

PCR FOR AUF1

PCR REACTION:

10X PCR buffer	2 λ
MgCL ₂ 25 mM	Depends on the Taq polymerase 2 λ
dNTP'S 2,5 mM	1 λ
Primer 132	5 pmol per reaction 1 λ
Primer 137	5 pmol per reaction 1 λ
Primer 133	5 pmol per reaction 1 λ
DNA	1 λ
Taq	Variable 0.3 λ
dd.H ₂ O	Up to volume (20 λ)

Primer 132 (AUF1LX1 S): 5'-TGTTTACATGATGACTGTGG-3'

Primer 133 (AUF1LX1 A): 5'-CCCTGTGATAGGATCTAACT-3'

Primer 137 (AUF1FR2LX2 A): 5'-GGCAAGATGCTAGTCTGTCC-3'

PCR CONDITIONS:

1. 94⁰C for 3 min.
2. 93⁰C for 45 sec.
3. 56⁰C for 45 sec
4. 72⁰C for 45 sec.
5. Steps 2-4 for 30 more cycles.
6. 72⁰C for 10 min.
7. End

PCR PRODUCTS:

Fl: 803bp

(+): 764bp

Δ RRM (-): 250 bp