

PCR TP53 INP1 KO

1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl₂)
 0,25 µl dNTP (20 mM total)
 0,40 µl primer TP53 INP For (200 ng/µl)
 0,20 µl primer TP53 INP Rev1 (200 ng/µl)
 0,20 µl primer TP53 INP Rev2 (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	
1 min	94°C	
1 min	60°C	35 cycles
2 min	72°C	
5 min	72°C	

4- Primers:

- Primer TP53 INP For 5' AATGTATGCAATCTTAGCTGATGC 3'
 - Primer TP53 INP Rev1 5' TCTTGAGGTAACATAGTGAAATGC 3'
 - Primer TP53 INP Rev2 5' CCAAACACTGTCACTGTATTGATA 3'

5- Amplifications:

wild-type allele: 500 bp
 mutant allele: 700 bp