

STRAIN NAME :

Syncytin B 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	5,60 µl
2X Kapa Buffer	10,00 µl
SynbF	1,20 µl
SynbR	0,50 µl
SynbKOR	0,70 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

- SynbF 5' CTGGTTCGTCACCACCTTCTC 3'
- SynbR 5' TGGTAAGATGTGAAGCAGTCCGTGC 3'
- SynbKOR 5' GCAGGGCACTGAAAACATTC 3'

EXPECTED AMPLIFICATIONS

WT allele : 72 bp
Modified allele: 228 bp

Perfection date : 17/10/2017

Update :