

	<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 : **KRT14-HPV16**

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	7,00	µl
2X Kapa Buffer	10,00	µl
HPV16F	0,50	µl
HPV16R	0,50	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

- HPV16F     5' ACCCAGAAAGTTACCACAGTTATGC 3'
- HPV16R     5' TGCTTGCAGTACACACATTCTAAT 3'

EXPECTED AMPLIFICATIONS

Transgenic allele : 80 bp

*Perfection date : 23/04/2024*

*Update :*