

Description of Supplementary Data

File name: Supplementary Data 1

Description: The Supplementary Data 1 file contains all source data underlying the graphs and charts presented in the main figures (Figure 1-6). The source data includes: Relative mRNA expressions, Fluorescence intensity, Relative protein expressions, Insulin secretion, The increase of beta-cell membrane capacitance, The whole cell Ca^{2+} currents, Intracellular Ca^{2+} concentration ($[\text{Ca}^{2+}]_i$) peak intensity, Integrated Ca^{2+} load, Frequency of $[\text{Ca}^{2+}]_i$ peaks, Human microarray mRNA expressions and Correlation of microarray mRNA expressions.