

Table S1. List of primers used for cloning and sequencing.

Primer	Sequence (5'→3')
FP attB1	GGG GAC AAG TTT GTA CAA AAA AGC AGC GTA TGG TGA GCA AGG GCG AGG A
FP attB2	GGG GAC CAC TTT GTA CAA GAA AGC TGG GTC TTG TAC AGC TCG TCC ATG CCG
Gateway 1	CAC ATT ATA CGA GCC GGA AGC AT
Gateway 2	CAG TGT GCC GGT CTC CGT TAT CG
M13 Fwd (-20)	GTA AAA CGA CGG CCA G
M13 Rev	CAG GAA ACA GCT ATG AC
Nkx6.1 attB1	GGG GAC AAG TTT GTA CAA AAA AGC AGG CTA CCA TGG AGG GCA CCC GGC AGA GCG CAT TCC TG
Nkx6.1 attB2	GGG GAC CAC TTT GTA CAA GAA AGC TGG GTT TCA GGA TGA GCT CTC CGG CTC GGA CGC GTG C
Pdx1-VP16 attB1	GGG GAC AAG TTT GTA CAA AAA AGC AGC GTA TGA ACG GCG AGG AGC AGT ACT ACG CG
Pdx1-VP16 attB2	GGG GAC CAC TTT GTA CAA GAA AGC TGG GTT CGT GGT TCC TGC GGC CG
pLVX-TRE3G Fwd	CAG ATC GCC TGG AGC AAT TC
pLVX-TRE3G Rev	GCT CCA GAC TGC CTT GGG AA