

**Table S1. Sequences of primers used in Real time-quantitative PCR (RT-qPCR).**

Primers are designed on the cDNA of *Solanum lycopersicum* and used for RT-qPCR amplification for the validation of differentially expressed genes.

Gene ID	Primer Sequence	Description	Tm (°C)	Product size (bp)
Solyc08g076930.1	5'TACTTCCAGGGGAAGCAATG3' 3'GACGTGATTCAATGGCTCCT5'	MYC2	60	210
Solyc04g072900.1	5'TGGAGGAAGAGGAGAGCAAA3' 3'GAGAGGCCCAATCAATTTCA5'	Dehydration-responsive element binding protein 3 (DREB)	60	238
Solyc09g015770.3	5'TGATGGTCATGCTTGGAGAA3' 3'GCTTTGCAAGTGTGATGTCC5'	WRKY 3	60	199
Solyc10g086410.3	5'TGGCCTAAATGTGATGCGTA3' 3'CCAGCAGTAGCCTTCACCTC5'	Heat shock cognate70 (HSC70)	55	183
Solyc09g075440.3	5'AGGAAGAACATTGGCATTGG3' 3'GCATGTATTTCCCAGCAGGT5'	Ethylene Receptor	60	238
Solyc02g094040.3	5'CATTTCATCGCCGTTGACAT3' 3'TGCTTGTTCTTGGCCTTCAC5'	Lipase	54	204
Solyc05g051660.1	5'AACACCGCACCCAATCAAAA3' 3'GTGCATCCCAACAATCCTGG5'	Acylsugar acylhydrolase 1 (ASH1)	54	202
Solyc02g080530.3	5'CAAGCGCATCAGACACATCT3' 3'GCCACCAGTGGAGTTGAAAT5'	Peroxidase	60	165
Solyc11g072630.2	5'CCGGAGCTTTTGTGAACTC3' 3'GTGGGAGTTGCCTGACGTAT5'	Mitogen-activated protein kinase 3 (MPK3)	52	185
Solyc08g006410.3	5'CAAAGGGAAAAGGGATGGTT3' 3'ACCCCTATGCCAAGTTCCTC 5'	Glycosyltransferase	60	194
House keeping gene	5'GCCATCAAGGAGGAATCTGA3' 3'CATTTCGTTGTCGTACCATGCS5'	Glyceraldehyde 3-phosphate dehydrogenase (GAPDH)	60	173