

STRAIN NAME :

**MR1 KO**

REAGENTS AND SOLUTIONS:

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

REACTION MIX :

MIX	Quantity / well
Water	6,20 µl
2X Kapa Buffer	10,00 µl
MR1F	0,90 µl
MR1R	0,40 µl
MR1KOR	0,50 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

- MR1F      5' AGCTGAAGTCTTTCCAGATCG 3'
- MR1R      5' ACAGTCACACCTGAGTGGTTG 3'
- MR1 KOR    5' GATTCTGTGAACCCTTGCTTC 3'

EXPECTED AMPLIFICATIONS

WT allele : 425 bp  
 Modified allele: 371 bp

*Perfection date : 02/10/2018*

*Update :*