

PCR CD3 DZETA-ETA
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## 1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl<sub>2</sub>)  
 0,25 µl dNTP (20 mM total)  
 0,40 µl primer DZ1 (200 ng/µl)  
 0,40 µl primer DZ2 (200 ng/µl)  
 0,30 µl primer Neo 55a (200 ng/µl)  
 0,30 µl primer No 55b (200 ng/µl)  
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)  
 19,65 µl distilled water

## 2- PCR reaction :

24,0 µl mix  
 1,0 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 DZ1                      5' AGG CAC AGA GCT TTG GTC TGC 3'  
 - Primer DZ2                      5' GGG GTC CTA TTC CCC TTC CTC CAG 3'  
 - Primer Neo 55a                5' CCT GCC GAG AAA GTA TCC A 3'  
 - Primer Neo 55b                5' ACC GTA AAG CAC GAG GAA G 3'

## 5- Amplifications:

wild-type allele: 900 bp  
 mutant allele: 411 bp