

Additional file 3. List of primers used in qRT-PCR

Gene	Primer pairs and probe used in real time PCR
<i>AtExpansin</i> <i>AT3G45970.1</i>	Forward; 5'-CTCCTCTGCCTCTGCTCTCTCT-3' Reverse; 5'-TCCGGCGAAGAAACTCGTA-3' Probe; 5'-TGTGCTTATGGCTCTATG-3'
<i>AtGlycine-rich protein</i> <i>AT1G07135.1</i>	Forward; 5'-GGGTGGTTCCGATTCATACG-3' Reverse; 5'-TGTGATCCTGCCGATCCA-3' Probe; 5'-TGGTAATGGCAGTCTGG-3'
<i>AtMitogen-activated protein kinase (AtMAPK)</i> <i>AT1G01560.1</i>	Forward; 5'-GGCTTGCGAGGACTAAATCAGA-3' Reverse; 5'-GCTCGGTACCAACGTGTAACAA-3' Probe; 5'-ACAGACTTCATGACAGAAT-3'
<i>AtPlant defensin protein PDF1.2a</i> <i>AT5G44420.1</i>	Forward; 5'-CCCTTATCTTCGCTGCTCTTGT-3' Reverse; 5'-TTCTGTGCTTCCACCATTGC-3' Probe; 5'-CTCTTTGCTGCTTTCGA-3'
<i>AtIsopentenyltransferase (IPT)1</i> <i>AT1G68460</i>	Forward; 5'-CGCCGGTGGATCTAACTCTTT-3' Reverse; 5'-AACTTTGGGTCGAATCGTTGA-3' Probe; 5'-TCCACGCACTCTTAG-3'

<i>AtIPT2</i>	Forward; 5'-TGGAATGCGCAAGTGGTTAA-3'
<i>AT2G27760</i>	Reverse; 5'-TTCGGTTTCTGTCTCCAGGAA-3'
	Probe; 5'-TGCTTCAGAGATCATCAG-3'
<hr/> <i>AtIPT3</i>	Forward; 5'-TTTCCGGAGTTTGACAGGTTTT-3'
<i>AT3G63110</i>	Reverse; 5'-CAGTTCTTCTCTGTCTTCCACATTCA-3'
	Probe; 5'-CAGGAACGAGCAGTTC-3'
<hr/> <i>AtIPT4</i>	Forward; 5'-TGGAGTGCCACATCACCTTCT-3'
<i>AT4G24650</i>	Reverse; 5'-ATTCTGCCGCTGTGACTTCTC-3'
	Probe; 5'-TGA ACTAAACCCGGAGGC-3'
<hr/> <i>AtIPT5</i>	Forward; 5'-GCCGGTGGTTCCAATTCTT-3'
<i>AT5G19040</i>	Reverse; 5'-CGGAAGTCAACGCAATCGT-3'
	Probe; 5'-CATCGAGGCTCTGGTC-3'
<hr/> <i>AtIPT6</i>	Forward; 5'-GACGCTACGGCGGCAAT-3'
<i>AT1G25410</i>	Reverse; 5'-CCTTCTCCCTTTGCCGTA CTT-3'
	Probe; 5'-ATGGCTGAGCTGAATC-3'
<hr/> <i>AtIPT7</i>	Forward; 5'-CATTTGGGTCGACGTTTCCT-3'
<i>NM_113267</i>	Reverse; 5'-GCCGTCGACACGTTTTGAG-3'

