



STRAIN NAME :

METTL16

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
METTL16F	0,60 µl
METTL16R	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 3% agarose gel. Run the migration long enough to separate the close different amplifications.

PRIMERS SEQUENCES

- METTL16F 5' ATTCCACAGTCCCCTTGAG 3'
- METTL16R 5' CAATGCCCAACCAACACAGA 3'

EXPECTED AMPLIFICATIONS

Wild-type allele: 344 bp
KI allele: 362 bp
Deleted allele: 337 bp

Perfection date : 04/03/2019

Update :