



Fig. S4 Transcript levels of *TaZFP8-5B* and ROS-related genes in transgenic plants. **(a)** Transcript levels in Fielder and *TaZFP8-5BOE* plants. **(b)** Transcript levels of *TaZFP8-5B* in the rice cultivar ZH11 background. *TaZFP8-5BEO*-#1 to *TaZFP8-5BEO*-#5, overexpression transgenic events. **(c)** Relative expression of *OsRbohA*, *OsCAT*, and *OsSOD* in rice leaves at 1 dpi. The transcript levels of the genes in *TaZFP8-5BOE*-#1 and *TaZFP8-5BEO*-#2 leaves were detected by qRT-PCR. Error bars represent SEM from three replicates. Asterisks represent significant differences. * $p < 0.05$, *** $p < 0.001$.