MyJGI: Tools for Collaborators

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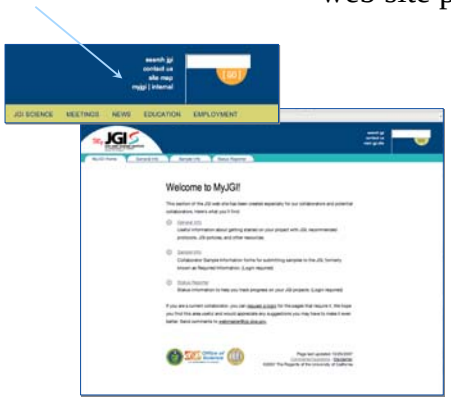
The JGI Informatics department launched http://my.jgi.doe.gov, aka MyJGI, in October of 2007. This new web site provides information and tools useful to collaborators with sequencing projects at JGI.



General Info

Step-by-step instructions for collaborators initiating a project with the JGI:

- Sample user agreement for download.
- Recommended protocols offering successful examples for preparing samples or libraries to be sent to the JGI.
- Links to JGI's policies on project scheduling, finishing, publication, and data release

Logins

The Sample Info and Status Reporter areas require a user name and password to access. Collaborators may request a login from their JGI project manager. We have recently implemented single sign-on for MyJGI, so that a user who has logged in to use either the Sample Info area or the Status Reporter can use the other without logging in again.

Sample Info

Use CSI, the Collaborator Sample Information tool, to efficiently get your samples into the JGI pipeline:

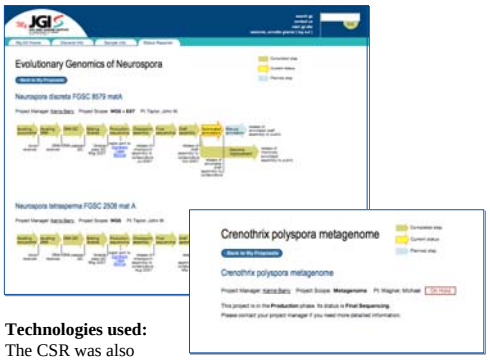
1. Prior to shipment of samples to the JGI, use CSI to provide project managers and scientists with required sample information, such as gel image, volume and weight.
2. JGI project managers then use internal web forms to review and approve each sample for shipment.
3. The process integrates with downstream systems such as the JGI Global Project Management Tracking System (GPTS) and LIMS.

Technologies used: The Scientific and Institutional Applications Group (S&IA) created this system using Ruby on Rails with a MySQL database along with the GPTS Oracle database.

Status Reporter

Provides collaborators with real-time information about the status of each of their sequencing projects.

- For most projects, includes detailed information about the planned lifecycle of the project, release dates and key milestones.
- We have recently added full support for eukaryote projects, and all active projects now show at least basic sequencing status information.
- Once a collaborator logs in, they are presented with a list of their own proposals, from which they can select one to view status information. A single click brings up the status information for all projects that are part of that proposal.



Technologies used: The CSR was also created by the S&IA group, and was written in PHP with dynamic use of CSS.

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