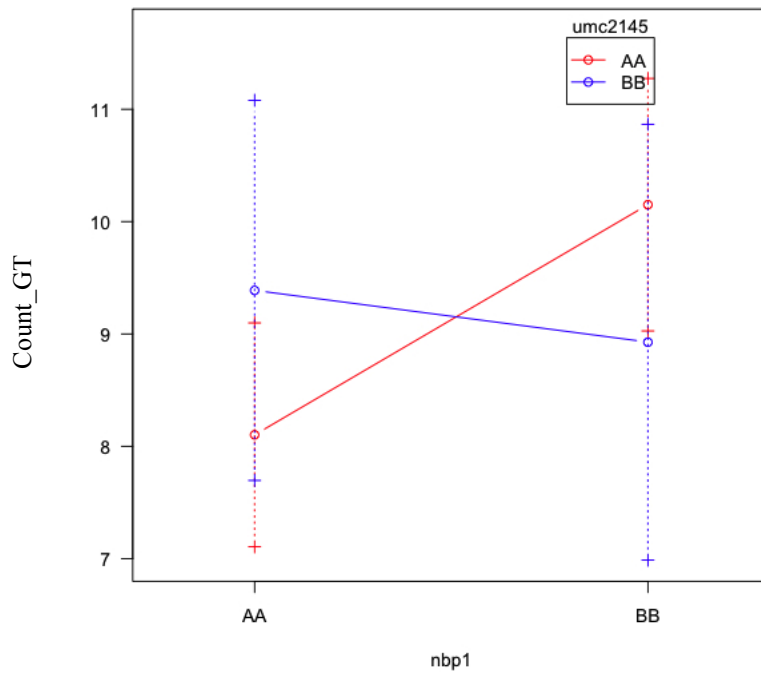
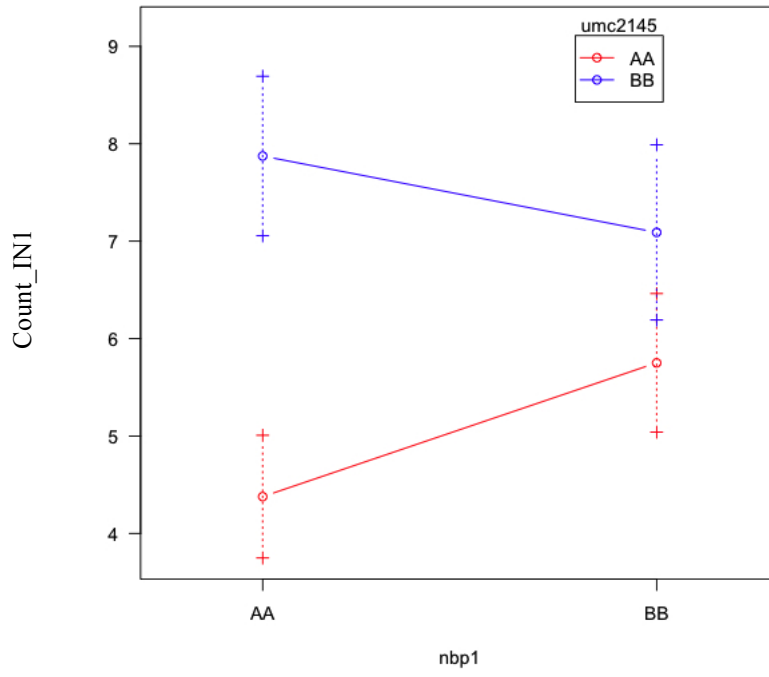


Supplemental Figure 2. Effect plots (R/qtl Broman et al 2003) for each trait comparing sol (umc2145) and lcf (nbp1) markers. The B73 allele (AA) and the Mo17 allele (BB) are indicated on the x-axis for lcf (nbp1). sol (umc2145) is represented by a red line for B73 and a blue line for Mo17. **A-C.** Effect plots for the count data for the **A.** GT location; **B.** IL1 location; **C.** IN 2 location. **D-F** are effect plots for the length and width data: **D.** PCA value for length and width, IN only; **E.** PCA value for the length and width measurements, GT only; **F.** PCA value for the length and width measurements, all locations. **G-H.** effect plots for the leaf area data: **G.** leaf area measurements for GT only; **H.** PCA value for IN.

