

**Supplementary Figure 1.** **Enriched signaling pathways of downregulated DEGs in *FOXA2****–/–* **islets.** Principal component analyses (PCA) showing clear separation between DEGs **(A)** and DEmiRs **(B)** from *FOXA2–/–* islets and WT-islets. **(C)** Heatmaps of downregulated DEGs associated with diabetes mellitus, insulin processing, insulin secretion, and glucose homeostasis in FOXA2 absence using KEGG pathway and DAVID Tool.