

Fig. S1. Comparison of A) plant morphology, B) seed characteristics, and C) amylose content between Dodamssal and Hwayeong. Amylose content represents mean  $\pm$  standard deviation from two replications (Adeva et al. 2020).

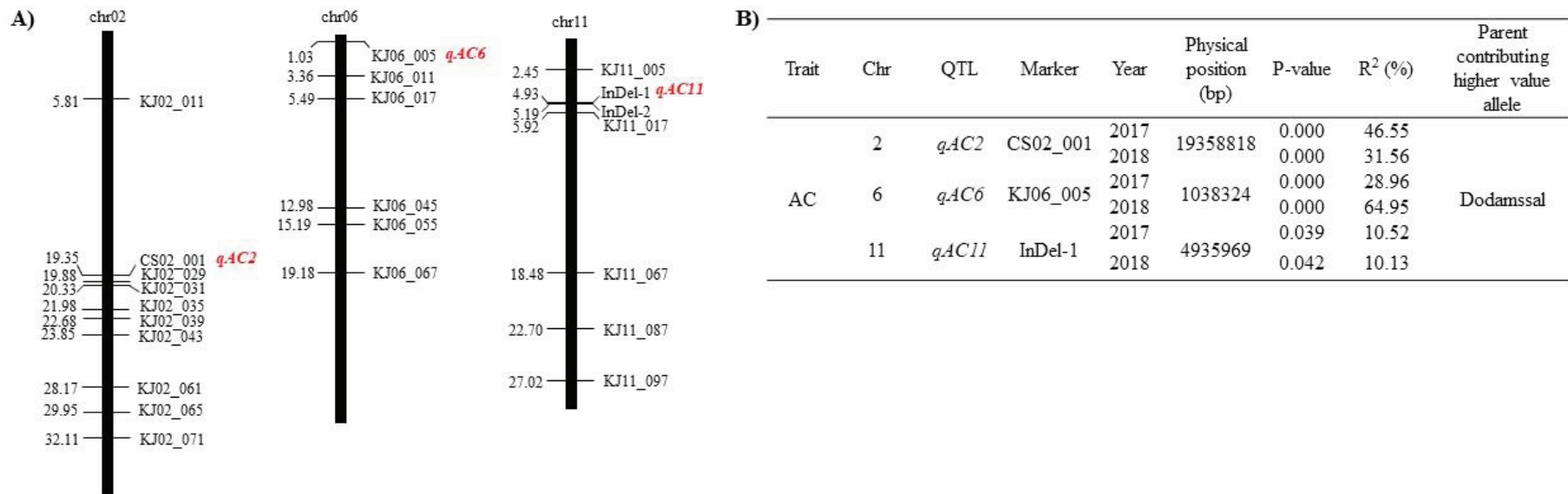


Fig. S2. Identification and mapping of QTL. A) Location of QTLs for amylose content trait on physical map based on a single marker analysis. Number on the left side indicates the physical position (Mbp) while markers are on the right side of the chromosome. qAC: QTL for amylose content. B) List of QTLs for amylose content trait in a two-year field experiment detected and identified by a single marker analysis using 92 recombinant inbred lines.