

Supplementary Table 1. Primers for semi-quantitative PCR

Gene	Primer sequences*	T _m °C	Product size (bp)	GenBank accession no.
Gapdh	F: AAGGTGGTGAAGCAGGCGGC, R: TCCTTGCTGGGCTGGGTGGT	61	261	NM_017008.3
Glucagon	F: TCGTGGCTGGATTGTTTGA, R: GTGAATGTGCCCTGTGAATG	59	160	NM_012707.1
Insulin-1	F: GCTACAATCATAGACCATCAGC, R: CACTTGTGGGTCTCCACTT	59	231	NM_019129.2
Insulin-2	F: CATCAGCAAGCAGGTCATTG, R: CACTTGTGGGTCTCCACTT	60	216	V01243
Somatostatin	F: CTCGGACCCAGACTCCGTCAG, R: GTGCCATGGCTGGGTTTCGAGTTG	60	215	NM_012659.1
Pancreatic polypeptide	F: CTATCCACTTGGGTGGCTCT, R: ACCTAGGCCTGGTCAGTGTG	59	157	NM_012626.2
Kir6.2	F: GTAGGGGACCTCCGAAAAG, R: TTGGAGTCGATGACGTGGTA	59	188	NM_031358.3
Calcium Channel	F: GAGTCCAGTGAGAACTCAACAG, R: GTGGTGACCTCGATGAACTTG	59	251	NM_012517.2
PC1/3	F: CCTTCTCTTAATATGCCAAC, R: GCTACTAATCTCACTCAAAGC	56	143	NM_017091.2
Trypsin	F: CAGCTCACTGCTACAAATCCCGCA, R: AGCTACAGGGGCCACTCGGG	60	200	NM_012635.1
Elastase-1	F: AGGGACCCTCATCCGACGCA, R: GGCCAAGCGCAATAGGGCGA	60	208	NM_012552.3
Endogenous Pdx1	F: GGCTTAACCTAAACGCCACACA, R: GGGACCGCTCAAGTTTGTA	60	247	NM_022852.3
NeuroD1	F: GGATGATCAAAGCCCAAGA, R: GCAGGGTACCACCTTTCTCA	59	163	NM_019218.2
Nkx2.2	F: GGGGTTTTTCAGTCAAGGACA, R: AGTCCGTGCAGGGAGTATTG	59	246	XM_345446.3
Nkx6.1	F: ACTTGGCAGGACCAGAGAGA, R: GGGCTTGTTGTAATCGTCGT	60	209	NM_031737.1

* F: forward primer, R: reverse primer