



Figure S4 Mutual regulation of FgDDT and FgISW1 expression levels. (a) Comparisons in relative gene expression of *FgDDT* and *FgISW1* among the PH-1 (wild-type (WT)), mutants and complementary strains. Data are presented as the means \pm standard deviation from three repeated experiments. Different letters indicate a significant difference ($p < 0.05$, one-way ANOVA). (b) Western blot analysis of FgDDT-GFP and FgISW1-GFP protein levels in WT PH-1, the $\Delta FgISW1$ mutant expressing FgDDT-GFP, and the $\Delta FgDDT$ mutant expressing FgISW1-GFP. An anti-GFP antibody was used for detection, with GAPDH serving as the loading control. Band intensities were quantified using ImageJ software. (c) Fluorescence signals of FgISW1-GFP in WT PH-1 and $\Delta FgDDT$ mutant, and FgDDT-GFP in WT PH-1 and $\Delta FgISW1$ mutant. The constructs were stained with 4,6-diamidino-2-phenylindole (DAPI) and examined by epifluorescence microscopy. Bar, 10 μm (upper panel). White arrows highlight areas analyzed by line-scan graph analysis. y axis: the intensity of GFP and DAPI signals quantified by ImageJ; x axis: the distance (μm) (lower panel).