

STRAIN NAME :

Tmprss9 KO

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
Tmprss9F(P2)	0,30 µl
Tmprss9R2	0,30 µl
Tmprss9KOR	0,60 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

- Tmprss9F 5' GAAACGGATCCCATGTAG 3'
- Tmprss9R2 5' GGATGAGTGGGTGGATAAAAAG 3'
- Tmprss9KOR 5' CATGCCAGCCTGGAATGTG 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 397 bp
KO allele (o) : 230 bp

Validation date : 02/12/2025

Update :