

STRAIN NAME : **Tox3 KI**

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
Tox3F	0,30 µl
Tox3R2	0,30 µl
Tox3KIF	0,30 µl
Tox3KOR	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 2% agarose gel.

PRIMERS SEQUENCES

- Tox3F            5' TATTTGCACTTCCAGAGGCTCAT 3'
- Tox3R2        5' GTCAGAGTTAACTGGACAGCA 3'
- Tox3KIF       5' ATTACCAGTTGGTCTGGTGTCAA 3'
- Tox3KOR      5' CAGTTTCAAACCGAGGACATCAA 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 411 bp  
 KO allele (o): 438 bp

*Perfection date* : 25/09/2014

*Update* :