

STRAIN NAME :

SLAM

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
SLAMF	0,30	µl
SLAMR	0,30	µl
D9Mit10 F	0,30	µl
D9Mit10 R	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

- | | |
|-------------|---------------------------------|
| - SLAMF | 5' ACAGACCCCTCAGAAACAAAACCAT 3' |
| - SLAMR | 5' CGTGCAGCATGTCTGCCAGAGG 3' |
| - D9Mit10 F | 5' TAACCAACCCTTCAAGGCAC 3' |
| - D9Mit10 R | 5' AATCCTTGGCTGAAGGGAAT 3' |

EXPECTED AMPLIFICATIONS

Transgene : 400 bp
Internal control : 150 bp

Perfection date : 21/05/2012

Update :

STRAIN NAME :

IFNAR

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	6,70	µl
2X Kapa Buffer	10,00	µl
IFNAR F	0,15	µl
IFNAR R	0,65	µl
IFNAR neo	0,50	µl
DNA	2,00	µl
Final Quantity	20,00	µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	62°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- | | |
|-------------|--------------------------------------|
| - IFNAR F | 5' AAGATGTGCTGTTCCCTTCCTCTGCTCTGA 3' |
| - IFNAR R | 5' ATTATTAAGAGAGGCGAAGTGG 3' |
| - IFNAR neo | 5' CCTGCGTGAATCCATCTTG 3' |

EXPECTED AMPLIFICATIONS

WT allele : 150 bp
Modified allele: 400 bp

Perfection date : 21/05/2012

Update :