

Table S1. Primer information.

Primer Name	Primer Sequence
Primer for qRT-PCR	
<i>Csβ-actin-q-F</i>	GCCATCTTTGATTGGAATGG
<i>Csβ-actin-q-R</i>	GGTGCCACAACCTTGATCTT
<i>CsMYB13-q-F</i>	AGGCTACCAGGGCGAACAG
<i>CsMYB13-q-R</i>	TTTGGCTCGGACCACATCA
<i>CsMYB19-q-F</i>	AACCTCAGCCAGAAATGC
<i>CsMYB19-q-R</i>	AACTCACAAGGCGTCCAG
<i>CsMYB29-q-F</i>	CCTTGAGTGAGTTGGTGAT
<i>CsMYB29-q-R</i>	CCAGCATTCTTCGGCATA
<i>CsMYB31-q-F</i>	ACAGACAAACCCGGCAAAC
<i>CsMYB31-q-R</i>	TGGTGACCTGGAGGAAGC
<i>CsMYB33-q-F</i>	ACAAGGAAGGTGAGGGACG
<i>CsMYB33-q-R</i>	GTTGCCGAGAAGGCGATG
<i>CsMYB34-q-F</i>	CGCTGCGGAAAGAGTTGC
<i>CsMYB34-q-R</i>	TGGAGGCGGAGAATGAGG
<i>CsMYB45-q-F</i>	CTCCCTCACCTATCCTTACCC
<i>CsMYB45-q-R</i>	CACCACTGCGTTCCTAATCG
<i>CsMYB46-q-F</i>	GGAACCGACCCGAATACC
<i>CsMYB46-q-R</i>	TTGAGGAAGAACCGCCAC
<i>CsMYB47-q-F</i>	GTCAGGGTTGCGTAGATG
<i>CsMYB47-q-R</i>	GGAGATTCGAGGACAGAAG
<i>CsMYB62-q-F</i>	GGACGAACCGACAACGAAA
<i>CsMYB62-q-R</i>	TGCTGGTGGTGGTGATGGA
<i>CsMYB79-q-F</i>	ATTATCCAGTCACGGCCCATCC
<i>CsMYB79-q-R</i>	CCGCCATTCCAAGCATTTAGT
<i>CsMYB81-q-F</i>	GGGAGATTGCCAGGACGAA
<i>CsMYB81-q-R</i>	CACGGTCTTTAGAAGCAGATGAG
<i>CsMYB82-q-F</i>	ATCTCCGTCCAGGTATCAA
<i>CsMYB82-q-R</i>	AACCCAAATCAGGAAATCG
<i>CsMYB97-q-F</i>	ATGATTGGTGGGATGAGC
<i>CsMYB97-q-R</i>	TAGGATGGACCAGCAAAG
<i>CsMYB105-q-F</i>	GGTGCTCCTTGATTGCTG
<i>CsMYB105-q-R</i>	GGCGTGCTTTCTTGTTCC
<i>CsMYB116-q-F</i>	CCCAAGTCCCTTCTTTATCTC
<i>CsMYB116-q-R</i>	TATTTCCATCCTAAGCCAACG
Primer for gene cloning	
<i>CsMYB45-F</i>	ATGGCTTCTTTGTCTAGGAAGGA
<i>CsMYB45-R</i>	CTCGATCTTGCTAATCCCAATC
<i>CsMYB46-F</i>	ATGGGAAGGGCTCCATGTT
<i>CsMYB46-R</i>	TATCAGCAAAGATTCAGCAAAG
<i>CsMYB105-F</i>	ATGGCTCCGAAGAGCAGT
<i>CsMYB105-R</i>	CCATTTATCGGTAAGTGCC
Primer for subcellular localization assays	
<i>CsMYB45-attb-F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGCTTCTTTGTCTAGGA AGGA
<i>CsMYB45-attb--R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCGATCTTGCTAATCCCAA TTC
<i>CsMYB46-attb--F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGGAAGGGCTCCATGTT
<i>CsMYB46-attb--R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTCTATCAGCAAAGATTCAGCAA AG
<i>CsMYB105-attb--F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGCTCCGAAGAGCAGT GA
<i>CsMYB105-attb--R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTCCCATTATCGGTAAGTGCCT GAT
Primer for prokaryotic expression assay	

pGEX-4T-1-*CsMYB45*-F
pGEX-4T-1-*CsMYB45*-R
pGEX-4T-1-*CsMYB46*-F
pGEX-4T-1-*CsMYB46*-R
pGEX-4T-1-*CsMYB105*-F
pGEX-4T-1-*CsMYB105*-R

