

Genotyping F155 (Sox10-Cre)

PCR mix:

| | |
|------------------------|----------|
| House Taq | 1.0 µl |
| 10x PCR Buffer | 2.5 µl |
| 25mM MgCl ₂ | 1.5 µl |
| 20mM dNTPs | 0.25 µl |
| Cre 5' | 0.2 µl |
| Cre 3' | 0.2 µl |
| H ₂ O | 17.35 µl |
| DNA | 2 µl |

Amplification programme:

Alex:

94°C 4mins

94°C 30sec

61°C 45sec x33

72°C 1min

72°C 10mins

10°C forever

F154- 1 min

94°C 4mins

94°C 30sec

59°C 45sec x37

72°C 1min

72°C 10mins

10°C forever

PCR products expected:

WT None

+/Tg 481 bp

Tg/Tg 481 bp

Primers:

Cre 5' TCG ATG CAA CGA GTG ATG AG

Cre 3' TTC GGC TAT ACG TAA CAG GG