

Scoring Sheet — The JCSG Core Suite IV

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 CAPS pH 10.5, 2.0 M Ammonium sulfate			
A2	1,A2	1.2 M Sodium dihydrogen phosphate/0.8 M dipotassium hydrogen phosphate, 0.2 M Lithium sulfate, 0.1 M CAPS pH 10.5			
A3	1,A3	0.1M CAPS pH 10.5, 40% (v/v) MPD			
A4	1,A4	0.1 M CHES pH 9.5, 10% PEG 3000			
A5	1,A5	1.0 M Sodium/Potassium tartrate, 0.2 M Lithium sulfate, 0.1 M CHES pH 9.5			
A6	1,A6	0.1 M CHES pH 9.5, 30% PEG 400			
A7	1,B1	0.1 M CHES pH 9.5, 15% Ethanol			
A8	1,B2	0.2 M sodium citrate, 0.1M CHES pH 9.5, 20% PEG-300			
A9	1,B3	0.1M CHES pH 9.5, 40% (v/v) MPD			
A10	1,B4	0.1 M Bicine pH 9.0, 1.6 M Ammonium Sulfate			
A11	1,B5	0.1 M Bicine pH 9.0, 0.8 M Ammonium Sulfate			
A12	1,B6	0.1 M Bicine pH 9.0, 2.4 M Ammonium Sulfate			
B1	1,C1	0.1 M Bicine pH 9.0, 10% PEG 6000			
B2	1,C2	0.1 M Bicine pH 9.0, 2.4 M Ammonium Sulfate			
B3	1,C3	0.1 M Bicine pH 9.0, 30% PEG 6000			
B4	1,C4	0.1 M Bicine pH 9.0, 65% MPD			
B5	1,C5	2.0 M Magnesium chloride, 0.1 M Bicine pH 9.0			
B6	1,C6	0.1 M Tris pH 8.5, 10% 2-propanol			
B7	1,D1	0.2 M Magnesium chloride, 0.1M Tris pH 8.5, 50% ethylene glycol			
B8	1,D2	0.2 M Magnesium chloride, 0.1M Tris pH 8.5, 25% (v/v) 1,2-propanediol, 10% (v/v) glycerol			
B9	1,D3	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 30% PEG 4000			
B10	1,D4	0.2 M Sodium citrate, 0.1 M Tris pH 8.5, 30% PEG 400			
B11	1,D5	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 30% PEG-4000			
B12	1,D6	0.2 M Ammonium acetate, 0.1 M Tris-HCl pH 8.5, 30% isopropanol			
C1	2,A1	0.1 M Tris pH 8.5, 1.5 M Ammonium sulfate, 12% Glycerol			
C2	2,A2	0.2 M Sodium citrate, 0.1 M Tris pH 8.5, 30% PEG 400			
C3	2,A3	0.17 M Sodium acetate, 0.085 M Tris pH 8.5, 25.5% PEG 4000, 15% Glycerol			
C4	2,A4	0.1 M imidazole pH 8.0, 10% isopropanol			
C5	2,A5	2.5 M Sodium chloride, 0.2 M Zinc acetate, 0.1 M imidazole pH 8.0			
C6	2,A6	2.5 M Sodium chloride, 0.1 M imidazole pH 8.0			
C7	2,B1	0.1 M imidazole pH 8.0, 10% PEG 8000			
C8	2,B2	1.0 M Ammonium hydrogen phosphate, 0.1 M imidazol pH 8.0, 0.2 M Zinc acetate			
C9	2,B3	0.1 M Tris pH 8.0, 1.6 M Ammonium Sulfate			
C10	2,B4	0.1 M Tris pH 8.0, 5% PEG 6000			
C11	2,B5	0.1 M Tris pH 8.0, 65% MPD			
C12	2,B6	1.0 M Lithium chloride, 0.1 M Tris pH 8.0, 10% PEG 6000			
D1	2,C1	0.1 M Tris pH 8.0, 2.4 M Ammonium Sulfate			
D2	2,C2	0.1 M HEPES pH 7.5, 1.26 M Ammonium sulfate			
D3	2,C3	0.2 M Sodium chloride, 0.1 M HEPES pH 7.5, 35% MPD			
D4	2,C4	0.1M HEPES pH 7.5, 50% (v/v) PEG-200			
D5	2,C5	1.5 M Lithium sulfate, 0.1 M HEPES pH 7.5			
D6	2,C6	4.3 M Sodium chloride, 0.1 M HEPES pH 7.5			
D7	2,D1	0.2 M Sodium citrate, 0.1 M HEPES pH 7.5, 30% MPD			
D8	2,D2	0.1 M HEPES pH 7.5, 20% PEG-10000, 8% ethylene glycol			
D9	2,D3	1.26 M tri-Sodium citrate, 0.09 M HEPES pH 7.5, 10% Glycerol			
D10	2,D4	0.085 M HEPES pH 7.5, 1.7% PEG-400/1.7 M Ammonium sulfate, 15% Glycerol			
D11	2,D5	0.05 M Lithium sulfate, 0.1M HEPES pH 7.5, 30% PEG-600, 10% glycerol			
D12	2,D6	0.1M HEPES pH 7.5, 30% (v/v) 1,2-propanediol, 20% (v/v) PEG-400			

