

Supplemental Data:
Supplemental Figures:

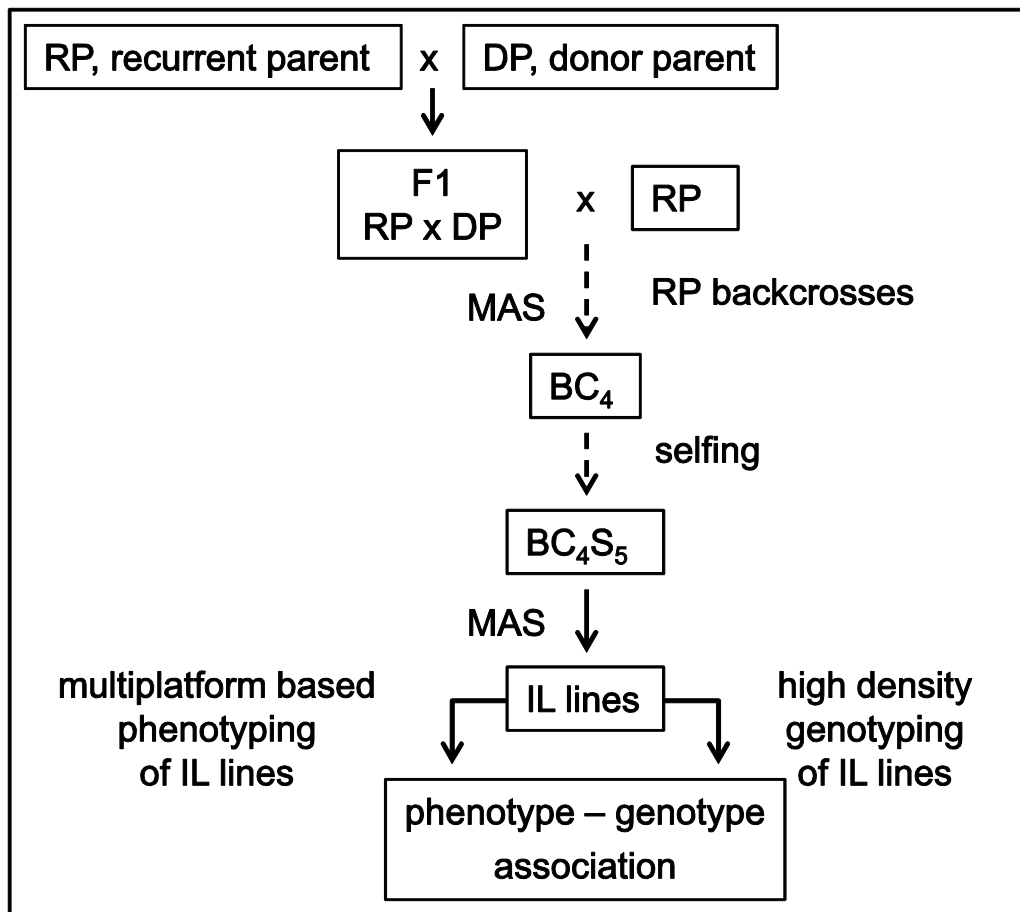


Figure S1. Schematic representation of the IL development. After several steps of backcrossing (BC) and selfing (S), a set of introgression lines, originating from the cross RP x DP, was selected by marker-assisted selection (MAS). Finally, the selected IL lines were high density genotyped and phenotyped under field, greenhouse and growth chamber conditions to localize genomic regions influencing trait expression.

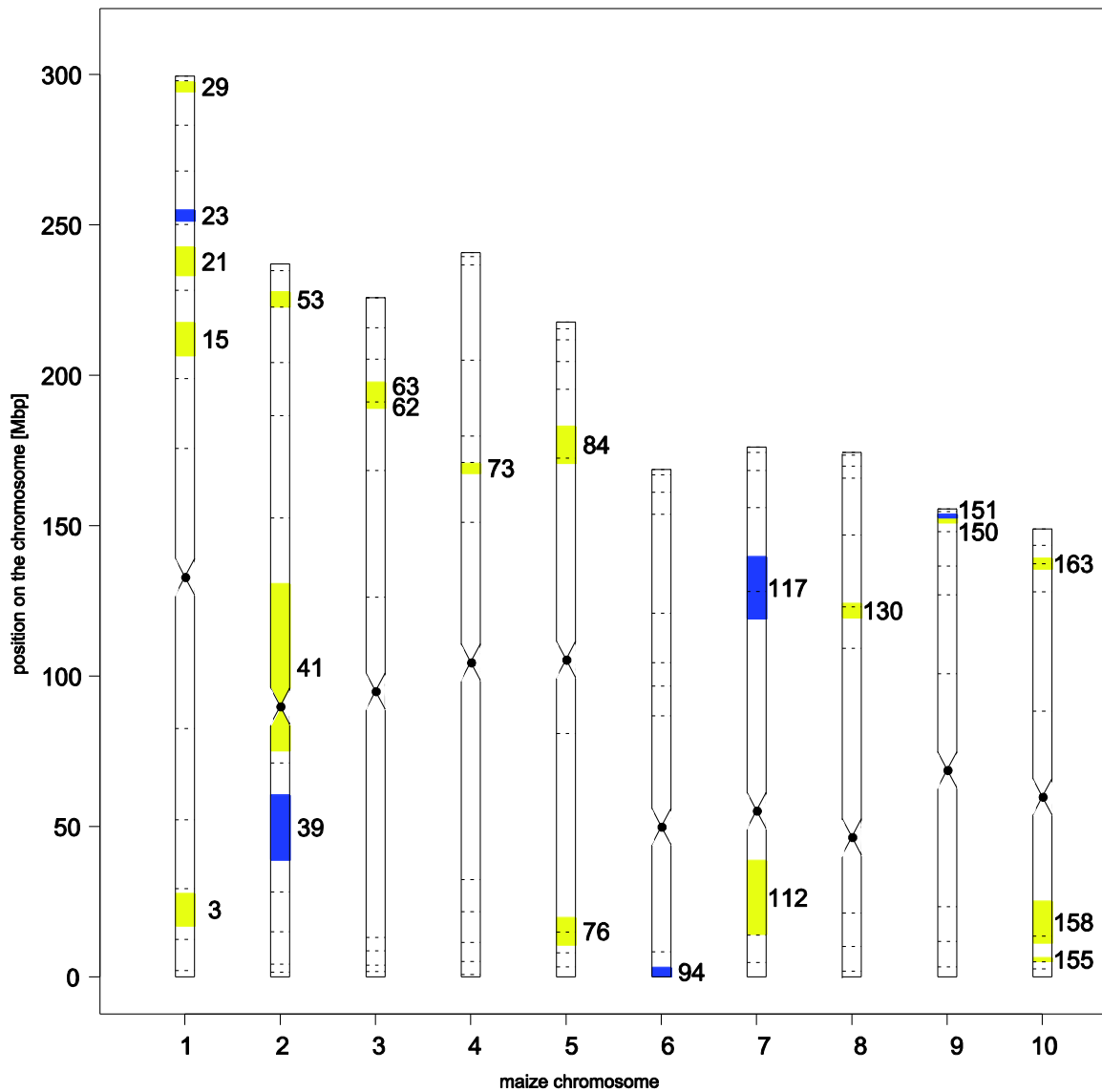


Figure S2. Genomic position of the target regions influencing $\Delta^{13}\text{C}$. Target regions are identified by their target region ID and explain more (blue) or less (yellow) than 5 % of the total phenotypic variance. Borders of chromosome-bins are indicated by dashed lines and the positions of the centromeres are indicated by black dots.