

Scoring Sheet — The JCSG Core II 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 Sodium chloride, 0.1 M CAPS pH 10.5, 20% (w/v) PEG 8000				
A2	1,A2	0.2 M Sodium chloride, 0.1 M CHES pH 9.5, 1.26 M Ammonium sulfate				
A3	1,A3	1.0 M Sodium citrate, 0.1 M CHES pH 9.5				
A4	1,A4	0.2 M Sodium chloride, 0.1 M CHES pH 9.5, 10% (w/v) PEG 8000				
A5	1,A5	0.1 M Bicine pH 9.0, 10% (w/v) PEG 20000, 2% (v/v) 1,4-Dioxane				
A6	1,A6	0.1 M Sodium chloride, 0.1 M Bicine pH 9.0, 20% (w/v) PEG 550 MME				
A7	1,B1	1.0 M Lithium chloride, 0.1 M Bicine pH 9.0, 10% (w/v) PEG 6000 (final pH 9)				
A8	1,B2	0.1M Tris pH 8.5, 5% (w/v) PEG 8000, 20% (v/v) PEG 300, 10% (v/v) Glycerol				
A9	1,B3	0.01 M Nickel chloride, 0.1 M Tris pH 8.5, 20% (w/v) PEG 2000 MME				
A10	1,B4	0.1 M Tris pH 8.5, 20% (v/v) Ethanol				
A11	1,B5	0.1 M Tris-HCl pH 8.5, 2.0 M Ammonium dihydrogen phosphate				
A12	1,B6	0.1 M Tris-HCl pH 8.5, 8% (w/v) PEG 8000				
B1	1,C1	0.1 M Tris-HCl pH 8.5, 2.0 M Ammonium sulfate				
B2	1,C2	0.2 M Lithium sulfate, 0.1M Tris pH 8.5, 40% (v/v) PEG 400				
B3	1,C3	0.2 M Calcium acetate, 0.1 M Imidazole pH 8.0, 10% (w/v) PEG 8000				
B4	1,C4	0.2 M Magnesium chloride, 0.1 M Imidazole pH 8.0, 35% (v/v) MPD				
B5	1,C5	1.0 M Lithium chloride, 0.1 M Tris pH 8.5, 20% (w/v) PEG 6000 (final pH 8)				
B6	1,C6	0.1 M Tris pH 8.5, 20% (w/v) PEG 6000 (final pH 8)				
B7	1,D1	0.2 M Lithium Acetate, 20% (w/v) PEG 3350				
B8	1,D2	0.2 M Magnesium chloride, 0.1M Imidazole pH 8.0, 40% (v/v) MPD				
B9	1,D3	0.2 M Magnesium chloride, 0.1 M HEPES pH 7.5, 15% (v/v) Ethanol				
B10	1,D4	0.1 M HEPES pH 7.5, 70% (v/v) MPD				
B11	1,D5	0.085 M Sodium HEPES pH 7.5, 17% (w/v) PEG 4000, 15% (v/v) Glycerol, 8.5% (v/v) Isopropanol				
B12	1,D6	0.6 M sodium dihydrogen phosphate/0.6 M potassium dihydrogen phosphate, 0.075 M Sodium HEPES pH 7.5, 25% (v/v) Glycerol				
C1	2,A1	0.18 M Magnesium chloride, 0.09 M Sodium HEPES pH 7.5, 27% (v/v) PEG 400, 10% (v/v) Glycerol				
C2	2,A2	0.1 M Sodium HEPES pH 7.5, 2% (v/v) PEG 400, 2.0 M Ammonium sulfate				
C3	2,A3	0.2 M Magnesium chloride, 0.1 M Sodium HEPES pH 7.5, 30% (v/v) PEG 400				
C4	2,A4	0.2 M Sodium chloride, 0.1M Na/K phosphate pH 6.2, 50% (v/v) PEG 200				
C5	2,A5	0.2 M Sodium fluoride, 20% (w/v) PEG 3350				
C6	2,A6	0.2 M Lithium sulfate, 0.1 M Tris pH 7.0, 2.0 M Ammonium sulfate				
C7	2,B1	0.2 M Calcium acetate, 0.1M Sodium cacodylate pH 6.5, 40% (v/v) PEG 300				
