

Name: Rehmat Babar

Date: 10/10/19

Goal:

1. Ethanol precipitate the Dino III RFP gel extractions

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Protocol:

1. Added 1:10 ratio of Sodium Acetate: Gel extraction volume
2. Added chilled ethanol in a ratio of 2 times the volume of the gel extraction
3. Centrifuged at 13,000 rpm for 30 minutes
4. Removed supernatant, being careful not to disturb the clear pellet
5. Resuspended in 200 μL of 70% chilled ethanol
6. Centrifuged for 15 minutes at 13,000 rpm
7. Removed supernatant
8. Air dried under hood overnight
9. Resuspended in 100 μL of EB
10. Measured the concentration

Results:

Sample	[DNA]	260/280
DinIII-RFP	ng/ μL	

Conclusion:

We now have μg of DinIII-RFP ready to transform.