

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

STRAIN NAME : **CX3CR1 cre ER**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	7,00 µl
2X Kapa Buffer	10,00 µl
CX3F	0,30 µl
CX3R	0,30 µl
CX3creER1	0,20 µl
CX3creER2	0,20 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

- CX3F 5' CTTCTTGCGATTCTTGCAGG 3'
- CX3R 5' CACTACCTCATCAGCCATGA 3'
- CX3creER1 5' CACGGGGGAGGCAGAGGGTTT 3'
- CX3creER2 5' GCGGAGCACGGGCCACATTC 3'

EXPECTED AMPLIFICATIONS

WT allele : 410 bp
Modified allele: 600 bp

Perfection date : 06/03/2013

Update :