



**Figure S1.** Interactive effects of Put and high temperature on growth parameters in tomato seedlings. (A) Plant height, (B) Stem diameter, (C) Shoot fresh weight, (D) Root fresh weight, (E) Shoot dry weight and (F) Root dry weight. The data denote the mean value  $\pm$  standard error (n = 3). Different alphabetic letters represent the significant differences among the treatments at  $P < 0.05$ , according to Tukey's test.

**Table S1.** List of primers used in this study.

<b>Gene Acronym</b>	<b>Accession Number</b>	<b>Forward Primer</b>	<b>Reverse Primer</b>
<i>FeSOD</i>	Solyc06g048410	GCAGTCAGTATTAGGCTTA	CCATCAACTACATAAAACAACA
<i>MnSOD</i>	XM_004240820	GGAACACGCATACTACTT	GTAAACATCATTGGCATATTTTC
<i>CAT</i>	Solyc12g094620	GCAGCTCCCAGTTAATGCTC	AGCAGGACGACAAGGATCAA
<i>POD</i>	Solyc07g052510	GGTCTGTTCCAATCCGATGC	CACCAGCACTCCCTGTCTTA
<i>APX</i>	Solyc06g005150	GGCACTCTGCTGGTACCTAT	GGAGAGAGTGGGAAACTGCT
<i>GR</i>	Solyc09g065900	GGAGCCATAGAGGTTGACGA	CTCCTCCCTCCATCAAAGCA
<i>MDHAR</i>	Solyc08g081530	CGGACAGTTCCGAACAAACA	CCCGTGCAATTTCGGTTGTAT
<i>DHAR</i>	Solyc05g054760	GAGGTGAACCCTGAAGGGAA	CCCACAGAGGCAAATTCAGG
<i>LOX</i>	Solyc01g099190	TTGGCTTATACTCTTACG	GAATACCTTGTCTGGATT
<i>HSP90</i>	Solyc05g010670	GCAATGGCTCTTGAGGAAG	CGGTCCTTACTCAGATGGCT
<i>HSP70</i>	Solyc04g009320	AGATGTATAATGCGATGGAT	ATTGCTTCACTCACTCAT
<i>HSfAl</i>	Solyc08g005170	CCCAGTGCTACAGGAAGTGA	TCATCAGCCACTGGTTCCAT
<i>SGR</i>	Solyc06g069640	TTCTCAGTTGCAAGGTTGGT	CCTTGAGAACCACAGGGAGT
<i>PAO</i>	Solyc04g039880	AAATGCCCTCATCGTCTTGC	AGCACAAGCTCTTGAGACT
<i>NYC1</i>	Solyc07g024000	CAGGCAGCTTCAATCATCCC	TAGGTCGGTTAGGACCATGC
<i>POR</i>	Solyc12g013710	ATGATTGACGGTGGTGACTTTG	CTCCCTGAATAGCCCTGTTGTC
<i>CAO</i>	Solyc04g024920	CACGAAGAACGCTGAATGTCTC	GCTCAAAGCAATCAATCGGTAAC
<i>CHL G</i>	Solyc09g014760	GGTCTGGGCATAGCCATTGT	CTGGAAGTGACTGAAGCCCC
<i>PBGD</i>	Solyc07g066470	TGGAGCAGATGTTGTCAGTC	GCATACTTCGCTGTGTAAGAC
<i>MG-CHT</i>	XM_015217369.1	AAGCACCTGGTAATCTGAACTCTG	CATCGGGTCACCTTCGTATC
<i>CHLASE</i>	Solyc06g053980	CATAGCCGTGGGGGAAAAGT	TGAAATCATTGGAGGAGTCTTTGC
<i>ACTIN</i>	Solyc03g078400	TGGTCGGAATGGGACAGAAG	CTCAGTCAGGAGAACAGGGT