

**STRAIN NAME:**

LEXKO 443

**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 LEXKO 443-5' (0,24 µM)
- primer LEXKO 443-3' (0,48 µM)
- primer LTR2 (0,24 µM)
- Taq polymerase (40U/ml)
- DNA

**PROGRAM:**

5 min	94°C	
30 sec	94°C	
30 sec	60°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 LEXKO 443-5'                    5' TTAGGAGCTCGAATCAAGTTTGGC 3'
- Primer LEXKO 443-3'                5' AGCCTGTCACTGTTCCCGATGG 3'
- Primer LTR2                            5' AAATGGCGTTACTTAAGCTAGCTTGC 3'

**AMPLIFICATION**

Mutant allele : 258 bp  
WT allele : 242 bp