

STRAIN NAME: **IGF1R**

REAGENTS AND SOLUTIONS:

- Taq polymerase 10X Buffer (1,5 mM MgCl₂) (MP QBiogene)
- dNTP (MPQ Biogene)
- Primers (Invitrogen)
- Taq polymerase (MPQBiogene)
- Mineral oil (EUROBIO)

REACTION MIX:

- Taq Buffer 1X
- dNTP (0,4 mM total)
- primer IGF1 (0,36 μM)
- primer IGF2 (0,36 μM)
- Taq polymerase (40U/ml)
- DNA

PROGRAM:

5 min	94°C	
30 sec	94°C	
30 sec	57 °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 IGF1 5' CCATGGGTGTTAAATGTTAATGGC 3'
- Primer IGF2 5' ATGAATGCTGGTGAGGGTTGTCTT 3'

AMPLIFICATION

Mutant allele : 202 bp
WT allele : 871 bp