



STRAIN NAME : SM22 cre

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 | 7,40 µl |
| 2X Kapa Buffer | 10,00 µl |
| SM22 | 0,30 µl |
| MDES cre | 0,30 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

- SM22 5' GAGGGGTGACATCACTGCCTAG 3'
- MDES cre 5' GACAAAACCAACGACAGAGC 3'

EXPECTED AMPLIFICATIONS

Trangene: 300 bp

Perfection date : 17/01/2008

Update :