**Table S1.** Primers used for vector construction

|  |  |
| --- | --- |
| Primer name | Primer Sequence (5’-3’) |
| NAC109\_nonstop\_attb\_F | GGGGACAAGTTTGTACAAAAAAGCAGGCTATGGCCACTACAACACAACTT |
| NAC109\_nonstop\_attb\_R | GGGGACCACTTTGTACAAGAAAGCTGGGTCATTGCAGAAGGACTTGGAGA |
| NAC109\_FL\_NcoI\_F | CATGCCATGGCAATGGCCACTACAACACAACT |
| NAC109\_FL\_EcoR1\_R | CGGAATTCTTAATTGCAGAAGGACTTGGAGA |
| NAC109\_N\_EcoR1\_R | CGGAATTCTTAAAGACGATACTCGTGCATGA |
| NAC109\_C\_Nco1\_F | CATGCCATGGCAGCAGACGTGGATCGTTCCGT |
| pNAC109\_R | TGTTGAGAATTGAGAAAGAAAAT |
| pNAC109-2kb\_F | CACCGCTAGCTGCCATTCTGTTGA |
| GmNAC109-F | CACCATGGCCACTACAACACAAC |
| GmNAC109-R | TTAATTGCAGAAGGACTTGGAGA |

**Table S1.** Primers used for qRT-PCR

|  |  |
| --- | --- |
| Primer name | Primer sequence (5’ -3’) |
| ACTIN11\_F | CGGTGGTTCTATCTTGGCATC |
| ACTIN11\_R | GTCTTTCGCTTCAATAACCCTA |
| EF1A\_F | GACCTTCTTCGTTTCTCGCA |
| EF1A\_R | CGAACCTCTCAATCACACGC |
| GmNAC109\_qPCR\_F | ACATATCGCGGTTCCCATAA |
| GmNAC109\_qPCR\_R | GAACCGTTCGGGTACTTGC |
| ERF5\_F | TTGAAGACGGAACAGAGC |
| ERF5\_R | AGGAGATAACGGCGACAG |
| RD29A\_F | GGAAGAGTCGGCTGTTTCAG |
| RD29A\_R | CAATCTCCGGTACTCCTCCA |
| DREB1A\_F | GTTTCCTCAGGCGGTGATTA |
| DREB1A\_R | TCTCCGACGAACTCCTCTGT |
| DREB2A\_F | GTGACCTAAATGGCGACGAT |
| DREB2A\_R | GCGGATCAAAACCACTTTGT |
| COR15A\_F | TGATCTACGCCGCTAAAGGT |
| COR15A\_R | CGCTTTCTCACCATCTGCTA |
| ABA1\_F | ACTTGTTACACGGGGATTGC |
| ABA1\_R | CCACCAACATCCGAAGAAAC |
| ABI1\_F | TGGTCGGTTTGATCCTCAAT |
| ABI1\_R | TAGCTATCTCCTCCGCCAAA |
| ABI5\_F | GAGACTGCGGCTAGACAACC |
| ABI5\_R | GGTTCGGGTTTGGATTAGGT |
| AIR3-F | TCGCTGCTCATCTAGACCAC |
| AIR3-R | CCATGATCGAGTCGTGTGAA |
| ERF5\_F | TTGAAGACGGAACAGAGC |
| ERF5\_R | AGGAGATAACGGCGACAG |
| AXR1\_F | GGAACAATTTCATGGTCGATGC |
| AXR1\_R | TCTCCTCAATAAACTTGGCGT |
| AXR3\_F | GTTCCTTGGCCAATGTTCGT |
| AXR3\_R | TCAAGCTCTGCTCTTGCACT |
| ARF2\_F | ATCAGATGCAAAGGACGCCA |
| ARF2\_R | GACCCCCATCCTCGGCTT  |
| NCED3\_F | GCTGCGGTTTCTGGGAGAT |
| NCED3\_R | GACACGACTGGCCATAGGTA |



**Figure S1** ABA content of Col-0 and *GmNAC109*-overexpressing *Arabidopsis* transgenic lines under normal condition and drought stress. Drought stress treated seedlings were grown on 1/2 MS medium containing 75 mM mannitol. NS, no significant differences