

PCR Npdc1

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 Npdc1 for (30µM)
 0,30 µl primer Npdc1 rev (30 µM)
 0,15 µl primer Npdc1 plasm (30 µM)
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)
 20,45 µl distilled water

2- PCR reactions :

24,0 µl mix
 1,0 µl DNA (200ng/µl)

3- PCR program :

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

4- Primers:

-Primer Npdc1 for 5' TGTGTGGCATGTGTTTCCTT 3'
 -Primer Npdc1 rev 5' GGCTCAGCCTAGTCCAACAC 3'
 -Primer Npdc1 plasm 5' AGCCCACAAATGTCAACAGC 3'

5-Amplifications:

wildtype allele : 187 bp

mutant allele : 150 bp