

**Supplemental Figure 1.** Effect of auxin treatments on plateau length of *PIN3* and *PIN7* single mutants. A, B) 4-DAG seedlings of pin3-5 (A) (in Col-0 wt background) and pin7-1 (in Ler background) (B) remain responsive to the effect of auxin treatments on plateau length. A representative experiment is shown, for each mutant line and corresponding wt control. Error bars represent SEM (n>30 LRs per experiment). Statistical significance was evaluated by two-way ANOVA followed by multiple comparisons Tukey test. One (p<0.05) and two asterisks (p<0.01) denote statistically significant differences between NAA treatments and corresponding DMSO controls.