

STRAIN NAME : **IL10**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- 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
IL10F	0,60 µl
IL10R	0,30 µl
IL10KOR	0,30 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

- IL10F      5' CTTGCACTACCAAGCCACA 3'
- IL10R      5' GTTATTGTCTTCCCGGCTGT 3'
- IL10KOR    5' CCACACGCGTCACCTTAATA 3'

EXPECTED AMPLIFICATIONS

WT allele : 137 bp  
Modified allele: 312 bp

*Perfection date : 25/09/2018*

*Update :*