

Primers used in this study

Name	Sequence(5'-3')	Purpose
GSP-5'RACE	GACAGGCATATAGGGTATTTTC	5' RACE
LcMYB2-F	ATGACGAGGCGGTGCTCGCAC	Full length amplification
LcMYB2-R	GACAGGCATATAGGGTATTTTC	Full length amplification
LcMYB2-ORF-F:	ATGACGAGGCGGTGCTCGCAC	open reading frame amplification
LcMYB2-ORF-R:	TCAAACCTGCATGGATTGGGCTG	open reading frame amplification
Semi-qPCR-LcMYB2-F	CGGCGTTCTACCCATCAT	Semiquantitative PCR
Semi-qPCR-LcMYB2-R	TGTTGTTTCCCTGACTTAGGTC	Semiquantitative PCR
Semi-qPCR-LcActin-F	GCACCCTGTGTTGCTCACT	Semiquantitative PCR
Semi-qPCR-LcActin-R	TACCTTGATCTTCATGCTGCTC	Semiquantitative PCR
qPCR-LcMYB2-F	GGGCCTTCCTAGTCAAGTCTTACAGA	Quantitative PCR
qPCR-LcMYB2-R	GTACAAGCGCAGGAGCTTACGC	Quantitative PCR
qPCR-LcActin-F	GTGCTTTCCCTCTATGCAAGTGGT	Quantitative PCR
qPCR-LcActin-R	CTGTTCTTGGCAGTCTCCAGCTC	Quantitative PCR
pCAMBIA1302-LcMYB2-GFP-F	CGACTAGTATGACGAGGCGGTGCTCGCAC	Subcellular location
pCAMBIA1302-LcMYB2-GFP-R	CCCATGGAACCTGCATGGATTGGGCTG	Subcellular location
pBridge-LcMYB2-F	GGAATTCATGACGAGGCGGTGCTCGCACT	Transcription activity assay
pBridge-LcMYB2-R	CGGGATCCTCAAACCTGCATGGATTGGGCT	Transcription activity assay
p3301-121-LcMYB2-F	CGGGATCCATGACGAGGCGGTGCTCGCAC	Genetic transformation
p3301-121-LcMYB2-R	CGAGCTCTCAAACCTGCATGGATTGGGCTG	Genetic transformation
qPCR-AtACTIN-F	TGCTGACCGTATGAGCAAAG	Quantitative PCR
qPCR-AtACTIN-R	GATTGATCCTCCGATCCAGA	Quantitative PCR
qPCR-AtMYB2-F	AACGTCTTCGAATCTCCGGCTGA	Quantitative PCR
qPCR-AtMYB2-R	ATCGTTGAACTCTCCGAAACCCGT	Quantitative PCR
qPCR-AtP5CS1-F	TAGCACCCGAAGAGCCCAT	Quantitative PCR
qPCR-AtP5CS1-R	TTTCAGTTCCAACGCCAGTAGA	Quantitative PCR
qPCR-AtLEA14-F	GATTTCTTCTGATCGACAAAACCTA	Quantitative PCR
qPCR-AtLEA14-R	AGCAAACCCAACCTATTACATTACG	Quantitative PCR
qPCR-AtDREB2A-F	AAACCTGTGCAACAACAGCAGG	Quantitative PCR
qPCR-AtDREB2A-R	TTAAGCCTGCAAACACATCGTCGC	Quantitative PCR
qPCR-CHIP-AtP5CS1-F1	TCCAGACCACTGCGGACTATAATTGATGAA	CHIP-enrichment
qPCR-CHIP-AtP5CS1-R1	GCGGTTGGGGCGGACAAAAC	CHIP-enrichment
qPCR-CHIP-AtP5CS1-F2	ATCTAGGCTATGAATGAAGGCAGCGGACAA	CHIP-enrichment
qPCR-CHIP-AtP5CS1-R2	GTTGCGGACCATCTGCGGACC	CHIP-enrichment
qPCR-CHIP-AtP5CS1-F3	AATAGAGCACATGCACAGAGGACCATTGAT	CHIP-enrichment
qPCR-CHIP-AtP5CS1-R3	CGGCTTGATGCGATTAGGGTCTCAGATG	CHIP-enrichment
qPCR-AtLEA14-CHIP-F1	GCCTGTGGCCCATTTAAGTTTGACCTT	CHIP-enrichment
qPCR-AtLEA14-CHIP-R1	CCATATGCACGTCCGGTGAATGTAGTAGT	CHIP-enrichment
qPCR-AtLEA14-CHIP-F2	ACCATGCGAGGCGTAGGTTTGACTT	CHIP-enrichment
qPCR-AtLEA14-CHIP-R2	AGTGAAAGGGATTGGAAGAAGCGTGTC	CHIP-enrichment
qPCR-AtLEA14-CHIP-F3	TTTGTAGTTGGTGGGTTTGACTCTTTGGT	CHIP-enrichment
qPCR-AtLEA14-CHIP-R3	GCGTGAGAGTTTCCGGCGTGAA	CHIP-enrichment

qPCR-AtDREB2A-CHIP-F1	CGAGAAAGAGCAGATGAGACAGTGTGTGT	CHIP-enrichment
qPCR-AtDREB2A-CHIP-R1	CGACGAGTGTCTCCCGAATCTTCT	CHIP-enrichment
qPCR-AtDREB2A-CHIP-F2	CGATGCCGTTAGAGACACGTAGTGGATGAA	CHIP-enrichment
qPCR-AtDREB2A-CHIP-R2	TCGCAAGTTGTAGCAAAGCAGCAGTCA	CHIP-enrichment
qPCR-AtDREB2A-CHIP-F3	AGAGCCGCTACATGATCTACGAGGTT	CHIP-enrichment
qPCR-AtDREB2A-CHIP-R3	GCTTCTCTGTGGCAATATCCTGTGACC	CHIP-enrichment
qPCR-LcDREB2-CHIP-F1	GCGAAGTGCAGAGCTGGAGAAGGT	CHIP-enrichment
qPCR-LcDREB2-CHIP-R1	ATCAGTGGTGGCAAGCGTGGAGTC	CHIP-enrichment
qPCR-LcDREB2-CHIP-F2	CGGGCTGGAGAAAGAACGAGAGGAAGAAG	CHIP-enrichment
qPCR-LcDREB2-CHIP-R2	ATGCCACCGCCGAGAAACAAGGG	CHIP-enrichment
qPCR-LcDREB2-CHIP-F3	TCCTGGCGTAGCTGGAAGTCTCA	CHIP-enrichment
qPCR-LcDREB2-CHIP-R3	CGGTAGAAACAACCTCTCGGTAGTCATCTCA	CHIP-enrichment
