

Supplementary Table 1. Final selected metabolites (n = 26) for targeted metabolomics for present study

Monosaccharide	TCA cycle	Ketogenesis	Amino acid	Choline
Glucose	Glycerol	Acetone	Isoleucine	Choline
Mannose	Lactate	Acetylcarnitine	Leucine	DMG
Xylose	Pyruvate		Valine	TMNO
Myo-inositol	Citrate		Creatine	Betaine
	Oxoglutarate		Taurine	
	Succinate		Threonine	
	Fumarate		Carnitine	
	Pyroglutamate		Oxoisocaproate	

DMG, *N,N*-dimethylglycine; TCA, tricarboxylic acid; TMNO, trimethylamine *N*-oxide.