

STRAIN NAME :

Tmem176ab DKO

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
Tmem176AF	0,30 µl
Tmem176AR	0,60 µl
Tmem176BF	0,30 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

- Tmem176AF 5' CAGCATCAGGCTTCCCTGAC 3'
- Tmem176AR 5' GCCCACTCACCACGATCCC 3'
- Tmem176BF 5' TGAAACTCTTCTCCTGTCACCCA 3'

EXPECTED AMPLIFICATIONS

WT allele : 667 bp
 Modified allele: 572 bp

Perfection date : 13/06/2022

Update :