

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

STRAIN NAME : del Ndn-Magel2

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	6,40	µl
2X Kapa Buffer	10,00	µl
NdnF	0,40	µl
Magel2WTF	0,40	µl
Magel2KOR	0,80	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

- | | |
|-------------|----------------------------|
| - NdnF | 5' GGTTCTCATGCTTGAAGTGC 3' |
| - Magel2WTF | 5' GATCACGTATGGCTCCATCA 3' |
| - Magel2KOR | 5' TCTTCTTCCTGGTGGCTTTG 3' |

EXPECTED AMPLIFICATIONS

WT allele : 524 bp
 KO allele : 400 bp

Perfection date : 31/03/2026

Update :