

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

STRAIN NAME : **HNF1b**

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	6,80 µl
2X Kapa Buffer	10,00 µl
HNF1b1Co	0,60 µl
HNF1b1mut	0,30 µl
HNF1b1WT	0,30 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

- HNF1b1Co 5' TGCATCTTGCCGAAAGCTGAG 3'
- HNF1b1mut 5' CTCTTCGCTATTACGCCAGCTG 3'
- HNF1b1WT 5' AGGAGTGTCATAGTCGTCGC 3'

EXPECTED AMPLIFICATIONS

WT allele : 518 bp
Modified allele: 410 bp

Perfection date : 28/03/2014

Update :