

Supplementary information

Title of the paper:

Identification of an R2R3-MYB gene regulating tepal background coloration in *Tricyrtis* sp.

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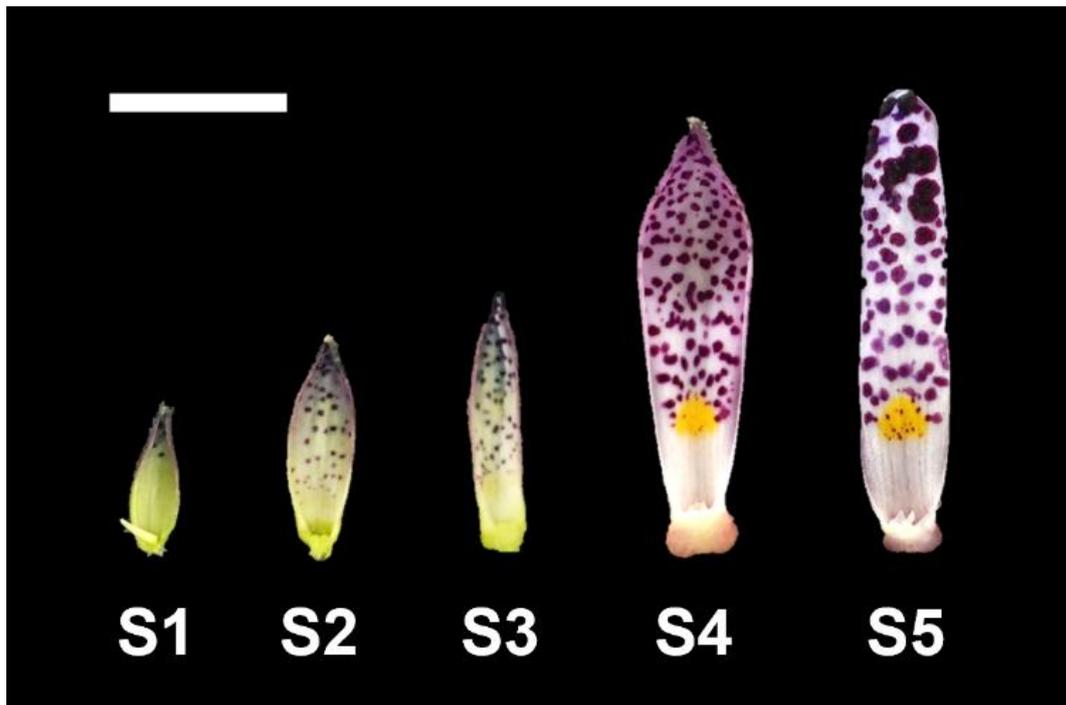


Figure S1. Flower pigmentation phenotypes on the adaxial side of the outer tepals at each developmental stage. Bar = 1 cm.

