



STRAIN NAME :

Carabin KO

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- 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
CarabF1	0,30 µl
CarabF2	0,30 µl
CarabR	0,60 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

- CarabF1 5' GCAGCACAGCAGCTACAGGTCCC 3'
- CarabF2 5' GCGCCACCATTGCCAGCTCTA 3'
- CarabR 5' CCCTCTGCAGACCTCATCCGCC 3'

EXPECTED AMPLIFICATIONS

WT allele : 200 bp  
KO allele: 420 bp  
Floxed allele: 320 bp

*Perfection date : 24/05/2013*

*Update :*