

## Genotyping K152 (Sox10-GFP-DTA)

### 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
3' end DTA fwd	0.2 µl
3' sox10 sac1 rev	0.2 µl
H <sub>2</sub> O	17.35 µl
DNA	2 µl

### Amplification programme:

Use Eppendorf (GAPD62) or MWG:

94°C 4mins

94°C 30sec  
61°C (-1 °C) 45sec      x5  
72°C 1min

94°C 30sec  
56°C 50sec      x35  
72°C 1min

72°C 10mins  
10°C forever

### PCR products expected:

WT None  
+/Tg 615 bp  
Tg/Tg 615 bp

### Primers:

3' end DTA fwd      GAA ATC GTG TCA GGC GAT CT  
3' sox10 sac1 rev    GAG CTC AAG GAT CAG AGT GTC CCA CCC TGC