

Genotyping iCre and iCreER^{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
iCre 250 s	0.2 µl
iCre 880 as	0.2 µl
H ₂ O	17.35 µl
DNA	2 µl

Amplification programme:

Use Eppendorf, MWG or Techne ALEX programme:

94°C 4mins

94°C 30sec

61°C 45sec x33

72°C 1min

72°C 10mins

10°C forever

PCR products expected:

WT None

+/Tg 630 bp

Tg/Tg 630 bp

Primers:

iCre 250 s (For)

iCre 880 as (Rev)

GAG GGA CTA CCT CCT GTA CC

TGC CCA GAG TCA TCC TTG GC