

STRAIN NAME :

Tg(IRX1-CreERT2-Venus)

This PCR reaction is not specific to this line (generic reaction for cre transgenes)

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	6,20	µl
2X Kapa Buffer	10,00	µl
cresetF	0,70	µl
cresetR	0,70	µl
CIF	0,20	µl
CIR	0,20	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

- | | |
|-----------|---------------------------------|
| - cresetF | 5' TCGATGCAACGAGTGATGAG 3' |
| - cresetR | 5' TTCGGCTATACGTAACAGGG 3' |
| - CIF | 5' CTAGGCCACAGAATTGAAAGATCT 3' |
| - CIR | 5' GTAGGTGGAAATTCTAGCATCATCC 3' |

EXPECTED AMPLIFICATIONS

Transgene : 482 bp
Internal control : 324 bp

Perfection date : 24/09/2018

Update :