

Figure S 1. Confirmation of transgenic tobacco plants. Over expression *NtMYB2* lines (L-26, L33, and L41); WT, wild type. M represents for marker.

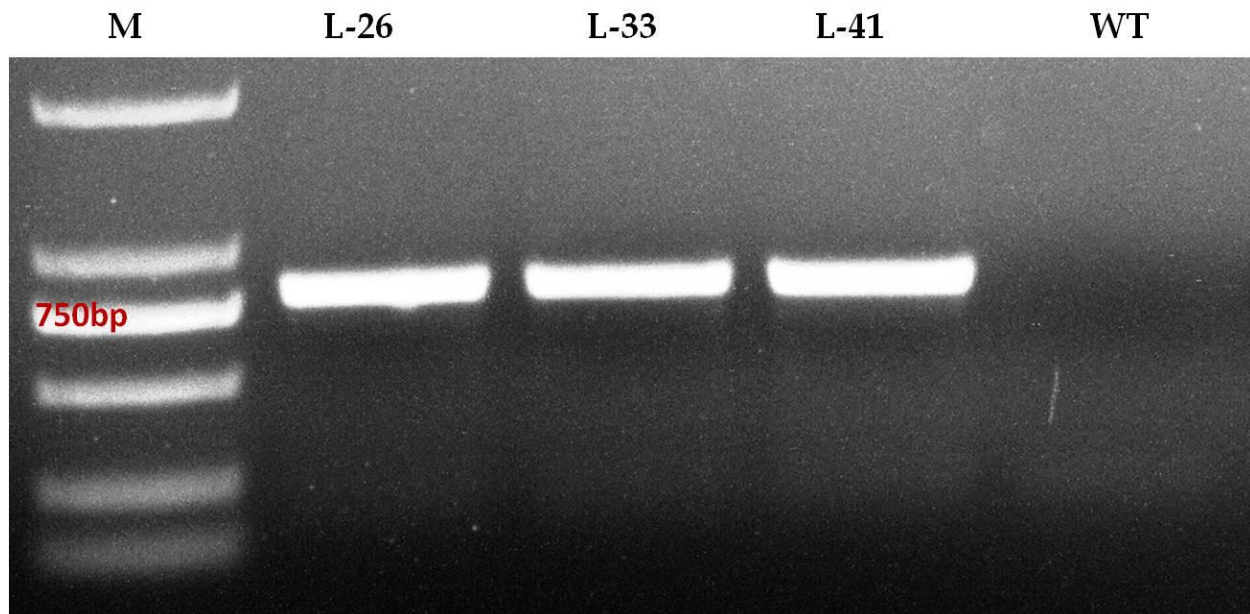


Table supplementary 1

Primers for real-time PCR analysis of tobacco genes of flavonoid biosynthesis pathway

Genes	GenBank ID	Forward primer (5' to 3')	Reverse primer (5' to 3')
<i>NtCHS</i>	AF311783	TTGTTCGAGCTTGTCTCTGC	AGCCCAGGAACATCTTTGAG
<i>NtCHI</i>	AB213651	GTCAGGCCATTGAAAAGCTC	CTAATCGTCAATGCCCAAC
<i>NtF3H</i>	AB289450	CAAGGCATGTGTGGATATGG	TGTGTCGTTTTAGTCCAAGG
<i>NtFLS</i>	AB289451	GTCCACAACGTTGCATGGTG	CACAACCTTCTCGCAGCCTC
<i>NtDFR</i>	EF421429	AACCAACAGTCAGGGGAATG	TTGGACATCGACAGTTCCAG
<i>NtPAL</i>	X78269	ATTGAGGTCATCCGTTCTGC	TCTGCAGCTCTTTCTGCATC
<i>NtLAR</i>	AM827419	TCAAGGTCCTTTACGCCATC	ACGAACCTGCTTCTCTTTGG
<i>NtANR1</i>	AM791704	CATTTGACTTTCCCAAACGC	ATTGGGCTTTTGGAGTTGTGC
<i>NtUFGT</i>	FG627024	GAGTGCATTGGATGCCTTTT	CCAGCTCCATTAGGTCCTTG
<i>NtActin</i>	AY179605	AATGATCGGAATGGAAGCTG	TGGTACCACTGAGGACA
<i>NtPAL</i>	X78269	ATTGAGGTCATCCGTTCTGC	TCTGCAGCTCTTTCTGCATC
<i>NtANS</i>	AB289447	TGGCGTTGAAGCTCATACTG	GGAATTAGGCACACACTTTGC
<i>Nt4CL</i>	U50845	TCATTGACGAGGATGACGAG	TGGGATGGTTGAGAAGAAGG