



Figure S2 Example histograms of simulated traits for several different conditions in terms of number of causative loci, effect size, and heritability. Histograms from traits with equal effects - 67% H², equal effects - 90% H², gamma distributed effect - 67% H² and gamma distributed effect - 90% H² are shown in different columns from left to right. Histograms from simulated traits with one, five, ten, twenty, fifty, seventy-five, and one hundred causative loci are shown from top to bottom. The average simulated phenotype value for NIRILs that are 100% maize and teosinte are indicated with arrows labeled by “M” for maize and “T” for teosinte.