

STRUCTURAL GENOMIC QUESTIONNAIRE

Center Name: MCSG Date: March 20, 2003

Step	Method/Vendor	Contact Person (e-mail)/ Location
Cloning		
Primer Vendor	Illumina	fcollart@anl.gov /ANL
Expression strains used	BL21(DE3)magic pET15B/Novagen pMCSG7/Argonne Baculovirus expression	fcollart@anl.gov /ANL savchenk@uhnres.utoronto.ca U. Toront mdonnelly@anl.gov /ANL fremont@immunology.wustl.edu Wash. Univ.
Cloning Method(s)	LIC	fcollart@anl.gov /ANL
Fusion Tags	His, CBP, MBP, GST	fcollart@anl.gov /ANL mdonnelly@anl.gov /ANL savchenk@uhnres.utoronto.ca U. Toront
Cell Opening Method	Lysozyme/sonication	mdonnelly@anl.gov /ANL fcollart@anl.gov /ANL savchenk@uhnres.utoronto.ca U. Toront
Expression/Purification		
Expression analysis (gels)	Lab-on-the-chip Agilent, Pharmacia Phast System & Standard SDS BioRad & Fisher	ykim@anl.gov /ANL mzhou@anl.gov /ANL
Purification equipment	AKTA EXPLORER 3D, AKTA-FPLC, Amersham Biosciences	ykim@anl.gov /ANL
Affinity Resin(s)	HiTrap, Amersham Biosciences	ykim@anl.gov /ANL
Ion Exchange Columns	MonoQ, MonoS, Amersham Biosciences	iradem@anl.gov /ANL
Sizing Columns	HiLoad Superdex 75&200, Sephadex G25 26/20, Amersham Biosciences	ykim@anl.gov /ANL
Equipment		
Robot for cloning, mini-purification	Beckman core system with: Biomek, Multimek, Biotek EL405 plate washer,	fcollart@anl.gov /ANL

	Polarstar	
Fermentors	Innova 4230 New Brunswick Scientific	mdonnelly@anl.gov /ANL
Crystallization robots Date purchased	Cyberlab C-700, 2000 Hydra 96, Robbins Scientific, 2002 HoneyBee, Genomics Solutions, 2002	ykim@anl.gov /ANL grazyna@anl.gov /ANL
Quality Control		
Mass Spec	MALDI-TOF, Bruker	andrzej@anl.gov /ANL
Dynamic Light Scattering	DynaPro, Protein Solutions	mzhou@anl.gov /ANL

10/31/02 R. Kim