



STRAIN NAME : ST18 creERT2

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	6,60 µl
2X Kapa Buffer	10,00 µl
ST18F	0,70 µl
ST18R	0,40 µl
ST18creR	0,30 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 2.5% agarose gel.

PRIMERS SEQUENCES

- ST18F 5' AGCAAACACTTGTGGATAAGG 3'
- ST18R 5' GACTACATTTGTAGATGCACAG 3'
- ST18creR 5' CACCATTGCCCTGTTTCACTAT 3'

EXPECTED AMPLIFICATIONS

Wild-type allele: 1000 bp
Transgenic allele: 1200 bp

Perfection date : 06/02/2019

Update :