



STRAIN NAME :

Fli1 Flox

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 |
| FliF | 0,60 µl |
| FliR | 0,60 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

- FliF 5' ACTCACAGAGATCCACTTGC 3'
- FliR 5' CCGGCTCAGCTTGTCATAAT3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 364 bp
KO allele (o) : 428 bp

Validation date : 02/07/2013

Update :