

	TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES PHENOMIN	BM-DRF-002 22/10/2013
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STRAIN NAME :

Mtnr1a

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	6,80 µl
2X Kapa Buffer	10,00 µl
Mtnr1amutF	0,60 µl
Mtnr1aWTR	0,30 µl
Mtnr1amutR	0,30 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

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

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- Mtnr1amutF 5' GCGGGAGGGCCATAAAAAGTGGC 3'
- Mtnr1aWTR 5' CTTCTTGTTGCGGTACACAGACAGG 3'
- Mtnr1amutR 5' CTAGTCTGTTCAGCTGTGTCACACC 3'

EXPECTED AMPLIFICATIONS

WT allele : 294 bp
Modified allele: 196 bp

Perfection date : 05/10/2022

Update :