

Scoring Sheet — The JCSG Core III 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	0.1 M CAPS pH 10.5, 30% (v/v) PEG 400				
A2	1,A2	0.1M CHES pH 9.5, 40% (v/v) PEG 600				
A3	1,A3	0.1M CHES pH 9.5, 50% (v/v) PEG 200				
A4	1,A4	0.1M CHES pH 9.5, 30% (w/v) PEG 3000				
A5	1,A5	0.2 M Sodium chloride, 0.1M CHES pH 9.5, 50% (v/v) PEG 400				
A6	1,A6	0.2 M di-Potassium hydrogen phosphate, 20% (w/v) PEG 3350				
A7	1,B1	0.2 M di-Sodium hydrogen phosphate, 20% (w/v) PEG 3350				
A8	1,B2	0.1 M Bicine pH 8.5, 40% (v/v) MPD (final pH 9)				
A9	1,B3	0.1 M Bicine pH 8.5, 5% (w/v) PEG 6000 (final pH 9)				
A10	1,B4	0.2 M Ammonium sulfate, 0.1M CAPS pH 10.5, 30% (v/v) PEG 200				
A11	1,B5	0.1 M Tris pH 8.5, 20% (w/v) PEG 1000				
A12	1,B6	0.1 M Tris pH 8.5, 1.0 M di-Ammonium hydrogen phosphate				
B1	1,C1	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 20% (w/v) PEG 8000				
B2	1,C2	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 1.26 M Ammonium sulfate				
B3	1,C3	0.01 M Nickel chloride, 0.1 M Tris pH 8.5, 1.0 M Lithium sulfate				
B4	1,C4	1.6 M Ammonium dihydrogen phosphate, 0.08 M Tris-HCl pH 8.5, 20% (v/v) Glycerol				
B5	1,C5	0.2 M Sodium acetate, 0.1 M Tris-HCl pH 8.5, 30% (w/v) PEG 4000				
B6	1,C6	1.0 M Sodium citrate, 0.1 M Imidazole pH 8.0				
B7	1,D1	0.2 M Magnesium chloride, 0.1 M Imidazole pH 8.0, 15% (v/v) Ethanol				
B8	1,D2	0.2 M Lithium sulfate, 0.1 M Imidazole pH 8.0, 10% (w/v) PEG 3000				
B9	1,D3	0.1 M Tris pH 8.5, 40% (v/v) MPD (final pH 8)				
B10	1,D4	0.1 M Tris pH 8.5, 2.4 M Ammonium sulfate (final pH 8)				
B11	1,D5	0.2 M di-Ammonium hydrogen phosphate, 20% (w/v) PEG 3350				
B12	1,D6	0.2 M Sodium chloride, 0.1 M HEPES pH 7.5, 30% (v/v) PEG 400				
C1	2,A1	0.05 M Calcium acetate, 0.1M Imidazole pH 8.0, 35% (v/v) 2-Ethoxyethanol				
C2	2,A2	0.2 M tri-Sodium citrate, 0.1 M HEPES pH 7.5, 10% (v/v) Isopropanol				
C3	2,A3	0.1 M Sodium chloride, 0.1 M HEPES pH 7.5, 1.6 M Ammonium sulfate, 0.18 M Magnesium chloride, 0.09 M Sodium HEPES pH 7.5, 10% (v/v) Glycerol, 27% (v/v) Isopropanol				
C4	2,A4					
C5	2,A5	1.4 M tri-Sodium citrate, 0.1 M Sodium HEPES pH 7.5				
C6	2,A6	0.2 M Calcium chloride, 0.1 M Sodium HEPES pH 7.5, 28% (v/v) PEG 400				
C7	2,B1	0.2 M Magnesium chloride, 0.1 M Sodium HEPES pH 7.5, 30% (v/v) Isopropanol				
C8	2,B2	0.1M Imidazole pH 8.0, 40% (v/v) PEG 400				
