

Description of Additional Supplementary Items

File name: Supplementary Table 1

Description: Sequences of qPCR primers

File name: Supplementary Data 1

Description: All the source data of blot figures presented in the main and supplementary figures

File name: Supplementary Data 2

Description: Measured metabolites from 2D/3D cell lysates

File name: Supplementary Data 3

Description: Measured excreted metabolites from 2D/3D cell lysates

File name: Supplementary Data 4

Description: Measured metabolites from 2D/3D/kidney/nephron lysates

File name: Supplementary Data 5

Description: Measured lipids from 2D/3D/kidney/nephron lysates

File name: Supplementary Data 6

Description: Statistics on metabolites from 2D/3D cell lysates

File name: Supplementary Data 7

Description: Statistics on excreted metabolites from 2D/3D cell lysates

File name: Supplementary Data 8

Description: Statistics on metabolites from 2D/3D/kidney/nephron lysates

File name: Supplementary Data 9

Description: Statistics on lipids from 2D/3D/kidney/nephron lysates