

STRAIN NAME :

**C16orf54**

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
C16orf54F	0,60 µl
C16orf54R	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

- C16orf54F 5' TCTGGTTGCTGTCCTTTCCT 3'
- C16orf54R 5' GAGCCGTACCAATCCTCAGA 3'

EXPECTED AMPLIFICATIONS

WT allele : 368 bp  
 KO allele: 171 bp

*Perfection date : 31/01/2019*

*Update :*