

Dear Potential Applicant:

The mission of the Protein Structure Initiative (PSI) includes interaction with the general scientific community to aid in characterization and structure determination of Community Nominated Protein Targets.

Community Nominated Targets must meet certain criteria for inclusion as a PSI target. In short, the resulting structures should be of significant value to the greater community. Secondly the projected effort should be comparable to the effort required of targets currently in the pipelines of the various centers. Typically, this requires that there is no structure in the Protein Data Bank with more than about 30% sequence identity, though targets may be pursued that have higher sequence identity with solved structures if there is a strong enough biological motivation. Please note that in accordance with policies of the PSI, progress on your target will be posted in the public PSI TargetDB (<http://targetdb.rutgers.edu>), final atomic coordinates will be deposited in the Protein Data Bank (<http://www.rcsb.org>), and the construct itself will be forwarded to the public PSI Reagent Repository (<http://psimr.asu.edu>). The atomic coordinates and NMR data will be released immediately upon completion of the structure.

Proposals for Community Nominated Targets are prepared by the applicant and then submitted to the target nomination gateway located at <http://kb.psi-structuralgenomics.org>. Shortly thereafter the PSI Target Nomination Review Committee will make a recommendation on whether to adopt the target. A decision is provided within a week and further direction provided by email. You should be aware that not every protein target is suitable for the high throughput methods of the PSI program, and that the success rates in obtaining structures of targeted proteins is about 20%.

The Northeast Structural Genomics Consortium is happy to provide assistance and guidance in the preparation of your community nominated proposal. Attached are a template proposal and the PSI Policy Statement on Community Nominated Targets. Please use these as a guide; all fields may not be relevant to your particular situation. We would be happy to review your proposal prior to submission at the PSI-KB gateway (<http://kb.psi-structuralgenomics.org/>).

Thank you for your interest in the PSI Community Nominated Target program! We look forward to hearing from you.

Best regards,

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