

## Genotyping G178 (Nkx2.1-iCre)

### PCR mix:

House Taq	1.0 µl
10x PCR Buffer	2.5 µl
25mM MgCl <sub>2</sub>	1.5 µl
20mM dNTPs	0.25 µl
Nkx2.1 5'AscF1	0.2 µl
iCre250 AS	0.2 µl
H <sub>2</sub> O	17.35 µl
DNA	2 µl

### Amplification programme:

Use Eppendorf, MWG or Techne ALEX programme:

94°C 4mins

94°C 30sec

62°C 45sec x33

72°C 1min

72°C 10mins

10°C forever

### PCR products expected:

WT None

+/Tg 848 bp

Tg/Tg 848 bp

### Primers:

Nkx2.1 5'AscF1

TTG GCG CGC CTC TAC CCC ACC TCT GGC CCT CC

iCre250 AS

AGG TAC AGG AGG TAG TCC CTC