

## PCR A8 Calpha NOD

### 1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl<sub>2</sub>)  
0,25 µl dNTP (20 mM total)  
0,20 µl primer A8 (30 µM)  
0,20 µl primer S2B4 (30 µM)  
0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)  
19,65 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 A8 5' TGCTGCTCTTATGGAGAGTGG3'
- Primer S2B4 5' GCAGAGGAACCTGGGAGCTGT 3'

### 5- Amplification:

transgene : about 420 bp