

Helsinki Random Screen 2

The crystallisation conditions are divided into two classes according to the main precipitant of the well. This helps in interpreting the results; by checking whether all the hits are in the same class of precipitant or whether hits are scored with different precipitants makes it easier to design new crystallisation trials. The classes are

- 1) Viscous organic precipitants; in grey colour and marked with the letter **V**
- 2) Salt precipitants; in turquoise and marked with the letter **S**

	Class	Well	Buffer	Salt Precipitant	Organic Precipitant
1	S	A1	0.1 M Citric Acid pH 3.5	2 M Ammonium Sulfate	
2	S	A2	0.1 M Sodium Acetate pH 4.5	2 M Ammonium Sulfate	
3	S	A3	0.1 M Bis-Tris pH 5.5	2 M Ammonium Sulfate	
4	S	A4	0.1 M Bis-Tris pH 6.5	2 M Ammonium Sulfate	
5	S	A5	0.1 M HEPES pH 7.5	2 M Ammonium Sulfate	
6	S	A6	0.1 M Tris pH 8.5	2 M Ammonium Sulfate	
7	S	A7	0.1 M Citric Acid pH 3.5	3 M Sodium Chloride	
8	S	A8	0.1 M Sodium Acetate pH 4.5	3 M Sodium Chloride	
9	S	A9	0.1 M Bis-Tris pH 5.5	3 M Sodium Chloride	
10	S	A10	0.1 M Bis-Tris pH 6.5	3 M Sodium Chloride	
11	S	A11	0.1 M HEPES pH 7.5	3 M Sodium Chloride	
12	S	A12	0.1 M Tris pH 8.5	3 M Sodium Chloride	
13	S	B1	0.1 M Bis-Tris pH 5.5	0.3 M Magnesium Formate	
14	S	B2	0.1 M Bis-Tris pH 6.5	0.5 M Magnesium Formate	
15	S	B3	0.1 M HEPES pH 7.5	0.5 M Magnesium Formate	
16	S	B4	0.1 M Tris pH 8.5	0.3 M Magnesium Formate	
17	S	B5		1.4 M Sodium Potassium Phosphate pH 5.6	
18	S	B6		1.4 M Sodium Potassium Phosphate pH 6.9	
19	S	B7		1.4 M Sodium Potassium Phosphate pH 8.2	
20	S	B8	0.1 M HEPES pH 7.5	1.4 M Sodium Citrate	
21	S	B9		1.8 M Ammonium Citrate pH 7.0	
22	S	B10		0.8 M Succinic Acid pH 7.0	
23	S	B11		2.1 M DL-Malic Acid pH 7.0	
24	S	B12		2.8 M Sodium Acetate pH 7.0	
25	S	C1		3.5 M Sodium Formate pH 7.0	
26	S	C2		1.1 M Ammonium Tartrate pH 7.0	
27	S	C3		2.4 M Sodium Malonate pH 7.0	
28	S	C4		35% Tacsimate pH 7.0	
29	S	C5		60% Tacsimate pH 7.0	
30	S	C6	0.1 M Bis-Tris pH 6.5	0.1 M Na Chloride, 1.5 M Ammonium Sulfate	
31	S	C7	0.1 M Tris pH 8.5	0.8 M Potassium Sodium Tartrate	0.5% PEG MME 5000
32	S	C8	0.1 M Bis-Tris pH 5.5	1 M Ammonium sulfate	1% PEG 3350

