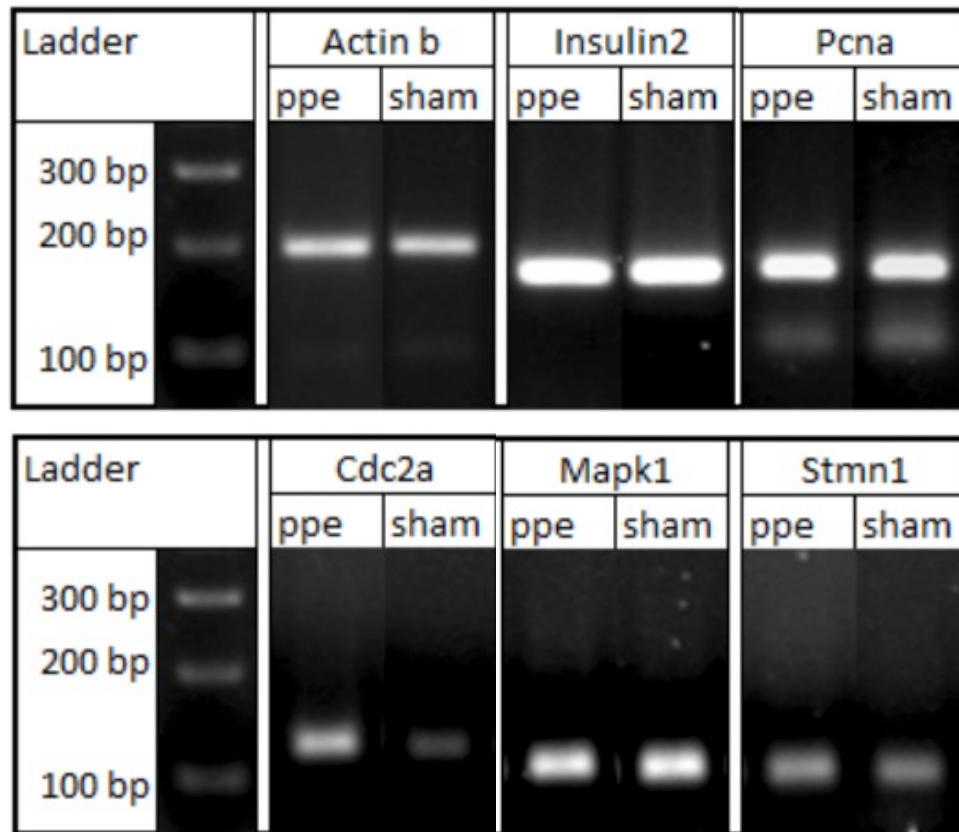


ESM Figure 6



Gene	beta actin		Ins2		Cdc2a		Stmn1		Pcna		Mapk1	
Group	PPE	Sham	PPE	Sham	PPE	Sham	PPE	Sham	PPE	Sham	PPE	Sham
MW Ct	31,38	30,62	17,33	16,69	28,08	29,47	26,22	27,49	26,36	26,27	26,25	25,60
Fold change	1,69		1,08		4,44		4,09		1,6		1,08	
p-value	0,597		0,899		0,031		0,039		0,43		0,87	

Figure 6: Quantitative PCR (Q-PCR) on selected genes beta cell specific such as *insulin2* gene or known to regulate cell proliferation and cell cycle such as *Cdc2a*, *Stmn1*, *Pcna* and *Mapk1*. Q-PCR of *Beta actin* was included for normalization.