

PCR FOR Tie2-Ikb

PCR REACTION:

10X PCR buffer	2λ
MgCL ₂ 25 mM	Depends on Taq polymerase
dNTP'S 2,5 mM	2λ
Primer A	5 μmol per reaction
Primer B	5 μmol per reaction
DNA	1λ
Taq	Variable
dd.H ₂ O	Up to volume (20λ)

Primer A: 5'- GGG AAGTCGCAAAGTTGTGAGTT- 3'

Primer B: 5'- CAATAACCAGCACGTTGCCC- 3'

PCR CONDITIONS:

1. 94⁰C for 3 min.
2. 92⁰C for 1 min.
3. 62⁰C for 1 min.
4. 72⁰C for 1 min.
5. Steps 2-4 for 10 more cycles.
6. 93⁰C for 30 sec.
7. 60⁰C for 30 sec.
8. 72⁰C for 1 min.
9. Steps 6-8 for 22 more cycles.
10. 72⁰C for 10 min.
11. 20⁰C for 1 min.
12. End.