

	<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 :

**HSD17B4 KO**

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
HSD17B4WTF	0,20	µl
HSD17B4WTR	0,20	µl
neo740	0,60	µl
neo741	0,60	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

- |              |                               |
|--------------|-------------------------------|
| - HSD17B4WTF | 5' ACGCAGGCGCACTTGAACCACCG 3' |
| - HSD17B4WTR | 5' GTGACCAAGACCACACGCCCG 3'   |
| - neo740     | 5' TGCTCCTGCCGAGAAAGTAT 3'    |
| - neo741     | 5' AATATCACGGGTAGCCAACG 3'    |

EXPECTED AMPLIFICATIONS

WT allele : 190 bp  
Modified allele: 364 bp

*Perfection date : 10/12/2021*

*Update :*