

**Table S1.** Primers sequences for RT-PCR of the stress-related genes in tomato.

The gene	Reference Seq.	5' - 3' primer sequence	T <sub>A</sub>
<i>Actin 1</i>	<i>AB181991</i>	F: CTCTGACAATTTCCCGCTCA R: ACACGCTTCCTCATGCTATCC	58 °C
<i>Actin 2</i>	<i>AT2G37620</i>	F: GCTATTCAAGCCGTGCTTTC R: AGCATGTGGAAGGGCATAAC	
<i>SOD</i>	<i>MG893090.1</i>	F: TTCGCCATGCTGGTGATCTT R: CATGGACAACCTACGGCCCTT	
<i>CAT</i>	<i>GU984379</i>	F: GGCTGCTTGAAGTTGTTCTCCT R: CTGCTAGTACCTCCTGATCCGTT	
<i>APX</i>	<i>KU747079.1</i>	F: TGGCCTGCTCTTCCTCTAGT R: CATGCCACGCTAATCGAAGC	
<i>GR</i>	<i>KX828561.1</i>	F: CAACGCGCTTTGGTAACTCC R: GGGCCCTAATGAAGTGGAGG	