Supplementary Figure 1. Histogram of adjacent linkage disequilibrium for 14 populations in the University of Nebraska replicated recurrent selection program. The vertical line is the mean adjacent linkage disequilibrium (0.29).

Supplementary Figure 2. Visualization physical distance verse chromosome for adjacent linkage disequilibrium for Nebraska B Synthetic (NBS) and Nebraska Stiff Stalk Synthetic (NSS) Cycle 0 populations. The value along the x axis indicates the number of markers per chromosome.

Supplementary Figure 3. Physical map of the 513 markers used for analysis. Physical distance were divided by 100,000 due to space constraints. Multiply by 100,000 for physical position.