

STRUCTURAL GENOMIC QUESTIONNAIRE

Center Name: Northeast Structural Genomics Research Network Date: 12/3/2002

Step	Method/Vendor	Contact Person (e-mail)/Location
Cloning		
Primer Vendor	Operon	acton@cabm.rutgers.edu
Expression strains used	a. BL21(DE3) pMgK b. BL21(DE3) pLysS c. BL21(DE3) Rosetta d. BL21(DE3) Rosetta-gami	acton@cabm.rutgers.edu
Cloning Method(s)	Restriction Enzyme-Ligase	acton@cabm.rutgers.edu
Fusion Tags	6Xhis, MBP, no tag	acton@cabm.rutgers.edu
Cell Opening Method	a. Misonix-3000 Plate Sonicator b. Misonix-3000 1/2 " Horn c. Misonix-3000 Cup Horn d. Thermo-Nicolet French Press	acton@cabm.rutgers.edu
Expression/Purification		
Expression analysis (gels)	Invitrogen (NuPAGE)	chiang@cabm.rutgers.edu
Purification equipment	a. Akta Explorer (Pharmacia) b. Akta Purifier c. Akta Prime d. Pharmacia 500	rxiao@cabm.rutgers.edu
Affinity Resin(s)	Qiagen NiNTA HiTrap Chelating (Pharmacia)	rxiao@cabm.rutgers.edu
Ion Exchange Columns	MonoQ, (Pharmacia)	rxiao@cabm.rutgers.edu
Sizing Columns	Hi Load Superdex 75 26/60 (Pharmacia)	rxiao@cabm.rutgers.edu
Equipment		
Robot for cloning, Mini-purification	Qiagen BioRobot 8000	acton@cabm.rutgers.edu
Fermentors	Applikon	lima@cabm.rutgers.edu
Crystallization robots	Robbins Scientific Hydra	detitta@hwi.buffalo.edu
Date purchased	384	
Quality Control		
Mass Spec	Applied Biosystems Voyager - DE	rxiao@cabm.rutgers.edu
Dynamic Light Scattering		