

Table 2 Primers used for sorghum in this study

Primer name	Sequence (5'→3')	Annealing temperature (°C)
cDNA cloning		
sGBSSIIF	AGCACTAGCAGCCGCGAGGTCATC	60
sGBSSIIR	AACTGGTGGTTTTGCCGGTGTCTG	
sSSIIaF	ATGTCGTCGGCGGCCGTGTCGTCC	65
sSSIIaR	CCTCTGTCAACGCACCAACCCCCAGC	
sSSIIbF	AAGCAGCAGCAGCAGTAGCGT	63
sSSIIbR	AGGCATCACCGTAGCTCACATACA	
sSSIIcF	CTCCAATGGCGGCTTCTACTTTC	60
sSSIIcR	CCTCCTGTACCAAAAGCGTCTAA	
sSSIIIaF1	TCTATAAATGGAGATGGCCCTACG	60
sSSIIIaR1	AGCAAGCTCTTGAAGCATCCTCTG	
sSSIIIaF2	GGAGTCACCTAATGATAACGTGGA	60
sSSIIIaR2	CTAACTGAAGACAAGGAGAGGCTG	
sSSIIIbF1	GGGCTGAGGGGGGAGGTTTTGC	60
sSSIIIbR1	CTTCCCATAGACACATCCAACCCA	
sSSIIIbF2	TGGGTTGGATGTGTCTATGGGAAG	60
sSSIIIbR2	AGAACTGGTCCGAACCTCCGAAGTC	
Semi-RT-PCR		
SbGBSSIIF	TGACCACCCGCTGTTCCCTTGAG	56
SbGBSSIIR	ACGGCGATGTACTTGTCCCTTGC	
SbGBSSIIF	CAACAACGGCACCTGAAGCAAG	58
SbGBSSIIR	CTCAACATCTCGCCAGCCACC	
SbSSIIF	GATGGGTTGGATTTAGTGTTT	52
SbSSIR	CACGTGAAGTCTTTTGACATG	
SbSSIIaF	ACCCAAGGCTTTAGCGAGAAG	56
SbSSIIaR	CAGGAGTGCAGTGTGCCAATC	
SbSSIIbF	AGAAGCCCGAGATTTAGGTGTG	56
SbSSIIbR	CACGACCCTGATGAGCAATG	
SbSSIIcF	GACACCACTTACGGAGAATC	58
SbSSIIcR	GATGTCAGTTCGGTTCAC	
SbSSIIIaF	TTATTTGAGATTTCTTGGCTG	58
SbSSIIIaR	ATGTTATTCGGAAGGGTAGC	
SbSSIIIbF	CTACATTCCAAGCAGGCATAC	56
SbSSIIIbR	TTTCAGCACCCCTCCCTTCTC	
SbSSIVF	CAAGATATGGACTGGGACTGT	52
SbSSIVR	GCCACAATATGCTAAATCCTG	
ActF	GGAACCGGTATGGTCAAGGC	60
ActR	AGTCTCGTGAATGCCAGCAG	