

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 Na acetate pH 4.5, 50% PEG 400				
A2 1,A2	0.1 M tri-Na citrate pH 5.5, 20% PEG 3000				
A3 1,A3	0.2 M di-Ammonium citrate pH 5.0, 20% PEG 3350				
A4 1,A4	0.02 M Calcium chloride, 0.1 M Na acetate pH 4.6, 30% MPD				
A5 1,A5	0.2 M Magnesium formate pH 5.9, 20% PEG 3350				
A6 1,A6	0.2 M Lithium sulfate, 0.1 M Phosphate-citrate pH 4.2, 20% PEG 1000				
A7 1,B1	0.1 M CHES pH 9.5, 20% PEG 8000				
A8 1,B2	0.2 M Ammonium formate pH 6.6, 20% PEG 3350				
A9 1,B3	0.2 M Ammonium chloride pH 6.3, 20% PEG 3350				
A10 1,B4	0.2 M Potassium formate pH 7.3, 20% PEG 3350				
A11 1,B5	0.2 M Ammonium phosphate, 0.1 M Tris pH 8.5, 50% MPD				
A12 1,B6	0.2 M Potassium nitrate pH 6.9, 20% PEG 3350				
B1 1,C1	0.8 M AmSO ₄ , 0.1 M citric acid pH 4				
B2 1,C2	0.2 M Na thiocyanate pH 6.9, 20% PEG 3350				
B3 1,C3	0.1 M BICINE pH 9, 20% PEG 6000				
B4 1,C4	0.1 M HEPES pH 7.5, 10% PEG 8000, 8% Ethylene glycol				
B5 1,C5	0.1 M Na cacodylate pH 6.5, 40% MPD, 5% PEG 8000				
B6 1,C6	0.1 M Phosphate-citrate pH 4.2, 40% Ethanol, 5% PEG 1000				
B7 1,D1	0.1 M Na acetate pH 4.6, 8% PEG 4000				
B8 1,D2	0.2 M Magnesium chloride, 0.1 M Tris pH 7, 10% PEG 8000				
B9 1,D3	0.1 M citric acid pH 5, 20% PEG 6000				
B10 1,D4	0.2 M Magnesium chloride, 0.1 M Na cacodylate pH 6.5, 50% PEG 200				
B11 1,D5	1.6 M tri-Na citrate				
B12 1,D6	0.2 M tri-Potassium citrate pH 8.3, 20% PEG 3350				
C1 2,A1	0.2 M Na chloride, 0.1 M Phosphate-citrate pH 4.2, 20% PEG 8000				
C2 2,A2	1 M Lithium chloride, 0.1 M citric acid pH 4, 20% PEG 6000				
C3 2,A3	0.2 M Ammonium nitrate pH 6.3, 20% PEG 3350				
C4 2,A4	0.1 M HEPES pH 7, 10% PEG 6000				
C5 2,A5	0.1 M HEPES pH 7.5, 0.8 M Na phosphate, 0.8 M Potassium phosphate				
C6 2,A6	0.1 M Phosphate-citrate pH 4.2, 40% PEG 300				
C7 2,B1	0.2 M Zinc acetate, 0.1 M Na acetate pH 4.5, 10% PEG 3000				
C8 2,B2	0.1 M Tris pH 8.5, 20% Ethanol				
C9 2,B3	0.1 M Na/K phosphate pH 6.2, 25% 1,2 propandiol, 10% Glycerol				
C10 2,B4	0.1 M BICINE pH 9, 10% PEG 20000, 2 %v/v Dioxane				
C11 2,B5	2 M AmSO ₄ , 0.1 M Na acetate pH 4.6				
C12 2,B6	10% PEG 1000, 10% 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% PEG 400				
D3 2,C3	0.2 M Na chloride, 0.1 M Na/K phosphate pH 6.2, 50% PEG 200				
D4 2,C4	0.2 M Lithium sulfate, 0.1 M Na acetate pH 4.5, 30% PEG 8000				
D5 2,C5	0.1 M HEPES pH 7.5, 70% MPD				
D6 2,C6	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 20% PEG 8000				
D7 2,D1	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 40% PEG 400				
D8 2,D2	0.1 M Tris pH 8, 40% MPD				
D9 2,D3	0.17 M AmSO ₄ , 25.5% PEG 4000, 15% Glycerol				
D10 2,D4	0.2 M Calcium acetate, 0.1 M Na cacodylate pH 6.5, 40% PEG 300				
D11 2,D5	0.14 M CaCl ₂ , 0.07 M Na acetate pH 4.6, 14% Isopropanol, 30% Glycerol				
D12 2,D6	0.04 M Potassium phosphate, 16% PEG 8000, 20% Glycerol				

