

Scoring Sheet — The Nucleix Suite

| | | | |
|-----------|------------|---------------|---------|
| Date: | Protein: | Protein vol. | μ l |
| Operator: | Buffer: | Solution vol. | μ l |
| Plate ID: | Additives: | Additive vol. | μ l |

Date of observation

| Location | Crystallization condition | | | | |
|----------|---------------------------|--|--|--|--|
| A1 | 1,A1 | 0.05 M MES pH 5.6, 0.01 M MgCl ₂ , 2 M Li sulfate | | | |
| A2 | 1,A2 | 0.05 M MES pH 5.6, 0.01 M Mg acetate, 2.5 M Ammonium sulfate | | | |
| A3 | 1,A3 | 0.05 M MES pH 5.6, 0.1 M Mg acetate, 20 % MPD | | | |
| A4 | 1,A4 | 0.05 M MES pH 5.6, 0.2 M KCl, 0.01 M Mg sulfate, 10 % PEG 400 | | | |
| A5 | 1,A5 | 0.05 M MES pH 5.6, 0.2 M KCl, 0.01 M MgCl ₂ , 5 % PEG 8000 | | | |
| A6 | 1,A6 | 0.05 M MES pH 5.6, 0.1 M Ammonium sulfate, 0.01 M MgCl ₂ , 20 % PEG 8000 | | | |
| A7 | 1,B1 | 0.05 M MES pH 6.0, 0.02 M MgCl ₂ , 15 % Isopropanol | | | |
| A8 | 1,B2 | 0.05 M MES pH 6.0, 0.1 M Ammonium acetate, 0.005 M Mg sulfate, 0.6 M NaCl | | | |
| A9 | 1,B3 | 0.05 M MES pH 6.0, 0.1 M KCl, 0.01 M MgCl ₂ , 10 % PEG 400 | | | |
| A10 | 1,B4 | 0.05 M MES pH 6.0, 0.005 M Mg sulfate, 5 % PEG 4000 | | | |
| A11 | 1,B5 | 0.05 M Na cacodylate pH 6.0, 0.01 M MgCl ₂ , 1 M Li sulfate | | | |
| A12 | 1,B6 | 0.05 M Na cacodylate pH 6.0, 0.01 M Mg sulfate, 1.8 M Li sulfate | | | |
| B1 | 1,C1 | 0.05 M Na cacodylate pH 6.0, 0.015 M Mg acetate, 1.7 M Ammonium sulfate | | | |
| B2 | 1,C2 | 0.05 M Na cacodylate pH 6.0, 0.1 M KCl, 0.025 M MgCl ₂ , 15 % Isopropanol | | | |
| B3 | 1,C3 | 0.05 M Na cacodylate pH 6.0, 0.04 M MgCl ₂ , 5 % MPD | | | |
| B4 | 1,C4 | 0.05 M Na cacodylate pH 6.0, 0.04 M Mg acetate, 30 % MPD | | | |
| B5 | 1,C5 | 0.05 M Na cacodylate pH 6.0, 0.2 M KCl, 0.01 M CaCl ₂ , 10 % PEG 4000 | | | |
| B6 | 1,C6 | 0.05 M Na cacodylate pH 6.5, 0.01 M Mg acetate, 1.3 M Li sulfate | | | |
| B7 | 1,D1 | 0.05 M Na cacodylate pH 6.5, 0.01 M Mg sulfate, 2 M Ammonium sulfate | | | |
| B8 | 1,D2 | 0.05 M Na cacodylate pH 6.5, 0.1 M Ammonium acetate, 0.015 M Mg acetate, 10 % Isopropanol | | | |
| B9 | 1,D3 | 0.05 M Na cacodylate pH 6.5, 0.2 M KCl, 0.005 M MgCl ₂ , 10 % 1,6-Hexanediol | | | |
| B10 | 1,D4 | 0.05 M Na cacodylate pH 6.5, 0.08 M Mg acetate, 15 % PEG 400 | | | |
| B11 | 1,D5 | 0.05 M Na cacodylate pH 6.5, 0.2 M KCl, 0.01 M MgCl ₂ , 10 % PEG 4000 | | | |
