

Additional file 5. Predicted RIN binding motifs within 2000-bp upstream region starting from ATG of genes analyzed in this study.

Gene	ITAG gene ID ^a	SGN unigene ^b	Position	CArg box	Motif number
<i>PSMD2</i>	Solyc07g053650	SGN-U569045	-197 -622 -669 -681	CTAATTTTTG CAAATATATG CTTAAAATTG CCATAAATGG	4
<i>SIUBC6</i>	Solyc02g083570	SGN-U565334	-829 -997 -1014	CAAAAAAATG CAAATAATAG CATATATATG	3
<i>SIUBC7</i>	Solyc02g084760	SGN-U579325	-238 -916	CTTTAATTAG CATATATAAG	2
<i>SIUBC8</i>	Solyc02g085690	—	-133 -337 -1926	CAATAATTTG CAATAATTTG CTTTAAAAAG	3
<i>SIUBC12</i>	Solyc03g033410	SGN-U565335	-1106 -1892	CAATAAATTG CTAATATTAG	2
<i>SIUBC17</i>	Solyc04g011430	SGN-U593391	-321 -453 -484 -1067 -1800	CAAAAATATG CAAAAATTAG CATATTTTTG CATAAAATAG CAAAAATAG	5
<i>SIUBC18</i>	Solyc04g078620	SGN-U592148	-184 -272 -1520	CAAATAATTG CAATATTAAG CTAATATTTG	3
<i>SIUBC24</i>	Solyc06g007510	SGN-U578218	-724 -1210	CAATTAATTG CAAAAATTTG	2
<i>SIUBC30</i>	Solyc07g024070	SGN-U568707	-1759 -1801 -1926	CAAAAATAG CATTATAAAG CTAAAATATG	3
<i>SIUBC32</i>	Solyc07g062570	SGN-U576994	-502 -852 -1347 -1827	CAAAAATAG CATAATTATG CTAATAATAG CATATATATG	4
<i>SIUBC38</i>	Solyc10g007000	SGN-U567052	—	—	0

<i>SIUBC41</i>	Solyc10g012240	—	-142	CAAAAAAAG	2
			-190	CAATTTAATG	
<i>SIUBC42</i>	Solyc10g012270	—	-753	CTAAAATATG	4
			-1369	CATTTTTAAG	
			-1806	CAAAAAAAG	
			-1854	CAATTTAATG	
<i>SIUBC43</i>	Solyc10g012320	—	-1339	CATTTATTTG	1
<i>SIUBC44</i>	Solyc10g081160	SGN-U571107	-4	CTTATATTTG	1
<i>SIUBC45</i>	Solyc11g065190	SGN-U581052	-1406	CATAAAAATG	2
			-1892	CATTAATTTG	
<i>ACS2</i>	Solyc01g095080	SGN-U567978	-371	CATTTAAAAG	3
			-497	CTTAAATTTG	
			-1682	CTAAAAAAG	

^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>).