

S7 Table. Primer used in this study.

Primer name	Sequence (5'-3')	
	Forward primer	Reverse primer
For map-based cloning		
CAPS1	CTTAACTTGCCTTAGCCC	CTCCGCAGATAGACCTCA
CAPS2	GCCTCGATGTCCAAAGGTGTAGC	TGGCGTGAGGTTGTCCTGAGTG
CAPS3	GTGAGGATGGGAATAAGGAGAC	ATAAAGAATGCTAACCCAGGAGA
CAPS4	AGCGTGAAAGTTTAGGGT	AGCGAGCAGATGGTGATT
CAPS5	CGAAATTATCGGTCCAAA	AACAAGTCCCGTTATCAA
The other molecular markers taken from Tomato-EXPEN 2000 [1] .		
For qPCR		
<i>ACTIN</i>	GGGATGGAGAAGTTTGGTGGTGG	CTTCGACCAAGGGATGGTGTAGC
<i>AH</i>	CTAAGAGTGCCCGCATAACAGAC	ATCCGAAGTGGAGTGCTCAGATA
<i>PAL</i> *	GGAATTGCAGGGTTGCCACTTT	AAGGCCGCGTTGCCTAAAGAAG
<i>CHS1</i> *	TGGTCACCGTGGAGGAGTATC	GATCGTAGCTGGACCCTCTGC
<i>AAC</i> *	CCCTCCAGTACCACCAGAAA	TTCAGACAACCTTCCAGCAA
<i>GST</i> *	TGGGACACAACAGTGATTTGA	TGGCTTAGATCGGCTAAGGA
<i>5GT</i> *	GTGGCATTTCCTCATTGGAC	TCATCACTCTCAACCACACCA
<i>DFR</i>	GACAGAACGAAGTAATCAAAC	TAAAAGAGAAGAATAGCCAAACG
<i>CHI</i>	GAAGCAGTGCTCGATTCCATAA	GTTTTTCACAAACCAACAGTTCT
<i>F3'5'H</i>	CCCTCAACGCCACTAAATCTCC	TCACTATTCCCATCCTTGTCCCCG
<i>CHS2</i>	GGCCGACTACCAACTACCAA	GTCCCACCAGCAAAGCAACCTT
<i>4CL</i> *	GCATTGGAGAATGGTGTGAA	CTCATCGGCCTGAATCAACT
<i>F3H</i>	GTGAAAAGTTGATGGATTTGGC	GTAATGGTTCCTGGATCGGTGTGT
<i>ANS</i>	GAAGTAGCACTTGGCGTGCAG	TTGCAAGCCAGGCACCATA
<i>CHI-LIKE</i>	GCGATAGAAGGTAAGGA	AGCCAAAGAAGAAATAGTTGT
<i>RT</i>	CTGGCAATGCAAACAGAGTGA	TCGACTTGCGGAAGAGTGAGA
<i>Solyc06g049020</i>	GGGCGTTTCCTCATCGTGT	CTCGCTGTAAATCTCAACCAACA

*Primer sequences taken from previous study [2].

Reference

1. Fulton TM, Van der Hoeven R, Eannetta NT, Tanksley SD. Identification, analysis, and utilization of conserved ortholog set markers for comparative genomics in higher plants. *Plant cell*. 2002;14(7):1457-67.
2. Povero G, Gonzali S, Bassolino L, Mazzucato A, Perata P. Transcriptional analysis in high-anthocyanin tomatoes reveals synergistic effect of Aft and atv genes. *J Plant Physiol*. 2011;168(3):270-9.