

**PCR-Program**

95°C 5'  
 94°C 30"  
 60°C 1'  
 72°C 1 min 35 cycles  
 74°C 10'  
 4°C pause

**Screening of FOXP3 from gDNA by PCR (Wang et. Al., 2008, JI)**

Screening of mice for the presence of the *IRESEGFP* insertion was performed by PCR using the following oligonucleotides:

FoxP3-001: 5-GCC AAT CCC AGC CTA GCC CCT AGT-3

FoxP3-002: 5-CAG CTG ACC ACA GTT TAT TGG ATG-3

EGFP: 5-CAA GTC CGC CAT GCC CGA AGG CTA CG-3

**Fragment for *Foxp3* gene (FoxP3-001 and FoxP3-002): 650-bp**

**Fragment for the *Foxp3EGFP* allele (FoxP3-002 and EGFP): 1000-bp**

Template DNA	1 µl
5X PCR buffer (GoTaq)	5 µl
25 mM MgCl	2.7 µl
10 mM dNTP mixture	0.5 µl
Primer 001(10µM)	0.25 µl
Primer 002 common (10µM)	0.25 µl
Primer GFP (10µM)	0.25 µl
Taq DNA Polymerase (GoTaq)	0.125 µl
H2O	14.925 µl
	<hr/>
	25 ul

Our modification

95°C 5'  
 94°C 30"  
 60°C 1'  
 72°C 1'30" 35 cycles  
 74°C 10'  
 4°C pause