

STRAIN NAME : **ZAG**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well	
Water	7,00	µl
2X Kapa Buffer	10,00	µl
ZAG for	0,50	µl
ZAG rev	0,50	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

- ZAG for 5' ACTCTGTGCCAGGCTCAGGTG 3'
- ZAG rev 5' ACCACAGGTCAGTCTGATTAC 3'

EXPECTED AMPLIFICATIONS

WT allele : 456 bp
Modified allele: 550 bp

Perfection date : 12/03/2010
Update : 28/08/2015