	Probe; 5'-CCCGTACTTAACTCCTTT-3'
<i>AtIPT8</i>	Forward; 5'-CCGGATCAGGCAAGTCATG-3'
<i>AT3G19160</i>	Reverse; 5'-CGATCTCGCCAGAGAAACG-3'
	Probe; 5'-CTCTCAATCGATCTAGCAAC-3'
<i>AtIPT9</i>	Forward; 5'-TTGGCAGTGGCGTATTTTTG-3'
<i>AT5G20040</i>	Reverse; 5'-AAGGCTTGGCGGTTGAAGT-3'
	Probe; 5'-CCCGTACCTGTTACTTG-3'
<i>AtCytokinin oxidase (CKX)1</i>	Forward; 5'-CGGGCTTGGACAGTTTGG-3'
<i>gi 20196946</i>	Reverse; 5'-CGGTGCTGGTTCAAGAGAGAT-3'
	Probe; 5'-ATAATCACCCGGGCACG-3'
<i>AtCKX2</i>	Forward; 5'-CTCCCCATCATCAGCAAGGT-3'
<i>AT2G19500</i>	Reverse; 5'-ATGAACCCGGGCAAGTAACTTA-3'
	Probe; 5'-TGACACATTAACGAAAACA-3'
<i>AtCKX3</i>	Forward; 5'-CCAAGGACATGAACTCGGATCT-3'
<i>AT5G56970</i>	Reverse; 5'-TTATAATGCCGAATTGACCCAAAC-3'
	Probe; 5'-TTCTTCGCGGTGTTAGGA-3'
<i>AtCKX4</i>	Forward; 5'-CCATCTCTGCCGCTTCTCA-3'

<i>AT4G29740</i>	Reverse; 5'-GCGCCGGGATTTTCG-3'
	Probe; 5'-ACTTCGGTAACATAACCG-3'
<i>AtCKX5</i>	Forward; 5'-TGCGGGTTCGGTTCTTTATTG-3'
<i>AF303981</i>	Reverse; 5'-TGAGTTGGAATCGGAGTCTCTGT-3'
	Probe; 5'-TCGAACTCGGTCTTCA-3'
<i>AtCKX6</i>	Forward; 5'-GATGTCGACGGCCACTTCA-3'
<i>AT1G75450</i>	Reverse; 5'-GTCTGAGGAGACGGAGGCTAAG-3'
	Probe; 5'-CGTCCACCCTTCC-3'
<i>AtActin2/7</i>	Forward; 5'-GCCATTCAGGCCGTTCTTT-3'
<i>AY102779</i>	Reverse; 5'-ATCGAGCACAATACCGGTTGT-3'
	Probe; 5'-TCTATGCCAGTGGTCG-3'
<i>ABA-responsive protein-related</i>	Forward; 5'-GCCACTGGCCAGACTAAGGA-3'
<i>At3g02480</i>	Reverse; 5'-CAAGGAGTCTTGAGCTGAAGCA-3'
<i>Xyloglucan endotransglycosylase 6</i>	Forward; 5'-TTTCCTAAGAACCAGCCAATGAG-3'
<i>At4g25810</i>	Reverse; 5'-TTGACGAGACCACCCTTGT-3'
<i>basic helix-loop-helix (bHLH)</i>	Forward; 5'-CCGACATCTCGGGTGATAGAA-3'
<i>At5g43650</i>	Reverse; 5'-CCTCAGTTCCGTGTCCTTCATAT-3'

<i>ethylene-responsive transcription factor RAP2.6</i>	Forward; 5'- TGCCTTGGAGAGGCCAAAA-3'
<i>At1g43160</i>	Reverse; 5'- CATACACGTGTCGCCTTGTGT-3'
<hr/> <i>unknown protein</i>	Forward; 5'- CACCACCAGTTTTTGGAGATT-3'
<i>At5g24640</i>	Reverse; 5'- CCGCTCACTTTCTCCGATGA-3'
<hr/> <i>ATNAC3 (Arabidopsis NAC domain containing protein 55)</i>	Forward; 5'-TCGACGGAGGGAAGAAGAGTT-3'
<i>At3g15500</i>	Reverse; 5'- TTGGTTTTGGTTCCTTTTGGGA-3'
<hr/> <i>ACD6 (Accelerated cell death 6)</i>	Forward; 5'- CCCATGTGAAATGGCTTTTAGTC-3'
<i>At4g14400</i>	Reverse;5'- AGGGCCAAGGATAAAGATTGC-3'
<hr/> <i>PLAC8 domain containing protein</i>	Forward; 5'- TTTGCTGTAACTCTGTGCTTTG-3'
<i>At1g14880</i>	Reverse; 5'- TGCCCATCCAAGGCTCATAT-3'
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