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|  | TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES PHENOMIN | BM-DRF-002 |
| | FICHE PROTOCOLE GENOTYPAGE | 22/10/2013 Page : 1/1 |

STRAIN NAME :

Ptprc Em2

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 |
| PtprcF | 0,60 µl |
| PtprcR | 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 | 50°C | |
| 30 sec | 72°C | |
| 5 min | 72°C | |

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- PtprcF 5' AGCAGTGCATGTAGCTAGC 3'
- PtprcR 5' TTCTCTGAACAACGGCAA 3'

EXPECTED AMPLIFICATIONS

WT allele : 433 bp
Deleted allele : 381 bp

Perfection date : 19/06/2018

Update :