

Supplemental Table 1. Primers used for quantitative RT-PCR purchased from Applied Biosystems

Primer	Catalogue Information	
	Human	Mouse
Insulin	Hs00356618 ml	
Insulin I		Mm01259683 gl
Insulin II		Mm00731595 gh
Glucagon	Hs00174967 ml	Mm00801712 ml
Somatostatin	Hs00356144 ml	Mm00436671 ml
IAPP	Hs00169095 ml	Mm00439403 ml
GCK	Hs00277220 ml	Mm00439129 ml
GLUT-1	Hs00197884 ml	Mm00441473 ml
GLUT-2	Hs00165775 ml	Mm00446224 ml
Pdx1	Hs00426216 ml	Mm00435565 ml
MafA	Hs01651425 sl	Mm00845209 sl
MafB	Hs00534343 sl	Mm00627481 sl
AMY2A	Hs00420710 gl	Mm02342487 gl
BAD	Hs00188930 ml	Mm00432042 ml
BAX	Hs00180269 ml	Mm00432050 ml
BID	Hs00609632 ml	Mm00626981 ml
BCL2	Hs00153350 ml	Mm00477631 ml
BCL2L1 (bcl-xl)	Hs00236329 ml	Mm00437783 ml
DDIT3 (Chop)	Hs01090850 ml	Mm00492097 ml
18S	Hs99999901s1	Hs99999901s1
Actin	Hs99999903 ml	Mm00607939 sl
TFRC	Hs99999911 ml	Mm00441941 ml
TBP	Hs99999910 ml	Mm00446973 ml