

Table S1 Primer sequences used in cloning sequence

Primer	Sequence (5'-3')
<i>PmMYB4-F</i>	ATGAGCTGCACAACAGGAGG
<i>PmMYB4-R</i>	TTAGCCAAAATAGATCTGAC
<i>ProPmMYB4-F</i>	ATTCATCCCATTTTACCA
<i>ProPmMYB4-R</i>	AGAGTCCTCCTGTTGTGC
<i>ProCCoAOMT-F</i>	TCCACCCTGGTCACTTTC
<i>ProCCoAOMT-R</i>	TGGGTTGTCTGAGCCTTC
<i>ProPAL-F</i>	ATTCTTGGGACCACATTAC
<i>ProPAL-R</i>	CAGAGCAAAACCGAGCAG

Table S2 Primer sequences used in the construction of *pGBKT7-PmMYB4*

Primer	Sequence (5'-3')
<i>pGBKT7-PmMYB4-F</i>	atggccatggaggccgaattcATGAGCTGCACAACAGGAGGA
<i>pGBKT7-PmMYB4-R</i>	ccgctgcaggtcgacggatccGCCAAAATAGATCTGACCTAGCAGA

Table S3 Primer sequences of genes analyzed by real-time RT-PCR.

Primer	Sequence (5'-3')
<i>TUA-F</i>	TGGCTCGAATGCACTGTTGG
<i>TUA-R</i>	TCAACCGCCTTGTCTCTCAGG
<i>PmMYB4-F</i>	CTCCCATCTCCAAACCCA
<i>PmMYB4-R</i>	TAATCCACCTCAGCCTAC
<i>NbCCoAOMT-F1</i>	CTATGGAATGGATCAGTGGTTGC
<i>NbCCoAOMT-R1</i>	CAACGGGAAGCTGACAGATTTC
<i>NbCCoAOMT-F2</i>	TGAAATCTGTCAGCTTCCCGTTG
<i>NbCCoAOMT-R2</i>	AGGTAACATCGAGAATGCAACCT
<i>NbCCoAOMT-F3</i>	GCTAGTTCAAGGCAATGGAGGAT
<i>NbCCoAOMT-R3</i>	GCAGTAGGTAACATCGAGAATGC
<i>Nb4CL-F</i>	GCAGCGATTTTGATTATGCAGA
<i>Nb4CL-R</i>	AGTTCTTTTCCTAATGGTGCAGC
<i>NbHCT-F</i>	AAAACACCACCAACCCTG
<i>NbHCT-R</i>	TCCTGCCAACATCTCGTA
<i>NbPAL-F1</i>	TGCCAACAGGATAAATGAATGCAG
<i>NbPAL-R1</i>	CACCATTCATTCCTTGAGACAT
<i>NbPAL-F4</i>	CCTAACAGGATTACAGAATGCAG
<i>NbPAL-R4</i>	CTCTTGAGGCACTCCAGCATTG
<i>NbCAD-LIKE-F</i>	ATGAAGTGGTGGGAGAAG
<i>NbCAD-LIKE-R</i>	GGGTTTGCCATCAGTGTA
<i>NbRab8-1-F</i>	ACTCTAGAATGGCTGCTCCACCTGCTAGAGCTA
<i>NbRab8-1-R</i>	ATGGTACCAGAACCACAACAAGCTGATTTCTG

Primer	Sequence (5'-3')
<i>NbRab8-5-F</i>	ACTCTAGAATGGCCACTCCACCCGCTAGAGCT
<i>NbRab8-5-R</i>	ATGGTACCAGAGCCACAGCAAGCTGATTTTG
<i>Actin-F</i>	GAATCCACGAGACCACATACAAC
<i>Actin-R</i>	TTAATCTTCATGCTGCTTGGAGC

Table S4 Primer sequences used in the construction of *PmMYB4* overexpression lines.

Primer	Sequence (5'-3')
<i>PmMYB4-OE-F</i>	gagaacacgggggactctagaATGAGCTGCACAACAGGAGGA.
<i>PmMYB4-OE-F</i>	ggactgaccacccgggatccTTAGCCAAAATAGATCTGACCTAGCA

Table S5 Primer sequences used in the Y1H assay.

Primer	Sequence (5'-3')
<i>MYB4-AD-F</i>	gccatggaggccagtgatcATGAGCTGCACAACAGGAGGA
<i>MYB4-AD-R</i>	tatcgatgccaccctctagaTTAGCCAAAATAGATCTGACCTAGCA
<i>AC-I-F</i>	AATTCACCTACCACCTACCACCTACCGAGCT
<i>AC-I-R</i>	CGGTAGGTGGTAGGTGGTAGGTG
<i>AC-II-F</i>	AATTCACCAACCACCAACCACCAACCGAGCT
<i>AC-II-R</i>	CGGTTGGTGGTTGGTGGTTGGTG
<i>AC-III-F</i>	AATTCACCTAACACCTAACACCTAACGAGCT
<i>AC-III-R</i>	CGTTAGGTGTTAGGTGTTAGGTG
<i>SMRE4-F</i>	AATTCACCAACTACCAACTACCAACTGAGCT
<i>SMRE4-R</i>	CAGTTGGTAGTTGGTAGTTGGTG
<i>mAC</i>	AATTCACCGAATACCGAATACCGAATGAGCT
<i>mAC</i>	CATTCGGTATTCGGTATTCGGTG

Table S6 Primer sequences used in LUC/GUS activity assay.

Primer	Sequence (5'-3')
<i>PmMYB4-SK-F</i>	tccccgggctcgaggaattcATGAGCTGCACAACAGGAGGA
<i>PmMYB4-SK-R</i>	gtcgacggtatcgataagcttTTAGCCAAAATAGATCTGACCTAGCA
<i>ProCCoAOMT-LUC-F</i>	gtcgacggtatcgataagcttTCCACCCTGGTCACTT
<i>ProCCoAOMT-LUC-R</i>	cgctctagaactagtgatccTTCTCAAAACGTGAAAACAGTTG
<i>ProPAL-LUC-F</i>	gtcgacggtatcgataagcttATTCTTGGGACCACATTACACACTAT
<i>ProPAL-LUC-R</i>	cgctctagaactagtgatccCAGAGCAAAACCGAGCAGGG
<i>PmMYB4-35S-F</i>	gagaacacgggggactctagaATGAGCTGCACAACAGGAGGA.
<i>PmMYB4-35S-R</i>	ggactgaccacccgggatccTTAGCCAAAATAGATCTGACCTAGCA
<i>ProCCoAOMT-GUS-F</i>	gagaacacgggggactctagaTCCACCCTGGTCACTTTCCG

