Figure S3
Fig. S3. □1-only mice present a delay in the response to glucose intraperitoneal injection.

(A) Glucose tolerance test performed with mice that were fasted overnight (n ≥ 15 ; 8-14 weeks old). No sex-related differences were observed. Blood was collected from the tail prior to (t=0) and after glucose injection, and glycemia was measured. (B) Insulin sensitivity test (n ≥ 5). (C) Transcript levels of Kir6.2 in the whole pancreas (left) and in isolated islets (right) as determined by real time PCR. Results are normalized to □-actin and shown relative to the WT (n ≥ 3 for whole pancreas; n wt = 2, n □1-only = 4, n □7-only = 4 for isolated islets). (D) Transcript levels of pancreatic transcription factors (HNF4□, HNF1□, Pdx1), insulin and glycolytic enzymes (GK, L-PK) in isolated islets as determined by real time PCR (n=2-4). L-PK, liver-type pyruvate kinase.