

STRAIN NAME :

DNA pol iota

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	6,40	µl
2X Kapa Buffer	10,00	µl
iota F	0,80	µl
iota R	0,40	µl
iota KO	0,40	µl
DNA	2,00	µl
Final Quantity	20,00	µl

PCR PROGRAM:

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

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- | | |
|--------------|----------------------------|
| - iota F | 5' ACAGGGAACAGTTGCCTTCC 3' |
| - iota R | 5' TGTTTCGCTTCAGTGCGCAG 3' |
| - iota KO KO | 5' AGGGTTTTCCCAGTCACGAC 3' |

EXPECTED AMPLIFICATIONS

WT allele (+) : 800 bp
KO allele (o): 1100 bp

Perfection date : 13/04/2011

Update :