	6.21	0.0175
	mtDNA x Nuclear	1	36	8.39	0.0064
25°C Pupation height (N= 1588, 40 vials)	mtDNA	1	36	13.46	0.0008
	Nuclear	1	36	56.60	<0.0001
	mtDNA x Nuclear	1	36	19.14	0.0001

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