

STRAIN NAME :

TCRab 172

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
VaF	0,30 µl
VaR	0,30 µl
VbF	0,30 µl
VbR	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

- VaF 5' GGTCTGCTCTGAGATGCATTTTT 3'
- VaR 5' GATGTCCCCTGCCAACAC 3'
- VbF 5' AACAGGAGGAAAGGTGACATTGAG 3'
- VbR 5' AGCTTGGTTCCATGACCGA 3'

EXPECTED AMPLIFICATIONS

TCRa : 260 bp
TCRb : 290 bp

Perfection date : 14/09/2018

Update :