Supplemental Fig 1

**Supplemental Figure 1** Construction of the *ZmNAGK* overexpressing transgenic plants. (A) Construction of the transgenic vector 1300-221-3\*Flag-*ZmNAGK*. (B) Analysis of *ZmNAGK* expression in T2 vector-transformed and *ZmNAG*K (-*2*, -*3* and -*15*) tobacco plants. Expression level of *ZmNAGK* relative to *NtUbi* was analyzed by semi-qRT-PCR.

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**Supplemental Figure 2** Phenotype of *ZmNAGK* transgenic and vector-transformed plants under non-stress conditions.