Location	Crystallization condition				
E1	3,A1	1 M tri-Na citrate, 0.1 M Na cacodylate pH 6.5			
E2	3,A2	0.2 M Na chloride, 0.1 M Na cacodylate pH 6.5, 2 M AmSO ₄			
E3	3,A3	0.2 M Na chloride, 0.1 M HEPES pH 7.5, 10% Isopropanol			
E4	3,A4	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 1.26 M AmSO ₄			
E5	3,A5	0.1 M CAPS pH 10.5, 40% MPD			
E6	3,A6	0.2 M Zinc acetate, 0.1 M Imidazole pH 8, 20% PEG 3000			
E7	3,B1	0.2 M Zinc acetate, 0.1 M Na cacodylate pH 6.5, 10% Isopropanol			
E8	3,B2	1 M di-Ammonium phosphate, 0.1 M Na 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, 10% PEG 6000			
E11	3,B5	0.16 M Ca acetate, 0.08 M Na cacodylate pH 6.5, 14.4% PEG 8000, 20% Glycerol			
E12	3,B6	0.1 M Imidazole pH 8, 10% PEG 8000			
F1	3,C1	0.05 M Cesium chloride, 0.1 M MES pH 6.5, 30%Jeffamine M-600			
F2	3,C2	3.15 M AmSO ₄ , 0.1 M citric acid pH 5			
F3	3,C3	0.1 M Tris pH 8, 20% MPD			
F4	3,C4	0.1 M HEPES pH 6.5, 20% Jeffamine M-600			
F5	3,C5	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 50% Ethylene glycol			
F6	3,C6	0.1 M BICINE pH 9, 10% MPD			
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 Na malonate pH 7.0			
F10	3,D4	1.1 M Na malonate pH 7.0, 0.1 M HEPES pH 7, 0.5 % Jeffamine ED-2001 pH 7.0			
F11	3,D5	1 M Succinic acid pH 7.0, 0.1 M HEPES pH 7, 1% PEG MME 2000			
F12	3,D6	0.1 M HEPES pH 7, 30% Jeffamine M-600 pH 7.0			
G1	4,A1	0.1 M HEPES pH 7, 30% Jeffamine ED-2001 pH 7.0			
G2	4,A2	0.02 M MgCl ₂ , 0.1 M HEPES pH 7.5, 22% Polyacrylic acid 5100 Na salt			
G3	4,A3	0.1 M Cobalt chloride, 0.1 M Tris pH 8.5, 20% Polyvinylpyrrolidone K15			
G4	4,A4	0.2 M Trimethylamine N-oxide, 0.1 M Tris pH 8.5, 20% PEG MME 2000			
G5	4,A5	5 mM CoCl ₂ , 5 mM CdCl ₂ , 5 mM MgCl ₂ , 5 mM NiCl ₂ , 0.1 M HEPES pH 7.5, 12% PEG 3350			
G6	4,A6	0.2 M Na malonate pH 7.0, 20% PEG 3350			
G7	4,B1	0.1 M Succinic acid pH 7.0, 15% PEG 3350			
G8	4,B2	0.15 M DL-Malic acid pH 7.0, 20% PEG 3350			
G9	4,B3	0.1 M Potassium thiocyanate, 30% PEG MME 2000			
G10	4,B4	0.15 M Potassium bromide, 30% PEG MME 2000			
G11	4,B5	2 M AmSO ₄ , 0.1 M bis-Tris pH 5.5			
G12	4,B6	3 M Na 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 AmSO ₄ , 0.1 M bis-Tris pH 5.5, 1% PEG 3350			
H3	4,C3	0.1 M bis-Tris pH 5.5, 25% PEG 3350			
H4	4,C4	0.2 M Calcium chloride, 0.1 M bis-Tris pH 5.5, 45% MPD			
H5	4,C5	0.2 M Ammonium acetate, 0.1 M bis-Tris pH 5.5, 45% MPD			
H6	4,C6	0.1 M Ammonium acetate, 0.1 M bis-Tris pH 5.5, 17 % PEG 10,000			
H7	4,D1	0.2 M AmSO ₄ , 0.1 M bis-Tris pH 5.5, 25 % PEG 3350			
H8	4,D2	0.2 M Na chloride, 0.1 M bis-Tris pH 5.5, 25 % PEG 3350			
H9	4,D3	0.2 M Lithium sulfate, 0.1 M bis-Tris pH 5.5, 25 % PEG 3350			
H10	4,D4	0.2 M Ammonium acetate, 0.1 M bis-Tris pH 5.5, 25 % PEG 3350			
H11	4,D5	0.2 M Magnesium chloride, 0.1 M bis-Tris pH 5.5, 25 % PEG 3350			
H12	4,D6	0.2 M Ammonium acetate, 0.1 M HEPES pH 7.5, 45% MPD			

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