



STRAIN NAME :

Bach2 tm1c

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
Bach2 F	0,40 µl
Bach2 R	0,40 µl
SANGtm1cF	0,40 µl
SANGtm1cR	0,40 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

- Bach2 F 5' CTCACCCTACTCTCTTTGAACCAAC 3'
- Bach2 R 5' ATATCCTGGCAAAAATGCGG 3'
- SANGtm1cF 5' AAGGCGCATAACGATACCAC 3'
- SANGtm1cR 5' CCGCCTACTGCGACTATAGAGA 3'

EXPECTED AMPLIFICATIONS

WT allele : 555 bp  
tm1c allele: 218 bp

*Perfection date : 16/11/2022*

*Update :*



**TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES  
PHENOMIN**

**BM-DRF-002**

**22/10/2013**

**FICHE PROTOCOLE GENOTYPAGE**

**Page : 2/2**