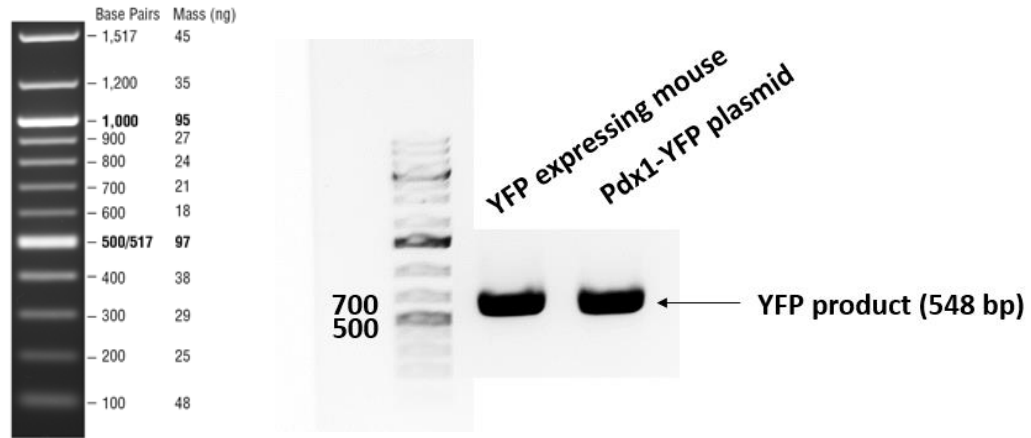


Pdx1-YFP Alternative Genotyping Protocol
Designed by: Leesa Sampson, TMESCSR July 2018



Primers:

YFP Fwd1: CATGTGATCGCGCTTCTCGTT
YFP Rev1: ACGGCCACAAGTTCAGCGTGT

PCR product size: 548 bp

20 µL PCR reaction

2X Econotaq master mix (Lucigen)	= 10 µL
Nuclease free water	= 7.0 µL
10 µM YFP Fwd-1	= 1.0 µL
10 µM YFP Rev-1	= 1.0 µL
Mouse tail DNA digest	= 1.0 µL

PCR program

1. 95°C, 2 minutes
2. 95°C, 30 seconds
3. 62°C, 30 seconds
4. 72°C, 35 seconds
5. Go to 2, 35 X
6. 72°C, 5 minutes
7. 12°C, ∞