

Scoring Sheet — The JCSG+ 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	0.2 M Lithium sulfate, 0.1 M Sodium acetate pH 4.5, 50% (v/v) PEG 400				
A2	1,A2	0.1 M tri-Sodium citrate pH 5.5, 20% (w/v) PEG 3000				
A3	1,A3	0.18 M Tri-Ammonium citrate, 20% (w/v) PEG 3350				
A4	1,A4	0.02 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 30% (v/v) MPD				
A5	1,A5	0.2 M Magnesium formate, 20% (w/v) PEG 3350				
A6	1,A6	0.2 M Lithium sulfate, 0.1 M Phosphate-citrate pH 4.2, 20% (w/v) PEG 1000				
A7	1,B1	0.1 M CHES pH 9.5, 20% (w/v) PEG 8000				
A8	1,B2	0.2 M Ammonium formate, 20% (w/v) PEG 3350				
A9	1,B3	0.2 M Ammonium chloride, 20% (w/v) PEG 3350				
A10	1,B4	0.2 M Potassium formate, 20% (w/v) PEG 3350				
A11	1,B5	0.2 M Ammonium phosphate, 0.1 M Tris pH 8.5, 50% (v/v) MPD				
A12	1,B6	0.2 M Potassium nitrate, 20% (w/v) PEG 3350				
B1	1,C1	0.8 M Ammonium sulfate, 0.1 M Citric acid pH 3.5 (final pH 4)				
B2	1,C2	0.2 M Sodium thiocyanate, 20% (w/v) PEG 3350				
B3	1,C3	0.1 M Bicine pH 8.5, 20% (w/v) PEG 6000 (final pH 9)				
B4	1,C4	0.1 M HEPES pH 7.5, 10% (w/v) PEG 8000, 8% (v/v) Ethylene glycol				
B5	1,C5	0.1 M Sodium cacodylate pH 6.5, 40% (v/v) MPD, 5% (w/v) PEG 8000				
B6	1,C6	0.1 M Phosphate-citrate pH 4.2, 40% (v/v) Ethanol, 5% (w/v) PEG 1000				
B7	1,D1	0.1 M Sodium acetate pH 4.6, 8% (w/v) PEG 4000				
B8	1,D2	0.2 M Magnesium chloride, 0.1 M Tris pH 7.0, 10% (w/v) PEG 8000				
B9	1,D3	0.1 M Citric acid pH 4.0, 20% (w/v) PEG 6000 (final pH 5)				
B10	1,D4	0.2 M Magnesium chloride, 0.1 M Sodium cacodylate pH 6.5, 50% (v/v) PEG 200				
B11	1,D5	1.6 M tri-Sodium citrate pH 6.5, (final pH 6.5)				
B12	1,D6	0.2 M tri-Potassium citrate, 20% (w/v) PEG 3350				
C1	2,A1	0.2 M Sodium chloride, 0.1 M Phosphate-citrate pH 4.2, 20% (w/v) PEG 8000				
C2	2,A2	1 M Lithium chloride, 0.1 M Citric acid pH 4.0, 20% (w/v) PEG 6000 (final pH 4)				
C3	2,A3	0.2 M Ammonium nitrate, 20% (w/v) PEG 3350				
C4	2,A4	0.1 M HEPES pH 6.5, 10% (w/v) PEG 6000 (final pH 7)				
C5	2,A5	0.8 M Sodium phosphate, 0.8 M Potassium phosphate, 0.1 M HEPES pH 7.5				
C6	2,A6	0.1 M Phosphate-citrate pH 4.2, 40% (v/v) PEG 300				
C7	2,B1	0.2 M Zinc acetate, 0.1 M Sodium acetate pH 4.5, 10% (w/v) PEG 3000				
C8	2,B2	0.1 M Tris pH 8.5, 20% (v/v) Ethanol				
C9	2,B3	0.1 M Na/K phosphate pH 6.2, 25% (v/v) 1,2 propanediol, 10% (v/v) Glycerol				
