



STRAIN NAME :

PCAF

REAGENTS AND SOLUTIONS:

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

REACTION MIX :

MIX	Quantity / well
Water	6,40 $\mu$ l
2X Kapa Buffer	10,00 $\mu$ l
PCAF WT1	0,50 $\mu$ l
PCAF WT2	0,80 $\mu$ l
PCAF KO1	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

- PCAF WT1 5' TTCTAGATCTGCCGGTGTCC 3'
- PCAF WT2 5' CTGCCAGACCCTGTTTACAC 3'
- PCAF KO1 5' TCGCCTTCTTGACGAGTTCT 3'

EXPECTED AMPLIFICATIONS

WT allele : 500 bp  
Modified allele: 600 bp

*Perfection date : 02/03/2012*

*Update :*