

Supplementary Table S1. Anthocyanin-related R2R3-MYB regulators from various species

R2R3 regulator	Species	Accession number
AmROS1	<i>Antirrhinum majus</i>	ABB83826
AtPAP1	<i>Arabidopsis thaliana</i>	AAG42001
AtTT2	<i>Arabidopsis thaliana</i>	CAC40021
BoTT2	<i>Brassica oleracea</i>	ADP76653.1
CmMYB6	<i>Chrysanthemum morifolium</i>	KR002097.1
DpMYB1	<i>Dahlia pinnata</i>	AB601003
GmMYB10	<i>Garcinia mangostana</i>	ACM62751.1
GhMYB10	<i>Gerbera hybrida</i>	CAD87010
InMYB1	<i>Ipomoea nil</i>	BAE94391
LhMYB6	<i>Lilium hybrida</i>	BAJ05399
MdMYB10	<i>Malus × domestica</i>	ACQ45201
NtAN2	<i>Nicotiana tabacum</i>	ACO52470.1
OsC1	<i>Oryza sativa</i>	BAD04024
PhAN2	<i>Petunia × hybrida</i>	AAF66727
RsMYB1	<i>Raphanus sativus</i>	AKM95888.1
SIANT1	<i>Solanum lycopersicum</i>	AAQ55181.1
TaPpm1	<i>Triticum aestivum</i>	MG066451
ZmC1	<i>Zea mays</i>	AAA33482
ZmPL	<i>Zea mays</i>	AAA19819

Supplementary Table S2. List of primers used in this study.

Usage	Primer name	Primer sequence (5'-3')
Gene expression	qRT-CaAN2-F	AGATTGCCGGAAGAAGCAAAAC
	qRT-CaAN2-R	TTGCACTTGATGAGAAGGTCCGAG
	qRT-CaTT8-F	GCCAAAATTCAGACAGTGGT
	qRT-CaTT8-R	TCTTCTTCGTGCTCTTCGTT
	qRT-CaPAL-F	ATTGATTTTTGCAAGAAATCAATTC
	qRT-CaPAL-R	GCTCCACTTTAGCCCCAC
	qRT-CaC4H-F	GATTCCTTCCATTCGGTGTT
	qRT-CaC4H-R	CCTTTCTCCGTGGTGTCG
	qRT-Ca4CL-F	CTGGACCAGTGCTGGCAAT
	qRT-Ca4CL-R	GGTTACGGGGCAAAGAACAA
	qRT-CaCHS-F	GTGGAACCGTTATCCGACTAGCAA
	qRT-CaCHS-R	GTATCACTTGGGCCACGGAAAGTA
	qRT-CaCHI-F	CCTCCTGGTTCTACACCACC
	qRT-CaCHI-R	CTTTGCGGCAGGTGAAACTC
	qRT-CaF3H-F	ACGCTGATCATCAAGCAGTG
	qRT-CaF3H-R	CTGAAGAGGTTGCCGAAAAG
	qRT-CaDFR-F	CAAGGCAGAGGGAAGATTCA
	qRT-CaDFR-R	TCTGTCGGCAAGTCTCAATG
	qRT-CaANS-F	CAAATGCCCACAACCAGAACTAGC
	qRT-CaANS-R	CGCACTTTGCAGTTACCCACTTTC
	qRT-CaUFGT-F	CCTGAGAGTCATGTACATGGAGG
	qRT-CaUFGT-R	TCCAATAATTCTAGTTCCTCGG
	qRT-CaACTIN-F	CCACCTCTTCACTCTCTGCTCT
	qRT-CaACTIN-R	ACTAGGAAAAACAGCCCTTGGT
	qRT-NtPAL-F	ATTGAGGTCATCCGTTCTGC
	qRT-NtPAL-R	ACCGTGTAACGCCTTGTTTC
	qRT-Nt4CL-F	TCATTGACGAGGATGACGAG
	qRT-Nt4CL-R	TGGGATGGTTGAGAAGAAGG

	qRT-NtCHS-F	TTGTTCGAGCTTGTCTCTGC
	qRT-NtCHS-R	AGCCCAGGAACATCTTTGAG
	qRT-NtCHI-F	GTCAGGCCATTGAAAAGCTC
	qRT-NtCHI-R	CTAATCGTCAATGCCCCAAC
	qRT-NtF3H-F	CAAGGCATGTGTGGATATGG
	qRT-NtF3H-R	TGTGTCGTTTCAGTCCAAGG
	qRT-NtF3'H-F	AGGCTCAACACTTCTCGT
	qRT-NtF3'H-R	CATCAACTTTGGGCTTCT
	qRT-NtDFR-F	AACCAACAGTCAGGGGAATG
	qRT-NtDFR-R	TTGGACATCGACAGTTCCAG
	qRT-NtANS-F	TGGCGTTGAAGCTCATACTG
	qRT-NtANS-R	GGAATTAGGCACACACTTTGC
	qRT-NtUFGT-F	CAATGTTTGGGATGGTGTCA
	qRT-NtUFGT-R	TCCTCCTCTGCCTCTTTCA
	qRT-NtAN2-F	GTAGACTTCCTGGAAGGACGGCAA
	qRT-NtAN2-R	GGCCGAGGTCTGAATATGGTGATC
	qRT-NtAN1-F	CTTGAACACTTCTCAAACCGA
	qRT-NtAN1-R	TGCTAGGGCACAATGTGAAG
	qRT-NtMYB3-F	CCGGGGAGAACTGATAATGA
	qRT-NtMYB3-R	TTTCTGGCCAAAACCTCAAGG
	qRT-NtETC1-F	TCCTCCTGATTCTCAAGGAAA
	qRT-NtETC1-R	TCCGGGTATTCTTCCAGCTA
	qRT-NtGAPDH-F	GGTGTCCACAGACTTCGTGG
	qRT-NtGAPDH-R	GACTCCTCACAGCAGCACCA
Gene cloning	CaAN2-F	ATGAATACTGCTATTATTGCCAAGTCCTCTG
	CaAN2-R	CTAATTAAGTAGATTCCATAGGCCAATATCAG
	pDONR-CaAN2-F	AAAAAAGCAGGCTCCATGAATACTGCTATTATTG
	pDONR-CaAN2-R	GTACAAGAAAGCTGGGTCCTAATTAAGTAGATTC