

Supplementary Table S2, related to Figure 5, S1, S2, S5 and S7 . List of oligonucleotide used in this study. (To modify for publication)

Gene Name	Gene symbol	Species	Primer
<i>Cyclophilin</i>	<i>Cyclo</i>	Mouse	ATGGCACTGGCGGCAGGTCC
			TTGCCATTCTGGACCCAAA
<i>E2f1</i>	<i>E2f1</i>	Mouse	GATCGAAGCTTTAATGGAGCG
			CCCTTGCTTCAGAGAACAGG
<i>E2f1 Exon3</i>	<i>E2f1 Exon3</i>	Mouse	ACAGCTGCAACTGCTTTCGGAG
			AGCTTGTAGTTGGGTCTCAGGAGG
<i>Paired Box 4</i>	<i>Pax4</i>	Mouse	GTGTACCCTCAGTGCCTTG
			ATAGGCCTGGGATGAGGTGT
<i>Pancreatic and duodenal homebox 1</i>	<i>Pdx1</i>	Mouse	ATTGTGCGGTGACCTCGGGC
			GATGCTGGAGGCTGTGGCG
<i>Aristaless-related homebox</i>	<i>Arx</i>	Mouse	GCGGGCTTCCAGAAGACGC
			CTGGAACCACTGGACTCGG
<i>Homebox protein Nkx2.2</i>	<i>Nkx2.2</i>	Mouse	GTGCAGGGAGTATTGGAGGC
			GAAGGGCCAGAGGAGAGA
<i>Forkhead box protein O1</i>	<i>Foxo1</i>	Mouse	TGCCCAACCAAGCTTCCACA
			TGGACTGCTCCTCAGTCTCTGCT
<i>Insulin1</i>	<i>Ins1</i>	Mouse	GCCAAACAGCAAAGTCCAGG
			GTTGAAACAATGACCTGCTTGC
<i>Insulin2</i>	<i>Ins2</i>	Mouse	CAGCAAGCAGGAAGCCTATCT
			CAGGTGGGAACCAAAAGGT
<i>Glucagon</i>	<i>Gcg</i>	Mouse	AGGCCGAGGAAGCGAGACT
			GGAGCCATCAGCGTGCCTGC
<i>Potassium voltage-gated channel subfamily J member 11</i>	<i>Kcnj11</i>	Mouse	CACAAGCTGGGTTGGGGGCTC
			TGCCCTCAGCTGGGTTCTGC
<i>Dihydrofolate reductase</i>	<i>Dhfr</i>	Mouse	ATGGTTCGACATTGAAGTGCATCG
			TCTTCTCAGGAATGGAGAACCAGG
<i>Glucokinase</i>	<i>Gck</i>	Mouse	GCTCAGTGAACCCGGTCAAGC
			TGTGCGCAGCTGCTCTGAGG
<i>v-maf musculoaponeurotic fibrosarcoma oncogene family, protein A</i>	<i>MafA</i>	Mouse	CCTGTAGAGGAAGCCGAGGAA
			CCTCCCCAGTCGAGTATAGC
<i>v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B</i>	<i>MafB</i>	Mouse	TTAGCGCAGACAGAGTACCGAAA
			ATACTCTTACACTCCACCCTCG
<i>Solute carrier family 2 (facilitated glucose transporter)</i>	<i>Slc2a2</i>	Mouse	AACCGGGATGATTGGCATGT
			GGCGAATTTATCCAGCAGCA
<i>Proprotein convertase subtilisin/kexin type1</i>	<i>Pcsk1</i>	Mouse	CCGGAGGGCAAGAAGCTGCC
			TGTTCAAGCCACGTCAACGAT
<i>Proprotein convertase subtilisin/kexin type2</i>	<i>Pcsk2</i>	Mouse	AAAGATGGCGCTGCAACAAG
			TTGCCAGTGTGAACAGGT
<i>Proprotein convertase subtilisin/kexin type9</i>	<i>Pcsk9</i>	Mouse	TTGCAGCAGCTGGAACTT
			CCGACTGTGATGACCTCTGGA
<i>Urocortin 3</i>	<i>Ucn3</i>	Mouse	TGATGCCACCTACTTCTCTG
			CTGTGTTGAGGCAGCTGAAG
<i>Hepatocyte nuclear factor 1 homeobox a</i>	<i>Hfn1a</i>	Mouse	ACCGTACCCGTGGACCTTA
			CCTGAGATCTACAGCACCTG
<i>Glucagon like peptide 1 receptor promoter</i>	<i>Glp1r</i>	Mouse	CTGCGGCTCTAAACCTGAG
			CTGTCTCTTCGCGCTGG
<i>Enhancer of zeste homolog 2 promoter</i>	<i>Ezh2</i>	Mouse	TTCGGCCCTCTGATTGGAC
			CATCGCTTTATTATGGCCCC
<i>Cyclin E1 promoter</i>	<i>Ccne1</i>	Mouse	GTTCTTAACCTCGGGCCCT
			CAAGTGGAATGTCAGCAGGG
<i>Intergenic region (Chromosome 7)</i>	<i>Chr7</i>	Mouse	ACTCTGCCTGTCAACCTTTT
			GGTGTCAAGAGAGTGTGGGA
<i>E2F1</i>	<i>hE2F1</i>	Human	ATGGCACTGGCGGCAGGTCC
			TTGCCATTCTGGACCCAAA
<i>Paired Box 4</i>	<i>hPAX4</i>	Human	AGCAGAGGCACTGGAGAAAGAGTT
			CAGCTGCATTTCCACTTGAGCTT
<i>Pancreatic and duodenal homebox 1</i>	<i>hPDX1</i>	Human	CGTCCAGCTGCCTTTCCAT
			CCGTGAGATGTACTTGTGAATAGGA
<i>Aristaless-related homebox</i>	<i>hARX</i>	Human	CTGCTGAAACGCAACAGAGGC
			CTCGGTCAAGTCCAGCCTCATG
<i>v-maf musculoaponeurotic fibrosarcoma oncogene family, protein A</i>	<i>hMAFA</i>	Human	TTGTACAGGTCCCGCTCTTT
			AGCAGAGGCACTGGAGAAAGAGTT
<i>Neurogenic Differentiation</i>	<i>hNEUROD1</i>	Human	GCCCCAGGGTTATGAGACTAT
			GAGAACTGAGACACTCGTCTGT
<i>Insulin</i>	<i>hINS</i>	Human	AGCCTTTGTGAACCAACACC
			GCTGGTAGAGGGAGCAGATG
<i>Glucagon</i>	<i>hGCG</i>	Human	CATTCACAGGGCACATTAC
			CGGCCAAGTTCTTCAACAAT