



STRAIN NAME : **STOCK Rffl<tm1Cota>/Orl (EM:05207)**

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
Rfflt3	0,60 µl
Rfflt2	0,30 µl
Rfflt1	0,30 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

- Rfflt3 5' AGCGCCAACCCTTGGAGTTTA 3'
- Rfflt2 5' GCCATAACAGGAAGTGACGC 3'
- Rfflt1 5' GGTGTTACACAGTGCGCAGCT 3'

EXPECTED AMPLIFICATIONS

WT allele : 240 bp  
Modified allele: 320 bp

*Perfection date* : 27/03/2012

*Update* :