



STRAIN NAME :

TReP 132 Flox

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
TRep132 flox1	0,30 µl
TRep132 flox2	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

- TRep132 flox1 5' GAGTCAACTGAGACCCAAGAAATGG 3'
- TRep132 flox2 5' GTTCCTTCCTGTA ACTCTGGGTCC 3'

EXPECTED AMPLIFICATIONS

WT allele : 200 bp
Modified allele: 380 bp

Perfection date : 27/03/2012

Update :