



STRAIN NAME :

Floxed Myh9

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Sigma)
- Primers 30 μ M (Eurogins)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	7,40 μ l
2X Kapa Buffer	10,00 μ l
Fsupneo2	0,30 μ l
Rsupneo3	0,30 μ l
DNA	2,00 μ l
Final Quantity	20,00 μ 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

- Fsupneo2 5' AAGACATGTCATTAGTGTCTGAGAGCAGTG 3'
- Rsupneo3 5' TATGGCAGATTCAGGCATGGAGTTTGTGATG 3'

EXPECTED AMPLIFICATIONS

WT allele : 365 bp
Modified allele: 498 bp

Perfection date : 25/02/2009

Update :