

Table 1. QTL locations and best-fit models for QTL analyses of the *D. simulans* backcross (*bc-sim*) and the *D. sechellia* backcross (*bc-sec*).

Cross	# QTL	% variance (model)	LOD of Model	QTL	QTL Location (Mbp) (2-LOD interval)*	LOD Drop One†	% variance
<i>bc-sim</i>	3	21.6	40.30	QTL-3L _{sim}	~ 3L:11.31 (~3L: 10.66 -11.92)	13.23	6.55
				QTL-3R _{simA}	~ 3R:14.76 (~ 3R:14.14 -15.06)	6.75	3.28
				QTL-3R _{simB}	~ 3R:22.15 (~ 3R:21.29 -22.99)	5.32	2.51
				QTL-3L _{sim} * QTL-3R _{simB}	-	2.05	1.05
<i>bc-sec</i>	2	16.6	27.27	QTL-3L _{sec}	~ 3L: 10.48 (~ 3L: 8.53 – 11.90)	13.96	8.14
				QTL-3R _{secA}	~ 3R: 16.63 (~ 3R:14.55 – 17.43)	9.82	5.65

*The 2-LOD support interval where the LOD score is within 2 LOD of the peak maxima.

†Log-likelihood ratios comparing the full model to a model with the specified QTL removed.