

Supplemental Table III. Oligonucleotide Sequences.

MYB112 T-DNA insertion lines

SALK_LP	5'-GCAAGAGTCGGTTTTAACAAAAAC
SALK_RP	5'-TTAGATGAGAGGGCCAAATCC
GK_LP	5'-AACGTCTCAATTTACATGGG
GK_LP	5'-GGAGTTCCATCTTCCTTCACC
LB	5'-GCGTGGACCGCTTGCTGCAACT

35S:MYB112

MYB112-OE-fwd.	5'- <u>AAGCTT</u> ATGAATATAAGTAGAACAGAATTCGCA	added <i>Hind</i> III site underlined
MYB112-OE-rew.	5'- <u>AAGCTT</u> CTACTGTATGAGCCACTTGTTGA	added <i>Hind</i> III site underlined

35S:MYB112-GFP

MYB112-GFP-OE-fwd.	<u>AAAAAGCAGGCTTA</u> ATGAATATAAGTAGAACAGAATTCG	<i>attB</i> site for Gateway cloning underlined
MYB112-GFP-OE-rew.	<u>AGAAAGCTGGGT</u> CTACTGTATGAGCCACTTGTTGA	<i>attB</i> site for Gateway cloning underlined

MYB112 IOE

MYB112-IOE-fwd.	5'- <u>CTCGAG</u> ATGAATATAAGTAGAACAGAATTCGCA	added <i>Xho</i> I site underlined
MYB112-IOE-rew.	5'- <u>ACTAGT</u> CTACTGTATGAGCCACTTGTTGA	added <i>Spe</i> I site underlined

MYB44 IOE

MYB44-IOE-fwd.	5'-AGTCG <u>CTCGAG</u> ATGGCTGATAGGATCAAAGG	added <i>Xho</i> I site underlined
MYB44-IOE-rew.	5'-TCATC <u>ACTAGT</u> CTACTCGATTCTCCCAACT	added <i>Spe</i> I site underlined

ProMYB112:GUS

MYB112:GUS-fwd.	5'- <u>GAATTC</u> GAATAGGGGGAGTATTATTTTTGAA	added <i>Eco</i> RI site underlined
MYB112:GUS-rew.	5'- <u>CCATGG</u> GCTTTGAGATTCTTAGAACTTGTG	added <i>Nco</i> I site underlined
MYB112:nested-rew.	5'-TCCATGGACCTCTCCTTATTTCT	

MYB112 CELD

MYB112-CELD-fwd.
MYB112-CELD-rev.

5'-GTATAAG**GCTAGCA**AATATAAGTAGAACAGAATTCGC
5'-CATGTC**GGATCC**CTGTATGAGCCACTTGTTGAG

added *NheI* site underlined
added *Bam*HI site underlined

Pro:Fluc

MYB32:LUC-fwd.
MYB32:LUC-rev.
MYB7:LUC-fwd.
MYB7:LUC-rev.
MYB6:LUC-fwd.
MYB6:LUC-rev.
CIPK18:LUC-fwd. (Neg)
CIPK18:LUC-rev. (Neg)

5'-**CACC**CTTATTTCAAATATCCCC
5'-CTTTCTTCTTCTGATTCTTGTG
5'-**CACC**GCGTGTGCATCAACTAT
5'-AATCAAAGTTAAGGTGTATATTGG
5'-**CACC**CACTTGGATTTCTCTC
5'-GTGAATGAAGAAGATGGTGTAAAG
5'-**CACC**CTTAAGCAAATTCGC
5'-CCGTTGCCAAAGAAAGAGC

underlined nucleotides allow for directional TOPO cloning
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ChIP-qPCR

At3g18040-fwd. (neg. 1)
At3g18040-rev. (neg. 1)
AT2G22180-fwd. (neg. 2)
AT2G22180-rev. (neg. 2)
MYB6_1-fwd.
MYB6_1-rev.
MYB6_2-fwd.
MYB6_2-rev.
MYB7-fwd.
MYB7-rev.
MYB32_1-fwd.
MYB32_1-rev.
MYB32_2-fwd.
MYB32_2-rev.

5'-CTATCTTCCGCATCCTTCGGA
5'-TCTCAGGTATGGCGTGCTTCTC
5'-GTTGCGTATGAAGATGACGTGG
5'-GCCGAGTTAACGACGTGCTTAT
5'-AGGAGAAAAAGTAAAGAGACAAGAAAA
5'-TGGAGATAAAGTGAGGCTGTGC
5'-CACAAACACAGCAAAGCACAGCC
5'-CCCATGGTGAATGAAGAAGATGGTG
5'-TCAAAAATAATTGCAAAAGATGCCCA
5'-TAACCAGACCCGGCCCAACATA
5'-TGGAAGGTCACGAACCACTCCC
5'-ACACAAACAAGGTTGGTTTTGAGGG
5'-ACTTAATTTGGTCATTTGGATGCCC
5'-TGGATGGTTTTCGTACTGCAACG