Tray #_____ **Sample**_____ **Sample Concentration**_____
Sample Buffer:_____ **Date**_____
Reservoir volume_____ **Temperature**_____
Drop Volume (Total)_____**Sample**_____ **Reservoir** _____**Additive**_____

1. Clear Drop
2. Phase Separation
3. Regular Granular Precipitation
4. Birefringent Precipitate or Microcrystals
5. Rosettes / Spherulites
6. Needles (1D Growth)
7. Plates (2D Growth)
8. Single Crystals (3D < 2mm)
9. Single Crystals (3D > 2m

	N	Wizard I Screen (all buffers 0.1M; all salts 0.2M)	Date:	Date:	Date:
A1	**1**	20% (w/v) PEG-8000 CHES pH 9.5			
A2	**2**	10% (v/v) 2-propanol HEPES pH 7.5 NaCl			
A3	**3**	15% (v/v) ethanol CHES pH 9.5			
A4	**4**	35% (v/v) 2-methyl-2,4-pentanediol; imidazole pH 8.0; $MgCl_2$			
A5	**5**	30% (v/v) PEG-400; CAPS pH 10.5			
A6	**6**	20% (w/v) PEG-3000; citrate pH 5.5			
A7	**7**	10% (w/v) PEG-8000 MES pH 6.0; $Zn(OAc)_2$			
A8	**8**	2.0 M $(NH_4)_2SO_4$; citrate pH 5.5			
A9	**9**	1.0 M $(NH_4)_2HPO_4$; acetate pH 4.5			
A10	**10**	20% (w/v) PEG-2000 MME; Tris pH 7.0			
A11	**11**	20% (v/v) 1,4-butanediol; MES pH 6.0; Li_2SO_4			
A12	**12**	20% (w/v) PEG-1000; imidazole pH 8.0; $Ca(OAc)_2$			
B1	**13**	1.26 M $(NH_4)_2SO_4$; cacodylate pH 6.5			
B2	**14**	1.0 M sodium citrate; cacodylate pH 6.5			
B3	**15**	10% (w/v) PEG-3000; imidazole pH 8.0; Li_2SO_4			
B4	**16**	2.5 M NaCl; Na/K phosphate pH 6.2			
B5	**17**	30% (w/v) PEG-8000; acetate pH 4.5; Li_2SO_4			
B6	**18**	1.0 M K/Na tartrate; imidazole pH 8.0; NaCl			
B7	**19**	20% (w/v) PEG-1000; Tris pH 7.0			
B8	**20**	0.4 M NaH_2PO_4/1.6 M K_2HPO_4; imidazole pH 8.0; NaCl			
B9	**21**	20% (w/v) PEG-8000; HEPES pH 7.5			
B10	**22**	10% (v/v) 2-propanol; Tris pH 8.5			
B11	**23**	15% (v/v) ethanol; imidazole pH 8.0; $MgCl_2$			
B12	**24**	35% (v/v) 2-methyl-2,4-pentanediol; Tris pH 7.0; NaCl			
C1	**25**	30% (v/v) PEG-400; Tris pH 8.5; $MgCl_2$			
C2	**26**	10% (w/v) PEG-3000; CHES pH 9.5			
C3	**27**	1.2 M NaH_2PO_4/0.8 M K_2HPO_4; CAPS pH 10.5; Li_2SO_4			
C4	**28**	20% (w/v) PEG-3000; HEPES pH 7.5; NaCl			
C5	**29**	10% (w/v) PEG-8000; CHES pH 9.5; NaCl			
C6	**30**	1.26 M $(NH_4)_2SO_4$; acetate pH 4.5; NaCl			
C7	**31**	20% (w/v) PEG-8000; phosphate-citrate pH 4.2; NaCl			
C8	**32**	10% (w/v) PEG-3000; Na/K phosphate pH 6.2			
C9	**33**	2.0 M $(NH_4)_2SO_4$; CAPS pH 10.5; Li_2SO_4			
C10	**34**	1.0 M $(NH_4)_2HPO_4$; imidazole pH 8.0			
C11	**35**	20% (v/v) 1,4-butanediol; acetate pH 4.5			
C12	**36**	1.0 M sodium citrate; imidazole pH 8.0			
D1	**37**	2.5 M NaCl; imidazole pH 8.0			
D2	**38**	1.0 M K/Na tartrate; CHES pH 9.5; Li_2SO_4			
D3	**39**	20% (w/v) PEG-1000; phosphate-citrate pH 4.2; Li_2SO_4			
D4	**40**	10% (v/v) 2-propanol; MES pH 6.0; $Ca(OAc)_2$			
D5	**41**	30% (w/v) PEG-3000; CHES pH 9.5			
D6	**42**	15% (v/v) ethanol; Tris pH 7.0			
D7	**43**	35% (v/v) 2-methyl-2,4-pentanediol; Na/K phosphate pH 6.2			
D8	**44**	30% (v/v) PEG-400; acetate pH 4.5; $Ca(OAc)_2$			
D9	**45**	20% (w/v) PEG-3000; acetate pH 4.5			
D10	**46**	10% (w/v) PEG-8000; imidazole pH 8.0; $Ca(OAc)_2$			
D11	**47**	1.26 M $(NH_4)_2SO_4$; Tris pH 8.5; Li_2SO_4			
D12	**48**	20% (w/v) PEG-1000; acetate pH 4.5; $Zn(OAc)_2$			