C8	2,B2	0.1 M Tris pH 7.0, 20% (w/v) PEG 1000				
C9	2,B3	1.0 M Lithium chloride, 0.1 M HEPES pH 7.0, 10% (w/v) PEG 6000 (final pH 7)				
C10	2,B4	0.1 M HEPES pH 6.5, 10% (w/v) PEG 6000 (final pH 7)				
C11	2,B5	0.2 M Sodium chloride, 0.1M Na/K phosphate pH 6.2, 40% (v/v) PEG 400				
C12	2,B6	0.1M Sodium citrate pH 5.5, 50% (v/v) PEG 200				
D1	2,C1	0.1M Na/K phosphate pH 6.2, 25% (v/v) 1,2-Propanediol, 10% (v/v) Glycerol				
D2	2,C2	0.2 M Sodium nitrate, 20% (w/v) PEG 3350				
D3	2,C3	0.05 M Lithium sulfate, 0.1M Tris pH 7.0, 50% (v/v) PEG 200				
D4	2,C4	0.2 M Potassium sulfate, 20% (w/v) PEG 3350				
D5	2,C5	0.2 M Magnesium formate				
D6	2,C6	0.1M Sodium citrate pH 5.5, 40% (v/v) PEG 600				
D7	2,D1	0.2 M Magnesium chloride, 0.1 M Sodium cacodylate pH 6.5, 20% (w/v) PEG 1000				
D8	2,D2	0.2 M Magnesium chloride, 0.1 M Sodium cacodylate pH 6.5, 10% (w/v) PEG 3000				
D9	2,D3	0.2 M Lithium sulfate, 0.1 M Sodium cacodylate pH 6.5, 30% (v/v) PEG 400				
D10	2,D4	0.2 M Sodium chloride, 0.1 M Sodium cacodylate pH 6.5, 2.0 M Ammonium sulfate				
D11	2,D5	0.1 M MES pH 6.5, 12% (w/v) PEG 20000				
D12	2,D6	0.2 M Lithium sulfate, 20% (w/v) PEG 3350				



Location	Crystallization condition					
E1	3,A1	0.2 M Sodium chloride, 0.1 M Na/K phosphate pH 6.2, 20% (w/v) PEG 1000				
E2	3,A2	0.1 M MES pH 5.0, 10% (v/v) MPD (final pH 6)				
E3	3,A3	1.0 M Lithium chloride, 0.1 M MES pH 6.0, 20% (w/v) PEG 6000 (final pH 6)				
E4	3,A4	1.0 M Lithium chloride, 0.1 M MES pH 6.0, 10% (w/v) PEG 6000 (final pH 6)				
E5	3,A5	0.1 M MES pH 5.0, 5% (w/v) PEG 6000 (final pH 6)				
E6	3,A6	0.2 M Zinc acetate, 0.1M Imidazole pH 8.0, 25% (v/v) 1,2-Propanediol, 10% (v/v) Glycerol				
E7	3,B1	0.2 M Zinc acetate, 0.1M Imidazole pH 8.0, 40% (v/v) PEG 600				
E8	3,B2	0.5 M Ammonium sulfate, 0.1M Tris pH 7.0, 30% (v/v) PEG 600, 10% (v/v) Glycerol				
E9	3,B3	1.0 M Lithium sulfate, 0.1 M Sodium citrate pH 5.6, 0.5 M Ammonium sulfate				
E10	3,B4	0.2 M Ammonium acetate, 0.1 M Sodium citrate pH 5.6, 30% (w/v) PEG 4000				
E11	3,B5	24% (w/v) PEG 1500, 20% (v/v) Glycerol				
E12	3,B6	0.2 M Sodium chloride, 0.1M Sodium acetate pH 4.5, 40% (v/v) PEG 300				
F1	3,C1	0.1M Sodium acetate pH 4.5, 35% (v/v) MPD, 10% (v/v) Glycerol				
F2	3,C2	0.1M Phosphate-citrate pH 4.2, 40% (v/v) PEG 300				
F3	3,C3	0.1M Sodium acetate pH 4.5, 5% (w/v) PEG 1000, 50% (v/v) Ethylene glycol				
F4	3,C4	0.1 M Sodium chloride, 0.1M Sodium acetate pH 4.5, 30% (v/v) PEG 200				
