

Genotyping E193 (Olig2-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
CreF1	0.2 µl
Olig-2 R1	0.2 µl
H ₂ O	17.35 µl
DNA	2 µl

Amplification programme:

MGE 193:

94°C 4mins

94°C 30sec

61°C 45sec x34

72°C 1min

72°C 10mins

10°C forever

PCR products expected:

WT None

+/- ~400 bp

-/- ~400 bp

Primers:

CreF1 GCC AGC TAT CAA CTC GCG CCC

Olig-2 R1 GTG GAA GAC GTG GCC GCC