**Primer for yeast two-hybrid and BiFC
assay**

CsMYB45-BD-F
CsMYB45-BD-R
CsMYB46-BD-F
CsMYB46-BD-R
CsMYB105-BD-F
CsMYB105-BD-R
CsJAZ3-AD-F
CsJAZ3-AD-R
CsJAZ10-AD-F
CsJAZ10-AD-R
CsJAZ11-AD-F
CsJAZ11-AD-R

pCAMBIA 1300-35S-C-YFPC-*CsMYB46*-F
pCAMBIA 1300-35S-C-YFPC-*CsMYB46*-
R
pCAMBIA 1300-35S-C-YFPC-*CsMYB105*-
F
pCAMBIA 1300-35S-C-YFPC-*CsMYB105*-
R
pCAMBIA 1300-35S-C-YFPN-*CsJAZ3*-F
pCAMBIA 1300-35S-C-YFPN-*CsJAZ3*-R
pCAMBIA 1300-35S-C-YFPN-*CsJAZ10*-F
pCAMBIA 1300-35S-C-YFPN-*CsJAZ10*-R
pCAMBIA 1300-35S-C-YFPN-*CsJAZ11*-F
pCAMBIA 1300-35S-C-YFPN-*CsJAZ11*-R

CGCGTGGATCCCCGGAATTCATGGCTTCTTTGTCTAGGAAGGA
GCTCGAGTCGACCCGGGAATTCCTCGATCTTGCTAATCCCAATTC
CGCGTGGATCCCCGGAATTCATGGGAAGGGCTCCATGTT
GCTCGAGTCGACCCGGGAATTCATCAGCAAAGATTCAGCAAAG
CGCGTGGATCCCCGGAATTCATGGCTCCGAAGAGCAGTGA
GCTCGAGTCGACCCGGGAATTCCTATTCGGTAAGTGCCTGAT

AGGCCGAATTCCTCGGGGATCCATGGCTTCTTTGTCTAGGAAGGA
CCGCTGCAGGTCGACGGATCCCTCGATCTTGCTAATCCCAATTC
AGGCCGAATTCCTCGGGGATCCATGGGAAGGGCTCCATGTT
CCGCTGCAGGTCGACGGATCCCCATTTATCGGTAAGTGCCTGAT
AGGCCGAATTCCTCGGGGATCCATGGCTCCGAAGAGCAGTGA
CCGCTGCAGGTCGACGGATCCCCATTTATCGGTAAGTGCCTGAT
GTGGGCATCGATACGGGATCCATGTCGAGTTCGTCTGGT
CAGCTCGAGCTCGATGGATCCCAAATGGTGCTCAAAGTGC
GTGGGCATCGATACGGGATCCATGTCGAGTTCGTCTGGTTC
CAGCTCGAGCTCGATGGATCCCCATCTTTTCTCTTCTCCA
GTGGGCATCGATACGGGATCCATGGCAAGTTCTCAAGTGTT
CAGCTCGAGCTCGATGGATCCCAAATTTGAGATCAAGCTGTT
GAGCTCGGTACCCGGGGATCCATGGGAAGGGCTCCATGTT

CATGTCGACTCTAGAGGATCCTATCAGCAAAGATTCAGCAAAG

GAGCTCGGTACCCGGGGATCCATGGCTCCGAAGAGCAGTGA

CATGTCGACTCTAGAGGATCCCCATTTATCGGTAAGTGCCTGAT

GAGCTCGGTACCCGGGGATCCATGTCGAGTTCGTCTGGT
CATGTCGACTCTAGAGGATCCCAAATGGTGCTCAAAGTGC
GAGCTCGGTACCCGGGGATCCATGTCGAGTTCGTCTGGTTC
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CATGTCGACTCTAGAGGATCCCAAATTTGAGATCAAGCTGTT

