

STRAIN NAME :

CCR2(creERT2-mKate2)

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Sigma)
- Primers 30µM (Eurofins)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	7,40 µl
2X Kapa Buffer	10,00 µl
CCR2creF	0,30 µl
CCR2creR	0,30 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	60°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- CCR2creF 5' AGAAAGTGAGCCCTCTGTATGG 3'
- CCR2creR 5' TTGGCATTTCCTGGTGAGC 3'

EXPECTED AMPLIFICATIONS

WT allele : 300 bp
Modified allele: 400 bp

Perfection date : 20/12/2019

Update :