

GENOTYPING OF TRE-RFP mice BY PCR

DNA	0.5 µl
dNTPs (10mM)	0.5µl
mRFP1 F primer (10pM)	0.5µl
mRFP1 R primer (10pM)	0.5µl
10x BUFFER (NEB Thermopol)	2 µl
Taq	0.3 µl
H ₂ O	15.7 µl

PROGRAMM	
94°C	4 min
92°C	1 min
65°C	1 min
72°C	1 min
Cycles 2-29 times	
72°C	5 min
16°C	FOREVER

Separated by gel electrophoresis on a 0.8% agarose gel.

Tg positive mice: one band of ~650bp

Tg negative mice: Nothing

RFP Forward	5'-GCCTCCTCCGAGGACGTCATCAAG-3'
RFP Reverse	5'-CGCCGGTGGAGTGGCGGCC-3'