C9	2,B3	10% (v/v) Glycerol, 0.1M HEPES pH 7.5, 5% (w/v) PEG 3000, 30% (v/v) PEG 400				
C10	2,B4	0.2 M Sodium chloride, 0.1 M Tris pH 7.0, 1.0 M Sodium citrate				
C11	2,B5	0.1 M Tris pH 7.0, 15% (v/v) Ethanol				
C12	2,B6	0.2 M Sodium chloride, 0.1 M Tris pH 7.0, 35% (v/v) MPD				
D1	2,C1	0.2 M Sodium chloride, 0.1M Imidazole pH 8.0, 1.0 M Potassium/Sodium tartrate				
D2	2,C2	0.1 M HEPES pH 6.5, 40% (v/v) MPD (final pH 7)				
D3	2,C3	0.1 M HEPES pH 6.5, 20% (v/v) MPD (final pH 7)				
D4	2,C4	1.0 M Imidazole pH 7.0				
D5	2,C5	0.4 M Potassium/Sodium tartrate				
D6	2,C6	0.1 M HEPES pH 6.5, 2.4 M Ammonium sulfate (final pH 7)				
D7	2,D1	1.0 M Lithium chloride, 0.1 M HEPES pH 7.0, 20% (w/v) PEG 6000 (final pH 7)				
D8	2,D2	0.1 M HEPES pH 6.5, 5% (w/v) PEG 6000 (final pH 7)				
D9	2,D3	0.1M Sodium cacodylate pH 6.5, 35% (v/v) 2-Ethoxyethanol				
D10	2,D4	0.1M Tris pH 7.0, 50% (v/v) PEG 200				
D11	2,D5	0.2 M Sodium chloride, 0.1M Sodium/Potassium phosphate pH 6.2, 35% (v/v) 2-Ethoxyethanol				
D12	2,D6	1.0 M Sodium citrate, 0.1 M Sodium cacodylate pH 6.5				



Location	Crystallization condition					
E1	3,A1	0.1 M Sodium cacodylate pH 6.5, 1.26 M Ammonium sulfate				
E2	3,A2	0.01 M Cobalt chloride, 0.1 M MES pH 6.5, 1.8 M Ammonium sulfate				
E3	3,A3	0.1 M MES pH 6.5, 1.6 M Ammonium sulfate, 10% (v/v) 1,4-Dioxane				
E4	3,A4	0.1 M MES pH 6.5, 1.6 M Magnesium sulfate				
E5	3,A5	0.16 M Calcium acetate, 0.08 M Sodium cacodylate pH 6.5, 14.4% (w/v) PEG 8000, 20% (v/v) Glycerol				
E6	3,A6	0.18 M Magnesium acetate, 0.09 M Sodium cacodylate pH 6.5, 27% (v/v) MPD, 10% (v/v) Glycerol				
E7	3,B1	0.16 M Magnesium acetate, 0.08 M Sodium cacodylate pH 6.5, 16% (w/v) PEG 8000, 20% (v/v) Glycerol				
E8	3,B2	0.2 M Calcium acetate, 0.1 M Sodium cacodylate pH 6.5, 18% (w/v) PEG 8000				
E9	3,B3	0.2 M Sodium acetate, 0.1 M Sodium cacodylate pH 6.5, 30% (w/v) PEG 8000				
E10	3,B4	0.1 M Imidazole pH 6.5, 1.0 M Sodium acetate				
E11	3,B5	0.2 M Magnesium acetate, 0.1 M Sodium cacodylate pH 6.5, 30% (v/v) MPD				
E12	3,B6	0.1 M Sodium cacodylate pH 6.5, 1.4 M Sodium acetate				
F1	3,C1	0.1M MES pH 6.0, 40% (v/v) PEG 400, 5% (w/v) PEG 3000				
F2	3,C2	0.1M Sodium citrate pH 5.5, 35% (v/v) 2-Ethoxyethanol				
F3	3,C3	0.1 M Sodium/Potassium phosphate pH 6.2, 35% (v/v) MPD				
F4	3,C4	0.1 M Sodium/Potassium phosphate pH 6.2, 2.5 M Sodium chloride				
