



Supplemental Figure 1 – Streptozotocin induced diabetes. Panel A shows the daily blood glucose concentration of the rats in this trial immediately before and daily after STZ administration. The blood glucose concentration was measured twice on the third day post STZ administration, once before insertion of the Lin Plant and once 4 hours after the insertion of the Lin Plant. Times of STZ administration and Lin Plant insertion are denoted by arrows in both Panel A and B. Panel B shows the body weights of the rats 6 days prior to the STZ injection and their weights for the following 10 days. Panel C shows the average hC-peptide blood concentration for the respective groups on the second and third day post STZ injection.

Antigen	Supplier	Catalog Number	Dilution
Glucagon	Sigma Aldrich St. Louis, MO	G2654	1:500
Insulin	DAKO Carpinteria, CA	A056401-2	1:500
Urocortin 3	BACHEM Torrance, CA	T-4761	1:500
PDX1	R&D Minneapolis, MN	MAB2419	1:200
FOXA2	Santa Cruz Dallas, TX	SC-6554	1:200
NKX6.1	DSHB Iowa City, IA	F64A6B4-c	1:200
C-PEPTIDE	DSHB Iowa City, IA	GN-ID4-c	1:500
VWF	DAKO Carpinteria, CA	A0082	1:100

Supplemental Table 1 – Antibody Table. Table of antibodies used in the trial.

Gene	TaqMan Probe
NANOG	Hs04260366_g1
POU5F1	Hs00999634_gH
SOX2	Hs01053049_s1
NODAL	Hs00415443_m1
FOXA2	Hs00232764_m1
MEOX1	Hs00244943_m1
THY1	Hs00264235_s1
COL6A1	Hs01095585_m1
PDX1	Hs00236830_m1
SOX9	Hs01001343_g1
PTF1A	Hs00603586_g1
CPB1	Hs00157026_m1
BHLHA15	Hs00703572_s1
HNF1B	Hs01001602_m1
NKX6.1	Hs00232355_m1
ONECUT1	Hs00413554_m1
GLIS3	Hs00541450_m1
NEUROG3	Hs01875204_s1
NEUROD1	Hs01922995_s1
GCG	Hs01031536_m1
SST	Hs00356144_m1
INS	Hs02741908_m1
MAFA	Hs01651425_s1
SLC30A8	Hs00545183_m1
HEPCAM2	Hs01650957_m1
VDR	Hs00172113_m1
HHEX	Hs00242160_m1
ALB	Hs00910225_m1
CDX2	Hs01078080_m1
GAPDH	Hs02758991_g1

Supplemental Table 2 –TaqMan Probes Table. Table of the TaqMan probes used in the generation of Figure 1.