

STRAIN NAME :

Comt 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	7,00	µl
2X Kapa Buffer	10,00	µl
ComtWTF	0,50	µl
ComtWTR	0,50	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

- ComtWTF 5' GGAAATGAGGGCTACTCCAA 3'
- ComtWTR 5' CCAGGAAGGCAGTGTTCATT 3'

EXPECTED AMPLIFICATIONS

WT allele : 240 bp
tm1c allele: 440 bp

Perfection date : 30/08/2023

Update :