

## Genotyping H101 (Nkx2.2-CreER<sup>T2</sup>)

### 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
Nkx2.2 CreER F2	0.2 µl
Nkx2.2 3' R1	0.2 µl
H <sub>2</sub> O	17.35 µl
DNA	2 µl

### Amplification programme:

Use Eppendorf (RTM Nkx 3) or MWG:

94°C 4mins

94°C 20sec

57°C 30sec x38

72°C 30min

72°C 10mins

10°C forever

### PCR products expected:

WT None

+Tg 400 bp

Tg/Tg 400 bp

### Primers:

Nkx2.2 CreER F2 ACG CCC ACC GCC TAC ATG

Nkx2.2 3' R1 GGG CAT ACT AAG CAA ATG