

STRAIN NAME : **NGF2 Flox**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well	
Water	7,40	µl
2X Kapa Buffer	10,00	µl
NGF2 For	0,30	µl
NGF2 Rev	0,30	µl
DNA	2,00	µl
Final Quantity	20,00	µl

PCR PROGRAM:

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

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- NGF2 For 5' TTTGCTGGACCTTCTTACTCGGTGG 3'
- NGF2 Rev 5' CACTCGGGGCAGATACTTCTTGGATAAG 3'

EXPECTED AMPLIFICATIONS

WT allele : 170 bp
Modified allele: 318 bp

Perfection date : 13/01/2010

Update :