

**Additional Table 1. Additional (partial) copies of *SITCP1*, -19, and -28 found in the tomato reference genome**

<b>Name<sup>a</sup></b>	<b>Gene (ITAG2.4)</b>	<b>SGN Unigene</b>
<i>SITCP1-like a</i>	Solyc05g012840.1	None
<i>SITCP1-like b</i>	Solyc05g032780.1	None
<i>SITCP1-like c</i>	Solyc10g018710.1	None
<i>SITCP1-like d</i>	Solyc11g045640.1	None
<i>SITCP19-like a</i>	Solyc00g084870.2	None
<i>SITCP28-like a</i>	Solyc00g217560.1	None

**Additional Table 2.** Scoring tables for the yeast two-hybrid experiments. Every experiment was performed in triplicate and interactions were scored as positive if growth occurred on both selection media in at least two of the three experiments.

*File can be found under name and format: "Additional Table 2.xlsx"*

**Additional table 3.** Yeast one-hybrid results, representing the binding of the Arabidopsis transcription factor proteins and the cloned corresponding tomato homologous proteins to the tomato TCP12, -15, and -18 promoter elements independently. "-" represents no binding, "+" represents binding

*File can be found under name and format: "Additional Table 3.xlsx"*

**Additional table 4.** Tomato TCP genes, corresponding SGN-Unigenes, (re)sequenced EST clones, and RACE experiments performed to obtain full-length cDNAs

Name	Gene (ITAG2.4)	SGN Unigene	Sequenced EST clones <sup>a</sup>	RACE <sup>b</sup>
<i>SITCP1</i>	Solyc02g077250.2	none		5', 3'
<i>SITCP2</i>	Solyc07g062680.1	SGN-U594432, SGN-U566833	cTOC19N10, cLEB3N9	-
<i>SITCP3</i>	Solyc12g014140.1	SGN-U594431, SGN-U566832	TUS60P6, cLET3M23, cLEL35O17, cTOF34G9	-
<i>SITCP4</i>	Solyc03g115010.1	SGN-U582556, SGN-U603841		5', 3'
<i>SITCP5</i>	Solyc02g089020.1	SGN-U585799, SGN-U585800	cLET3H17, cTOC20G10, cTOC22M17	5'
<i>SITCP6</i>	Solyc06g069460.1	SGN-U601349	cTOA29H21	-
<i>SITCP7</i>	Solyc02g089830.1	None		5', 3'
<i>SITCP8</i>	Solyc06g069240.1	None		5', 3'
<i>SITCP9</i>	Solyc03g119770.2	SGN-U584141	cTOS6K18	5', 3'
<i>SITCP10</i>	Solyc07g053410.2	SGN-U597981	cTOF6D9	5'
<i>SITCP11</i>	Solyc01g103780.2	SGN-U577117	TUS37P1, cTOF17M2, cTOC22M8	5'
<i>SITCP12</i>	Solyc11g020670.1	SGN-U573569	TUS24K10	5'
<i>SITCP13</i>	Solyc06g065190.1	SGN-U562794	cTOC4H22, cLEI13H13	-
<i>SITCP14</i>	Solyc04g009180.1	SGN-U579351, SGN-U563595	TUS61K24, TUS69A20	-
<i>SITCP15</i>	Solyc01g008230.2	SGN-U581159	cTOF6B9, cTOC12D24, cTOC24I7	5'
<i>SITCP16</i>	Solyc03g116320.2	SGN-U574962, SGN-U571327	cTOF23G15, cTOF31L2	-
<i>SITCP17</i>	Solyc06g070900.2	SGN-U586610	cLEI9N14	-
<i>SITCP18</i>	Solyc02g068200.1	SGN-U576961	cTOC20P22	-
<i>SITCP19</i>	Solyc09g008030.1	SGN-U567380	TUS60E22, cLES12D23	3'
<i>SITCP20</i>	Solyc08g080150.1	SGN-U566570	cLED17B2, TUS22B5	5', 3'
<i>SITCP21</i>	Solyc03g006800.1	SGN-U603785	cTOC1O20	5', 3'
<i>SITCP22</i>	Solyc04g006980.1	SGN-U583072, SGN-U602382	TUS69G5	-
<i>SITCP23</i>	Solyc05g007420.1	SGN-U603706		5', 3'
<i>SITCP24</i>	Solyc08g048390.1	SGN-U573225	cTOF3D1	3'
<i>SITCP25</i>	Solyc05g009900.1	None	from gene model	
<i>SITCP26</i>	Solyc03g045030.1	None	from gene model	
<i>SITCP27</i>	Solyc02g094290.1	SGN-U599631	from gene model	
<i>SITCP28</i>	Solyc02g065800.1	None	from gene model	
<i>SITCP29</i>	Solyc08g048370.2	None	from gene model	
<i>SITCP30</i>	Solyc10g008780.1	SGN-U603276	from gene model	

