

File name: Supplementary Data 1A-C and 2A-B

Description: Metabolomics data sets associated with Figure 3.

Supplementary Data File 1A: relative abundance of metabolites at 2mM and 20mM glucose in wild-type islets

Supplementary Data File 1B: relative abundance of metabolites at 2mM glucose in wild-type and diabetic islets

Supplementary Data File 1C: relative abundance of metabolites at 20mM glucose in wild-type and diabetic islets

Supplementary Data File 2A: relative abundance of metabolites at 2mM glucose in high glucose cultured INS1 cells (HG cells) and low glucose cultured INS 1 cells (LG cells)

Supplementary Data File 2B: relative abundance of metabolites at 20mM glucose in high glucose cultured INS1 cells (HG cells) and low glucose cultured INS 1 cells (LG cells)