

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

STRAIN NAME :

Nos2 Tomato cre

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	6,00 µl
2X Kapa Buffer	10,00 µl
cre for	0,40 µl
cre rev	0,40 µl
D9Mit10 F	0,60 µl
D9Mit10 R	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	60°C	
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- cre for 5' CCTGGAAAATGCTTCTGTCCG 3'
- cre rev 5' CAGGGTGTTATAAGCAATCCC 3'
- D9Mit10 F 5' TAACCAACCCTTCAAGGCAC 3'
- D9Mit10 R 5' AATCCTTGGCTGAAGGGAAT 3'

EXPECTED AMPLIFICATIONS

Transgene : 400 bp
Internal control : 150 bp

Perfection date : 09/09/2015

Update :