

Table S5: Results of the likelihood ratio test comparing the effects of RNAi-mediated knockdown on adult anoxia tolerance each gene and sex. Significance at $p < 0.001$ ***, $p < 0.01$ ** , $p < 0.05$ *

gene	sex	term	ChiSq	df	p.value	sig
babos	female	genotype	63.71036	1	1.44E-15	***
	male	genotype	22.45306	1	2.15E-06	***
CG10089	female	genotype	88.40395	1	5.34E-21	***
	male	genotype	63.81096	1	1.37E-15	***
MED6	female	genotype	55.20642	1	1.09E-13	***
	male	genotype	40.16805	1	2.33E-10	***
ppk19	female	genotype	9.701022	1	0.001842	**
	male	genotype	14.7325	1	0.000124	***
ppk30	female	genotype	56.58673	1	5.38E-14	***
	male	genotype	4.833826	1	0.027907	*
SLO2	female	genotype	15.95757	1	6.48E-05	***
	male	genotype	14.30642	1	0.000155	***
PMCA	female	genotype	28.70814	1	8.41E-08	***