

	<b>TRANSGENESE ET ARCHIVAGE D'ANIMAUX MODELES PHENOMIN</b>	<b>BM-DRF-002</b>  <b>22/10/2013</b>
	<b>FICHE PROTOCOLE GENOTYPAGE</b>	<b>Page : 1/1</b>

STRAIN NAME : **Zscan29**

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
Zscan29F	0,60 µl
Zscan29R	0,60 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

- Zscan29F 5' CGACTGATCTTAAACTGCCCT 3'
- Zscan29R 5' TCTGCTGTGAAAGATGGCCA 3'

EXPECTED AMPLIFICATIONS

WT allele : 406 bp  
 KO allele: 179 bp

*Perfection date* : 26/08/2019

*Update* :