F5	3,C5	0.1M Sodium acetate pH 4.5, 40% (v/v) 1,2-Propanediol				
F6	3,C6	0.1M Sodium acetate pH 4.5, 40% (v/v) Ethylene glycol				
F7	3,D1	0.1 M Sodium acetate pH 5.0, 10% (v/v) MPD (final pH 5)				
F8	3,D2	0.1 M Citric acid pH 4.0, 2.4 M Ammonium sulfate (final pH 5)				
F9	3,D3	0.1 M Citric acid pH 4.0, 1.6 M Ammonium sulfate (final pH 5)				
F10	3,D4	0.1 M Citric acid pH 4.0, 0.8 M Ammonium sulfate (final pH 5)				
F11	3,D5	1.0 M Lithium chloride, 0.1 M Citric acid pH 5.0, 20% (w/v) PEG 6000 (final pH 5)				
F12	3,D6	0.1M Phosphate-citrate pH 4.2, 5% (w/v) PEG 3000, 25% (v/v) 1,2-Propanediol, 10% (v/v) Glycerol				
G1	4,A1	2.0 M Ammonium sulfate, 5% (v/v) Isopropanol				
G2	4,A2	2.0 M Ammonium sulfate				
G3	4,A3	0.2 M Magnesium chloride, 0.1M MES pH 5.5, 40% (v/v) PEG 400				
G4	4,A4	0.01 M Cobalt chloride, 0.1 M Sodium acetate pH 4.6, 1.0 M Hexanediol				
G5	4,A5	0.08 M Sodium acetate pH 4.6, 1.6 M Ammonium sulfate, 20% (v/v) Glycerol				
G6	4,A6	0.07 M Sodium acetate pH 4.6, 5.6% (w/v) PEG 4000, 30% (v/v) Glycerol				
G7	4,B1	0.14 M Calcium chloride, 0.07 M Sodium acetate pH 4.6, 30% (v/v) Glycerol, 14% (v/v) Isopropanol				
G8	4,B2	0.16 M Ammonium sulfate, 0.08 M Sodium acetate pH 4.6, 20% (w/v) PEG 4000, 20% (v/v) Glycerol				
G9	4,B3	0.018 M Calcium chloride, 0.09 M Sodium acetate pH 4.6, 27% (v/v) MPD, 10% (v/v) Glycerol				
G10	4,B4	0.1 M Sodium acetate pH 4.6, 2.0 M Ammonium sulfate				
G11	4,B5	0.2 M Zinc acetate, 0.1 M Sodium acetate pH 4.5, 10% (w/v) PEG 3000,				
G12	4,B6	0.2 M Ammonium sulfate, 0.1M Phosphate-citrate pH 4.2, 20% (v/v) PEG 300, 10% Glycerol				
H1	4,C1	0.2 M Calcium acetate, 0.1 M Sodium acetate pH 4.5, 30% (v/v) PEG 400				
H2	4,C2	0.2 M Lithium sulfate, 0.1 M Sodium acetate pH 4.5, 30% (w/v) PEG 8000				
H3	4,C3	25% (v/v) Ethylene glycol				
H4	4,C4	0.2 M Lithium sulfate, 0.1 M Phosphate-citrate pH 4.2, 10% (v/v) Isopropanol				
H5	4,C5	0.2 M Sodium chloride, 0.1 M Phosphate-citrate pH 4.2, 20% (w/v) PEG 8000				
H6	4,C6	10% (w/v) PEG 1000, 10% (w/v) PEG 8000				
H7	4,D1	0.17 M Ammonium sulfate, 25.5% (w/v) PEG 4000, 15% (v/v) Glycerol				
H8	4,D2	30% (w/v) PEG 1500				
H9	4,D3	0.4 M Ammonium dihydrogen phosphate				
H10	4,D4	35% (v/v) 1,4-Dioxane				
H11	4,D5	0.1 M Citric acid pH 2.5, 10% (v/v) MPD (final pH 4)				
H12	4,D6	0.1 M Citric acid pH 2.5, 20% (w/v) PEG 6000 (final pH 4)				

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