

STRAIN NAME :

DNA pol eta

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
ETA F	0,60 µl
ETA R	0,30 µl
ETA KO	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

- | | |
|----------|----------------------------|
| - ETA F | 5' TCAGATATATGGCAGGGCAG 3' |
| - ETA R | 5' GCATTGTACACCTGTGGTCC 3' |
| - ETA KO | 5' GTCTCCCCAGATGTATCTCC 3' |

EXPECTED AMPLIFICATIONS

WT allele (+) : 250 bp
 KO allele (o): 550 bp

Perfection date : 13/04/2011

Update :