

Supplementary Data

Table S1: Primers used in the experiments

Primer	Primer sequence (5'-3')	Note
SiSAP4-F	AGTAGTCATGGAACACAAGG	SiSAP4 gene cloning
SiSAP4-R	CTTGCAGATCACAACCCATC	
SiSAP4x-F	TGCTCTAGAATGGAACACAAGGAGGCG	Vector construction of SiSAP4 gene
SiSAP4k-R	CGGGGTACCGATCTTGTCGAGCTTCTC	
SiActin-F	GGCAAACAGGGAGAAGATGA	Internal control gene in <i>Setaria italica</i>
SiActin-R	GAGGTGTCGGTAAGGTCACG	
SiSAP4-RT-F	TTAACGGTGGTGATGGTGG	Expression pattern identification
SiSAP4-RT-R	GCATTCATGTTTGTCTGGAG	
AtActin-F	AGCACTTGCACCAAGCAGCATG	Internal control gene in <i>Arabidopsis</i>
AtActin-R	ACGATTCTCTGGACCTGCCTCATC	
AtP5CS1-F	TAGCACCCGAAGAGCCCCAT	Expression pattern identification of abiotic stress relative gene
AtP5CS1-R	TTTCAGTTCCAACGCCAGTAGA	
AtRD29A-F	TGTTTGACGTCTTTGATGTATTATGG	
AtRD29A-R	AGCCGAACAATTTATTAACCAAATG	
AtRD29B-F	AGAAGGAATGGTGGGGAAAG	
AtRD29B-R	CAACTCACTTCCACCGGAAT	
AtRD22-F	GCGATGATGACGACCGTCTA	
AtRD22-R	TTAGCTCGCATCCCGTTCTC	
AtCOR47-F	TCGCTGTGTTTTGTGATCATTATCT	
AtCOR47-R	AAGGATCAAATGCAATCAACGA	
AtCOR15a-F	AAACTCAGTTCGTCGTCGTTTCT	
AtCOR15a-R	TCACCTTTAGCGGCGTAGATC	
AtRAB18-F	CCGCAGCATCTTGATGTAA	
AtRAB18-R	ATCCGAGATTGAACTAGTGAACA	
AtKIN1-F	AGCGGGAGGTGTTAACTTCGT	
AtKIN1-R	TGACCCGAATCGCTACTTGTT	