

**Table S5.** Oligonucleotides used in this study for cloning full-length cDNAs and promoter regions of genes belonging to either one of the *ATRI*-like and *MYB28*-like clades.

Gene	Promoter	ATG no.	5' oligonucleotide	3' oligonucleotide
MYB28		AT5G61420	ACTCGAGACAATGTCAAGAAAGCCATGTTGCGTC	AAACTGTCAAGAAAGCCATGTTGCGTCGGAGGATCCT
MYB29		AT5G07690	AAGTCGACCAAGATGTCAAGAAAGCCATGTTGTGTG	TCATATGATCCGTTGATTGCTTACCGGGGATCCTT
MYB76		AT5G07700	AAGTCGACAATGTCAAAGAGACCATATTGTATCGG	CTTATGATCTGTCTATAGATGGCTTGGGATCCTT
MYB34		AT5G60890	ACTCGAGAGAGCAGAGAGATGGTGAGGACACCA	TTGGAGTCTTTGTCTGACGAGTCAGACTGGATCCT
MYB51		AT1G18570	ACTCGAGTCAAGAATGGTGCGGACCCGTGTTGCA	TGGATGAGTGAAACTCATAATCGATGAGGATCCT
MYB122		AT1G74080	ACTCGAGTCAAGAATGGTACGGACGCCGTGTTGT	TGGATGAGTTATATTGATGATGATGAGGATCCT
	pMYB28		ACTGCAGAGGAGCTCTTGATGGTGTGGTCTTTAGCCT	TCGAAAAACTGTCAAGAAAGCCATGTTGCGTGGATCCT
	pMYB29		TCTGCAGGTGTATTAAGCCTATATGAGAGTTAGTTATAG	AAGATCTCAAGAAAGCCATGTTGTGTGGGAGGATCCA
	pMYB76		ACTGCAGTCCCTACTGACTACTGAGAAAGTCGATAAGCT	CTAAGAAACTGTCAAAGAGACCATATTGTATCGGGGATCCT
	pMYB34		AACTGCAGGTGATTGTGAAGATCATGGCCGGTGGGCAT	AGAGCAGAGAGCTGGTGAGGACACCATGTGGTACCTT
	pMYB51		AACTGCAGGTTGATGTAAACCAAGCTGGTTAGCTTTCT	GAATCAAGACTGGTGCGGACCCGTGTTGCAGGATCCTT
	pMYB122		AACTGCAGAGGTCCAGTGTGTTGAGCGACCAAGTTGTAG	AGAATCAAGACTGGTACGGACGCCGTGTTGTGGATCCTT