C10	2,B4	0.1 M Bicine pH 9.0, 10% (w/v) PEG 20000, 2% (v/v) 1,4-Dioxane				
C11	2,B5	2 M Ammonium sulfate, 0.1 M Sodium acetate pH 4.6				
C12	2,B6	10% (w/v) PEG 1000, 10% (w/v) PEG 8000				
D1	2,C1	24% (w/v) PEG 1500, 20% (w/v) Glycerol				
D2	2,C2	0.2 M Magnesium chloride, 0.1 M HEPES pH 7.5, 30% (v/v) PEG 400				
D3	2,C3	0.2 M Sodium chloride, 0.1 M Na/K phosphate pH 6.2, 50% (v/v) PEG 200				
D4	2,C4	0.2 M Lithium sulfate, 0.1 M Sodium acetate pH 4.5, 30% (w/v) PEG 8000				
D5	2,C5	0.1 M HEPES pH 7.5, 70% (v/v) MPD				
D6	2,C6	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 20% (w/v) PEG 8000				
D7	2,D1	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 40% (v/v) PEG 400				
D8	2,D2	0.1 M Tris pH 8.0, 40% (v/v) MPD				
D9	2,D3	0.17 M Ammonium sulfate, 25,5% (w/v) PEG 4000, 15% (v/v) Glycerol				
D10	2,D4	0.2 M Calcium acetate, 0.1 M Sodium cacodylate pH 6.5, 40% (v/v) PEG 300				
D11	2,D5	0.14 M Calcium chloride, 0.07 M Sodium acetate pH 4.6, 14% (v/v) Isopropanol, 30% (v/v) Glycerol				
D12	2,D6	0.04 M Potassium phosphate, 16% (w/v) PEG 8000, 20% (v/v) Glycerol				



Location	Crystallization condition						
E1	3,A1	1 M tri-Sodium citrate, 0.1 M Sodium cacodylate pH 6.5					
E2	3,A2	0.2 M Sodium chloride, 0.1 M Sodium cacodylate pH 6.5, 2 M Ammonium sulfate					
E3	3,A3	0.2 M Sodium chloride, 0.1 M HEPES pH 7.5, 10% (v/v) Isopropanol					
E4	3,A4	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 1,26 M Ammonium sulfate					
E5	3,A5	0.1 M CAPS pH 10.5, 40% (v/v) MPD					
E6	3,A6	0.2 M Zinc acetate, 0.1 M Imidazole pH 8.0, 20% (w/v) PEG 3000					
E7	3,B1	0.2 M Zinc acetate, 0.1 M Sodium cacodylate pH 6.5, 10% (v/v) Isopropanol					
E8	3,B2	1 M di-Ammonium phosphate, 0.1 M Sodium acetate pH 4.5					
E9	3,B3	1.6 M Magnesium sulfate, 0.1 M MES pH 6.5					
E10	3,B4	0.1 M Bicine pH 9.0, 10% (w/v) PEG 6000 (final pH 9)					
E11	3,B5	0.16 M Calcium acetate, 0.08 M Sodium cacodylate pH 6.5, 14,4% (w/v) PEG 8000, 20% (v/v) Glycerol					
E12	3,B6	0.1 M Imidazole pH 8.0, 10% (w/v) PEG 8000					
F1	3,C1	0.05 M Cesium chloride, 0.1 M MES pH 6.5, 30%(v/v) Jeffamine M-600					
F2	3,C2	3.2 M Ammonium sulfate, 0.1 M Citric acid pH 4.0 (final pH 5)					
F3	3,C3	0.1 M Tris pH 8.5, 20% (v/v) MPD (final pH 8)					
F4	3,C4	0.1 M HEPES pH 7.5, 20% (v/v) Jeffamine M-600					
F5	3,C5	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 50% (v/v) Ethylene glycol					
