

STRAIN NAME : **GNAL(135)**

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	6,80	µl
2X Kapa Buffer	10,00	µl
Gnal135F	0,60	µl
Gnal135R	0,60	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

- Gnal135F 5' TTCAGTATCAGACAGCGGAGAAGC 3'
- Gnal135R 5' GTAGGGGCTCTCGCAGTAGTTCGT 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 398 bp
 Mutant allele (m): 263 bp

Perfection date : 22/11/2022

Update :