

**Table S1 Positive predictive value of SLE thresholds for NAM marker selection.** Output of R and SAS simulations, with positive predictive value calculated at true positives divided by true plus false positives.

Simulated QTL detected	SLE Threshold Tested		
	P=0.002	P=0.001	P=0.005
True positives	597	592	287
False positives	97	59	74
Positive predictive value	0.86	0.91	0.79

The highest positive predictive value was found for the SLE of 0.001; that value was used for analysis of the NAM data sets.