F6	3,C6	0.1 M Bicine pH 8.5, 10% (v/v) MPD (final pH 9)					
F7	3,D1	0.8 M Succinic acid pH 7.0					
F8	3,D2	2.1 M DL-Malic acid pH 7.0					
F9	3,D3	2.4 M Sodium malonate pH 7.0					
F10	3,D4	1.1 M Sodium malonate, 0.1 M HEPES pH 7.0, 0,5% (v/v) Jeffamine ED-2001 (final pH 7)					
F11	3,D5	1 M Succinic acid, 0.1 M HEPES pH 7.0, 1% (w/v) PEG MME 2000 (final pH 7)					
F12	3,D6	0.1 M HEPES pH 7.0, 30% (v/v) Jeffamine M-600 (final pH 7)					
G1	4,A1	0.1 M HEPES pH 7.0, 30% (v/v) Jeffamine ED-2001 (final pH 7)					
G2	4,A2	0.02 M Magnesium chloride, 0.1 M HEPES pH 7.5, 22% (w/v) Polyacrylic acid 5100 sodium salt					
G3	4,A3	0.01 M Cobalt chloride, 0.1 M Tris pH 8.5, 20% (w/v) Polyvinylpyrrolidone K15					
G4	4,A4	0.2 M Trimethylamine N-oxide, 0.1 M Tris pH 8.5, 20% (w/v) PEG MME 2000					
G5	4,A5	0.005 M Cobalt chloride, 0.005 M Cadmium chloride, 0.005 M Magnesium chloride, 0.005 M Nickel chloride, 0.1 M HEPES pH 7.5, 12% (w/v) PEG 3350					
G6	4,A6	0.24 M Sodium malonate pH 7.0, 20% (w/v) PEG 3350					
G7	4,B1	0.1 M Succinic acid pH 7.0, 15% (w/v) PEG 3350					
G8	4,B2	0.15 M DL-Malic acid pH 7.0, 20% (w/v) PEG 3350					
G9	4,B3	0.1 M Potassium thiocyanate, 30% (w/v) PEG MME 2000					
G10	4,B4	0.15 M Potassium bromide, 30% (w/v) PEG MME 2000					
G11	4,B5	2 M Ammonium sulfate, 0.1 M Bis-Tris pH 5.5					
G12	4,B6	3 M Sodium chloride, 0.1 M Bis-Tris pH 5.5					
H1	4,C1	0.3 M Magnesium formate, 0.1 M Bis-Tris pH 5.5					
H2	4,C2	1 M Ammonium sulfate, 0.1 M Bis-Tris pH 5.5, 1% (w/v) PEG 3350					
H3	4,C3	0.1 M tri-Sodium acetate pH 4.5, 0.1 M Bis-Tris pH 5.5, 25% (w/v) PEG 3350					
H4	4,C4	0.2 M Calcium chloride, 0.1 M Bis-Tris pH 5.5, 45% (v/v) MPD					
H5	4,C5	0.2 M Ammonium acetate, 0.1 M Bis-Tris pH 5.5, 45% (v/v) MPD					
H6	4,C6	0.1 M Ammonium acetate, 0.1 M Bis-Tris pH 5.5, 17% (w/v) PEG 10000					
H7	4,D1	0.2 M Ammonium sulfate, 0.1 M Bis-Tris pH 5.5, 25% (w/v) PEG 3350					
H8	4,D2	0.2 M Sodium chloride, 0.1 M Bis-Tris pH 5.5, 25% (w/v) PEG 3350					
H9	4,D3	0.2 M Lithium sulfate, 0.1 M Bis-Tris pH 5.5, 25% (w/v) PEG 3350					
H10	4,D4	0.2 M Ammonium acetate, 0.1 M Bis-Tris pH 5.5, 25% (w/v) PEG 3350					
H11	4,D5	0.2 M Magnesium chloride, 0.1 M Bis-Tris pH 5.5, 25% (w/v) PEG 3350					
H12	4,D6	0.2 M Ammonium acetate, 0.1 M HEPES pH 7.5, 45% (v/v) MPD					

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