

STRAIN NAME :

**ROSA-ACTB-Gluc**

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
R26R	0,60	µl
R26F	0,30	µl
R26-CAGG	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

- R26R                    5' AAAGTCGCTCTGAGTTGTTAT 3'
- R26F                    5' CCTTTAAGCCTGCCAGAAG 3'
- R26-CAGG            5' GCGGA ACTCCATATATGGGCTATGA 3'

EXPECTED AMPLIFICATIONS

KI allele : 290 bp  
WT allele: 238 bp

*Perfection date : 29/04/2022*

*Update :*