

STRAIN NAME : **P2Y14 flox**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurofins)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well	
Water	7,00	µl
2X Kapa Buffer	10,00	µl
P2Y14 R	0,60	µl
FSupNéo0	0,60	µl
DNA	2,00	µl
Final Quantity	20,00	µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	35 cycles
15 sec	60°C	
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- | | |
|------------|---------------------------------------|
| - P2Y14 R | 5' CTGAGTCACCAAGACCTTCTGTCAGATCTG 3' |
| - FSupNéo0 | 5' CACAATGGGTCAGTACAGTAAGCTTAGTCAC 3' |

EXPECTED AMPLIFICATIONS

WT allele : 169 bp
Modified allele: 319 bp

Perfection date : 12/12/2011

Update :