	N	Wizard II Screen (all buffers 0.1M; all salts 0.2M)	Date:	Date:	
E1	**1**	10% (w/v) PEG-3000; acetate pH 4.5; $Zn(OAc)_2$			
E2	**2**	35% (v/v) 2-methyl-2,4-pentanediol; MES pH 6.0; Li_2SO_4			
E3	**3**	20% (w/v) PEG-8000; Tris pH 8.5; $MgCl_2$			
E4	**4**	2.0 M $(NH_4)_2SO_4$; cacodylate pH 6.5; NaCl			
E5	**5**	20% (v/v) 1,4-butanediol; HEPES pH 7.5; NaCl			
E6	**6**	10% (v/v) 2-propanol; phosphate-citrate pH 4.2; Li_2SO_4			
E7	**7**	30% (w/v) PEG-3000; Tris pH 7.0; NaCl			
E8	**8**	10% (w/v) PEG-8000; Na/K phosphate pH 6.2; NaCl			
E9	**9**	2.0 M $(NH_4)_2SO_4$; phosphate-citrate pH 4.2			
E10	**10**	1.0 M $(NH_4)_2HPO_4$; Tris pH 8.5			
E11	**11**	10% (v/v) 2-propanol; cacodylate pH 6.5; $Zn(OAc)_2$			
E12	**12**	30% (v/v) PEG-400; cacodylate pH 6.5; Li_2SO_4			
F1	**13**	15% (v/v) ethanol; citrate pH 5.5; Li_2SO_4			
F2	**14**	20% (w/v) PEG-1000; Na/K phosphate pH 6.2; NaCl			
F3	**15**	1.26 M $(NH_4)_2SO_4$; HEPES pH 7.5			
F4	**16**	1.0 M sodium citrate; CHES pH 9.5			
F5	**17**	2.5 M NaCl; Tris pH 7.0; $MgCl_2$			
F6	**18**	20% (w/v) PEG-3000; Tris pH 7.0; $Ca(OAc)_2$			
F7	**19**	1.6 M NaH_2PO_4/0.4 M K_2HPO_4; phosphate-citrate pH 4.2			
F8	**20**	15% (v/v) ethanol; MES pH 6.0; $Zn(OAc)_2$			
F9	**21**	35% (v/v) 2-methyl-2,4-pentanediol; acetate pH 4.5			
F10	**22**	10% (v/v) 2-propanol; imidazole pH 8.0			
F11	**23**	15% (v/v) ethanol; HEPES pH 7.5; $MgCl_2$			
F12	**24**	30% (w/v) PEG-8000; imidazole pH 8.0; NaCl			
G1	**25**	35% (v/v) 2-methyl-2,4-pentanediol; HEPES pH 7.5; NaCl			
G2	**26**	30% (v/v) PEG-400; CHES pH 9.5			
G3	**27**	10% (w/v) PEG-3000; cacodylate pH 6.5; $MgCl_2$			
G4	**28**	20% (w/v) PEG-8000; MES pH 6.0; $Ca(OAc)_2$			
G5	**29**	1.26 M $(NH_4)_2SO_4$; CHES pH 9.5; NaCl			
G6	**30**	20% (v/v) 1,4-butanediol; imidazole pH 8.0; $Zn(OAc)_2$			
G7	**31**	1.0 M sodium citrate; Tris pH 7.0; NaCl			
G8	**32**	20% (w/v) PEG-1000; Tris pH 8.5			
G9	**33**	1.0 M $(NH_4)_2HPO_4$; citrate pH 5.5; NaCl			
G10	**34**	10% (w/v) PEG-8000; imidazole pH 8.0			
G11	**35**	0.8 M NaH_2PO_4/1.2 M K_2HPO_4; acetate pH 4.5			
G12	**36**	10% (w/v) PEG-3000; phosphate-citrate pH 4.2; NaCl			
H1	**37**	1.0 M K/Na tartrate; Tris pH 7.0; Li_2SO_4			
H2	**38**	2.5 M NaCl; acetate pH 4.5; Li_2SO_4			
H3	**39**	20% (w/v) PEG-8000; CAPS pH 10.5; NaCl			
H4	**40**	20% (w/v) PEG-3000; imidazole pH 8.0; $Zn(OAc)_2$			
H5	**41**	2.0 M $(NH_4)_2SO_4$; Tris pH 7.0; Li_2SO_4			
H6	**42**	30% (v/v) PEG-400; HEPES pH 7.5; NaCl			
H7	**43**	10% (w/v) PEG-8000; Tris pH 7.0; $MgCl_2$			
H8	**44**	20% (w/v) PEG-1000; cacodylate pH 6.5; $MgCl_2$			
H9	**45**	1.26 M $(NH_4)_2SO_4$; MES pH 6.0			
H10	**46**	1.0 M $(NH_4)_2HPO_4$; imidazole pH 8.0; NaCl			
H11	**47**	2.5 M NaCl; imidazole pH 8.0; $Zn(OAc)_2$			
H12	**48**	1.0 M K/Na tartrate; MES pH 6.0			