<sup>a</sup>EST clones (re)sequenced for finding clones containing a full open reading frame

<sup>b</sup>RACE experiments performed for de novo sequencing of transcripts and for obtaining templates for the amplification of the open reading frame

**Additional table 5.** Sequences of primers used for amplification of open reading frames

<b>Name</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<i>SITCP01</i>	CACCCAGCAGATGCCACAGTCACTCTGC	GGGTCTCAAGTTATTTGCTTAATGGATC
<i>SITCP02</i>	CACCATGGCAGAAACGTCAAGATTGGGTATA	AACTTTTTGGAGCTAATTCAATGGCG
<i>SITCP03</i>	CACCGATCATTTTATGTATGAAGATTTAGATACCATC	TTCAATGACGAGAATCAGAGGAAGC
<i>SITCP04</i>	CACCATGAAATTCATCGAGTGAAATAATTTTG	GGCTTAGAATCAAATTGCGCGACC
<i>SITCP05</i>	CACCATGATTACAAGAGAAGAGAAGGGGAAC	GATCTTAATTGGAAGGCTCCGTGTCATCAC
<i>SITCP06</i>	CACCATGAACTCAAGAAAGCAAGAACTG	ATATGCTTAAGAACCACTGCCTTC
<i>SITCP07</i>	CACCATGTTCCCTTTTGAAACAGTAGTAATGGTGG	GCTAGCTTACGCTGTTCCCTTCAGA
<i>SITCP08</i>	CACCATGTATCCTCCAAGCAACAATAACTGCAGC	CCTTGCCCTAGCCTTCCCATAGC
<i>SITCP09</i>	CACCATGTACCCTTCGAGCAATTACAGCCC	TTAGCCTTGAATACCTGATTGATGATC
<i>SITCP10</i>	CACCATGAAGAGCGCAACTGGAGGA	AATGATGAGCATTAGGAGAAGCAGAG
<i>SITCP11</i>	CACCCCAAATTATGGAACACTGATTTAC	CTTTCAAGCACTTTCCTCCATCACACTAGAG
<i>SITCP12</i>	CACCAAAATGGAATTCATGGAACCACATAC	CATCGAGATTTGTAACTATGATTG
<i>SITCP13</i>	CACCGCCATGGAATTTAGAGAGTCAAATAG	GTTGGAGTTATGATTGGGAATCTTTGTG
<i>SITCP14</i>	CACCATGTCGACGTCTGCAGAGGGAAA	TCAACGTCCGTCGTCGTCTCTT
<i>SITCP15</i>	CACCATGTCGACGTGCGTAGAGCAAAAC	CTTCATTGTCCATCGTCGTC
<i>SITCP16</i>	CACCGTGAACATGGATGGAGGAGGTGATG	GCTATGAATGATGGCTCGTTGTATCG
<i>SITCP17</i>	CACCATGGAAGGAGGAGGAGGTGACG	TTAGGAATTATGATGGCTTGTGAATC
<i>SITCP18</i>	CACCATGGATCCCAAACAGG	ACCAAATGAAAAATCATTACC
<i>SITCP19</i>	CACCATGGGTTTCAGAAATAGTTGTTCCGGT	CTCTACTGTTTCTCATCTTCTTCGGCG
<i>SITCP20</i>	CACCATGTCCAGTTTTTCATGACCCAGATG	CTATGAACGTTCTGAAGATGTAACCTTGAG
<i>SITCP21</i>	CACCAAAATGGCGAGGGTTGAGAACA	TCAGGATTTAGATGAGGAAGTTTG
<i>SITCP22</i>	CACCCTAAACATGTTTCCTTCAAGCAATA	CGACTTGAACTTATTCCAATCTATGATGT
<i>SITCP23</i>	CACCATGAAAACCTGGCCATCATCATCATG	TCAAGAATGATGTTGATGATCATCTCC
<i>SITCP24</i>	CACCAGTATGGAGATGGAGGAGATTCCG	GCCATGGAAGTTTAGTTCTTTC

