



STRAIN NAME : **DCT KO**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- 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
DCT KO For	0,60 µl
DCT KO R	0,30 µl
DCT KO cre	0,30 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	55°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- DCT KO For 5' TGCACACGTGTAGGCTCTGT 3'
- DCT KO R 5' CAGCATTCCCTTGTTTCAGCAC 3'
- DCT KO cre 5' TAAGCAATCCCCAGAAATGC 3'

EXPECTED AMPLIFICATIONS

KO allele : 730 bp
WT allele: 343 bp

Perfection date : 28/06/2011

Update :