

Table S3. Thylakoid lipid content of leaf tissue from Col-0, Ws-4 and *Ler-0* accessions. Lipids were extracted from leaves harvested from plants grown on soil for six weeks at an irradiance of 120 $\mu\text{mol photons m}^{-2} \text{s}^{-1}$.

Accession	MGDG		DGDG		SQDG		PG	
	$\mu\text{mol g}^{-1}$	nmol cm^{-2}	$\mu\text{mol g}^{-1}$	nmol cm^{-2}	$\mu\text{mol g}^{-1}$	nmol cm^{-2}	$\mu\text{mol g}^{-1}$	nmol cm^{-2}
Col-0	1.82±0.07	32.67±0.80	0.97±0.05	17.41±0.60	0.20±0.01	3.59±0.20	0.70±0.05	12.56±0.70
	100%	100%	100%	100%	100%	100%	100%	100%
Ws-4	2.37±0.08*	32.75±0.60	1.36±0.08*	18.79±0.70	0.23±0.01	3.18±0.10	0.90±0.10	12.43±0.80
	130%	100%	140%	108%	115%	89%	129%	99%
<i>Ler-0</i>	1.74±0.01	29.33±0.10	1.04±0.01	17.53±0.10	0.19±0.01	3.20±0.10	0.67±0.02	11.29±0.30
	96%	90%	107%	100%	95%	89%	96%	90%

The lipid content was expressed as means \pm SD (n=3) on a leaf fresh weight and leaf area basis. The lipid content was also expressed relative to Col-0. *, Significantly different from Col-0 (Student's t-test $P < 0.05$).