

Table 1. Full-scale lipidomics profiling on 5600 Triple TOF (AB SCIEX- 5600 TripleTOF). Semi quantitative analysis of lipid classes and the number of lipid features identified corresponding to their class.

Lipid classes	Number of lipid species identified
Phosphocholine and Lyso PC	165
Phosphoethanolamine and Lyso PE	140
Phosphatidic acid & Lyso PA	95
Phosphatidylserine & Lyso PS	100
Phosphoglycerol & Lyso PG	60
Cholesterol ester	35
Ceramide	25
Hexosylceramide	16
Dihexosylceramide	20
Sphingomyelin	50
Monoacylglycerol	120
Diacylglycerol	150
Triacylglycerol	400

Table 2. Full-scale metabolomics profiling on 5600 Triple TOF (AB SCIEX- 5600 TripleTOF). Semi quantitative analysis of metabolite classes and the number of metabolite features identified corresponding to their class.

Metabolite classes	Number of metabolite features identified
Amino acids	19
Amino acid derivatives	35
Fatty acids	15
Fatty acyl-carnitines	20
TCA cycle metabolites	12
Dicarboxylic acids	6
Carbohydrates	12
Purine and Pyrimidine metabolites	16
Nucleosides, nucleotides, and analogues	12
Steroid metabolism	14
Bile acids	10
Eicosanoids	21
Vitamins and Enzyme cofactors	13
Hydroxy fatty acids	12
Lipids	55
Organic acids and derivatives	16
Di-peptides	21
Polyamines	3
Sugar phosphates	5
Other small molecules (Organoheterocyclic compounds)	35