

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

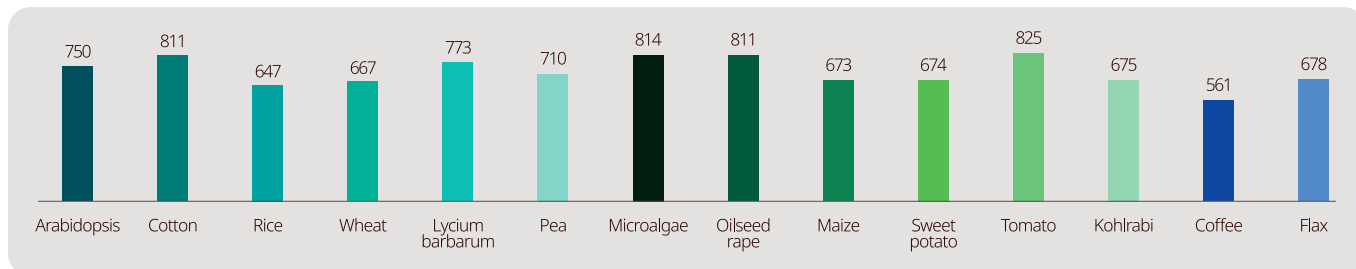


Comprehensive Data Analysis

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

Project Experience



Average number of lipids detected in different species.



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