

Genotyping Dlx-loxVenus-lox

PCR mix:

House Taq	0.5 µl
10x PCR Buffer	2.5 µl
25mM MgCl ₂	1.5 µl
20mM dNTPs	0.25 µl
5' Dlx1 (b) Xba F1	0.2 µl
Venus Rev	0.2 µl
H ₂ O	17.85 µl

Amplification programme:

F154-1min	or	ALEX programme
94°C 4 mins		94°C 4 mins
94°C 30 sec		94°C 30 sec
59°C 45 sec x37		62°C 45 sec x33
72°C 1 min		72°C 1 min
72°C 10 mins		72°C 10 mins
10°C forever		10°C forever

PCR products expected:

WT none
+/Tg 840 bp
Tg/Tg 840 bp

Primers:

5' Dlx1 (b) Xba F1 TCT AGA TGG ACC GGA TTC TCC CCA GG
Venus Rev CCT TGA TGC CGT TCT TCT GCT TGT