

STRAIN NAME :

IL7R 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	6,20 µl
2X Kapa Buffer	10,00 µl
IL7RWTF	0,50 µl
IL7RR	0,90 µl
Neo2	0,40 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

- IL7RWTF 5' CAGGTATGATTC AAGAATGCAATACA 3'
- IL7RR 5' CTTTTACGAGTGAAATGCCTAACTC 3'
- Neo2 5' AAGGTGAGATGACAGGAGATC 3'

EXPECTED AMPLIFICATIONS

WT allele : 850 bp
Modified allele: 580 bp

Perfection date : 26/04/2021

Update :