	Class Well Buffer		Salt Precipitant	Organic Precipitant	
33	S	C9	0.1 M HEPES pH 7.0	1.1 M Sodium Malonate pH 7.0	0.5% Jeffamine ED-2001 pH 7.0
34	S	C10	0.1 M HEPES pH 7.0	1 M Succinic Acid pH 7.0	1% PEG MME 2000
35	S	C11	0.1 M HEPES pH 7.0	1 M Ammonium Sulfate	0.5% PEG 8000
36	S	C12	0.1 M HEPES pH 7.0	15% Tacsimate pH 7.0	2% PEG 3350
37	V	D1			25% PEG 1500
38	V	D2	0.1 M HEPES pH 7.0		30% Jeffamine M-600 pH 7.0
39	V	D3	0.1 M HEPES pH 7.0		30% Jeffamine ED-2001 pH 7.0
40	V	D4	0.1 M Citric Acid pH 3.5		25% PEG 3350
41	V	D5	0.1 M Sodium Acetate pH 4.		25% PEG 3350
42	V	D6	0.1 M Bis-Tris pH 5.5		25% PEG 3350
43	V	D7	0.1 M Bis-Tris pH 6.5		25% PEG 3350
44	V	D8	0.1 M HEPES pH 7.0		25% PEG 3350
45	V	D9	0.1 M Tris pH 8.5		25% PEG 3350
46	V	D10	0.1 M Bis-Tris pH 6.5		20% PEG MME 5000
47	V	D11	0.1 M Bis-Tris pH 6.5		28% PEG MME 2000
48	V	D12	0.1 M Bis-Tris pH 5.5	0.2 M Calcium Chloride	45% MPD
49	V	E1	0.1 M Bis-Tris pH 6.5	0.2 M Calcium Chloride	45% MPD
50	V	E2	0.1 M Bis-Tris pH 5.5	0.2 M Ammonium Acetate	45% MPD
51	V	E3	0.1 M Bis-Tris pH 6.5	0.2 M Ammonium Acetate	45% MPD
52	V	E4	0.1 M HEPES pH 7.5	0.2 M Ammonium Acetate	45% MPD
53	V	E5	0.1 M Tris pH 8.5	0.2 M Ammonium Acetate	45% MPD
54	V	E6	0.1 M Bis-Tris pH 6.5	0.05 M Calcium Chloride	30% PEG MME 550
55	V	E7	0.1 M HEPES pH 7.5	0.05 M Magnesium Chloride	30% PEG MME 550
56	V	E8	0.05 M HEPES pH 7.5	0.2 M Potassium Chloride	35 % Pentaerythritol Propoxylate (5/4 PO/OH)
57	V	E9	0.05 M Bis-Tris pH 6.5	0.05 M Ammonium Sulfate	30% Pentaerythritol Ethoxylate (15/4 EO/OH)
58	V	E10	0.1 M Bis-Tris pH 6.5		45% Polypropylene Glycol P 400
59	V	E11	0.1 M HEPES pH 7.5	0.02 M Magnesium Chloride	22% Polyacrylic Acid 5100 Sodium Salt
60	V	E12	0.1 M Tris pH 8.5	0.01 M Cobalt Chloride	20% Polyvinylpyrrolidone K15
61	V	F1	0.1 M HEPES pH 7.5		0.2 M Proline, 10% PEG 3350
62	V	F2	0.1 M Tris pH 8.5		20% PEG MME 2000, 0.2 M Trimethylamine N-oxide
63	V	F3	0.1 M HEPES pH 7.0	5% Tacsimate	10% PEG MME 5000
64	V	F4	0.1 M HEPES pH 7.5	0.005 M Cobalt Chloride, 0.005 M Nickel(II) Chloride, 0.005 M Cadmium Chloride, 0.005 M Magnesium Chloride	12% PEG 3350
65	V	F5	0.1 M Bis-Tris pH 5.5	0.1 M Ammonium Acetate	17% PEG 10,000
66	V	F6	0.1 M Bis-Tris pH 5.5	0.2 M Ammonium Sulfate	25% PEG 3350
67	V	F7	0.1 M Bis-Tris pH 6.5	0.2 M Ammonium Sulfate	25% PEG 3350
68	V	F8	0.1 M HEPES pH 7.5	0.2 M Ammonium Sulfate	25% PEG 3350
69	V	F9	0.1 M Tris pH 8.5	0.2 M Ammonium Sulfate	25% PEG 3350
70	V	F10	0.1 M Bis-Tris pH 5.5	0.2 M Sodium Chloride	25% PEG 3350
71	V	F11	0.1 M Bis-Tris pH 6.5	0.2 M Sodium Chloride	25% PEG 3350
72	V	F12	0.1 M HEPES pH 7.5	0.2 M Sodium Chloride	25% PEG 3350
73	V	G1	0.1 M Tris pH 8.5	0.2 M Sodium Chloride	25% PEG 3350
74	V	G2	0.1 M Bis-Tris pH 5.5	0.2 M Lithium Sulfate	25% PEG 3350
75	V	G3	0.1 M Bis-Tris pH 6.5	0.2 M Lithium Sulfate	25% PEG 3350
76	V	G4	0.1 M HEPES pH 7.5	0.2 M Lithium Sulfate	25% PEG 3350

	Class Well Buffer			Salt Precipitant	Organic Precipitant
77	V	G5	0.1 M Tris pH 8.5	0.2 M Lithium Sulfate	25% PEG 3350
78	V	G6	0.1 M Bis-Tris pH 5.5	0.2 M Ammonium Acetate	25% PEG 3350
79	V	G7	0.1 M Bis-Tris pH 6.5	0.2 M Ammonium Acetate	25% PEG 3350
80	V	G8	0.1 M HEPES pH 7.5	0.2 M Ammonium Acetate	25% PEG 3350
81	V	G9	0.1 M Tris pH 8.5	0.2 M Ammonium Acetate	25% PEG 3350
82	V	G10	0.1 M Bis-Tris pH 5.5	0.2 M Magnesium Chloride	25% PEG 3350
83	V	G11	0.1 M Bis-Tris pH 6.5	0.2 M Magnesium Chloride	25% PEG 3350
84	V	G12	0.1 M HEPES pH 7.5	0.2 M Magnesium Chloride	25% PEG 3350
85	V	H1	0.1 M Tris pH 8.5	0.2 M Magnesium Chloride	25% PEG 3350
86	V	H2		0.2 M Potassium Sodium Tartrate	20% PEG 3350
87	V	H3		0.2 M Sodium Malonate pH 7.0	20% PEG 3350
88	V	H4		0.2 M Ammonium Citrate pH 7.0	20% PEG 3350
89	V	H5		0.1 M Succinic Acid pH 7.0	15% PEG 3350
90	V	H6		0.2 M Sodium Formate	20% PEG 3350
91	V	H7		0.15 M DL-Malic Acid pH 7.0	20% PEG 3350
92	V	H8		0.1 M Magnesium Formate	15%PEG 3350
93	V	H9		0.05 M Zinc Acetate	20% PEG 3350
94	V	H10		0.2 M Sodium Citrate	20% PEG 3350
95	V	H11		0.1 M Potassium Thiocyanate	30% PEG MME 2000
96	V	H12		0.15 M Potassium Bromide	30% PEG MME 2000