

STRAIN NAME :

Tmem94<tm1c>

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
B10RikF	0,60 µl
B10RikR	0,30 µl
KOR	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

- B10Rik F 5' ACCATGTTGCTGGCACC 3'
- B10Rik R 5' ATTCCAGCACTGTGGGGAG 3'
- KOR 5' CCAACAGCTTCCCCACAACGG 3'

EXPECTED AMPLIFICATIONS

tm1c allele : 505 bp
WT allele: 417 bp