Scoring Sheet — The JCSG Core IV Suite

Date:	Protein:	Protein vol.:	µl
Operator:	Buffer:	Solution vol.:	µl
Plate ID:	Additives:	Additive vol.:	µl

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	0.2 M Lithium sulfate, 0.1 M Glycine pH 10.5, 1.2 M Sodium dihydrogen phosphate/ 0.8 M di-Potassium hydrogen phosphate					
A3	1,A3	0.1M CAPS pH 10.5, 40% (v/v) MPD					
A4	1,A4	0.1 M CHES pH 9.5, 10% (w/v) PEG 3000					
A5	1,A5	0.2 M Lithium sulfate, 0.1 M CHES pH 9.5, 1.0 M Sodium/Potassium tartrate					
A6	1,A6	0.1 M CHES pH 9.5, 30% (v/v) PEG 400					
A7	1,B1	0.1 M CHES pH 9.5, 15% (v/v) Ethanol					
A8	1,B2	0.2 M Sodium citrate, 0.1M CHES pH 9.5, 40% (v/v) 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 8.5, 10% (w/v) 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 8.5, 30% (w/v) PEG 6000					
B4	1,C4	0.1 M Bicine pH 8.5, 65% (v/v) MPD					
B5	1,C5	0.1 M Bicine pH 9.0, 2.0 M Magnesium chloride					
B6	1,C6	0.1 M Tris pH 8.5, 10% (v/v) Isopropanol					
B7	1,D1	0.2 M Magnesium chloride, 0.1M Tris pH 8.5, 50% (v/v) 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·HCl pH 8.5, 30% (w/v) PEG 4000					
B10	1,D4	0.2 M Sodium citrate, 0.1 M Tris·HCl pH 8.5, 30% (v/v) PEG 400					
B11	1,D5	0.2 M Lithium sulfate, 0.1 M Tris·HCl pH 8.5, 30% (w/v) PEG 4000					
B12	1,D6	0.2 M Ammonium acetate, 0.1 M Tris·HCl pH 8.5, 30% (v/v) Isopropanol					
C1	2,A1	0.1 M Tris pH 8.5, 1.5 M Ammonium sulfate, 12% (v/v) Glycerol					
C2	2,A2	0.18 M Sodium citrate, 0.09 M Tris·HCl pH 8.5, 27% (v/v) PEG 400, 10% (v/v) Glycerol					
C3	2,A3	0.17 M Sodium acetate, 0.085 M Tris·HCl pH 8.5, 25.5% (w/v) PEG 4000, 15% (v/v) Glycerol					
C4	2,A4	0.1 M Imidazole pH 8.0, 10% (v/v) Isopropanol					
C5	2,A5	0.2 M Zinc acetate, 0.1 M Imidazole pH 8.0, 2.5 M Sodium chloride					
C6	2,A6	0.1 M Imidazole pH 8.0, 2.5 M Sodium chloride					
C7	2,B1	0.1 M Imidazole pH 8.0, 10% (w/v) PEG 8000					
C8	2,B2	0.2 M Sodium chloride, 0.1 M Imidazole pH 8.0, 1.0 M di-Ammonium phosphate					
C9	2,B3	0.1 M Tris pH 8.5, 1.6 M Ammonium sulfate					
C10	2,B4	0.1 M Tris pH 8.5, 5% (w/v) PEG 6000					
C11	2,B5	0.1 M Tris pH 8.5, 65% (v/v) MPD					
C12	2,B6	1.0 M Lithium chloride, 0.1 M Tris pH 8.5, 10% (w/v) PEG 6000					
D1	2,C1	0.1 M Tris pH 8.0, 3.2 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% (v/v) MPD					
D4	2,C4	0.1M HEPES pH 7.5, 50% (v/v) PEG 200					
D5	2,C5	0.1 M HEPES pH 7.5, 1.5 M Lithium sulfate					
D6	2,C6	0.1 M HEPES pH 7.5, 4.3 M Sodium chloride					
D7	2,D1	0.2 M Sodium citrate, 0.1 M HEPES pH 7.5, 30% (v/v) MPD					
D8	2,D2	0.1 M HEPES pH 7.5, 20% (w/v) PEG 10000, 8% (v/v) Ethylene glycol					
D9	2,D3	0.09 M HEPES pH 7.5, 1.26 M tri-Sodium citrate, 10% (v/v) Glycerol					
D10	2,D4	1.7 M Ammonium sulfate, 0.085 M HEPES pH 7.5, 1.7% (v/v) PEG 400, 15% (v/v) Glycerol					
D11	2,D5	0.05 M Lithium sulfate, 0.1M HEPES pH 7.5, 30% (v/v) PEG 600, 10% (v/v) Glycerol					
D12	2,D6	0.1M HEPES pH 7.5, 30% (v/v) 1,2-Propanediol, 20% (v/v) PEG 400					

