

	TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES PHENOMIN	BM-DRF-002
	FICHE PROTOCOLE GENOTYPAGE	22/10/2013 Page : 1/1

STRAIN NAME : **rtTA 1237**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- 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
rtTA1237 a	0,30 µl
rtTA1237 b	0,60 µl
rtTA1237 c	0,30 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

- rtTA1237 a 5' TGCCTTTCTCTCCACAGGTGTCC 3'
- rtTA1237 b 5' GCGGACCCACTTTTACATTTAAG 3'
- rtTA1237 c 5' CGCTGTGGGGCATTCTTTAG 3'

EXPECTED AMPLIFICATIONS

Transgenic allele : 700 + 200 bp

Perfection date : 14/12/2009

Update :