## **Description of Additional Supplementary Files**

File name: Supplementary Data 1

Description: F1 neonatal, adult and F2 neonatal body and organ weights and ELSIA/Assay

tissue data

File name: Supplementary Data 2

**Description:** F1 neonatal offspring tissue lipidomic abundance

File name: Supplementary Data 3

**Description:** F1 adult offspring tissue lipidomic abundance

File name: Supplementary Data 4

Description: F1 adult offspring liver transcriptomic data

File name: Supplementary Data 5

Description: F1 adult male offspring liver transcriptomic data

File name: Supplementary Data 6

Description: F1 adult female offspring liver transcriptomic data

File name: Supplementary Data 7

Description: Adult liver Gene Ontology and Pathway output data

File name: Supplementary Data 8

Description: F1 adult fecal 16S sequencing data

File name: Supplementary Data 9

**Description:** F2 neonatal offspring tissue lipidomic abundance