

Supplementary table 1: ^{13}C chemical shifts of significant loadings from liver OPLS-DA analysis. The chemical shifts were putatively identified using hmdb.

Sample type	^{13}C ppm	Assignment
Liver hydrophilic extract	73.58	glycerol C2
	70.47	cysteine C2
	27.21	glutamine C3
	69.31	lactate C2
	54.9	alanine C2
Liver hydrophobic extract	128	polyunsaturated fatty acid