

Supplementary Table S3. List of the genes and primer sequences used for validation of differentially expressed genes (DEGs) by RT-qPCR.

No.	Abbreviation	Cucumber gene ID 9930 v.2	Gene description 9930 v.2	Cucumber gene ID Gy14 v.2	Gene description Gy14 v.2	<i>A. thaliana</i> ortholog gene ID	<i>A. thaliana</i> gene description TAIR10	Primer sequences (5' → 3') forward/reverse
1	<i>ACO</i>	Csa6G421630	1-aminocyclopropane-1-carboxylate oxidase	CsGy6G021870	1-aminocyclopropane-1-carboxylate oxidase 1	AT1G05010	Ethylene-forming enzyme	CGAATCAAACATCTCCCAGA CCTTTTCCAACCCAAGATTC
2	<i>APKA1</i>	Csa6G190390	Probable receptor-like protein kinase	CsGy6G014300	Protein kinase APK1A	AT1G07570	Protein kinase superfamily protein APKA1	TGGGTTTTCCAAGACACAG ATGGTCGATTTTGTCAACG
3	<i>ATPase</i>	Novel_G000083	-	CsGy2G006330	Cation-transporting P-type ATPase	AT2G18960	H ⁽⁺⁾ -ATPase 1	CAGGATTTTCGTTGGTATCGT TGATGCATCTTGTTACACACC
4	<i>CRT3</i>	Csa4G009350	Calreticulin-3	CsGy4G002380	Calreticulin-3	AT1G08450	Calreticulin 3	AGGGGCAGAATTATCCCATA CAGGATGTCCCAATCACTGT
5	<i>CYP450</i>	Csa1G524640	Cytochrome P450	CsGy1G022780	Cytochrome P450	AT2G29090	Cytochrome P450	CGGAGATCAACAAGATTTGG CACCTCCATGCTCTTTGTTC
6	<i>DHN</i>	Csa4G045040	Dehydrin	CsGy4G005210	Dehydrin Xero 1	AT5G66400	Dehydrin family protein	TAAGGAGCATGGTGGCATAAC TTGACACTGCTTGCTCTTCA
7	<i>EDS1</i>	Csa1G006320	Enhanced disease susceptibility 1 protein	CsGy1G001860	Protein EDS1L-like	AT3G48090	Alpha/beta-Hydrolases superfamily protein	GGAAGCTTAAGGAGGTTCTGA TCTGGGTTTCTTTGCTGTTC
8	<i>MAPKK</i>	Csa1G042980	Mitogen-activated protein kinase kinase	CsGy1G007240	Mitogen-activated protein kinase kinase 9	AT1G73500	MAP kinase kinase 9	TAAACCGTCGAATCTGTTGG CGTAAGAATTGCAAGCATCC
9	<i>MLO-like</i>	Csa1G085890	MLO-like protein	CsGy1G012830	MLO-like protein	AT1G61560	Seven transmembrane MLO family protein	CACGTTGAGATGGGAGGTTA GGGCCTCCAATATGAATCTC
10	<i>NEP</i>	Csa5G623870	Aspartic proteinase nepenthesin-1	CsGy5G027100	Eukaryotic aspartyl protease family protein	AT3G54400	Eukaryotic aspartyl protease family protein	TCGTCGATATTCCTCCCTCT TGTTACGTTTCTCCCCACTC
11	<i>PRI</i>	Novel_G000423	-	CsGy7G006240	Cysteine-rich venom protein	AT2G14610	Pathogenesis-related gene 1	ACCTGTCAGTTGGGATGAAA GCACGAGTTTGAGGCATAAT
12	<i>PR4</i>	Csa2G010390	Wound-induced protein WIN1	-	-	AT3G04720	Pathogenesis-related 4	ATACGGTTGGACTGCCCTTCT AAATCTAGCCCTCCATTTGC
13	<i>SGR</i>	Csa5G156180	Senescence-inducible chloroplast stay-green protein	CsGy5G003280	STAYGREEN protein	AT4G22920	Non-yellowing 1	TTCTCTCTTCCCCTGTAAACG GGAAATTTGCCTGGATGTTT
14	<i>WRKY</i>	Csa5G223070	WRKY transcription factor	CsGy5G008920	WRKY transcription factor 34	AT2G40750	WRKY DNA-binding protein 54	TGTCCTGATCATTCCTTTG CTTTTGGCCGTACTTCCTC