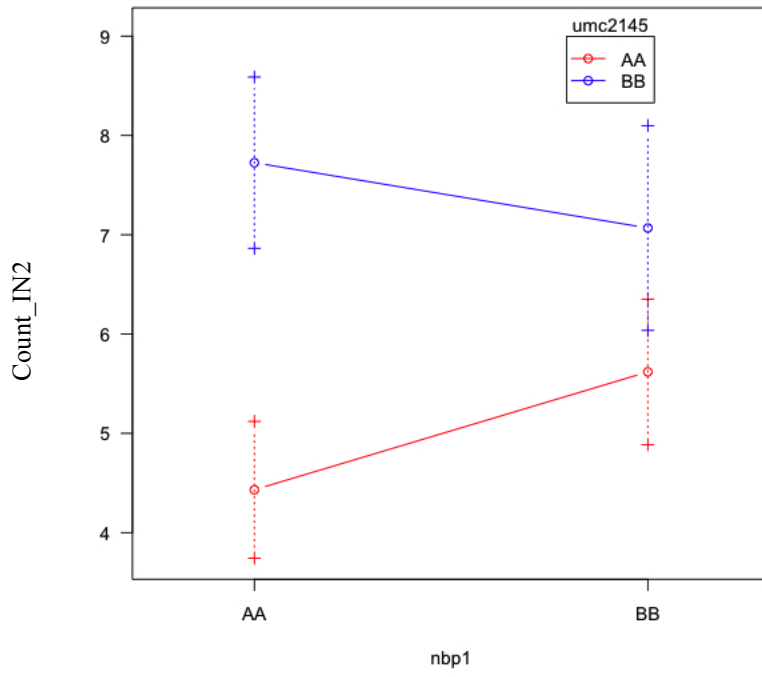
S2A



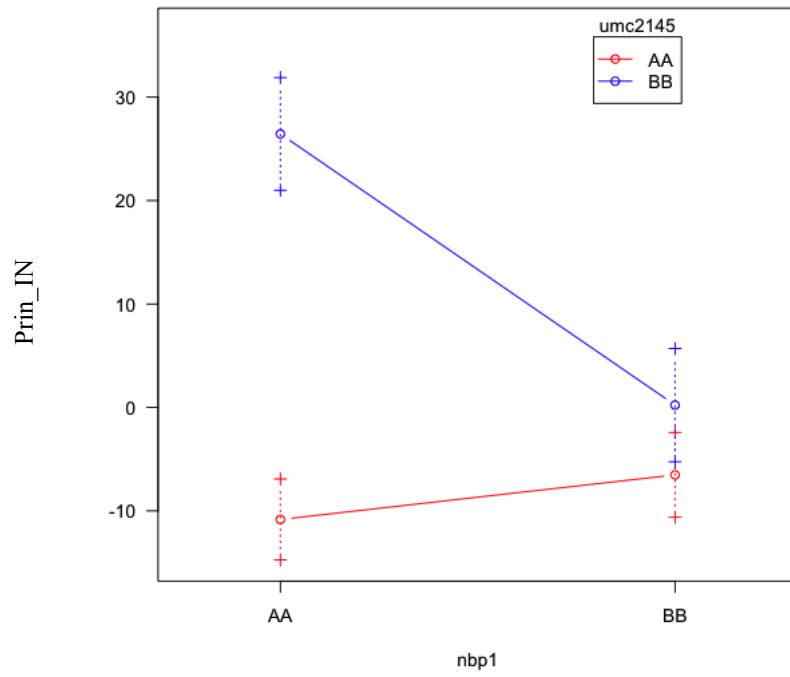
S2B



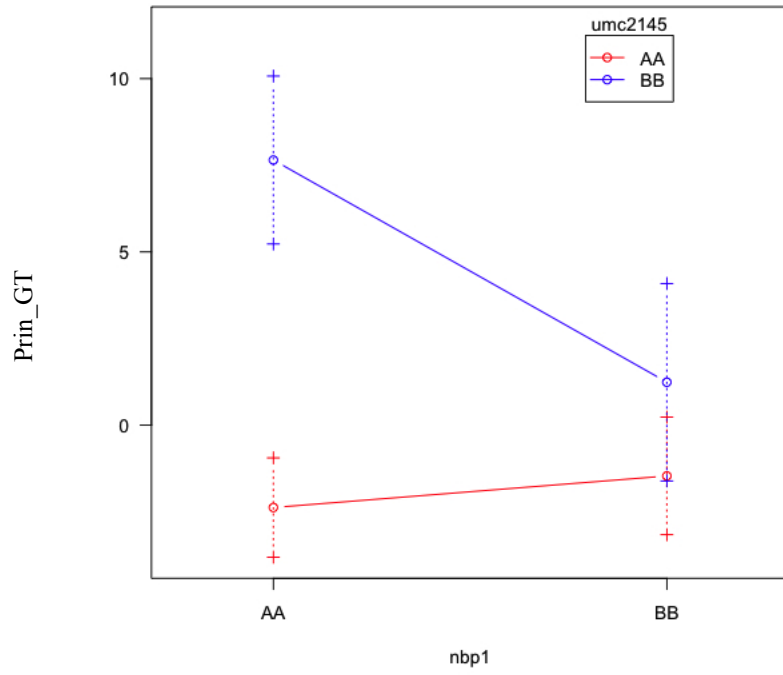
