

Table 1 Suppl. Primer sequences used for a gene specific amplification, PCR detection, and real-time PCR analysis. Sequence data can be found in the GenBank data library under the accession numbers: *LeMYB1* (KC818628), *PAL* (D83075.1), *HMGR* (X74783.1), *PGT* (AB055078.1), *LeDI-2* (D45901.1), and *LePS-2* (AB047916.1).

Primer types	Primer names	Sequences (5'-3')
ORF cloning primers with restriction sites	LeMYB1-ORF-F	GACTCTAGAAATGGTGAGAGCACCATGTTGTG
	LeMYB1-ORF-R	GGTGGATCCCGGGCCCGCTACTGATTTCCAGC
Vector specific primers	CaMV 35S-F	CACTATCCTTCGCAAGACCTT
	GFP-R-100	GCTGAACTTGTGGCCGTTT
<i>RoIC</i> amplification primers	RoIC-F	CTCCTGACATCAAACCTCGTC
	RoIC-R	TGCTTCGAGTTATGGGTACA
Real-time PCR primers	LeMYB1-Q-F	GGGCCATGGACTACTGAAGAGG
	LeMYB1-Q-R	CCGGCCTTAGATAGTTTATCCACC
	PAL-Q-F	GCAGCCATGCTTGTTAGGA
	PAL-Q-R	GGTGTTGAGGAACCTGGTGATA
	HMGR-Q-F	TTGGAGTTCCTACAGAATGAGT
	HMGR-Q-R	GCGGCTGGTTTCTTGTC
	PGT-Q-F	CTCTTAGGCTCCTCTGCT
	PGT-Q-R	CGTCGTCCACCTTATCTT
	LeDI-2-Q-F	CTACTTGGAAATCTTGTTGCAC
	LeDI-2-Q-R	AATCCCATCAACACATACAC
	LePS-2-Q-F	ATCAACGGAACGGACCAAGT
	LePS-2-Q-R	TTGAAGGCATAACGGACACC
	GAPDH-Q-F	ACCGTCCACTCCATTACCG
	GAPDH-Q-R	ATGAGGCAGCCCTTCCACC

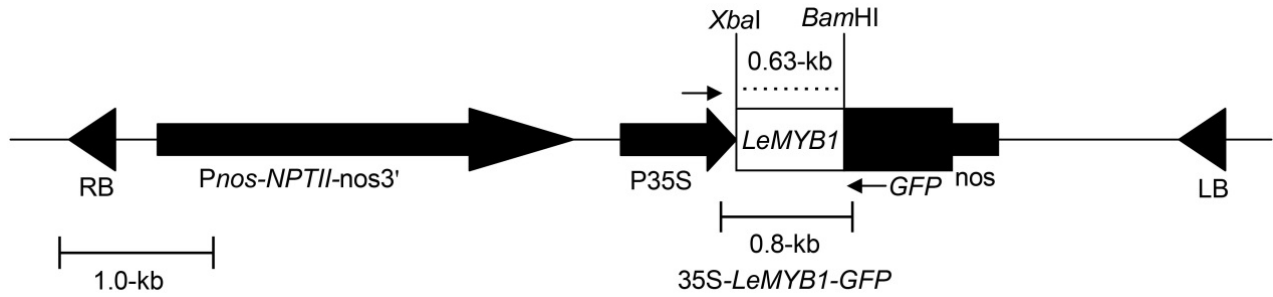


Fig. 1 Suppl. A schematic diagram of a modified pBI121 vector used to express *LeMYB1* in *L. erythrorhizon*. Full-length *LeMYB1* cDNA was inserted into pBI121 vector with the CaMV35S promoter. LB - left T-DNA border, RB - right T-DNA border, Pnos- nopaline synthase gene promoter, *NPTII*- neomycin phosphotransferase II gene, nos -nopaline synthase terminator. Scale (1.0 kb) is marked. The *arrows* mark the locations of forward and reverse primers of 35S-*LeMYB1*-*GFP* genes.