

Table S2 ANOVA results: Effects of genetic background, *npr-1* and distal QTL on chromosome X (QTL_Xb) on speed.

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
npr1	1	12.86	12.86	10.04	0.0039
bkg	1	0.06	0.06	0.05	0.8248
QTLXb	1	0.00	0.00	0.00	0.9768
bkg:QTLXb	1	0.22	0.22	0.17	0.6835
npr1:QTLXb	1	0.17	0.17	0.14	0.7154
npr1:bkg	1	0.01	0.01	0.01	0.9425
Residuals	26	33.30	1.28		

ANOVA Model with Predictors: Background,
npr-1, QTLXb and their interactions