



**Supplement Figure S1.** Scatter plot for selected KASP assays showing clustering of genotypes on the Y- and X-axes. Genotypes colored red have a HEX-type allele; genotypes colored blue have a FAM-type allele. Top left and right corners, KASP assays for *Lr1*-A/G, *Lr2* -T/C, respectively. Bottom left and right corner, KASP assays for *Lr10* - C/T and *Lr14a* -C/T, respectively.