



**Figure S1.**

**Phenotype of *ashh2* mutant plants.**

(A) Wt plants (left) compared to the *ashh2* alleles at 40 DAG (upper panel) and 50 DAG (lower panel). Note that allele *ashh2-6* which has a T-DNA insertion in the promoter region, has a phenotype that differs both from wt and the other *ashh2* alleles that have T-DNA insertions in the transcribed region. (B) Length of the four first internodes in wt and *ashh2-1* plants. (C) Height of wt and *ashh2-1* plants. (D) Number of axillary shoots at 30 DAG for wt and *ashh2-1* plants.

Error bars indicate standard deviation.  $n_{wt} = 12$ ;  $n_{ashh2-1} = 14$ .

