

Molecular Dimensions Structure Screen 2

Tray: Date: Temperature: Notes:
 Protein: Ligand: Drop size: Notes:

	1	2	3	4	5	6
A	30% w/v PEG-MME 550 0.1 M Sodium chloride 0.1 M Bicine pH 9.0	2.0 M MgCl ₂ 0.1 M Bicine pH 9.0	2% w/v Dioxane 10% w/v PEG 20000 0.1 M Bicine pH 9.0	3.4 M 1,6-Hexanediol 0.2 M MgCl ₂ 0.1 M Tris pH 8.5	25% v/v tert-Butanol 0.1 M Tris pH 8.5	1.0 M Li ₂ SO ₄ 0.01 M NiCl ₂ 0.1 M Tris pH 8.5
B	1.5 M (NH ₄) ₂ SO ₄ 12% v/v glycerol 0.1 M Tris pH 8.5	50% v/v MPD 0.2 M (NH ₄) ₂ PO ₄ 0.1 M Tris pH 8.5	20% v/v ethanol 0.1 M Tris pH 8.5	20% w/v PEG-MME 2000 0.01 M NiCl ₂ 0.1 M Tris pH 8.5	0.5 M (NH ₄) ₂ SO ₄ 30% v/v MPD 0.1 M Hepes pH 7.5	10% w/v PEG 6000 5% v/v MPD 0.1 M Hepes pH 7.5
C	20% v/v Jeffamine M-600 0.1 M Hepes pH 7.5	1.6 M (NH ₄) ₂ SO ₄ 0.1 M NaCl 0.1 M Hepes pH 7.5	2.0 M NH ₄ Formate 0.1 M Hepes pH 7.5	1.0 M Na acetate 0.05 M CdSO ₄ 0.1 M Hepes pH 7.5	70% v/v MPD 0.1 M Hepes pH 7.5	4.3 M NaCl 0.1 M Hepes pH 7.5
D	10% w/v PEG-8000 8% v/v Ethylene glycol 0.1 M Hepes pH 7.5	1.6 M Mg ₂ SO ₄ 0.1 M Mes pH 6.5	2.0 M NaCl 0.2 M K/NaPO ₄ 0.1 M Mes pH 6.5	12% PEG 20000 0.1 M Mes pH 6.5	1.6 M (NH ₄) ₂ SO ₄ 10% v/v dioxane 0.1 M Mes pH 6.5	30% v/v Jeffamine M-600 0.05 M CsCl ₂ 0.1 M Mes pH 6.5

Tray 1

	1	2	3	4	5	6
A	1.8 M (NH ₄) ₂ SO ₄ 0.01 M CoCl ₂ 0.1 M Mes pH 6.5	30% v/v PEG-MME 5000 0.2 M (NH ₄) ₂ SO ₄ 0.1 M Mes pH 6.5	25% w/v PEG-MME 550 0.01 M ZnSO ₄ 0.1 M Mes pH 6.5	20% w/v PEG 10000 0.1 M Na Citrate pH 5.6	2.0 M (NH ₄) ₂ SO ₄ 0.2 M K/Na Tartrate 0.1 M Na Citrate pH 5.6	1.0 M LiSO ₄ 0.5 M (NH ₄) ₂ SO ₄ 0.1 M Na Citrate pH 5.6
B	0.5 M NaCl 4% w/v polyethyleneimine 0.1 M Na citrate pH 5.6	35% t-butanol 0.1 M Na citrate pH 5.6	10% v/v Jeffamine M-600 0.01 M FeCl ₂ 0.1 M Na citrate pH 5.6	2.5 M 1,6-Hexanediol 0.01 M MnCl ₂ 0.1 M Na citrate pH 5.6	2.0 M NaCl 0.1 M Na acetate pH 4.6	30% v/v MPD 0.2 M NaCl 0.1 M Na acetate pH 4.6
C	1.0 M 1,6-hexanediol 0.01 M CoCl ₂ 0.1 M Na acetate pH 4.6	30% v/v PEG 400 0.1 M CdCl ₂ 0.1 M Na acetate pH 4.6	30% PEG-MME 2000 0.2 M (NH ₄) ₂ SO ₄ 0.1 M Na acetate pH 4.6	2.0 M NaCl 10% w/v PEG 6000 0.1 M Na acetate pH 4.6	0.5 M NaCl 0.01 M CTAB 0.1 M MgCl ₂	25% ethylene glycol
D	35% v/v dioxane	2.0 M (NH ₄) ₂ SO ₄ 5% v/v i-propanol	1.0 M imidazole pH 7.0	10% w/v PEG 1000 10% w/v PEG 8000	1.5 M NaCl 10% v/v ethanol	1.6 M Na Citrate pH 6.5

Tray 2