

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* :