



Date:

Sample:

Conc:

Notes:

Well #	Tube Contents	Notes
A1	Water control -	
A2	PEG 20000 precipitant, 20% w/v	
A3	PEG 500 MME precipitant, 40% w/v	
A4	PEG 8000 precipitant, 20% w/v	
A5	Ethylene glycol cryoprotectant, 40% v/v	
A6	PEG 4000 precipitant, 20% w/v	
A7	Glycerol cryoprotectant, 40% v/v	
A8	MPD cryoprotectant, 25% v/v	
A9	PEG 1000 precipitant, 25% w/v	
A10	PEG 3350 precipitant, 25% w/v	
A11	MES monohydrate buffer (acid), 0.5M	
A12	Imidazole buffer (base), 0.5M	
B1	MOPS buffer (acid), 0.5M	
B2	Sodium HEPES buffer (base), 0.5M	
B3	BICINE buffer (acid), 0.5M	
B4	Trizma® base buffer (base), 0.5M	
B5	Magnesium chloride hexahydrate nucleant, 0.6M	
B6	Calcium chloride dihydrate nucleant, 0.6M	
B7	Sodium fluoride phasing, 0.6M	
B8	Sodium bromide phasing, 0.6M	
B9	Sodium iodide phasing, 0.6M	
B10	Sodium nitrate precipitant, 0.6M	
B11	Sodium phosphate dibasic dihydrate precipitant, 0.3M	
B12	Ammonium sulfate precipitant, 0.6M	

Morpheus Additive Screen MD1-93

Well #	Tube Contents	Notes
C1	1-Butanol precipitant, 0.4M	
C2	1,4-Butanediol precipitant, 0.4M	
C3	1,2-Propanediol precipitant, 0.4M	
C4	1,3-Propanediol precipitant, 0.4M	
C5	2-Propanol precipitant, 0.4M	
C6	1,6-Hexanediol precipitant, 0.4M	
C7	Diethylene glycol precipitant, 0.6M	
C8	Triethylene glycol precipitant, 0.6M	
C9	Tetraethylene glycol precipitant, 0.6M	
C10	Pentaethylene glycol precipitant, 0.6M	
C11	N-Acetyl-D-glucosamine stabilizer, 0.4M	
C12	Fucose stabilizer, 0.4M	
D1	D-Galactose stabilizer, 0.4M	
D2	D-Glucose stabilizer, 0.4M	
D3	D-Xylose stabilizer, 0.4M	
D4	D-Mannose stabilizer, 0.4M	
D5	Ammonium acetate precipitant, 0.4M	
D6	Sodium oxamate precipitant, 0.4M	
D7	Sodium formate precipitant, 0.4M	
D8	Potassium sodium tartrate tetrahydrate precipitant, 0.4M	
D9	Sodium citrate tribasic dihydrate precipitant, 0.4M	
D10	DL-Glutamic acid monohydrate stabilizer, 0.4M	
D11	DL-Lysine monohydrochloride stabilizer, 0.4M	
D12	DL-Alanine stabilizer, 0.4M	

Morpheus Additive Screen MD1-93

Well #	Tube Contents	Notes
E1	Glycine stabilizer, 0.4M	
E2	DL-Serine stabilizer, 0.4M	
E3	PEG 3000 precipitant, 30% w/v	
E4	1,2,4-Butanetriol cryoprotectant, 40% v/v	
E5	NDSB 256 surfactant, 4% w/v	
E6	1,2,6-Hexanetriol cryoprotectant, 40% v/v	
E7	1,5-Pentanediol cryoprotectant, 40% v/v	
E8	Trimethylpropane cryoprotectant, 50% w/v	
E9	NDSB 195 surfactant, 4% w/v	
E10	MOPSO buffer (acid), 0.5M	
E11	Bis-Tris buffer (base), 0.5M	
E12	BES buffer (acid), 0.5M	
F1	TEA buffer (base), 0.5M	
F2	Gly-Gly buffer (acid), 0.5M	
F3	AMPD buffer (base), 0.5M	
F4	Lithium sulfate precipitant, 0.6M	
F5	Sodium sulfate precipitant, 0.6M	
F6	Potassium sulfate precipitant, 0.6M	
F7	Manganese(II) chloride tetrahydrate nucleant, 0.02M	
F8	Cobalt(II) chloride hexahydrate nucleant, 0.02M	
F9	Nickel(II) chloride hexahydrate nucleant, 0.02M	
F10	Zinc acetate dihydrate nucleant, 0.02M	
F11	Barium acetate phasing, 0.02M	
F12	Cesium acetate phasing, 0.02M	

Morpheus Additive Screen MD1-93

Well #	Tube Contents	Notes
G1	Rubidium chloride phasing, 0.02M	
G2	Strontium acetate phasing, 0.02M	
G3	Sodium chromate tetrahydrate phasing, 0.01M	
G4	Sodium molybdate dihydrate phasing, 0.01M	
G5	Sodium orthovanadate phasing, 0.01M	
G6	Sodium tungstate dihydrate phasing, 0.01M	
G7	Erbium(III) chloride hexahydrate phasing, 0.01M	
G8	Terbium(III) chloride hexahydrate phasing, 0.01M	
G9	Ytterbium(III) chloride hexahydrate phasing, 0.01M	
G10	Yttrium(III) chloride hexahydrate phasing, 0.01M	
G11	Xylitol cryoprotectant, 0.4M	
G12	D-Fructose cryoprotectant, 0.4M	
H1	D-Sorbitol cryoprotectant, 0.4M	
H2	L-Rhamnose monohydrate cryoprotectant, 0.4M	
H3	myo-Inositol cryoprotectant, 0.4M	
H4	DL-Arginine hydrochloride stabilizer, 0.4M	
H5	DL-5-Hydroxylysine hydrochloride stabilizer, 0.4M	
H6	DL-Threonine stabilizer, 0.4M	
H7	trans-4-Hydroxy-L-proline stabilizer, 0.4M	
H8	DL-Histidine monohydrochloride monohydrate stabilizer, 0.4M	
H9	Spermine tetrahydrochloride stabilizer, 0.2M	
H10	Spermidine trihydrochloride stabilizer, 0.2M	
H11	1,4-Diaminobutane dihydrochloride stabilizer, 0.2M	
H12	DL-Ornithine monohydrochloride stabilizer, 0.2M	

