

Additional file 6. Primers used in the ChIP-qPCR analysis.

Gene	ITAG gene ID ^a	SGN unigene ^b	Position	Forward primer (5'–3')	Reverse primer (5'–3')
<i>PSMD2</i>	Solyc07g053650	SGN-U569045	-197 -622	AAGGTTCTTCTAAGGACCCAAAG GCCATTCTTTACTTACCAGATCC	ATCCTCCTCCGACTAATCCCAGCA GAACAAAGGTTTTCGTCTTCACCA
<i>SIUBC6</i>	Solyc02g083570	SGN-U565334	-829 -997	CAAATTAGGCAAATGGTACAGAGA GGCAGCGTAAAAAAGTGTACA	GGACGGCATACATTATTCAAATAT TTCCACTATTATTTGCTGTTACCAT
<i>SIUBC7</i>	Solyc02g084760	SGN-U579325	-238 -916	TGCTGTCCAACCTTTTACGTACAA TCCATTACTTGATATTTGTTTGG	TCCACCTTCTACTTCCCTTATTTAG TCGATTCGGATAAGTTTTACCCA
<i>SIUBC8</i>	Solyc02g085690	—	-133 -337	GCATCCTCGTGACATTTAATATTT TGATACACGTGCAATTTAACAAC	TGGGCTTTTTTGAGTTCTATTCT CTCAAACTATCCTTCCCATCAA
<i>SIUBC12</i>	Solyc03g033410	SGN-U565335	-1106 -1892	GCTATCTTTTAGGTGCATACAGGAT GCAAACCTTGATTGGCACTCA	AGCTCGTCATATCAGGTTTGATT CCACTTCACAATCATTTTCATTAAAC
<i>SIUBC17</i>	Solyc04g011430	SGN-U580887	-321 -453	TTTTAAACGGCAAAGACATTATA TAACCATGAACATACTTCCCTCA	TTTGAACCATTTGTGGAAGAGT ATCGGTGGATCAAATTATGACAC
<i>SIUBC18</i>	Solyc04g078620	SGN-U592148	-184 -272	TTGAATATTTATATTCAATGA TCATGCACTTTTCTCAATAATAC	CACTCTTCAGCAGGACGAACAAA ATTCTTTTTAGTTTTATC
<i>SIUBC24</i>	Solyc06g007510	SGN-U578218	-724 -1210	TGACGAATGAAGGAGATCTAGTTT TGAGCTAAAGGCAAAAATTTGTA	CTTACTCTCAATCCCAAATTAGCA CGTATCCAAAACTGATCAATTG
<i>SIUBC30</i>	Solyc07g024070	SGN-U568707	-1759 -1801	AAACGAAAAATATATT AAATAACATAGAATAGAAAAA	TTGCACTTATTTCAATATAT AATATATTTTTCGTTTCCTTTA

<i>SIUBC32</i>	Solyc07g062570	SGN-U576994	-502 -852	ACGCGCGTCAATTGAGGTTA TCTTAGGGACCATAAATGAACGG	CATTTTCCCCTCTTTTTCTTGAAGA TGCCTTCAAATAATTGCGATGCA
<i>SIUBC41</i>	Solyc10g012240	SGN-U271269	-142 -190	TCAAGTAACTATGTTACATAAATAA TTATAGCTTTATAAATATCTACAAC	AAAGAATCAGTTGCTTGTACAAC TTTATTTATGTAACATAGTTACTTG
<i>SIUBC42</i>	Solyc10g012270	—	-753 -1369	CTCCGTGTTGGTCGTAGTATTAGT CCTGCTGAAAGTAAATCTCCTCTT	GGTGAGATTACCTACACGCAATAA CCCTTCAAGTTACAAAAAAACAC
<i>SIUBC43</i>	Solyc10g012320	—	-1339	CATTACCTTGCGTACATTGTT	GAACCCGTATCTGCATCATTATAA
<i>SIUBC44</i>	Solyc10g081160	SGN-U571107	-4	CAGGATTCTTTCAGAAGCTTGATTT	CATAGCCAAATATAAGTTGATGTCC
<i>SIUBC45</i>	Solyc11g065190	SGN-U581052	-1406 -1892	CCGAGCCTGACGAGAATTT CGCTCAATTGATGCATACATG	GGCCATTTCCATCAACAAAA CACACCCTTACTAGGCTTCAAA
<i>ACS2</i>	Solyc01g095080	SGN-U567978	-1682	TCACAAACGAGCTATTCTAAAAA	CCTTACATCATTTATTATTACAA

^aITAG, the International Tomato Annotation Group release version 2.3.

^bSGN identification number of the best BLAST hit in the Sol Genomics Network (SGN) tomato unigene database (<http://solgenomics.net>).