

Supplementary Table1. 2D ^{13}C - ^1H -HSQC spectrum of colon cancer cell were acquired based on $[\text{U-}^{13}\text{C}]$ glucose labeling.

Number	Metabolites	Carbon position	^1H chemical shift (ppm)	^{13}C chemical shift (ppm)
<i>Amino acids</i>				
1	Glutamate	$\text{C}\beta$	2.07, 2.13	29.58
	Glutamate	$\text{C}\gamma$	2.36	36.22
2	Glutamine	$\text{C}\gamma$	2.46	33.56
3	Glycine	$\text{C}\alpha$	3.57	44.20
4	Serine	$\text{C}\beta$	3.58	57.26
<i>Organic acids</i>				
5	Lactate	$\text{C}\alpha$	4.12	71.22
<i>Nucleotides</i>				
6	UTP / UDP	$\text{C}2$	4.39	76.49