

PCR beta actin floxed Ngn3

1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl₂)
 0,25 µl dNTP (20 mM total)
 0,50 µl primer EGFP1 (200 ng/µl)
 0,50 µl primer EGFP2 (200 ng/µl)
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)
 19,05 µl distilled water

2- PCR reaction :

23,0 µl mix
 2,0 µl DNA (200ng/µl)

3- PCR program :

5 min	94°C	
30 sec	94°C	
30 sec	60 °C	35 cycles
1 min	72°C	
5 min	72°C	

4- Primers:

- Primer EGFP1 5' TGAACCGCATCGAGCTGAAGGG 3'
 - Primer EGFP2 5' TCCAGCAGGACCATGTGATCGC 3'

5- Amplification:

transgene : 330 bp