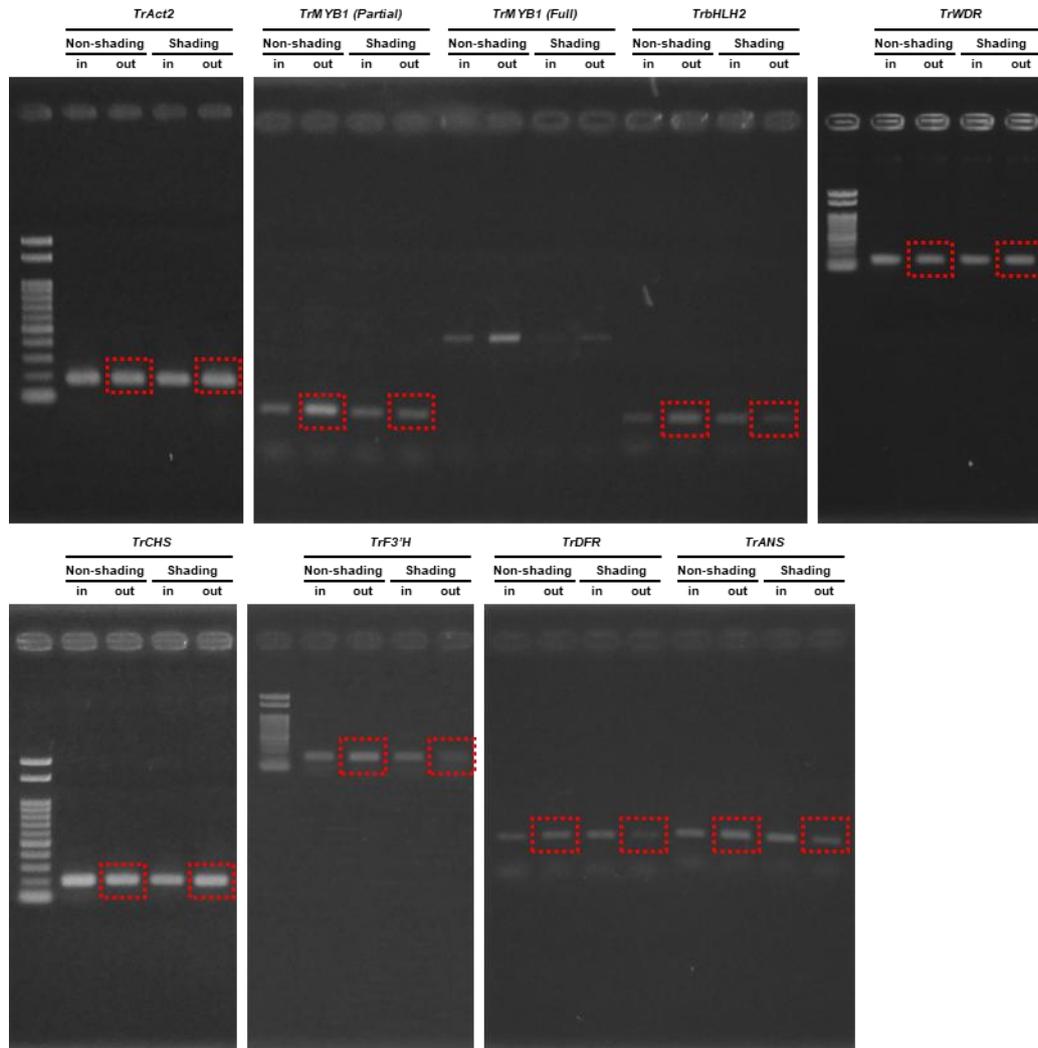


Figure S2. Full-length gel images corresponding to Fig. 1C. Cropped regions are indicated by red boxes. in, inner tepals; out, outer tepals.

Table S1. Primer sets used in the present study

Primer name	Sequence (5'→3')	Note
TrMYB1_RT-PCR_Fw	CTACTCCGGAGATGCGTTGAGAACC	For RT-PCR
TrMYB1_RT-PCR_Rv	CAGTCCTACCGGGAATTCGACCGGC	
TrMYB1_qPCR_Fw	TTGAGCAGCACCAAGAAGATGC	For qRT-PCR
TrMYB1_qPCR_Rv	TGCTCGAAGTCGTTTGGTTGC	
TrbHLH2_RT-PCR_Fw	GCAGATGGAGAACAATCAGAGGTC	For RT-PCR and qRT-PCR
TrbHLH2_RT-PCR_Rv	CACATTGGTACTGAAAGCCTCTACTGC	
TrWDR_RT-PCR_Fw	AGCAAGGTGCAACTCTTGAGG	For RT-PCR and qRT-PCR
TrWDR_RT-PCR_Rv	CACGCTGGAAATCCCACTC	
TrCHS_RT-PCR_Fw	TGGAGGTTAAGTTGGCGTTG	For RT-PCR and qRT-PCR
TrCHS_RT-PCR_Rv	CGCTTCCTCATCTCATCCAG	
TrCHI_RT-PCR_Fw	CCCTCCTGGTGCCTCCATCCTCTTC	For RT-PCR and qRT-PCR
TrCHI_RT-PCR_Rv	CGCTAATGGCAATTGGCTCCTTAGC	
TrF3'H_RT-PCR_Fw	GCGGCGGAGGAGTTTAAGGAGATGG	For RT-PCR
TrF3'H_RT-PCR_Rv	GGCCATTCTACTGTGCTCGAGG	
TrDFR_RT-PCR_Fw	CAATGCCACCCAGTATGATAACC	For RT-PCR
TrDFR_RT-PCR_Rv	CATGAAAAGAACACATATATCTCCC	
TrDFR_qPCR_Fw	CATGTCGCCACTCCGATGGA	For qRT-PCR
TrDFR_qPCR_Rv	ACCGTCCCTGCTTTCTTGCA	
TrANS_RT-PCR_Fw	GACAATTGTGTTGAAGCCGTTG	For RT-PCR and qRT-PCR
TrANS_RT-PCR_Rv	GGCTCCAACCGAAGATTTTATTG	
TrAct2_RT-PCR_Fw	TGCCATGTATGTTGCCATTCAG	For RT-PCR and qRT-PCR
TrAct2_RT-PCR_Rv	AGGGAGTCGGTCAGGTCTCTG	
TrMYB1_cDNA_Fw	GCCCCTGACTTCCACAGTGAG	For cloning into pMD20
TrMYB1_cDNA_Rv	CGGCAGCAATCCACGCTC	
TrMYB1_RNAi_Fw	GATCATTTTGCAAGAAGAAGTGGCAC	For construction of RNAi-mediated knockdown vector
TrMYB1_RNAi_Rv	AATTGTGCCAGTTCTTCTTGCAAAAT	
35Spro150_Fw	TCCAACCACGTCTTCAAAGC	For confirmation of transformation with the overexpression construct
TrMYB1_Rv	CGGTTTCAGTTTCAGTGAGGTGGA	
HPT290_Fw	GTGCTTTCAGCTTCGATGTAGG	For confirmation of transformation with the RNAi construct
HPT290_Rv	GCTCGTCTGGCTAAGATCGG	