

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

STRAIN NAME :

Napi2b Flox

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
Napi2bF	0,60 µl
Napi2bR	0,60 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

- Napi2bF 5' CCTTCTCCGCGTCTAAGG 3'
- Napi2bR 5' GCCTTGACACACTGTTG 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 550 bp
Floxed allele (f) : 600 bp

Perfection date : 02/02/2024

Update :

STRAIN NAME :

Villin cre

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
VillinF	0,60 µl
VillinR	0,60 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

- VillinF 5'ATAGGAAGCCAGTTTCCCTTC 3'
- VillinR 5' CTCATCACTCGTTGCATCGACCGGTAATGC 3'

EXPECTED AMPLIFICATIONS

Tg allele (Tg) : 200 bp

Perfection date : 02/10/2018

Update :