Date of observation

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% (v/v) Ethylene glycol					
E3	3,A3	0.2 M Ammonium sulfate, 0.1M Tris pH 7.0, 40% (v/v) MPD					
E4	3,A4	4.0 M Sodium formate					
E5	3,A5	3.6 M Sodium formate, 10% (v/v) 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% (w/v) PEG 3000					
E8	3,B2	0.2 M Lithium sulfate, 0.1 M Tris pH 7.0, 1.0 M Sodium/Potassium tartrate					
E9	3,B3	0.2 M Calcium acetate, 0.1M Sodium cacodylate pH 6.5, 40% (v/v) PEG 600					
E10	3,B4	0.1 M HEPES pH 6.5, 0.8 M Ammonium sulfate					
E11	3,B5	0.1 M HEPES pH 7.0, 3.2 M Ammonium sulfate					
E12	3,B6	0.1 M HEPES pH 6.5, 30% (w/v) 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 Sodium cacodylate pH 6.5, 30% (v/v) PEG 600, 10% (v/v) Glycerol					
F3	3,C3	0.2 M Zinc acetate, 0.1 M Sodium cacodylate pH 6.5, 10% (v/v) Isopropanol					
F4	3,C4	0.2 M Calcium acetate, 0.1M Sodium cacodylate pH 6.5, 45% (v/v) Glycerol					
F5	3,C5	0.1 M HEPES pH 7.0, 30% (v/v) Jeffamine M-600					
F6	3,C6	0.1 M Sodium dihydrogen phosphate/ 0.1 M potassium dihydrogen phosphate, 0.1 M MES pH 6.5, 2.0 M Sodium chloride					
F7	3,D1	0.16 M Zinc acetate, 0.08 M Sodium cacodylate pH 6.5, 14.4% (w/v) PEG 8000, 20% (v/v) Glycerol					
F8	3,D2	0.1M Sodium citrate pH 5.5, 30% (v/v) 1,2-Propanediol, 20% (v/v) MPD					
F9	3,D3	0.2 M Zinc acetate, 20% (w/v) PEG 3350					
F10	3,D4	0.1M Sodium citrate pH 5.5, 5% (w/v) PEG 1000, 35% (v/v) Isopropanol					
F11	3,D5	0.1M MES pH 6.0, 30% (v/v) PEG 600, 5% (w/v) PEG 1000, 10% (v/v) Glycerol					
F12	3,D6	0.1M Sodium 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) Isopropanol					
G2	4,A2	0.1 M MES pH 6.0, 1.0 M Sodium/Potassium tartrate					
G3	4,A3	0.2 M Lithium sulfate, 0.1 M MES pH 6.0, 20% (v/v) Butanediol					
G4	4,A4	0.2 M Zinc acetate, 0.1 M MES pH 6.0, 15% (v/v) Ethanol					
G5	4,A5	0.1 M MES pH 5.0, 1.6 M Ammonium sulfate					
G6	4,A6	0.1 M MES pH 5.0, 30% (w/v) 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 Sodium citrate pH 5.6, 30% (v/v) MPD					
G9	4,B3	0.01 M Iron(II)chloride, 0.1 M Sodium citrate pH 5.6, 10% (v/v) Jeffamine M-600					
G10	4,B4	0.7 M Ammonium dihydrogen phosphate, 0.07 M Sodium citrate pH 5.6, 30% (v/v) Glycerol					
G11	4,B5	0.2 M Lithium sulfate, 0.1 M Sodium citrate pH 5.5, 15% (v/v) Ethanol					
G12	4,B6	0.05 M Calcium acetate, 0.1M Sodium acetate pH 4.5, 40% (v/v) 1,2-Propanediol					
H1	4,C1	0.1M Sodium acetate pH 4.5, 35% (v/v) Isopropanol					
H2	4,C2	0.2 M Ammonium acetate, 0.1 M Sodium acetate pH 4.6, 30% (w/v) PEG 4000					
H3	4,C3	0.17 M Ammonium acetate, 0.085 M Sodium acetate pH 4.6, 25.5% (w/v) PEG 4000, 15% (v/v) Glycerol					
H4	4,C4	0.2 M Zinc acetate, 0.1 M Sodium acetate pH 4.5, 20% (w/v) PEG 1000					
H5	4,C5	0.1 M Sodium acetate pH 4.5, 1.0 M di-Ammonium phosphate					
H6	4,C6	0.1 M Sodium acetate pH 4.5, 0.8 M Sodium dihydrogen phosphate/ 1.2 M di-Potassium hydrogen phosphate					
H7	4,D1	0.2 M Ammonium sulfate, 0.1M Phosphate-citrate pH 4.2, 40% (v/v) Ethylene glycol					
H8	4,D2	10% (v/v) Ethanol, 1.5 M Sodium chloride					
H9	4,D3	1.5 M Ammonium sulfate, 25% (v/v) Glycerol					
H10	4,D4	0.1 M Phosphate-citrate pH 4.2, 1.6 M Sodium dihydrogen phosphate/ 0.4 M di-Potassium hydrogen phosphate					
H11	4,D5	0.1 M Citric Acid pH 2.5, 30% (w/v) PEG 6000					
H12	4,D6	1.0 M Lithium chloride, 0.1 M Citric Acid, 30% (w/v) PEG 6000					

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