| B12 | 1,D6 | 0.05 M Na cacodylate pH 6.5, 0.2 M Ammonium acetate, 0.01 M CaCl ₂ , 10 % PEG 4000 | | | |
| C1 | 2,A1 | 0.05 M Na cacodylate pH 6.5, 0.08 M Mg acetate, 30 % PEG 4000 | | | |
| C2 | 2,A2 | 0.05 M Na cacodylate pH 6.5, 0.2 M KCl, 0.1 M Mg acetate, 10 % PEG 8000 | | | |
| C3 | 2,A3 | 0.05 M Na cacodylate pH 6.5, 0.2 M Ammonium acetate, 0.01 M Mg acetate, 30 % PEG 8000 | | | |
| C4 | 2,A4 | 0.05 M HEPES Na salt pH 7.0, 0.05 M Mg sulfate aq., 1.6 M Li sulfate | | | |
| C5 | 2,A5 | 0.05 M HEPES Na salt pH 7.0, 0.01 M MgCl ₂ , 4 M LiCl | | | |
| C6 | 2,A6 | 0.05 M HEPES Na salt pH 7.0, 0.01 M MgCl ₂ , 1.6 M Ammonium sulfate | | | |
| C7 | 2,B1 | 0.05 M HEPES Na salt pH 7.0, 0.005 M MgCl ₂ , 25 % PEG MME 550 | | | |
| C8 | 2,B2 | 0.05 M HEPES Na salt pH 7.0, 0.2 M KCl, 0.01 M MgCl ₂ , 20 % 1,6-Hexanediol | | | |
| C9 | 2,B3 | 0.05 M HEPES Na salt pH 7.0, 0.2 M Ammonium chloride, 0.01 M MgCl ₂ , 30 % 1,6-Hexanediol | | | |
| C10 | 2,B4 | 0.05 M HEPES Na salt pH 7.0, 0.1 M KCl, 0.005 M Mg sulfate aq., 15 % MPD | | | |
| C11 | 2,B5 | 0.05 M HEPES Na salt pH 7.0, 0.1 M KCl, 0.01 M MgCl ₂ , 5 % PEG 400 | | | |
| C12 | 2,B6 | 0.05 M HEPES Na salt pH 7.0, 0.1 M KCl, 0.01 M CaCl ₂ , 10 % PEG 400 | | | |
| D1 | 2,C1 | 0.05 M HEPES Na salt pH 7.0, 0.2 M KCl, 0.025 M Mg sulfate aq., 20 % PEG 200 | | | |
| D2 | 2,C2 | 0.05 M HEPES Na salt pH 7.0, 0.2 M Ammonium acetate, 0.15 M Mg acetate, 5 % PEG 4000 | | | |
| D3 | 2,C3 | 0.05 M HEPES Na salt pH 7.0, 0.1 M Ammonium acetate, 0.02 M MgCl ₂ , 5 % PEG 8000 | | | |
| D4 | 2,C4 | 0.05 M TRIS.HCl pH 7.5, 0.01 M MgCl ₂ , 1.6 M Ammonium sulfate | | | |
| D5 | 2,C5 | 0.05 M TRIS.HCl pH 7.5, 0.1 M KCl, 0.015 M MgCl ₂ , 10 % PEG MME 550 | | | |
| D6 | 2,C6 | 0.05 M TRIS.HCl pH 7.5, 0.01 M Mg acetate, 5 % Isopropanol | | | |
| D7 | 2,D1 | 0.05 M TRIS.HCl pH 7.5, 0.05 M Ammonium acetate, 0.01 M MgCl ₂ , 10 % MPD | | | |
| D8 | 2,D2 | 0.05 M TRIS.HCl pH 7.5, 0.2 M KCl, 0.05 M MgCl ₂ , 10 % PEG 4000 | | | |
| D9 | 2,D3 | 0.05 M TRIS.HCl pH 8.5, 0.025 M Mg sulfate aq., 1.8 M Ammonium sulfate | | | |
| D10 | 2,D4 | 0.05 M TRIS.HCl pH 8.5, 0.005 M Mg sulfate aq., 35 % 1,6-Hexanediol | | | |
| D11 | 2,D5 | 0.05 M TRIS.HCl pH 8.5, 0.1 M KCl, 0.01 M MgCl ₂ , 30 % PEG 400 | | | |
| D12 | 2,D6 | 0.05 M TRIS.HCl pH 8.5, 0.2 M Ammonium chloride, 0.01 M CaCl ₂ , 30 % PEG 4000 | | | |

