

Table S1: Effects of salt stress on the gas exchange parameters and the maximum photochemical efficiency (Fv/Fm) of tomato leaves.

Treat	Pn	Gs	Ci	Tr	Fm/Fv
0 day	18.18±1.64a	0.53 ± 0.03a	280.5±8.1a	3.63 ±0.29a	0.72 ±0.01a
3 day	15.87±0.5b	0.25 ± 0.00b	255±10.92b	3.02 ±0.08b	0.64 ±0.05ab
6 day	14.9±0.29b	0.14 ± 0.00c	238.5 ± 5.06b	2.71±0.08b	0.57 ±0.01b
12 day	12.82±1.23c	0.02 ± 0.01d	214.75±17.8c	2.27 ±0.15c	0.32 ±0.09c

Data represent the mean and standard deviation (SD) of three replications. Different letters indicate significant differences according to 'Tukey's HSD test at $P \leq 0.05$.

Table S2: List of primers used for qRT-PCR assays

Gene full name	Gene acronym	Accession number	Forward primer (5'-3')	Reverse primer (5'-3')
Superoxide dismutase	<i>SOD</i>	Solyc02g082590	ACTACTCCCAGTTGCATCCC	CACCAGGAGCAGCCATGATA
Catalase	<i>CAT</i>	Solyc12g094620	GCAGCTCCCAGTTAATGCTC	AGCAGGACGACAAGGATCAA
Peroxidase	<i>POD</i>	Solyc07g052510	GGTCTGTTCCAATCCGATGC	CACCAGCACTCCCTGTCTTA
Ascorbate peroxidase	<i>APX</i>	Solyc06g005150	GGCACTCTGCTGGTACCTAT	GGAGAGAGTGGGAAACTGCT
Glutathione reductase	<i>GR</i>	Solyc09g065900	GGAGCCATAGAGGTTGACGA	CTCCTCCCTCCATCAAAGCA
Monodehydroascorbate reductase	<i>MDHAR</i>	Solyc08g081530	CGGACAGTTCCGAACAAACA	CCCGTGCAATTCGGTTGTAT
Dehydroascorbate reductase	<i>DHAR</i>	Solyc05g054760	GAGGTGAACCCTGAAGGGAA	CCCACAGAGGCAAATTCAGG
Respiratory Burst Oxidase Homolog1	<i>RBOH1</i>	Solyc08g081690	TCCAGCACAAAGATTACCG	CCTCCATTGCGACGAT
Respiratory Burst Oxidase Homolog-A	<i>SIRBOHA</i>	Solyc01g099620	GAGAGTAGGATTCAGCGGT	GCCTCTTTTCGAGCTTGCT
Respiratory Burst Oxidase Homolog-D	<i>SIRBOHD</i>	Solyc06g068680	TACACCACCAAATCTAACG	TGCCCAGTGCTTCAATC
Respiratory Burst Oxidase Homolog-E	<i>SIRBOHE</i>	Solyc06g075570	GGGTCCTAACATTGTGGTTGT	AGAGTCTCTCCTGCACCTTTA
Respiratory Burst Oxidase Homolog-F	<i>SIRBOHF</i>	Solyc07g042460	GCAGTCAAAACGATCC	CATTGCTCCTCCGACAT
Respiratory Burst Oxidase Homolog-H	<i>SIRBOHH</i>	Solyc11g072800	CATGTGTGACAAGAATGGTGATG	TGCTGCATGTTTCTTGAAGTTT
Zeaxanthin epoxidase	<i>SIZEP</i>	Solyc02g090890	TCTGGAAGCCCTGTGGAT	TCCGACGCCAAGATAAGC
9-cis-epoxycarotenoid dioxygenase-1	<i>SINCED1</i>	Solyc01g087250	GCTGGATTATGACAAACG	TAAGTGATGTAAGGTGGG
9-cis-epoxycarotenoid dioxygenase-3	<i>SINCED3</i>	Solyc07g056570	CGTGGGCTCTTCGGACTT	ATGGCTTCTGAATCACATCGTA
9-cis-epoxycarotenoid dioxygenase-5	<i>SINCED5</i>	Solyc08g016720	TACTGAAACGGAAAGATTAG	ACTCCACGGGCATAGAAC
Abscisic-aldehyde oxidase3	<i>SIAAO3</i>	Solyc01g009230	GGAGGCAAGGCAGTGAAA	CAAGATGTAAGGCGGTGA
Abscisic Acid Insensitive3	<i>SLABI3</i>	Solyc06g083590	GGGACTTGTCGTGTTTGG	CACCTTATGTCGGCGTAT

Absciscic Acid Insensitive5	<i>SLAB15</i>	Solyc02g088910	GGTGGGAGTAATAATGGTC	TCTGAAGGCTTGATGCTA
Sucrose non-fermenting-1-related protein kinase 2.2	<i>SlSnRK2.2</i>	Solyc02g090390	GAAAGAGGCGATAAGATAG	AATAGCGAGATGAGTTGG
Sucrose non-fermenting-1-related protein kinase 2.3	<i>SlSnRK2.3</i>	Solyc01g108280	GGCAGTGACAGTAGGACC	TCCATCACAATAGCCAAA
Sucrose non-fermenting-1-related protein kinase 2.6	<i>SlSnRK2.6</i>	Solyc01g103940	AGAAATCAAGTCGCACCC	AGACTGAACGGGAAACTG
Pyrabactin Resistance1-like4	<i>SIPYL4</i>	Solyc09g015380	CAACCACCACCAGCACCT	ACCCGCACTTCACGGACAG
Pyrabactin Resistance1-like8	<i>SIPYL8</i>	Solyc01g095700	TTCGGTTATTACAGTCCA	TCTCTTTAGTGTTCCCT
binding factor (ABF) members 4	<i>SLABF4</i>	Solyc04g078840	ACAGCCACAGCAGCAACC	GCTCTTCCCAAGTCCATC
dehydration-responsive element-2	<i>SIDREB2</i>	Solyc09g065990	GGAAGACCAGGAGGGAGA	GGTAGTTTGAAGCCACATA