

Table S3 The fold changes of differential metabolites in lipid metabolism

Class	Compounds	Log2FC (AT/MD)	Log2FC (SD/MD)	Log2FC (AT/SD)
Glycerophospholipids	LysoPC 16:1	1.37	2.79	-1.42
	PC 16:1/14:1	1.13	0.94	0.19
	LysoPC 18:2	1.39	2.70	-1.31
	LysoPC 18:3	1.76	2.85	-1.09
	LysoPC 16:0	2.13	3.19	-1.05
	LysoPE 14:0	2.07	3.40	-1.33
	LysoPC 14:0	1.68	2.79	-1.11
	LysoPE 18:2 (2n isomer)	1.70	3.30	-1.60
	LysoPE 16:0	2.55	4.01	-1.46
	LysoPE 18:2	-1.50	-1.23	-0.27
	LysoPC 18:1	1.28	2.95	-1.67
	LysoPE 18:0	2.25	3.88	-1.63
	LysoPC 15:1	1.40	3.16	-1.77
	LysoPC 15:0	1.84	2.85	-1.01
	LysoPC 17:0	2.41	3.33	-0.93
	LysoPE 18:1	1.92	3.68	-1.76
	LysoPC 16:0 (2n isomer)	1.91	2.41	-0.50
	LysoPS 22:6	10.00	11.57	-1.56
	LysoPC 16:1 (2n isomer)	0.63	1.91	-1.28
	LysoPC 18:1 (2n isomer)	0.78	1.94	-1.16
	LysoPC 16:2 (2n isomer)	0.98	1.94	-0.95
	LysoPC 18:3 (2n isomer)	0.49	1.24	-0.75
	LysoPC 18:2 (2n isomer)	0.60	1.97	-1.37
	LysoPC 18:0 (2n isomer)	0.84	2.10	-1.26
	LysoPE 18:1 (2n isomer)	0.11	1.30	-1.19
	LysoPC 20:4	0.43	1.81	-1.38
Glycerolipids	MAG (18:4) isomer3	1.20	1.76	-0.55
	MAG (18:3) isomer3	-1.28	-0.92	-0.36
	MAG (18:4) isomer1	0.52	1.09	-0.57
	MAG (18:1) isomer2	0.07	1.42	-1.36
	MAG (18:3) isomer4	-0.62	-1.12	0.50
	MAG (18:1) isomer1	0.14	1.54	-1.40
	DGMG (18:2) isomer1	-0.13	0.96	-1.10
	DGMG (18:2) isomer3	-0.19	0.98	-1.17
Fatty acids	13-HOTrE	1.03	0.97	0.06
	13-HPODE	1.00	1.26	-0.26
	"9-Hydroxy-(10E,12Z,15Z)-octadecatrienoic acid"	0.91	1.45	-0.54
	"4-oxo-9Z,11Z,13E,15E-octadecatetraenoic acid"	0.86	1.34	-0.47

Note: The FCs were described with the log₂ transformed numbers, the bold fonts indicate significant difference metabolites in AT/MD, SD/MD and AT/SD. The positive number indicates the increase and negative numbers indicates the decrease, MD: mild drought group; AT: ABA treatment group; SD: severe drought group.