



Supplemental Figure 3. Sequencing results for detecting off-targeting induced by CRISPR/Cas9. (a) and **(b)** Sequence chromatogram comparison of two potential off-targets for sgRNA1 between gene edited mutant and WT plant; **(c)** and **(d)** Sequence chromatogram comparison of two potential off-target for sgRNA2 between gene edited mutant and WT plant. There is no difference in Sanger sequencing chromatogram alignment between the mutant and wild type for off-target genes. In each panel, WT chromatogram was shown in bottom, and gene edited chromatogram was shown on top. The underline nucleotides indicate the gRNA positions.