

Table S3 ANOVA results: Effects of genetic background, *npr-1* and distal QTL on chromosome X (QTL_Xb) on probability of responding by reversals

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
npr1	1	0.01	0.01	0.34	0.5633
bkg	1	0.30	0.30	16.44	0.0004
QTLXb	1	0.18	0.18	10.10	0.0038
bkg:QTLXb	1	0.00	0.00	0.05	0.8186
npr1:QTLXb	1	0.00	0.00	0.22	0.6444
npr1:bkg	1	0.01	0.01	0.57	0.4563
Residuals	26	0.47	0.02		

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