**Additional table 6.** Sequences of primers used for quantitative RT-PCR

<b>Name</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<i>SITCP01</i>	AGCAAGAGGTGAATTATGACATCC	CTGAAGTGGTGGTGAAGAAGC
<i>SITCP02</i>	CTCTGATTCTCGCCATTGAA	TCTCCATCTCCAGGCTCTTT
<i>SITCP03</i>	CAATTGCTGGAGCACGTAGT	GCACGAATCGAAGGTGAGT
<i>SITCP04</i>	CGATACTTCTCCTCCACTTC	AGCGATTGACTTGTTCTC
<i>SITCP05</i>	CGGAGCCTTCCAATTAAGAT	ATGAAACATCCGATCAACCA
<i>SITCP06</i>	TCAACAGCAACAACAACAACA	CCCTGAACCAGTTTCTTGCT
<i>SITCP07</i>	ATCGGAGGGTGAGGTTGTC	AACCAAGCATGTCTTGCAAAT
<i>SITCP08</i>	TGGTGCAATTTGTGCATCTA	ATCTTGAGCGGTTTCCTTGT
<i>SITCP09</i>	GAATTCGGGTTTCATATTGCAT	AAAGATGTACCCTTCGAGCAA
<i>SITCP10</i>	CGCCACCAACACAATCAC	ATAGCAAGAGAAGTAGGTATAAGC
<i>SITCP11</i>	GCCACTAGATCGGACACCTT	GCTGCACAGGTTGTGTTTGT
<i>SITCP12</i>	GACCACCAATTGTGGCAGTA	AAACTCCAACCCACCAATTC
<i>SITCP13</i>	GGCAAGACCCAGATGAGAAT	CCTTGAACTCCGGTCTTTC
<i>SITCP14</i>	GGAATTACTTACCAATGACTC	ACAACAATAACGATAACAATAAC
<i>SITCP15</i>	GGCGTAGGAGGAGGAGGAGAG	TCGTGGCAGAGGCATAACC
<i>SITCP16</i>	ATCCGATGGCGAAACAATAG	GTTCTGTAGCGGCGATTAC
<i>SITCP17</i>	AAGACCGCCACACTAAGGTT	ATCGGATTTGTGACCGAGTT
<i>SITCP18</i>	AATCCTCATCTGCTCCATCA	GTAGCTGCAGGCAGATCAAA
<i>SITCP19</i>	CCTACCGGAAATCCAGAAAC	CGCTGCTACAGGAACAGGTA
<i>SITCP20</i>	AACCGTTTGATTCCGATCAT	CTACCGGCATAGGCATTGAT
<i>SITCP21</i>	ACATTGAACAAGAAGATGACGAG	CCTTTAACAACAGCACCCCTATC
<i>SITCP22</i>	AACCTAAGTAAGCCATCATCAC	GCTCAAGGGAGACTCATTATG
<i>SITCP23</i>	AACCAACAACAACAAAGGATAGAC	ACCAGTAGCAGCAATAACAGC
<i>SITCP24</i>	TAGACGTGTTGCGCTTTCTG	AGAGGTGGAAGCTCAGCAAT
<i>SITCP25</i>	GGGATCATGGAAAGGTACTTAGG	CAAGAATCCCCATATTGAAGC
<i>SITCP26</i>	ACACTCCGAATTAGCCCTTG	CTGAAATTTTCGGGCGATG
<i>SITCP27</i>	GCTATTACAGAAAGCGGAACC	GTAAAGCGATGCCTGAATTG
<i>SITCP28</i>	CATCATCGTCATCATGGACA	GCTCGTGACACACGAACAAT
<i>SITCP29</i>	ACCGAAATATGCACCCTAGC	CTCGGTGTGTTTTGGTCATC
<i>SITCP30</i>	GCACAGCAAGGTTTCAACAG	CTGAATTGCCGTGTTAGGAG

