



STRAIN NAME :

AlbCreERT2 Slc2a9 flox (EM :12351)

Cre :

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinis sciences)
- Primers 30µM (Eurogentec)
- 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
cre for	0,70 µl
cre rev	0,70 µl
Fabpi2000 F	0,15 µl
Fabpi R	0,15 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

- cre for 5' CCTGGAAATGCTTCTGTCCG 3'
- cre rev 5' CAGGGTGTATAAGCAATCCC 3'
- Fabpi200F 5' TGGACAGGACTGGACCTCTGCTTTCCTAGA 3'
- FabpiR 5' TAGAGCTTTGCCACATCACAGGTCATTCAG 3'

EXPECTED AMPLIFICATIONS

Transgene : 400 bp
Internal control : 200 bp

Slc2a9 Flox



REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- 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
Slc2a9F	0,60 µl
Slc2a9R	0,60 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	35 cycles
15 sec	60°C	
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- Slc2a9F 5' CTGTCCAGATGTTGTCTAGG 3'
- Slc2a9R 5' GTTATGATGCAGGAGCTTAGC 3'

EXPECTED AMPLIFICATIONS

WT allele : 341 bp
Floxed allele : 460 bp