

STRAIN NAME :

TFRC

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
TFRCWTF	0,30	µl
TFRCR	0,60	µl
TFRCKIF	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

- | | |
|-----------|----------------------------|
| - TFRCWTF | 5' AAGGAAGCTGTCCTGCTAGA 3' |
| - TFRRCR | 5' TCCTTCTCCTTCCTGCACTA 3' |
| - TFRCKIF | 5' GTAACCTTCACTGGACAGG 3' |

EXPECTED AMPLIFICATIONS

WT allele (+) : 216 bp
 KI allele (i) : 318 bp

Perfection date : 28/11/2023

Update :