

STRAIN NAME :

Slc25a32

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
Slc25a32F	0,60	μl
Slc25a32R	0,60	μl
DNA	2,00	μl
Final Quantity	20,00	μl

PCR PROGRAM:

3 min	95°C	35 cycles
15 sec	94°C	
15 sec	60°C	
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- | | |
|-------------|-------------------------------|
| - Slc25a32F | 5' ACCCCAGTTCTTGATCACGT 3' |
| - Slc25a32R | 5' GTCTCACAAACAAAGCAAAAGCA 3' |

EXPECTED AMPLIFICATIONS

WT allele : 390 bp
Deleted allele : 360 bp

Perfection date : 14/06/2019

Update :