

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

STRAIN NAME :

**IGF1R**

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
IGF1	0,60	µl
IGF2	0,30	µl
IGF5	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

- IGF1      5' CCATGGGTGTTAAATGTTAATGGC 3'
- IGF2      5' ATGAATGCTGGTGAGGGTTGTCTT 3'
- IGF5      5' ATCTTGAGTGGTGGGTCTGT TTC 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 256 bp  
KO allele (o) : 204 bp  
Floxed allele (f) : 312 bp

*Perfection date : 26/02/2013*

*Update :*