



S2 Fig. High-resolution mapping of the *GNP1* locus.

Black, white and lightly shaded rectangles indicate the homozygous TQ genotype, homozygous LT genotype and marker intervals containing recombination breakpoints, respectively. Different letters (a, b) indicate significant difference determined by the Fisher's least significant difference (LSD) method at p -value < 0.01 ($n = 40$ plants).