**Additional table 7.** Primers used for amplification of TCP12, TCP15 and TCP18 promoters

<b>Name</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<i>SITCP12</i>	CCTACACCACCATAATCGCTTC	AGTGAATTTAGAAGGAGCTGTCC
<i>SITCP18</i>	TCAGGACTCTATTTAAAATCAAATGC	TCAGTAGCAATAGTGTGGCTAAACC
<i>SITCP15</i>	CACCATCGAAATGACAAATACTC	GATTTTTATGGAAAAATAACACCAA

**Additional table 8.** Primers used for the amplification of the ORF of tomato candidate genes

<b>SGN-Unigene</b>	<b>Name</b>	<b>Forward primer</b>	<b>Reverse primer</b>
SGN-U571928	<i>LeT12</i>	ATGGAGTTTCAGGACCACTT	TTACTGCTTGATTTACCTG
SGN-U580795	<i>ARF 3</i>	ATGATGTGTGGACTTATTGATCTGA	CTACAGAGCAATATCAAGAAGCACA
SGN-U566000		ATGGGTAGAGGAAAAATTGACATAA	TCACTTTGAGCCAACCTTGATTCTC
SGN-U578103	<i>JOINTLESS</i>	ATGAAACAAATTCTTGAGAGGC	TCAGCCTGAGTAAGGTAGCC
SGN-U575250		ATGGTTTCACCGGAGAGTA	TTAAGCAACTGGAGGACGG
SGN-U585288		ATGAAGATGTTTGAGTTATCTGATTC	TTAGCAGCAGCAGAGCTCTTG
SGN-U563109		ATGGATTGGGAAAAACAGCA	TTAGCCGGTCATGTTGTAGTC
SGN-U573409		ATGGAAGGAAGTATTAGTAGCATAGATCA	TACAAAGCATCAATAATAACCCTTTG
SGN-U562646		ATGGAAGGAGAGAAGAGAAAACA	TCAGTTATCTTCGTCGCAACTT
SGN-U602159	<i>LATERAL SUPPRESSOR</i>	ATGTTAGGATCCTTTGGTTCTTCA	TCAACGCCAAGACGAGATG
SGN-U579452		ATGTCTTCAACGGTGATTC	TCAAATAGGAGGAGGTCCA
SGN-U563553		ATGACTATAGGGGATCAAAGCG	CTACAAACATAATCGGGTTCGTT
SGN-U583072	<i>SITCP22</i>	ATGTTTCCTTCAAGCAATAACCA	TTATTCCAATCTATGATGTTTGGAGGA
SGN-U591168	<i>AP2a</i>	CACCATGTGGAATTTAAATGATTC	AGGTCTCATAAAATAATGATGGA
SGN-U578471	<i>RIN</i>	CACCATGGGTAGAGGGAAAGTAGAATTGAAG	TCAATGCCATGATGTTTAAAAGG
SGN-U576709	<i>CNR</i>	CACCATGGAACTAACAAATGGGAAG	GCCCAAATTTTCTCCATGAGAG