Date of observation

| Location | Crystallization condition | | | | |
|----------|--|--|--|--|--|
| E1 3,A1 | 0.05 M HEPES pH 7.5, 2.5 mM Spermine, 80 mM MgCl ₂ | | | | |
| E2 3,A2 | 0.05 M Na cacodylate pH 6.0, 2.25 mM Spermine, 18 mM MgCl ₂ , 1 mM Copper sulfate, 9 % Isopropanol | | | | |
| E3 3,A3 | 0.05 M Na cacodylate pH 6.5, 0.9 mM Spermine, 18 mM MgCl ₂ , 1.8 mM CoCl ₂ , 9 % Isopropanol | | | | |
| E4 3,A4 | 0.05 M Na cacodylate pH 6.5, 2.25 mM Spermine, 18 mM MgCl ₂ , 9 % Isopropanol | | | | |
| E5 3,A5 | 0.05 M Na cacodylate pH 7.0, 2.25 mM Spermine, 18 mM MgCl ₂ , 0.9 mM CoCl ₂ , 4.5 % MPD | | | | |
| E6 3,A6 | 0.05 M Na cacodylate pH 6.5, 2.25 mM Spermine, 36 mM MgCl ₂ , 5 % PEG 400 | | | | |
| E7 3,B1 | 0.05 M Na succinate pH 5.5, 2.0 mM CoCl ₂ , 10 mM MgCl ₂ , 10 % Isopropanol | | | | |
| E8 3,B2 | 0.05 M Na cacodylate pH 6.0, 1.0 mM Spermine, 20 mM MgCl ₂ , 15 % Ethanol | | | | |
| E9 3,B3 | 0.05 M Na cacodylate pH 7.0, 1.0 mM Spermine, 20 mM MgCl ₂ , 1.0 mM CoCl ₂ , 15 % Ethanol | | | | |
| E10 3,B4 | 0.05 M Na cacodylate pH 7.0, 1.0 mM Spermidine, 5 mM MgCl ₂ , 10 % tert-Butanol | | | | |
| E11 3,B5 | 0.05 M Na cacodylate pH 7.0, 2.5 mM Spermine, 30 mM MgCl ₂ , 5 % PEG 400 | | | | |
| E12 3,B6 | 0.05 M Na cacodylate pH 6.5, 2.0 mM CoCl ₂ , 100 mM MgCl ₂ , 5 % Isopropanol | | | | |
| F1 3,C1 | 0.05 M TRIS pH 8.0, 1.0 mM CoCl ₂ , 10 mM MgCl ₂ , 20 % Ethanol | | | | |
| F2 3,C2 | 0.05 M HEPES pH 7.5, 1.0 mM Spermine, 20 mM MgCl ₂ , 5 % PEG 8000 | | | | |
| F3 3,C3 | 0.05 M Na cacodylate pH 6.0, 2.5 mM Spermine, 20 mM MgCl ₂ , 5 % PEG 4000 | | | | |
| F4 3,C4 | 0.05 M Na cacodylate pH 6.0, 2.5 mM Spermine, 10 mM MgCl ₂ , 5 mM CaCl ₂ , 10 % Isopropanol | | | | |
| F5 3,C5 | 0.05 M Na cacodylate pH 7.0, 2.25 mM Spermine, 9 mM MgCl ₂ , 1.8 mM CoCl ₂ , 0.9 mM Spermidine, 5% PEG 400 | | | | |
| F6 3,C6 | 0.05 M Na cacodylate pH 6.5, 2.5 mM Spermine, 10 mM MgCl ₂ , 1 mM Copper sulfate, 10 % Isopropanol | | | | |
| F7 3,D1 | 0.05 M Na cacodylate pH 6.0, 1.0 mM Spermine, 20 mM MgCl ₂ , 2 mM CaCl ₂ , 10 % 1,5-Hexandiol | | | | |
| F8 3,D2 | 0.05 M HEPES pH 7.5, 1.0 mM Spermidine, 15 mM MgCl ₂ , 10 % Dioxane | | | | |
| F9 3,D3 | 0.05 M Na cacodylate pH 6.0, 3.0 mM Spermine, 15 mM MgCl ₂ , 10 % PEG 400 | | | | |
| F10 3,D4 | 0.05 M Na cacodylate pH 6.5, 1.8 mM CaCl ₂ , 2.5 mM Spermine, 9 % 2-Propanol | | | | |
| F11 3,D5 | 0.05 M Na cacodylate pH 6.5, 1.0 mM CoCl ₂ , 2.0 mM Spermine, 80 mM CaCl ₂ | | | | |
