STRAIN NAME : KIKS

REAGENTS AND SOLUTIONS:

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

REACTION MIX WT allele :

MIX	Quantity / well	
Water	7,40	µl
2X Kapa Buffer	10,00	µl
KIKS WTF	0,30	µl
KIKS WTR	0,30	µl
DNA	2,00	µl
Final Quantity	20,00	µl

REACTION MIX KO allele :

MIX	Quantity / well	
Water	7,40	µl
2X Kapa Buffer	10,00	µl
KIKS KIF	0,30	µl
KIKS KIR	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

- KIKS WTF 5' GACCAAGCTGGAGCTGAAAC 3'
- KIKS WTR 5' CTGTGCCTCAGGAAAGTGGT 3'
- KIKS KIF 5' GACTTCGCAGGCGTAGACTT 3'
- KIKS KIR 5' ATCGTAGATCTCTGTTGACTTCTCCCAGC 3'

EXPECTED AMPLIFICATIONS

WT allele : 1114 bp
KI allele: 1000 bp

Perfection date : 11/07/2017
Update :