



STRAIN NAME :

**3RR26R**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Sigma)
- Primers 30 $\mu$ M (Eurofins)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	6,80 $\mu$ l
2X Kapa Buffer	10,00 $\mu$ l
3RRF	0,60 $\mu$ l
3RRR	0,60 $\mu$ l
DNA	2,00 $\mu$ l
Final Quantity	20,00 $\mu$ l

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	55°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- 3RRF      5' GCAGTATGTTTCATTGGAAGAC 3'  
- 3RRR      5' TGTTAGTAGATCTGCATACATG 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 171 bp  
Floxed allele (f) : 200 bp

*Perfection date : 04/04/2014*

*Update :*