

Table S3. Summary of multiple QTL modeling

Chromosome and approximate cM position	df	Type III SS	LOD	% Variance	F-value	<i>P</i> -value (F)
Chr1 @38	2	7.441	6.968	20.689	17.587	2.07e-007
Chr4@64	1	2.574	2.621	7.157	12.167	0.000684
Chr8@28	2	3.578	3.578	9.948	8.457	0.000370
Chr1 @38:Chr8@28	1	3.249	3.268	9.032	15.356	0.000150
Total	4	10.784	9.520	29.984		

*Type III SS is the adjusted sum-of-squares attributable to each term in the regression after accounting for all other terms. SS for a main effect term that is involved in an interaction includes the interaction component.