

**STRAIN NAME:**

**FOXP3 EGFP**

**REAGENTS AND SOLUTIONS:**

- Taq polymerase 10X Buffer (1,5 mM MgCl<sub>2</sub>) (MP QBiogene)
- dNTP (MPQ Biogene)
- Primers (Invitrogen)
- Taq polymerase (MPQBiogene)
- Mineral oil (EUROBIO)

**REACTION MIX:**

- Taq Buffer 1X
- dNTP (0,4 mM total)
- primer FoxP3a (0,24µM)
- primer FoxP3b (0,84µM)
- primer EGFP3 (0,60µM)
- Taq polymerase (40U/ml)
- DNA

**PROGRAM:**

5 min	94°C	
30 sec	94°C	
30 sec	55 °C	35 cycles
1 min	72°C	
5 min	72°C	

**MIGRATION :**

Migration of the samples on a 1.5% agarose gel.

**PRIMERS SEQUENCES**

- Primer Fox P3 a5' GCCAATCCCAGCCTAGCCCCTAGT 3'
- Primer Fox P3 b5' CAGCTGACCACAGTTTATTGGATG 3'
- Primer EGFP3 5' CAAGTCCGCCATGCCCCGAAGGCTACG 3'

**AMPLIFICATION**

Mutant allele : 1000 bp  
WT allele : 650 bp