



STRAIN NAME :

Khdrbs1 tm1a

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
KHdrbs1F	0,30 µl
KHdrbs1R	0,60 µl
KHdrbs1KOF	0,30 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	55°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- KHdrbs1F 5' CAGATGCTATTTTGGATCCT 3'
- KHdrbs1R 5' AGATCAGCTTTCAGGATAGC 3'
- KHdrbs1KOF 5' GGGATCTCATGCTGGAGTTCTTCG 3'

EXPECTED AMPLIFICATIONS

WT allele : 300 bp
Modified allele: 558 bp

Perfection date : 19/06/2018

Update :