Location	Crystallization condition				
E1	3,A1	0.2 M Ammonium sulfate, 0.1M Tris pH 7.0, 25% (v/v) 1,2-propanediol, 10% (v/v) glycerol			
E2	3,A2	0.1M HEPES pH 7.5, 5% (w/v) PEG-3000, 40% ethylene glycol			
E3	3,A3	0.1M Tris pH 7.0, 0.2 M Ammonium sulfate, 40% MPD			
E4	3,A4	4.0 M Sodium formate			
E5	3,A5	3.6 M Sodium formate, 10% Glycerol			
E6	3,A6	0.2 M Calcium acetate, 0.1M HEPES pH 7.5, 40% (v/v) PEG-400			
E7	3,B1	0.2 M Sodium chloride, 0.1 M Tris pH 7.0, 30% PEG 3000			
E8	3,B2	1.0 M Sodium/Potassium tartrate, 0.2 M Lithium sulfate, 0.1 M Tris pH 7.0			
E9	3,B3	0.2 M Calcium acetate, 0.1M Cacodylate pH 6.5, 40% PEG-600			
E10	3,B4	0.1 M HEPES pH 7.0, 0.8 M Ammonium Sulfate			
E11	3,B5	0.1 M HEPES pH 7.0, 2.4 M Ammonium Sulfate			
E12	3,B6	0.1 M HEPES pH 7.0, 30% PEG 6000			
F1	3,C1	1.0 M Lithium chloride, 0.1 M HEPES pH 7.0			
F2	3,C2	1 M Sodium chloride, 0.1M cacodylate pH 6.5, 30% (v/v) PEG-600, 10% (v/v) glycerol			
F3	3,C3	0.2 M Zinc acetate, 0.1 M cacodylate pH 6.5, 10% isopropanol			
F4	3,C4	0.2 M Calcium acetate, 0.1M Cacodylate pH 6.5, 45% (v/v) glycerol			
F5	3,C5	0.1 M HEPES pH 7 , 30% v/v Jeffamine M-600 pH 7.0			
F6	3,C6	2.0 M NaCl, 0.1 M Na/K phosphate, 0.1 M MES pH 6.5			
F7	3,D1	0.16 M Zinc acetate, 0.108 M Sodium cacodylate pH 6.5, 14.4% PEG 8000, 20% Glycerol			
F8	3,D2	0.1M Citrate pH 5.5, 30% 1,2-propanediol, 20% MPD			
F9	3,D3	0.2 M Zinc Acetate dihydrate, 20% w/v PEG 3350			
F10	3,D4	0.1M Citrate pH 5.5, 5% (w/v) PEG-1000, 35% 2-propanol			
F11	3,D5	10% glycerol, 0.1M MES pH 6.0, 30% PEG-600, 5% (w/v) PEG-1000			
F12	3,D6	0.1M Citrate pH 5.5, 40% (v/v) MPD			
G1	4,A1	0.2 M Zinc acetate, 0.1M Imidazole pH 8.0, 35% (v/v) 2-propanol			
G2	4,A2	1.0 M Sodium/Potassium tartrate, 0.1 M MES pH 6.0			
G3	4,A3	0.2 M Lithium sulfate, 0.1 M MES pH 6.0, 20% Butanediol			
G4	4,A4	0.2 M Zinc acetate, 0.1 M MES pH 6.0, 15% ethanol			
G5	4,A5	0.1 M MES pH 6.0, 1.6 M Ammonium Sulfate			
G6	4,A6	0.1 M MES pH 6.0, 30% PEG 6000			
G7	4,B1	0.2 M Zinc acetate, 0.1M Imidazole pH 8.0, 40% (v/v) PEG-300			
G8	4,B2	0.2 M Ammonium acetate, 0.1 M citrate pH 5.6, 30% MPD			
G9	4,B3	0.01 M FeCl ₂ , 0.1 M citrate pH 5.6, 10% Jeffamine M-600			
G10	4,B4	0.7 M Ammonium dihydrogenphosphate, 0.07 M Citrate pH 5.6, 30% Glycerol			
G11	4,B5	0.2 M Lithium sulfate, 0.1 M citrate pH 5.5, 15% Ethanol			
G12	4,B6	0.05 M Calcium acetate, 0.1M Acetate pH 4.5, 40% 1,2-propanediol			
H1	4,C1	0.1M Acetate pH 4.5, 35% (v/v) 2-propanol			
H2	4,C2	0.2 M Ammonium acetate, 0.1 M acetate pH 4.6, 30% PEG 4000			
H3	4,C3	0.17 M Ammonium acetate, 0.085 M acetate pH 4.6, 25.5% PEG 4000, 15% Glycerol			
H4	4,C4	0.2 M Zinc acetate, 0.1 M acetate pH 4.5, 20% PEG 1000			
H5	4,C5	1.0 M Ammonium hydrogen phosphate, 0.1 M acetate pH 4.5			
H6	4,C6	0.8 M Na dihydrogen phosphate/1.2 M dipotassium hydrogen phosphate, 0.1 M acetate pH 4.5			
H7	4,D1	0.1M Phosphate-citrate pH 4.2, 0.2 M Ammonium sulfate, 40% (v/v) ethylene glycol			
H8	4,D2	1.5 M Sodium chloride, 10% Ethanol			
H9	4,D3	1.5 M Ammonium sulfate, 25% Glycerol			
H10	4,D4	1.6 M Na dihydrogen phosphate/0.4 M dipotassium hydrogen phosphate, 0.1 M phosphate-citrate pH 4.2			
H11	4,D5	0.1 M Citric Acid pH 4.0, 30% PEG 6000			
H12	4,D6	1.0 M Lithium chloride, 0.1 M Citric Acid pH 4.0, 30% PEG 6000			

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