Scoring Sheet — The Nucleix Suite

Date:	Protein:	Protein vol.:	µl
Operator:	Buffer:	Solution vol.:	µl
Plate ID:	Additives:	Additive vol.:	µl

Date of observation

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

Date of observation

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

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