



STRAIN NAME :

TRP53-S180A

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Sigma)
- Primers 30 μ M (Eurofins)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	6,80 μ l
2X Kapa Buffer	10,00 μ l
TRP53F	0,60 μ l
TRP53R	0,60 μ l
DNA	2,00 μ l
Final Quantity	20,00 μ l

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

- TRP53F 5' CCCTGAGAAGAGCAAGGC 3'
- TRP53R 5' AACAGATCAGGAGGGTCAC 3'

EXPECTED AMPLIFICATIONS

WT allele : 139 bp
mutant allele: 175 bp

Perfection date : 24/06/2021

Update :