

Transcription Factor *GmERF105* Negatively Regulates Salt
Stress Tolerance in *Arabidopsis thaliana*

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Additional files 1.

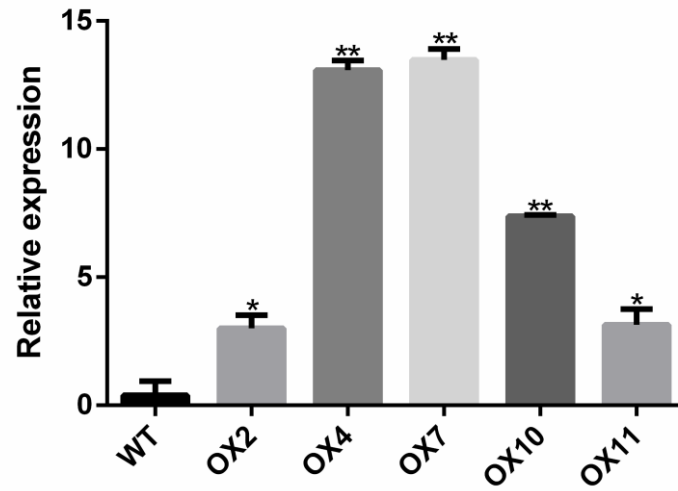


Figure S1. qRT-PCR identification of *GmERF105* transgenic lines.

WT: wild type of Arabidopsis Columbia-0; OX2, OX4, OX7, OX10, OX11: five transgenic lines of *GmERF105* in T₃ generation. The transcription level of *GmERF105* was analyzed by qRT-PCR using actin2 as the reference gene. Data are means \pm SD. Error bars represent the standard error of three replicates.

Additional files 2

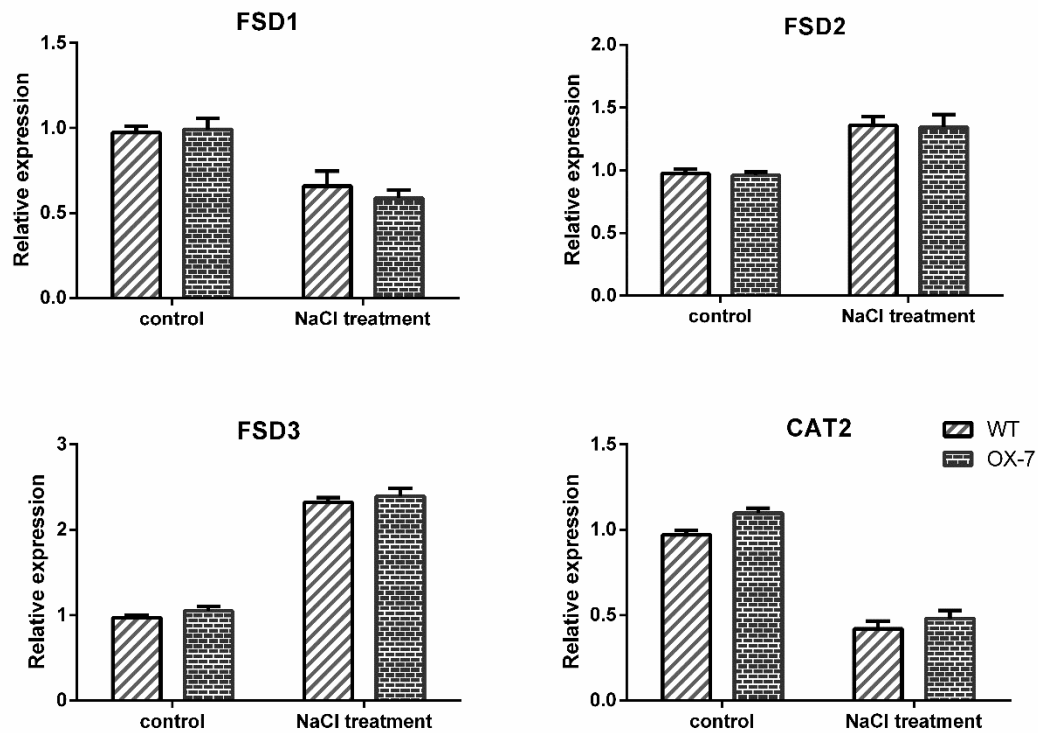


Figure S2. Transcription levels of FSDs and CAT2 in WT and *GmERF105* overexpressing plants

The wild-type controls and *GmERF105* transgenic lines plants were grown in pots for two weeks and then irrigated with a solution of 150 mM NaCl for 16 days. Samples were taken from the aboveground part of the Arabidopsis plant. The transcription levels of each gene were analyzed by qRT-PCR using *actin2* as the reference gene. Error bars represent \pm SD based on three replicates.

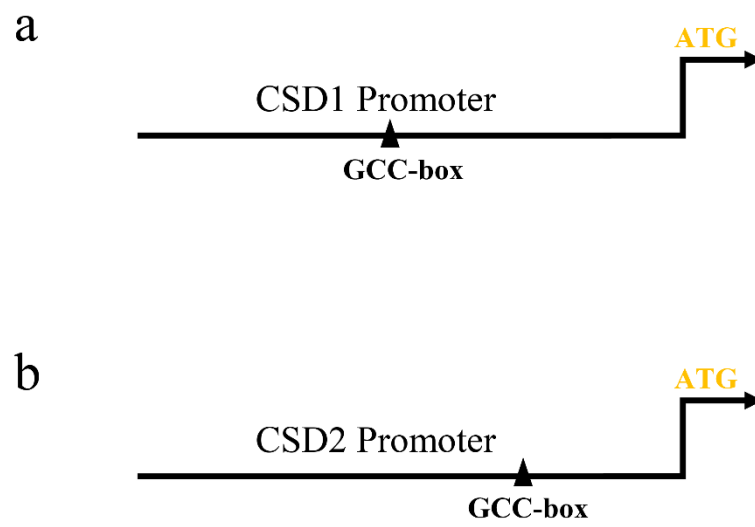


Figure S3. Promoter indicator diagram for *CDS1* and *CDS2*.

GCC-box was indicated by the black triangles.