

STRAIN NAME :

Dlg1 tm1.1 Abrie

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
Dlg1F	0,60 µl
Dlg1R	0,30 µl
Dlg1 KOR	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

- Dlg1F 5' TAGGAGAGCCGAGTTGTG 3'
- Dlg1R 5' GGAAGTTCTCTGCTCCATAG 3'
- Dlg1KOR 5' GTTTGGTTTCCCACCTAC 3'

EXPECTED AMPLIFICATIONS

WT allele : 572 bp
 Floxed allele : 809 bp
 KO allele: 752 bp

Perfection date : 04/12/2019

Update :