

Table S8. Regulation pattern of transcription factors (TF) among differentially expressed genes (DEGs). between plants of *Coffea canephora* cv. Conilon Clone CL153 (CL153) and *C. arabica* cv. Icatu (Icatu) submitted to mild water deficit (MWD) and severe water deficit (SWD) relative to the control, well-watered (WW) plants. Transcription Factors (TFs) were found among differentially expressed genes (DEGs) responsive to drought, according to DroughtDB (highlighted with*) or if annotated with the Gene Ontology (GO) term “DNA-binding transcription factor” (GO:0003700). Red: up-regulated DEGs. Blue: down-regulated DEGs.

Gene ID	Homolog	Protein name	log ₂ FC			
			CL153		Icatu	
			MWD	SWD	MWD	SWD
Cc08_g13960		Dehydration-responsive element-binding protein 1A (DREB1A)*	8.44	7.65		
Cc05_g12500		NAC domain-containing protein 55 (NAC055)*	5.44	6.06		
Cc04_g04250		Ethylene-responsive transcription factor (WIN1)*		-7.79		-8.96
Cc06_g17200		Transcription factor (MYB60)*		-2.91		-1.95
Cc06_g06960		ABC transporter G family member 22 (ABCG22)*		-2.68		
Cc02_g03420	AT5G52020	Putative Ethylene-responsive transcription factor ERF027	10.11	9.72		
Cc08_g13960	AT4G25480	Putative Dehydration-responsive element-binding protein 1D	8.44	7.65		
Cc01_g18390	AT3G23240	Ethylene-responsive transcription factor 1B	7.40	8.68		
Cc07_g16730	AT5G64750	DNA binding protein. putative	6.95	7.87		
Cc10_g15100	AT5G64750	Putative uncharacterized protein	4.97	6.40		3.64
Cc01_g19020	AT3G22830	Heat stress transcription factor A-6b	3.66	2.52	3.04	2.23
Cc07_g07330	AT1G75390	Putative basic leucine-zipper 6	3.61			
Cc06_g16930	AT1G30500	Transcription factor	3.45	3.35		3.43
Cc08_g09520	AT5G11590	Dehydration-responsive element-binding protein 3	3.39	2.10		
Cc04_g05080	AT1G80840	Probable WRKY transcription factor 40	3.37	2.14		
Cc07_g13110	AT3G23240	Putative Ethylene-responsive transcription factor 15	3.26	3.24	6.28	6.55
Cc05_g07590	AT5G44210	Ethylene-responsive transcription factor 4	2.96	2.44		1.53
Cc02_g13700	AT5G44210	Putative Ethylene-responsive transcription factor 4	2.92	3.18		2.13
Cc09_g01430	AT1G62300	WRKY transcription factor 6	2.81	3.22		

Cc06_g09660	AT3G24520	Putative uncharacterized protein	2.77	3.34		
Cc09_g09190		Putative Probable WRKY transcription factor 28	2.40			
Cc02_g38910	AT2G46270	Common plant regulatory factor 1	1.99	1.60		1.60
Cc08_g10810	AT2G26150	Heat shock factor protein HSF30	1.92	2.39		
Cc01_g14950	AT2G38470	Putative Probable WRKY transcription factor 3	1.52	1.35		
Cc10_g04070		Putative ABSCISIC ACID-INSENSITIVE 5-like protein 5	1.50			1.22
Cc02_g18860		Putative ABSCISIC ACID-INSENSITIVE 5-like protein 6	1.47	1.61		
Cc11_g12210		Putative Probable WRKY transcription factor 57	-1.33			
Cc02_g13600	AT2G33810	Squamosa promoter-binding protein 1	-2.05	-2.84		-2.66
Cc11_g11720	AT2G03710	MADS-box protein CMB1	-3.04			
Cc02_g24840		myb-like HTH transcriptional regulator family protein	-6.05	-4.48		
Cc08_g00740	AT5G25390	Ethylene-responsive transcription factor SHINE 3	-6.73	-6.87	-4.02	-8.37
Cc02_g03430	AT4G25490	Dehydration-responsive element-binding protein 1D		9.26		
Cc06_g16230		Transcription factor HBP-1b(c38)		6.76		
Cc06_g05680		Putative Protein ABSCISIC ACID-INSENSITIVE 5		6.63		
Cc03_g05410	AT3G23240	Ethylene-responsive transcription factor 1B		3.18		
Cc06_g11570	AT2G26150	Heat shock factor		2.36		
Cc01_g07640	AT2G27230	Transcription factor LHW		2.16	1.90	1.87
Cc02_g05970	AT2G40340	Putative Dehydration-responsive element-binding protein 2C		2.01		2.63
Cc07_g03670	AT5G19790	Putative uncharacterized protein		1.77		
Cc01_g00630		Putative Transcription initiation factor TFIID subunit 7		1.60		
Cc04_g01480	AT3G14020	Putative Nuclear transcription factor Y subunit A-3		1.58		
Cc08_g04470		Putative Ethylene-responsive transcription factor RAP2-12		1.49		
Cc00_g21780		Putative Transcription factor VIP1		1.46		
Cc08_g12100		myb-like transcription factor family protein		1.46		
Cc01_g02840		TBP-associated factor 7		1.39		