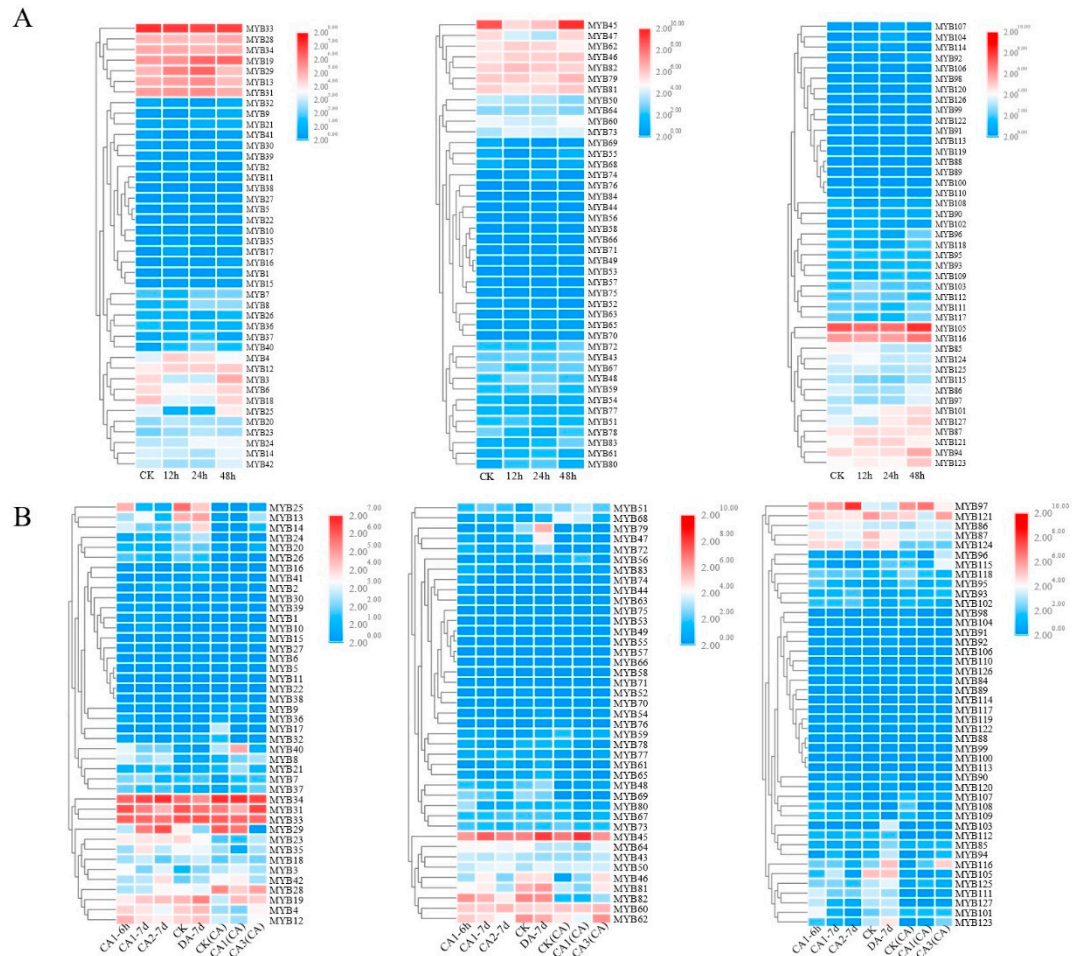


Figure S1. Expression patterns of MYB genes in response to MeJA and cold treatments. A. Gene expression at different time points after MeJA treatment. B. Gene expression at three time periods during the cold acclimation (CA) process, including different periods of CA: non-acclimated (25–20 °C, CK), fully acclimated at 10 °C for 6 h (CA1-6h) and at 10–4 °C for 7 days (CA1-7d), cold response at 4–0 °C for 7 days (CA2-7d), recovery at 25–20 °C for 7 days (DA-7d), and non-acclimated (CK), fully acclimated (CA1), and de-acclimated (CA3)[1].

Reference

1. Wang, X. C., Zhao, Q. Y., Ma, C. L., Zhang, Z. H., Cao, H. L., Kong, Y. M., Yue, C., Hao, X. Y., Chen, L., Ma, J. Q., Jin, J. Q., Li, X. & Yang, Y. J. Global transcriptome profiles of *Camellia sinensis* during cold acclimation. *Bmc Genomics* 14, doi:10.1186/1471-2164-14-415 (2013).