

Table S1 Specific primers of qRT-PCR amplification of *SIMYC* genes.

Gene	Forward primer	Reverse primer
<i>SlActin</i>	CAGTTAAATCACGACCAGCAAGAT	TGTCCCTATTTACGAGGGTTATGC
<i>SIMYC1</i>	AGACAATCGTCTGAAGCCCG	AGACAATCGTCTGAAGCCCG
<i>SIMYC2</i>	GTTGGGTTGGGGAGATGGTT	AGACAATCGTCTGAAGCCCG
<i>SIMYC2-like1-1</i>	ATACGAGCTTACACCTCGGC	ATACGAGCTTACACCTCGGC
<i>SIMYC2-like1-2</i>	GAAACCACGTAGAGGCGGAG	GAAACCACGTAGAGGCGGAG
<i>SIMYC3-like</i>	GAAACCACGTAGAGGCGGAG	ACCCTTACCATGGCATCAGG
<i>SIMYC4</i>	CGAGGACCCGACATCAACAT	TTCCTTGGTCAGCTGTTCGG
<i>SIMYC5</i>	TTCTACGTGATGTCGCTGGC	GCTTCCACGTGGTTCAATGC
<i>SIMYC6</i>	ACCCTCGTATTGATCCCCGT	ATGGAACCGGTCGATGATCC
<i>SIMYC7</i>	TGCTTGTCGCCTACCATCTC	CCGCTTGCTTAGCCCTAACT
<i>SIMYC8</i>	CTAATCCTCCGCAGCCCAA	TGCTTGTCGCCTACCATCTC
<i>SIMYC9</i>	GCAGCAAATGGAGCCACAAG	CTAGCAAGGTGTCCCTCACA
<i>SIMYC10</i>	CGTCGGCCTCATTATCTCCA	CTTCTGCCTCTTGATTGGCG
<i>SIMYC11</i>	CTTCTGCCTCTTGATTGGCG	CGATTAGGTCGTCCTCCGAC
<i>SIMYC12</i>	TCTCCAAAGTCACGAGACGC	CCACCAGTGCATCGTTTTTCG

Table S2 Specific primers of CRISPR-Cas9 amplification of *SIMYC1* gene.

Gene	primer
slmyc1-Forward	ATATATGGTCTCGATTGCCGGTGTACAAGCTTCCGCGTTTTAGAGCTAGAAATAGC
slmyc1-Reverse	ATTATTGGTCTCGAAACCGGAAACACTAGCGTGGTGCAATCTCTTAGTCGACTCTAC

Figure S1 Identification of the *SIMYC* gene family in tomato.

