

	TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES PHENOMIN	BM-DRF-002 22/10/2013
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STRAIN NAME : Ptk2b flox (Pyk2 Flox)

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
Pyk2F	0,50 µl
Pyk2R	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

- Pyk2F 5' GAGAGTGCTGGGTACTCCAGACTCAGATAG 3'
- Pyk2R 5' TTCAGGAACACCAGAGAACTAGGGTGG 3'

EXPECTED AMPLIFICATIONS

WT allele : 300 bp
Floxed allele: 392 bp

Perfection date : 01/12/2015

Update :