

Supplementary Table 2. LC-MS QqQ selected metabolites from the MS/MS analysis.

Metabolite	Column	RT (min)	Mode	Precursor <i>m/z</i>	Product <i>m/z</i>
Citrate	C18PFP	1.32	negative	191.0	111.0
Fumarate	C18PFP	1.65	negative	115.0	71.2
Isocitrate	C18PFP	1.25	negative	191.0	111.0
Malate	C18PFP	1.08	negative	133.0	115.1
Succinate	C18PFP	1.82	negative	117.0	73.0
Acetyl-CoA	HILIC	3.65	negative	810.0	303.1
Aconitate	HILIC	3.47	negative	173.0	85.1
UDP-Glucose	HILIC	3.88	negative	565.0	323
Glucose-6-phosphate	HILIC	3.66	negative	259.0	97.1
Phosphoenolpyruvate	HILIC	3.55	negative	167.0	79.1
Oxaloacetate	HILIC	3.34	negative	131.0	87.1