

	TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES PHENOMIN	BM-DRF-002 22/10/2013
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STRAIN NAME :

Snta1 tm1 Pg

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
Snta1F	0,30	µl
Snta1R	0,60	µl
Snta1KOF	0,30	µl
DNA	2,00	µl
Final Quantity	20,00	µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	35 cycles
15 sec	60°C	
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- Snta1F 5' GTTCAGGTGACTCAGAAG 3'
- Snta1R 5' ATCTCTGGCACCCACATTG 3'
- Snta1KOF 5' AGCCTGTCCTCCGAAGCTC 3'

EXPECTED AMPLIFICATIONS

WT allele : 274 bp
Floxed allele : 443 bp
KO allele : 317 bp

Perfection date : 28/10/2019

Update :