

Table S1. List of primers used in this study.

Primer Name	Primer Sequence (5'→3')	Purpose
<i>MbMYB108</i> -F	ATGAATTACATTGCTAACCACGGCG	full-length cDNA of <i>MbMYB4</i>
<i>MbMYB108</i> -R	TCAAATGCTGCTGAGATGCTGTTGT	full-length cDNA of <i>MbMYB4</i>
<i>site</i> -F	GCTCTAGAATGGATGCTTTCTCT	PCR for restriction site insertion
<i>site</i> -R	CGGGATCCAATGGAAAACTCC	PCR for restriction site insertion
<i>MbMYB108</i> -qF	GCTAACCACGGCGAAGGCC	qPCR
<i>MbMYB108</i> -qR	TTCCAGAATCAAAAGCTGTTCTTCA	qPCR
<i>Actin</i> -F	ACACGGGGAGGTAGTGACAA	qPCR
<i>Actin</i> -R	CCTCCAATGGATCCTCGTTA	qPCR
<i>HR</i> -F	GGACAGGGTACCCGGGGATCCATGAATTACATTGCTAACCACG	qPCR
<i>HR</i> -R	GCG	PCR for homologous recombination
<i>AtCBF1</i> -F	CTGGCATGCCTGCAGGTCGACAAATGCTGCTGAGATGCTGTT	PCR for homologous recombination
<i>AtCBF1</i> -R	GTAAG	qPCR
<i>AtCBF3</i> -F	TCGGGACTTTCCAAACCG	qPCR
<i>AtCBF3</i> -R	CCATCTCCTTCGCCGTCAT	qPCR
<i>AtCOR15a</i> -F	TCCGGTAAGTGGGTTTGAG	qPCR
<i>AtCOR15a</i> -R	AACTCGGCATCTCAAACATCG	qPCR
<i>AtRD29a</i> -F	CAACAGAGGAATCACCAGCGA	qPCR
<i>AtRD29a</i> -R	CTCTGCTGCTTGTCTGTTGTT	qPCR
<i>AtNCED3</i> -F	CAACGAGGGGAAGATAAAAGTGT	qPCR
<i>AtNCED3</i> -R	AGCCAGATGATTTTGAGCCT	qPCR
<i>AtSnRK2.4</i> -F	ATGGCTTCTTCACGGCACGG	qPCR
<i>AtSnRK2.4</i> -R	TTCTTTTGGCCTCGGACG	qPCR
<i>AtCAT1</i> -F	GAGGAAATGGGGATGCAGAT	qPCR
<i>AtCAT1</i> -R	TTCTCACTTCTCCACTTGCG	qPCR
<i>AtP5CS</i> -F	CGCCATGCCGAAAAATACCC	qPCR
<i>AtP5CS</i> -R	CTTGCTGTCTGAATCCCAGGAC	qPCR
<i>AtActin</i> -F	GATACGGATATGGCAAAGCG	qPCR
<i>AtActin</i> -R	CCAAGTCCAAATCGGAAACC	qPCR
	CCCCTATGTATGTGCG	qPCR
	AAGGTCAAGACGGAGGAT	

ATGAATTACATTGCTAACCACGGCGAAGGCCGCTGGAACCTCCTCGCTGCGCAGGTCTGAAAAGAACTGGAAGAGCTGCAGATTG
 M N Y I A N H G E G R W N S L A R C A G L K R T G A K S C R L
 CGGTGGCTCAACTATCTCGCCCTGATGTCGTCGTTGAACATCAGTCTTGAAGAACAGCTTTGATTCTGGAAGCTCATTCTCGCTGG
 R W L N Y L R P D V R R G N I S L E E Q L L I L E L H S R W
 GGTAAACAGATGGTCGAAAATTGCACAGCACTTGCCAGGAAGGACTGACAATGAGATAAAAACTATTGGAGGACCCGTGTCCAAAACAT
 G N R W S K I A Q H L P G R T D N E I K N Y W R T R V Q K H
 GCCAAGCAACTCAAATGTGATGTCAACAGCAAGCAGTTCAAGGACACCATGAGATACCTCTGGATGCCTAGATTGGTCGAAAGAATCAA
 A K Q L K C D V N S K Q F K D T M R Y L W M P R L V E R I Q
 GCCGCCGCGGCCACCTCCACTGCCACTAACGCCACCGCGCTAATTCCTCTATCGCTGCCCCAGCTACCACTCACCCTCAACAACAAC
 A A A A T S T A T N A T A A N S S I A A P A T T H H F N N N
 AACATTAACAACCTCCAATCATCAGCACAAATGTTATTACAGCCAAGTCAACATCACTTCGGGGTTTCATCACACTCCCAACTCACACCG
 N I N N F Q S S A Q M L L Q P S H H F G V S S H S Q L T P
 AGTTACAGTACCCCGGAGAATTCTAGTACGGCGGCTCATCGGACTCGTTTGGGACTCAGGTATCACCTGTTTCCGACCTCACTGATTAC
 S Y S T P E N S S T A A S S D S F G T Q V S P V S D L T D Y
 TACACCCCTACTACTGCTGCTGCGGCTATCTCGGTTAACAATAACCTACCCGGATAATAGTTACTTCGTCAGGCCAATCATCAAGTT
 Y T P T T A A A A I S V N N N P T P D N S Y F V Q A N H Q V
 GGTACTTACGACAACACTACTCGGGTACTTCGGTAATCAAGGGTTCGGATTAGAACATTTCCAAAACATGGACGAGCAAAACAACATGAT
 G T Y D N Y S G Y F G N Q G F G L E H F Q N M D E Q N N N D
 CAGTGGGGCACTGTGTACAGTGGGGACATATCGGACAATTGGTGGAATGTTGAGGACATGTGGTTCTTACAACAGCATCTCAGCAGCATTGA
 Q W G T V Y S G D I S D N W W N V E D M W F L Q Q H L S S I *

Figure S1. Nucleotide and deduced amino acid sequences of *MbMYB108* gene. The underlined part was that the R2 and R3 conserved domains of *MbMYB108* gene which were also characteristic domains of R2R3-MYB TFs.