



STRAIN NAME :

GR+/em3

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	6,80 µl
2X Kapa Buffer	10,00 µl
GR3R	0,60 µl
GR7F2	0,60 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 2.5% agarose gel.

PRIMERS SEQUENCES

- GR3R 5' GGTAGGTAGCTCCTTTAAGG 3'
- GR7F2 5' GTCTGTGGAATTTAACAATGC 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 185 bp
Floxed allele (f) : 167 bp

Perfection date : 09/02/2024

Update :