



STRAIN NAME :

LGI 1

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
LGI1F	0,60 µl
LGI1R	0,30 µl
LGI1KOR	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

- LGI1F 5' ATTCCTTAGTGCCCTGTTTTTA 3'
- LGI1R 5' TGTCTGGATTCAATGCTGTCTTAGA 3'
- LGI1KOR 5' CCTCTTAGCCACTGAGGCATCT 3'

EXPECTED AMPLIFICATIONS

WT allele : 110 bp
Floxed allele: 150 bp
KO allele: 250 bp

Perfection date : 24/11/2017

Update :