STRAIN NAME : Delta2-3'RR

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
Delta2F	0,30	µl
Delta2R	0,30	µl
Neo740	0,30	µl
Neo741	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 2% agarose gel.

PRIMERS SEQUENCES

- Delta2F 5' ACCACTGCTGGAATCTGACC 3'
- Delta2R 5' CAGGCCAAGACTTTTCCAGT 3'
- Neo740 5' TGCTCCTGCCGAGAAAGTAT 3'
- Neo741 5' AATATCACGGGTAGCCAACG 3'

EXPECTED AMPLIFICATIONS

WT allele (+) : 200 bp
KO allele (o): 364 bp

Perfection date : 04/07/2017
Update :