Cc00_g03570		Probable transcription factor PosF21	1.10		
Cc06_g15010		WRKY transcription factor	1.06		
Cc05_g11430		Transcription factor TCP4	-1.44		
Cc05_g04000		WRKY transcription factor 6	-1.50		
Cc06_g06710	AT3G05690	Putative Nuclear transcription factor Y subunit A-2	-1.74		
Cc02_g39120	AT4G11070	Putative WRKY transcription factor 30	-1.82	-2.07	
Cc05_g11450		Putative uncharacterized protein	-1.87		
Cc10_g02460	AT1G75390	Putative Ocs element-binding factor 1	-1.89		
Cc07_g06340	AT4G24240	Putative Probable WRKY transcription factor 7	-1.98		
Cc01_g18730	AT2G30590	Probable WRKY transcription factor 21	-2.14		
Cc04_g05860	AT5G61890	Hypothetical protein	-2.83		
Cc01_g09290	AT1G08320	Transcription factor TGA2	-2.97		
Cc04_g02760		Ethylene-responsive transcription factor TINY	-3.12	-3.39	-2.77
Cc02_g05410	AT2G40620	Transcription factor RF2b	-3.12		-2.55
Cc07_g16400	AT5G64810	Probable WRKY transcription factor 51	-3.53		
Cc04_g06970	AT1G73805	Calmodulin binding protein-like	-3.82	-2.51	
Cc07_g07090	AT4G37650	Protein SHORT-ROOT	-3.88		-2.87
Cc02_g37070		Putative Transcription factor TCP19	-3.91		
Cc08_g11060	AT5G26170	Putative Probable WRKY transcription factor 50	-4.17		-3.24
Cc07_g14150	AT2G22540	MADS-box protein SVP	-4.40	-1.88	-3.14
Cc02_g39490	AT1G01250	AP2/ERF domain-containing transcription factor	-4.42	-2.68	-4.04
Cc10_g07690	AT4G37750	Putative uncharacterized protein	-4.83		-4.96
Cc02_g24810	AT2G44940	Putative uncharacterized protein	-5.87	-2.26	-5.55
Cc00_g15310		DNA binding	-6.09		
Cc08_g12160		Ethylene-responsive transcription factor ERF039	-6.91		
Cc05_g09250		Floral homeotic protein AGAMOUS	-7.38		

Cc04_g04250	AT1G15360	Ethylene-responsive transcription factor WIN1	-7.79	-8.96
Cc07_g07330	AT1G75390	Putative basic leucine-zipper 6	4.79	5.21
Cc07_g09170		G-box-binding factor 1	1.46	
Cc06_g15370		Putative Two-component response regulator ARR18	1.45	
Cc11_g10560		AP2/ERF and B3 domain-containing transcription repressor TEM1	-1.64	
Cc08_g07850		Putative Probable WRKY transcription factor 40	-4.55	
Cc08_g13970		Ethylene-responsive transcription factor ERF025	-7.61	-7.25
Cc06_g19110	AT3G56970	Putative Transcription factor ORG2	-25.66	
Cc10_g07580	AT2G18160	Putative basic leucine-zipper 5		7.47
Cc11_g17170	AT5G13080	WRKY DNA binding protein		4.02
Cc10_g06050		Transcription factor TGA7		2.58
Cc10_g07460	AT1G78080	Ethylene-responsive transcription factor RAP2-4		1.64
Cc10_g13150	AT1G21450	Scarecrow-like protein 1		1.10
Cc10_g02230		Putative Transcription initiation factor IIF subunit beta		1.05
Cc06_g19310		Putative Predicted protein		-1.43
Cc06_g10260		Dehydration-responsive element-binding protein 3		-2.39
Cc04_g05340		AP2-like ethylene-responsive transcription factor At1g16060		-6.30