

PCR TRAIL R KI

1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl₂)
 0,25 µl dNTP (20 mM total)
 0,15 µl primer TRAIL KI for (200 ng/µl)
 0,15 µl primer TRAIL KI Rev (200 ng/µl)
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)
 19,25 µl distilled water

2- PCR reaction :

23,0 µl mix
 2,0 µl DNA (200ng/µl)

3- PCR program :

5 min	94°C	35 cycles
1 min	94°C	
1 min	58°C	
2 min	72°C	
5 min	72°C	

4- Primers:

- Primer TRAIL KI For 5' GGGCTTCTCCATCTGACTT 3'
 - Primer TRAIL KI Rev 5' CACGGCTTCCAAGGCATCCA 3'

5- Amplifications:

wild-type allele: 302 bp
 mutant allele: 292 bp

Samples must be loaded on 3 or 4% agarose gel to see the difference between the two bands.