

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

STRAIN NAME :

Eml1 KO

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	6,00	µl
2X Kapa Buffer	10,00	µl
Eml1KOF	1,00	µl
Eml1KOR	1,00	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

- Eml1KOF 5' GAAAACGTGCTTTGCTGTGTACATAGG 3'
- Eml1KOR 5' CACCCACTGAAGAAATGACTGGCAG 3'

EXPECTED AMPLIFICATIONS

WT allele : 1020 bp
KO allele: 230 bp

Perfection date : 22/10/2020

Update :