

Table S4. List of primary antibodies used in immunofluorescence staining and Western blot analysis.

Primary Antibodies				
Antigen	Host	Dilution	Source	Catalogue #
Nkx6.1	Rabbit	1:800	BCBC	AB1069
Insulin	Guinea Pig	1:2000	Dakocytomation	A0564
Glucagon**	Mouse	1:5000	Sigma	G2654
Somatostatin	Rabbit	1:3000	Dakocytomation	A0566
Pancreatic Polypeptide	Rabbit	1:2000	Dakocytomation	A0619
GFP	Rat	1:1000	C. Kioussi, Oregon State University	Gift
Pdx1	Guinea Pig	1:10000	C. Wright, Vanderbilt	Gift
MafA	Rabbit	1:1000	Bethyl Labs	IHC-00352
PC1/3	Rabbit	1:2000	D. Steiner, University of Chicago	Gift
ERO1-Beta	Rabbit	1:300	D. Ron, Cambridge University	Gift
GLUT2	Rabbit	1:1000	Millipore	07-1402
Chromogranin A	Goat	1:500	Santa Cruz	SC-1488
p-AMPK*	Rabbit	1:100	Cell Signaling Technology	#2535
Cyclin D2	Rabbit	1:200	Santa Cruz	SC-593
Ki-67	Rabbit	1:500	Lab Vision	#RM-9106-S0
GAPDH	Mouse	1:1000	Ambion	4300
Urocortin 3	Rabbit	1:1000	M. Huising, Salk Institute	Gift
Ngn3	Guinea Pig	1:1000	M. Sander	(Henseleit et al., 2005)

*: Tyramid signal amplification (TSA) was required (Invitrogen)

** : Used with M.O.M. kit (Vector Labs)