

	<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 :

**SIRT1 Flox Auw**

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
Sirt1FloxAuwF	0,60	µl
Sirt1FloxAuwR	0,60	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

- Sirt1FloxAuwF      5' GTTACCTATTGAACGCCCTACGAGAG 3'
- Sirt1FloxAuwR    5' GCCAACAAAGTTTAGATGTATCTAAGG 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 475 bp  
Floxed allele (f): 585 bp

*Perfection date : 05/09/2022*

*Update :*