

Genotyping G199 (Emx1-CreER^{T2})

PCR mix:

House Taq	1.0 µl
10x PCR Buffer	2.5 µl
25mM MgCl ₂	1.5 µl
20mM dNTPs	0.25 µl
PCR2F1	0.2 µl
PCR2R1	0.2 µl
H ₂ O	17.35 µl
DNA	2 µl

Amplification programme:

Use 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 785 bp

Tg/Tg 785 bp

Primers:

PCR2F1 GCT TGA TGA AGA TCT GAG CTC C
PCR2R1 CGG GTC ACG AAC ACG GCA TGG