

STRAIN NAME :

**DAGLA**

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	6,40 µl
2X Kapa Buffer	10,00 µl
DaglaF	0,80 µl
DaglaWTR	0,30 µl
DaglaKOR	0,50 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 3% agarose gel.

PRIMERS SEQUENCES

- DaglaF      5' TAGCTTAGCCCCCATGTGAC 3'
- DaglaWTR    5' GAGATGGGTTCCACCTCCTT 3'
- DaglaKOR    5' CGCAGCCCAAAGATACAAT 3'

EXPECTED AMPLIFICATIONS

WT allele : 403 bp  
 Floxed allele : 450 bp  
 KO allele : 204 bp

*Perfection date : 04/07/2022*

*Update :*