

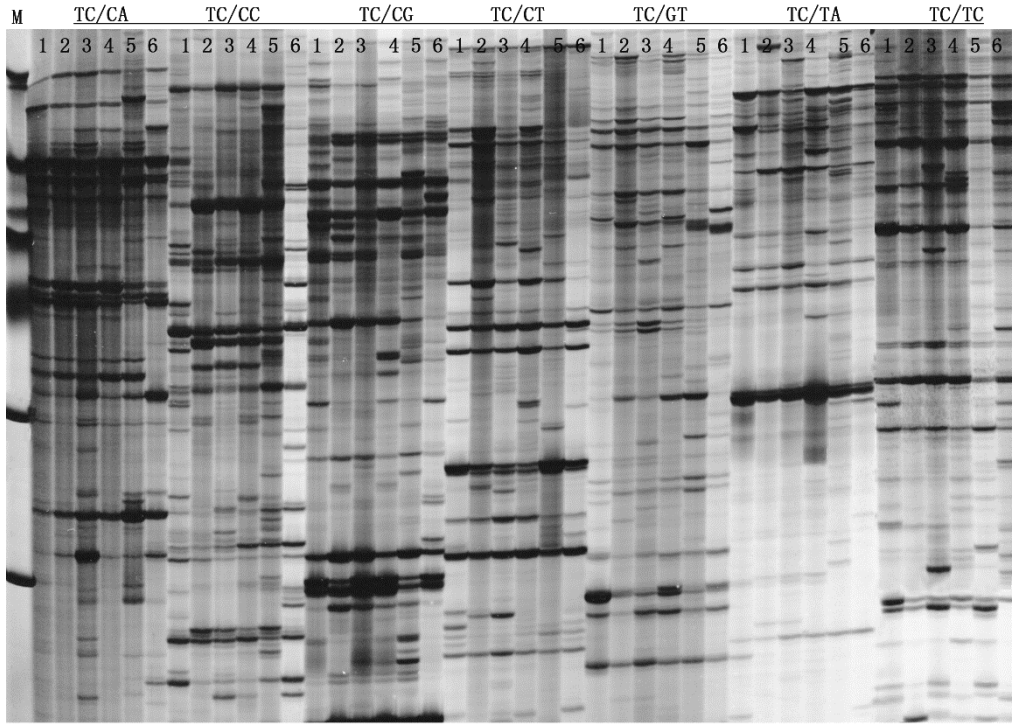
Supporting Information

Table S1 Primers of selected genes used for qRT-PCR analysis and their amplification size.

Name	Predict coding protein	Primer sequence (5'-3')	Product length (bp)
TDF4	Phosphatase 2C	F: ATACCGAGACCATGAACAAG R: AGTGGATGAAGAGGACAAA	169
TDF13	Cytochrome P450 monooxygenase	F: TACCTCTTCTGCGTTCTTGT R: CTGCGTACCTAATACCAGTAAA	109
TDF24	fructose-bisphosphate aldolase	F: AATACATCTCTGGTGCCATC R: AGTCCTGACCGACTTTGATA	123
TDF26	D-alanyl-d-alanine carboxypeptidase	F: TGGAGGAAATGTTAAACGAG R: CCTAATCGCCACAATATCAT	179
TDF33	ATP binding protein	F: TACGGTGAAACCAATACTCC R: CGAAATCAGACATTCTCTC	157
TDF34	26S proteasome subunit RPN2b	F: GCAGTAGGTATCTCCTGTGC R: GACTGCGTACCTAATCTGGA	144
TDF38	cyclic nucleotide-gated ion channel	F: CTTGAAATTTGTAGCCTCTCA R: TGCTTGATGAAACATGCTG	112
TDF42	pyruvate kinase	F: GCGTCAAGAATCTACTCACC R: TAGAGTCTTGGGCTCTCAAA	180
TDF43	dihydrolipoamide dehydrogenase	F: TCTTAGCTGGTAAACATGGC R: CCAAGTTCCTTTACCTGCTC	112
TDF60	MutT-like protein	F: GGATCTTGAAGTTCTCGTCA R: CTCGTAAAGCTGCTTCTTGT	104
TDF464	zinc finger protein	F: GTACCAAGGACTTCTTCGC R: TGGGAAATCTTCAACAAATC	113
TDF72	BAK1 precursor	F: CAACATGGACCTAACATCCT R: AATGGGTATGAGGAGCAAAT	105
TDF82	Hypoxia-responsive family protein	F: CCTAATGCCTCCTCAGATAA R: CGCACACAAGGATTAAATAAC	111
TDF92	Hypoxia-responsive family protein	F: CGCACACAAGGATTAAATAAC R: CCTAATGCCTCCTCAGATAA	111
TDF99	mitochondrial carrier	F: ATGAGTCCTGACCGAATACA R: CAACTGTTTCCATCCTTGAT	112
TDF109	pyridoxal biosynthesis	F: GGTGTGATGGAGTGTGTTGT R: GTACCTAATGCCCACCATAG	158
TDF115	Iron-sulfur cluster assembly scaffold	F: CTGACCGACAAGAGCGAT R: TGCCACTCAAACAGATACAG	156
TDF120	beta-amylase	F: CTGACCGACACCATGTTTAT R: GAATGGACCTTTCAGATGAG	104
TDF126	Hydroxyphenylpyruvate	F: GCGTACCTAATCGTGAAGTC	168

