

STRAIN NAME : **Scnn1a**

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	7,00	µl
2X Kapa Buffer	10,00	µl
Scnn1aS2	0,50	µl
Scnn1aAS	0,50	µl
DNA	2,00	µl
Final Quantity	20,00	µl

PCR PROGRAM:

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

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- Scnn1aS2 5' GTCAGTGTGTGCACCCTTAA 3'
- Scnn1aAS 5' GCACAAAGATCTTATCCACC 3'

EXPECTED AMPLIFICATIONS

WT allele : 220 bp
 Floxed allele: 280 bp

Perfection date : 09/03/2010
Update :