



STRAIN NAME :

Phox2b27 Alacki

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
Phox27F	0,50 µl
Phox27R	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

- Phox27F 5' GCCCACAGTGCCTCTTAACT 3'
- Phox27R 5' CTCTTAAACGGGCGTCTCAC 3'

EXPECTED AMPLIFICATIONS

Wild-type allele : 330 bp
KO allele : 380 bp
Floxed allele : 474 bp

Perfection date : 02/07/2014

Update :