

Table S2. Number of total expressed genes, total differentially expressed genes (DEGs) and GO annotated DEGs in *Coffea arabica* cv. Icatu (Icatu) and *C. canephora* cv. CL153 (CL153) plants submitted to three different water availability conditions: well-watered (WW), moderate water deficit (MWD) and severe water deficit (SWD). DEGs represent the number of significant genes found to be differently expressed between each water treatment and the control (respectively, MWD vs. WW and SWD vs. WW) selected by DESeq2 and filtered by log2 fold-change (FC) $\neq 0$ and a false discovery rate (FDR) < 0.01 .

Expressed genes			All DEGs				GO annotated DEGs		
			TOTAL	[%]	UP	DOWN	TOTAL	UP	DOWN
CL153	WW 20528	MWD 20052	999	5%	417	582	720	296	424
		SWD 20395	3373	17%	1114	2259	2540	815	1725
Icatu	WW 20490	MWD 20675	776	4%	155	621	589	116	473
		SWD 20157	2055	10%	518	1537	1551	369	1182