

**Additional File 6: Fig. S6** Analysis of reactive oxygen species (ROS) in the z3 mutant leaves. **a-b** Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) and superoxide anion radicals (O<sub>2</sub>-) in flag leaves of the WT and z3 mutants at 160 DAS grown under natural long day conditions were visualized by staining with DAB (**a**) and NBT (**b**), respectively. Leaves before (left) and after (right) staining are shown.