



STRAIN NAME :

Tet-OPN

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	7,40 $\mu$ l
2X Kapa Buffer	10,00 $\mu$ l
OPNF	0,30 $\mu$ l
OPNR	0,30 $\mu$ l
DNA	2,00 $\mu$ l
Final Quantity	20,00 $\mu$ l

PCR PROGRAM:

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

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- OPNF 5' TCACTCCAATCGTCCCTACA 3'
- OPNR 5' GTGGTTTGTCCAAACTCATC 3'

EXPECTED AMPLIFICATIONS

Transgene : 589 bp

*Perfection date : 30/06/2010*

*Update :*