



STRAIN NAME :

Nap1L4

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
Nap1L4F	0,60 µl
Nap1L4R	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 1.5% agarose gel.

PRIMERS SEQUENCES

- Nap1L4F 5' AGGTCACATCAGGGCATTTC 3'
- Nap1L4R 5' TTCACCTGAGACAGCTGGTG 3'

EXPECTED AMPLIFICATIONS

WT allele : 349 bp
KO allele: 180 bp

Perfection date : 31/01/2019

Update :