

Quantitative Lipidomics for Plants

Based on the Widely Targeted Metabolomics approach and a database of **1747** plant lipids, the Quantitative Lipidomics Service for Plants allows high throughput analysis of plant lipids in all types of plant materials.



Wide Coverage

1747 lipids, covering 6 major lipid classes



Extensive Project Experience

Detected **500-800** lipids in over **100** species



Precise Quantitation

Quantitation using **23** isotopic internal standards

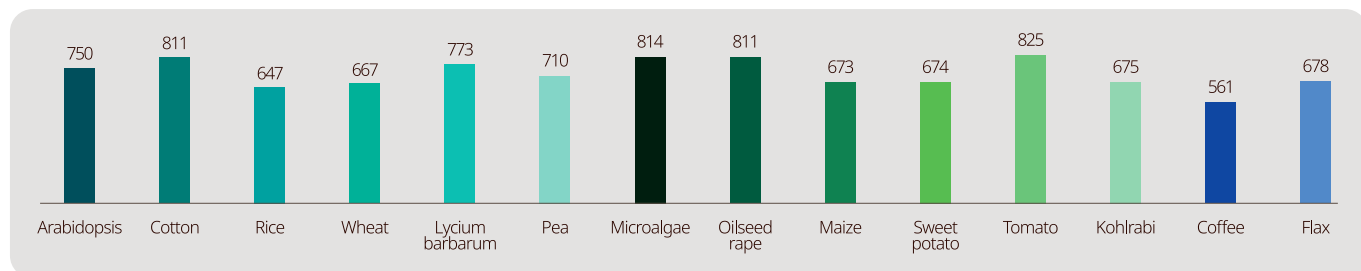


Comprehensive Data Analysis

Over **24** of analyses to fast track data exploration

Classes	Total number	Abbr.	Num	Abbr.	Num	Abbr.	Num
Class I 6							
Fatty acyls	51	FFA	51				
Glycerolipids	958	MG	19	DG	136	TG	490
		MGDG	73	DGDG	58	SQDG	38
		DGTS	81	LDGTS	22	DGGA	1
		ADGGA	7	DGCC	33		
Glycerophospholipids	530	LPA	13	LPC	33	LPE	25
		LPG	14	LPI	15	LPS	17
		PA	41	PC	96	PE	93
		PG	53	PI	69	PS	39
		PMeOH	22				
Sphingolipids	167	Sph	8	Cert	42	Cer	61
		HexCer	56				
Sterol lipids	38	CE	38				
Prenol lipids	3	CoQ	3				
Class II 31							
Total 1747							

Project Experience



Average number of lipids detected in different species.

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