

Supplementary Information

A common variant in the melatonin receptor gene (*MTNR1B*) is associated with increased risk of future type 2 diabetes and impaired early insulin secretion

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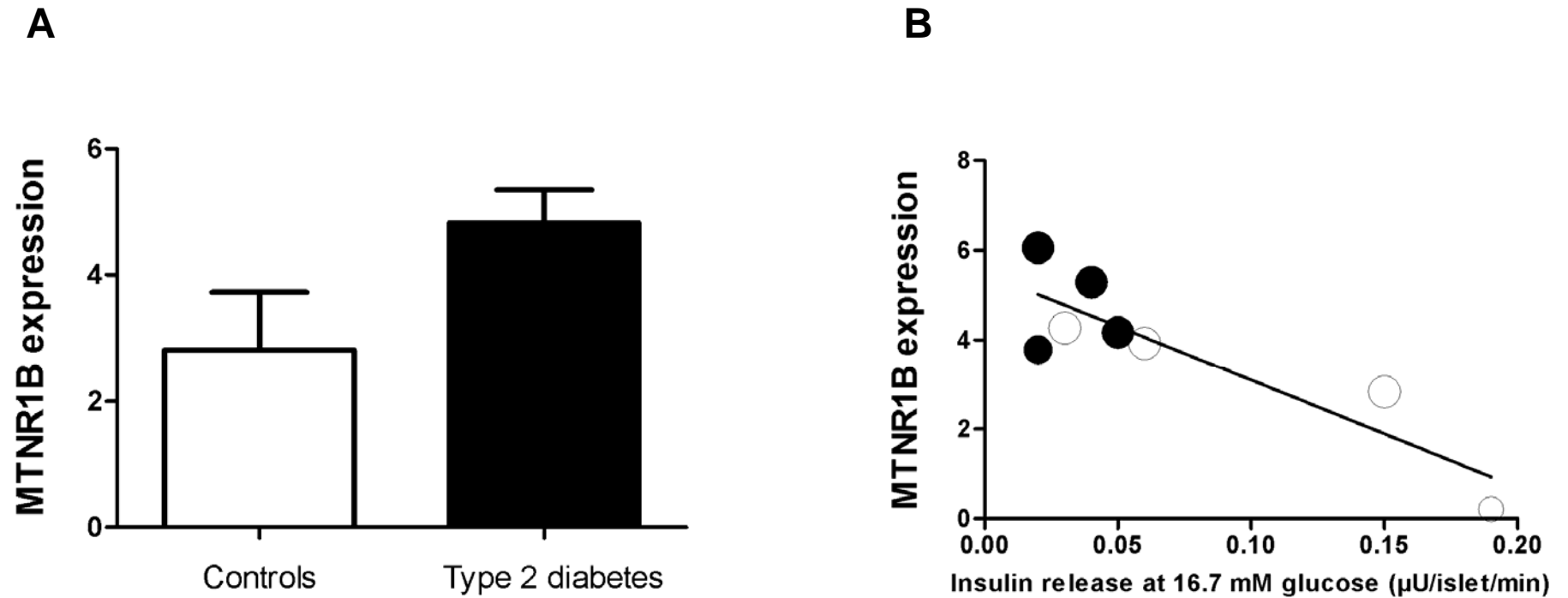


Fig. S1 Expression of *MTNR1B* in human pancreatic islets. (A) The *MTNR1B* mRNA levels in human pancreatic islets was 50% higher in T2D (n=4, black bar) compared to controls in the microarray studies¹⁶ (n=4, white bar). Bars represent mean \pm SE. (B) Correlation between the *MTNR1B* mRNA levels and insulin release at 16.7 mM glucose¹⁵.