

STRUCTURAL GENOMIC QUESTIONNAIRE

Center Name: NYSGXRC

Date: 03/06/03

Step	Method/Vendor	Contact Person (e-mail)/ Location
Cloning		
Primer Vendor	Qiagen/Operon (Alameda, CA) or Genbase (San Diego, CA)	Don Lorimer (don_lorimer@stromix.com) or Michael Riedy (michael_riedy@stromix.com)
Expression strains used	BL21(DE3) or BL21(DE3)-RIL	Don Lorimer or Michael Riedy
Cloning Method(s)	TOPO or Restriction Digest	Don Lorimer or Michael Riedy
Fusion Tags	N-terminal-6xHis, C- terminal-6xHis or N- terminal-6xHis/smt3	Don Lorimer or Michael Riedy
Cell Opening Method	Bugbuster (Novagen) or Sonication	Don Lorimer or Michael Riedy
Expression/Purification		
Expression analysis (gels)	SDS-PAGE/Invitrogen	Brian_Kinley (brian_kinley@stromix.com)
Purification equipment	FPLC/Pharmacia	Brian_Kinley
Affinity Resin(s)	Chelating HP 5 ml/Pharmacia	Brian_Kinley
Ion Exchange Columns	Mono Q/Pharmacia	Brian_Kinley
Sizing Columns	Gel Filtration/Pharmacia, Superdex 200 columns	Brian_Kinley
Equipment		
Robot for cloning, Mini-purification	Qiagen 3000 or Qiagen 8000	Boris Laubert (boris_laubert@stromix.com)
Fermentors	B Braun	kevin_bain@stromix.com
Crystallization robots	TECAN Genesis Freedom 200	Curtis Marsh (curtis_marshall@stromix.com)
Quality Control		
Mass Spec	MALDI-TOF, LC-ESI-MS, Analytical gel filtration	Voyager, DE-STR Agilent 1100 HPLC stack interfaced w/API-150EX Agilent 1100 HPLC stack Xia Gao

		(xia_gao@stromix.com)
Dynamic Light Scattering	Protein Solutions Dynapro MS800	Vickie Neinaber (vickie_neinaber@stromix.com)

10/31/02 R. Kim