Sample: _____ Sample Concentration: _____

Sample Buffer: _____ Date: _____

Reservoir Volume: _____ Temperature: _____

Drop Volume: Total _____ µl Sample _____ µl Reservoir _____ µl Additive _____ µl

1 Clear Drop
2 Phase Separation
3 Regular Granular Precipitate
4 Birefringent Precipitate or Microcrystals
5 Posettes or Spherulites
6 Needles (1D Growth)
7 Plates (2D Growth)
8 Single Crystals (3D Growth < 0.2 mm)
9 Single Crystals (3D Growth > 0.2 mm)

Nucleic Acid Mini Screen™ - HR2-118 Scoring Sheet	Date:	Date:	Date:
1. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 5.5, 0.020 M Hexamine cobalt(III) chloride, 0.020 M Magnesium chloride hexahydrate			
2. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 5.5, 0.020 M Hexamine cobalt(III) chloride, 0.080 M Sodium chloride, 0.020 M Magnesium chloride hexahydrate			
3. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 5.5, 0.020 M Hexamine cobalt(III) chloride, 0.012 M Sodium chloride, 0.080 M Potassium chloride			
4. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 5.5, 0.020 M Hexamine cobalt(III) chloride, 0.040 M Lithium chloride, 0.020 M Magnesium chloride hexahydrate			
5. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Potassium chloride, 0.020 M Magnesium chloride hexahydrate			
6. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Potassium chloride			
7. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride, 0.020 M Magnesium chloride hexahydrate			
8. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride			
9. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride, 0.012 M Potassium chloride, 0.020 M Magnesium chloride hexahydrate			
10. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.012 M Sodium chloride, 0.080 M Potassium chloride			
11. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride, 0.020 M Barium chloride			
12. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Potassium chloride, 0.020 M Barium chloride			
13. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 6.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Strontium chloride hexahydrate			
14. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Potassium chloride, 0.020 M Magnesium chloride hexahydrate			
15. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Potassium chloride			
16. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride, 0.020 M Magnesium chloride hexahydrate			
17. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride			
18. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride, 0.012 M Potassium chloride, 0.020 M Magnesium chloride hexahydrate			
19. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.012 M Sodium chloride, 0.080 M Potassium chloride			
20. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Sodium chloride, 0.020 M Barium chloride			
21. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Potassium chloride, 0.020 M Barium chloride			
22. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.040 M Lithium chloride, 0.080 M Strontium chloride hexahydrate, 0.020 M Magnesium chloride hexahydrate			
23. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.040 M Lithium chloride, 0.080 M Strontium chloride hexahydrate			
24. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.040 M Sodium cacodylate trihydrate pH 7.0, 0.012 M Spermine tetrahydrochloride, 0.080 M Strontium chloride hexahydrate, 0.020 M Magnesium chloride hexahydrate			

34 Journey
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