| F12 3,D6 | 0.05 M Na cacodylate pH 6.5, 2.5 mM CoCl ₂ , 5 mM MgCl ₂ | | | | |
| G1 4,A1 | 0.05 M Na cacodylate pH 6.5, 1.0 mM Spermine, 30 mM MgCl ₂ , 1.3 M Li sulfate | | | | |
| G2 4,A2 | 0.05 M Na cacodylate pH 6.0, 200 mM Ca acetate, 5 % Isopropanol | | | | |
| G3 4,A3 | 0.05 M Na cacodylate pH 6.5, 1.0 mM CoCl ₂ , 100 mM MgCl ₂ , 10 % Ethanol | | | | |
| G4 4,A4 | 0.05 M Na cacodylate pH 6.0, 2.5 mM Spermidine, 10 mM MgCl ₂ , 2.5 M NaCl | | | | |
| G5 4,A5 | 0.05 M Na cacodylate pH 6.5, 200 mM tri-Na citrate, 10 mM MgCl ₂ , 5 % Isopropanol | | | | |
| G6 4,A6 | 0.05 M Na cacodylate pH 6.5, 10.0 mM Spermine, 15 mM MgCl ₂ , 2.0 M Li sulfate | | | | |
| G7 4,B1 | 0.05 M Na cacodylate pH 6.5, 1.0 mM Spermine, 20 mM MgCl ₂ , 2.0 M Ammonium sulfate | | | | |
| G8 4,B2 | 0.05 M Na cacodylate pH 6.5, 1.5 mM Spermine, 10 mM MgCl ₂ , 3.0 M Ammonium sulfate | | | | |
| G9 4,B3 | 0.05 M HEPES pH 7.5, 1.0 mM Spermine, 15 mM MgCl ₂ , 1.0 M Ammonium sulfate | | | | |
| G10 4,B4 | 0.05 M Na cacodylate pH 6.0, 200 mM Ca acetate, 2.5 M NaCl | | | | |
| G11 4,B5 | 0.05 M Na cacodylate pH 6.0, 1.0 mM CoCl ₂ , 200 mM Ca acetate, 2.0 M LiCl | | | | |
| G12 4,B6 | 0.05 M Na cacodylate pH 6.5, 5.0 mM Spermidine, 15 mM MgCl ₂ , 1.0 CoCl ₂ , 2.0 M NaCl | | | | |
| H1 4,C1 | 0.05 M Na cacodylate pH 6.5, 100 mM NaCl, 200 mM MgCl ₂ , 20 % PEG 1000 | | | | |
| H2 4,C2 | 0.05 M TRIS pH 7.5, 50 mM MgCl ₂ , 1.0 M Na tartrate | | | | |
| H3 4,C3 | 0.05 M TRIS pH 7.5, 200 mM MgCl ₂ , 2.5 M NaCl | | | | |
| H4 4,C4 | 0.05 M Na cacodylate pH 6.0, 200 mM MgCl ₂ , 2.5 M KCl | | | | |
| H5 4,C5 | 0.05 M TRIS pH 8.0, 200 mM MgCl ₂ , 15 % Ethanol | | | | |
| H6 4,C6 | 0.05 M Na cacodylate pH 6.0, 5.0 mM Spermidine, 15 mM MgCl ₂ , 2.0 M Li sulfate | | | | |
| H7 4,D1 | 0.05 M Na cacodylate pH 6.0, 0.5 mM Spermine, 20 mM Mg acetate, 100 mM NaCl, 25 % MPD | | | | |
| H8 4,D2 | 0.05 M Na succinate pH 5.5, 0.5 mM Spermine, 20 mM MgCl ₂ , 3.0 M Ammonium sulfate | | | | |
| H9 4,D3 | 0.05 M Na cacodylate pH 6.5, 5 mM CoCl ₂ , 2.5 M KCl | | | | |
| H10 4,D4 | 0.05 M Na cacodylate pH 6.5, 2.0 mM CoCl ₂ , 50 mM MgCl ₂ , 1.5 M Li sulfate | | | | |
| H11 4,D5 | 0.05 M Na cacodylate pH 6.5, 2.0 mM CoCl ₂ , 1.0 mM Spermine, 30 mM CaCl ₂ , 2.0 M LiCl | | | | |
| H12 4,D6 | 0.05 M Na cacodylate pH 6.5, 50 mM Spermine, 10 mM MgCl ₂ | | | | |

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