F5	3,C5	0.2 M Calcium acetate, 0.1 M MES pH 6.0, 10% (v/v) Isopropanol				
F6	3,C6	0.2 M Zinc acetate, 0.1 M MES pH 6.0, 10% (w/v) PEG 8000				
F7	3,D1	0.1 M MES pH 6.0, 3.2 M Ammonium sulfate				
F8	3,D2	0.1 M MES pH 5.0, 2.4 M Ammonium sulfate (final pH 6)				
F9	3,D3	0.1 M MES pH 5.0, 0.8 M Ammonium sulfate (final pH 6)				
F10	3,D4	0.2 M Potassium/Sodium tartrate, 0.1 M Sodium citrate pH 5.6, 2.0 M Ammonium sulfate				
F11	3,D5	0.17 M Ammonium acetate, 0.085 M Sodium citrate pH 5.6, 25.5% (w/v) PEG 4000, 15% (v/v) Glycerol				
F12	3,D6	0.1 M Sodium citrate pH 5.6, 1.0 M Ammonium dihydrogen phosphate				
G1	4,A1	0.1 M Sodium citrate pH 5.5, 2.0 M Ammonium sulfate				
G2	4,A2	0.1M Sodium acetate pH 4.5, 40% (v/v) PEG 400				
G3	4,A3	0.1M Tris pH 7.0, 40% (v/v) PEG 300, 5% (w/v) PEG 1000				
G4	4,A4	0.1M Phosphate-citrate pH 4.2, 40% (v/v) PEG 600				
G5	4,A5	0.2 M Calcium chloride, 20% (w/v) PEG 3350				
G6	4,A6	0.1 M Sodium acetate pH 5.0, 40% (v/v) MPD (final pH 5)				
G7	4,B1	0.1 M Citric Acid pH 5.0, 1.0 M Lithium chloride (final pH 5)				
G8	4,B2	0.1 M Citric Acid pH 4.0, 30% (w/v) PEG 6000 (final pH 5)				
G9	4,B3	0.04 M Potassium dihydrogen phosphate, 16% (w/v) PEG 8000, 20% (v/v) Glycerol				
G10	4,B4	0.1 M Cadmium chloride, 0.1 M Sodium acetate pH 4.6, 30% (v/v) PEG 400				
G11	4,B5	0.2 M Sodium chloride, 0.1 M Sodium acetate pH 4.6, 30% (v/v) MPD				
G12	4,B6	2.0 M Sodium chloride, 0.1 M Sodium acetate pH 4.6				
H1	4,C1	2.0 M Sodium formate, 0.1 M Sodium acetate pH 4.6				
H2	4,C2	0.2 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 20% (v/v) Isopropanol				
H3	4,C3	0.2 M Lithium sulfate, 0.1 M Sodium acetate pH 4.5, 2.5 M Sodium chloride				
H4	4,C4	0.1 M Sodium acetate pH 4.5, 20% (v/v) Butanediol				
H5	4,C5	0.2 M Sodium chloride, 0.1 M Sodium acetate pH 4.5, 1.26 M Ammonium sulfate				
H6	4,C6	0.26 M Ammonium dihydrogen phosphate, 35% (v/v) Glycerol				
H7	4,D1	0.1 M Citric Acid pH 2.5, 40% (v/v) MPD (final pH 4)				
H8	4,D2	0.1 M Citric Acid pH 3.5, 2.4 M Ammonium sulfate (final pH 4)				
H9	4,D3	0.1 M Citric Acid pH 3.5, 1.6 M Ammonium sulfate (final pH 4)				
H10	4,D4	2.0 M Sodium chloride, 10% (w/v) PEG 6000				
H11	4,D5	0.2 M Ammonium sulfate, 30% (w/v) PEG 4000				
H12	4,D6	0.2 M Ammonium sulfate, 30% (w/v) PEG 8000				

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