S2C



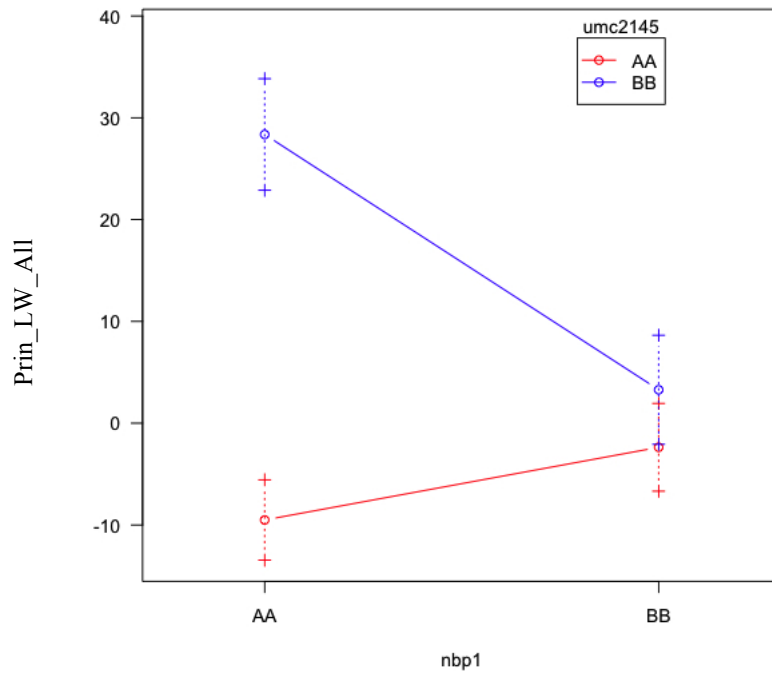
S2D



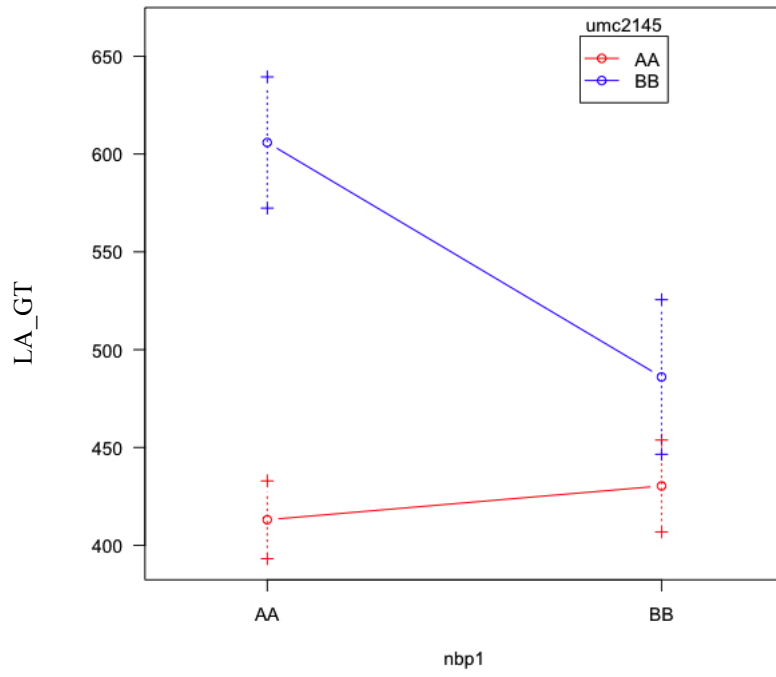
S2E



S2F



S2G



S2H