	reductase	R: GCTGTGCTTTCTAAATGGTT	
TDF136	XTH protein 9	F: GGGTACTGGGTATCTCGATT	116
	precursor	R: GGGAGGCAAATAATTATCAA	
Reference	Citrus actin	F: GGAGTTCATTGTAGAAGGTG	200
		R: GCGGGTGTCCCCAGTAT	

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5 **Figure S1** A representative picture of a silver-stained cDNA-AFLP gel showing the
6 transcripts in tangor leaves in response to drought stress using one *Ase* I selective primer
7 (*Ase* I-TC) and seven *Taq* I selective primers (*Taq*I-CA, CC, CG, CT, GT, TA and TC). 1~6:
8 0, 3, 5, 8, 11 and 14 day after drought treatment, respectively; M: molecular weight marker.
9 Lane 6 was only the reference and not used for results analysis.

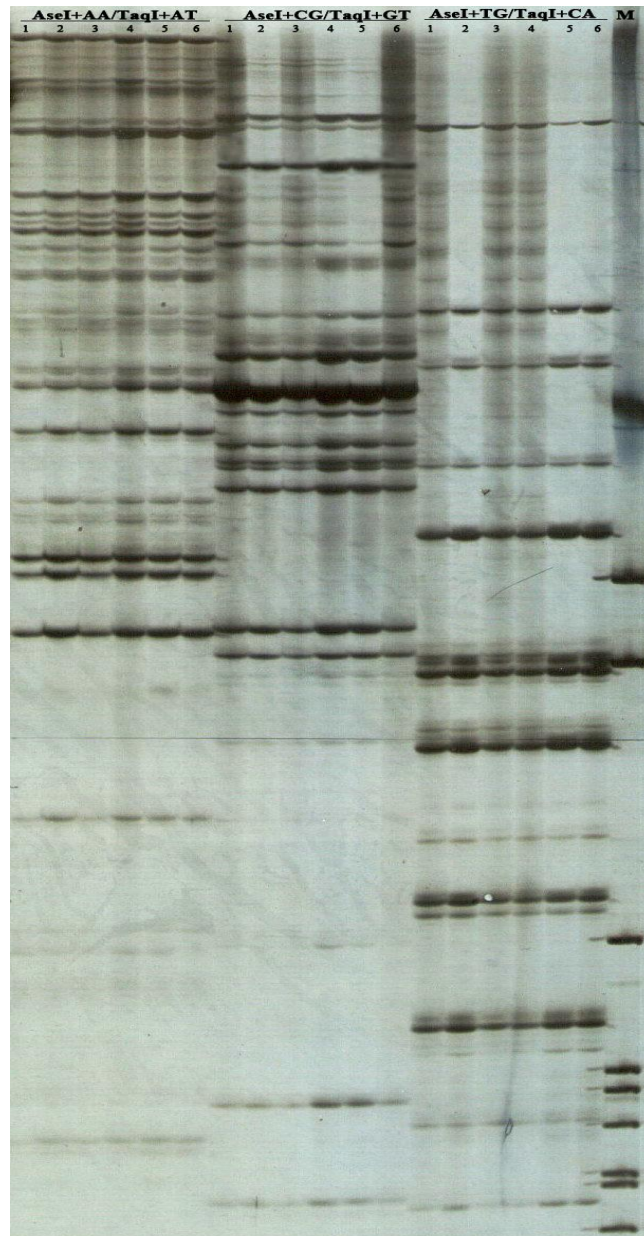


Figure S2 A cDNA-AFLP profile of control plants across the drought period. Three pair of primer combinations (*AseI+AA/TaqI+AT*, *AseI+CG/TaqI+GT* and *AseI+TG/TaqI+CA*) were randomly selected to perform the cDNA-AFLP procedure. 1~6: 0, 3, 5, 8, 11 and 14 day on control plants, respectively; M: molecular weight marker. Lane 6 was only the reference and not used for results analysis.