

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: The labeled metabolites, reaction pairs, and non-reaction pairs in 293T cells labeled by [U-¹³C]-glutamine or [U-¹³C]-glucose.

File Name: Supplementary Data 2

Description: Known labeled metabolites, unknown labeled metabolites, known reactions and unknown reactions in isotopologue similarity network of 293T cells.

File Name: Supplementary Data 3

Description: The delta mass library.

File Name: Supplementary Data 4

Description: The reference reaction library.

File Name: Supplementary Data 5

Description: Known labeled metabolites, unknown labeled metabolites, known reactions and unknown reactions in isotopologue similarity network of iBMDM cells.

File Name: Supplementary Data 6

Description: Known labeled metabolites, unknown labeled metabolites, known reactions and unknown reactions in isotopologue similarity network of mouse liver.

File Name: Supplementary Data 7

Description: Metabolites detected in each metabolite treatment group and 345 metabolites detected in all groups.

File Name: Supplementary Data 8

Description: Known labeled metabolites, unknown labeled metabolites, known reactions and unknown reactions in the isotopologue similarity network of the LPS-treated iBMDM cells in negative ionization mode.