

Figure S1: The putative conserved motifs in NAC proteins

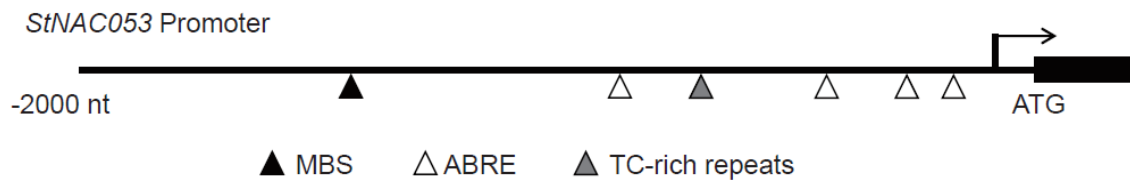


Figure S2 Stress related elements in the promoter regions of *StNAC053* gene

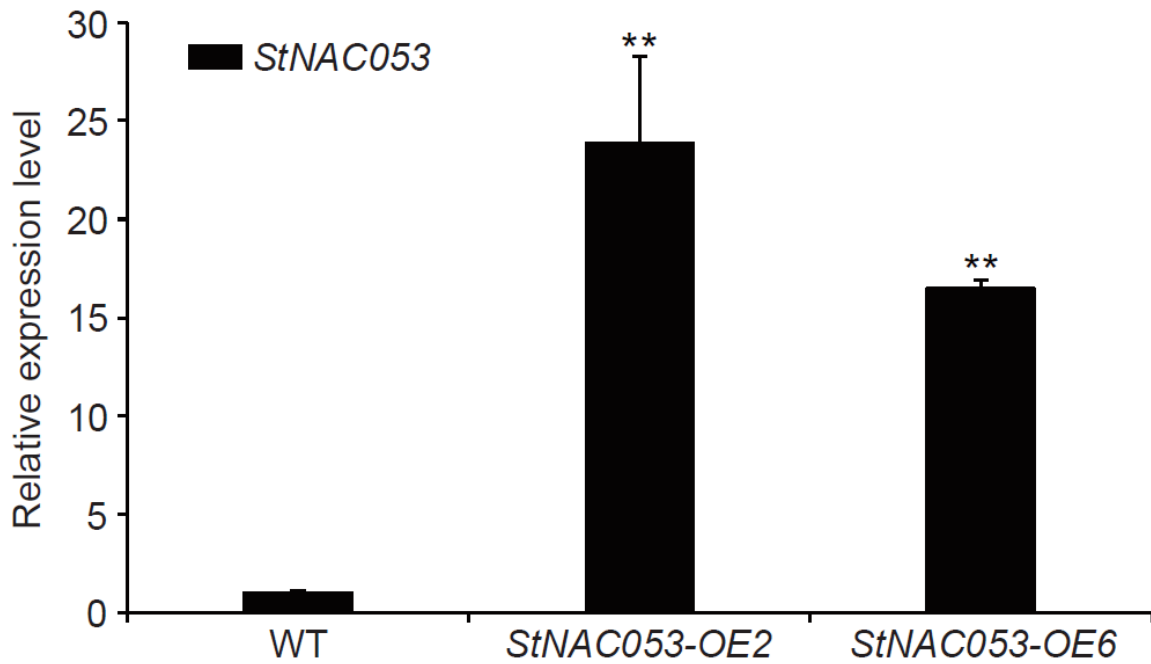


Figure S3 : The expression level of the *StNAC053* gene in wild type and two overexpression lines, the ratios of gene expression levels were calculated relative to the wild type

Table S1 Prediction of NAC binding *cis*-elements in the promoter of stress-responsive genes

Gene	NAC protein binding sites	Number
<i>COR15A</i>	CACG/CGTA/CACGTG	6
<i>DREB1A</i>	CGTA/CGTG/CACG	4
<i>ERD11</i>	CGTG/CACGTG/CACG	3
<i>ERF5</i>	CACG/CGTA/CGTG	7
<i>KAT2</i>	CGTA/CGTG/CACGTG	7
<i>RAB18</i>	CACGTA/CGTA/CGTG/CACG	9

Table S2 The primers used in this study

<i>StNAC053-CDS-F</i>	5'-ATGACAGCAGCTGAATTGCAG-3'
<i>StNAC053-CDS-R</i>	5'-TCAAAAAGGTCTGTGCAGGTG-3'
<i>StNAC053-qRT-F</i>	5'-TTCTACCACCGCTACCTCC-3'
<i>StNAC053-qRT-R</i>	5'-TCGCATGTGAATTCCGGTG-3'
<i>StEF1a_F</i>	5'-ATTGGAAACGGATATGCTCCA-3'
<i>StEF1a_R</i>	5'-TCCTTACCTGAACGCCTGTCA-3'
<i>ACTIN2-F</i>	5'-TGTGCCAATCTACGAGGGTTT-3'
<i>ACTIN2-R</i>	5'-TTTCCCGCTCTGCTGTTGT-3'
<i>DREB1A-qRT-F</i>	5'-AGGAGACGTTGGTGGAGGCT-3'
<i>DREB1A-qRT-R</i>	5'-ACGTCGTCATCATCGCCGTC-3'
<i>ERD11-qRT-F</i>	5'-CCCCTTTGGTAAAGTTCC-3'
<i>ERD11-qRT-R</i>	5'- ATGTCCTTGCCAGTTGAG-3'
<i>ERF5-qRT-F</i>	5'-TTGAAGACGGAACAGAGC-3'
<i>ERF5-qRT-R</i>	5'-AGGAGATAACGGCGACAG-3'
<i>RAB18-qRT-F</i>	5'-GCATAGACTTTGCTCGGGAGT-3'
<i>RAB18-qRT-R</i>	5'-CCGCCAGACGAACCTTCA-3'
<i>KAT2-qRT-F</i>	5'-TGATAATCCTTCCTGCTT-3'
<i>KAT2-qRT-R</i>	5'-CATCATCTATTCTGCGTTT-3'
<i>Cor15A-qRT-F</i>	5'-CAGTTCGTCGTCGTTTCT-3'
<i>Cor15A-qRT-R</i>	5'-CCAATGTATCTGCGGTTT-3'