

Title: Identifying differentially expressed proteins in sorghum cell cultures exposed to osmotic stress

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Supplementary Table S1. Primer sequences of sorghum target genes used in quantitative real time PCR analysis

Target gene ^a	Forward primer	Reverse primer
SORBI_3004G162400	5'-AGGGACGACAGAGCATAGG-3'	5'-TGGCCAGCATCTGAGTCTTC-3'
SORBI_3006G065100	5'-GTGCATTGCGTCGACAACTC-3'	5'-CCTCCTGGCTAGGCTCATTG-3'
SORBI_3009G101400	5'-TCCTGAGGGGTCAAACGAC-3'	5'-TTGTCAGGCCCTCCTTTTCC-3'
SORBI_3003G058200	5'-TTGTCAGGAAGAAGAGGATGAGGAG-3'	5'-TTTCTTGAACCCTTGGCCG-3'
SORBI_3001G342600	5'-AAAGGCCAGCTGATGATCC-3'	5'-CGTCATGCAGCTCATGCTTC-3'
Sb0246s002010	5'-ATAGCTCTCTGGCTCCTGACG-3'	5'-CGCTTCTCGCTGTCGATGG-3'
SORBI_3002G057900	5'-ATGAGGCCACCAACGCAATC-3'	5'-ACGCGATCACGACTCCCTC-3'
SORBI_3004G142800	5'-ACATACATCGGAGGCGTGTC-3'	5'-TATGGCTTGTCTTCAGGCG-3'
SORBI_3002G315800	5'-CTTTTGGTGCTGTGGAGTGC-3'	5'-CCATCGCCGCACATAAAACC-3'
SORBI_3009G190800	5'-TGGTCCCACGGGATAAATTCG-3'	5'-CTTGAGAAGCTGAGGAGCGG-3'
SORBI_3005G132400	5'-GACAAGCCTATCGGCAAACC-3'	5'-TTCTCGTCAGCAGCAGAACC-3'
SORBI_3002G039000	5'-TCATCAGCAGACGTTACCAGG-3'	5'-CAATGCTGAACCCGAACGAG-3'
SORBI_3002G417800	5'-GGTCCCCTGTCTGGAAATCG-3'	5'-GATCCATCAAGGCCTACCGC-3'
SORBI_3007G172100	5'-GGATCAACGCGATCAAGACG-3'	5'-GCTTGGCGATGTACTGGAAC-3'
SORBI_3002G302000	5'-TCTCCACTCGCATCAAGCTC-3'	5'-TCGATCTCGTCGTGGAAACC-3'
SORBI_3006G242000	5'-TCACCAACGAAGAGTACCGC-3'	5'-CAGGTCCTCGTTATCGTCGG-3'
Sb03g038910*	5'-TCCTGAAGCATCTTCCCTCC-3'	5'-ACAGCCTGATTAGTTGGGGG-3'

^aTarget gene locus identity obtained from the Uniprot database.

*Reference control gene, whose expression does not change in response to drought stress²⁷.