

## **Monthly Status Report**

### **caBIG Q5 Project**

**October 2005**

#### **1. Statement of Progress**

During Month, Dartmouth/NCCC members of the Q5 Team communicated with OHSU, as well as held internal meetings to discuss project updates. OHSU produced datasets from prostate cancer samples for both Dartmouth and OHSU to use.

#### **2. Progress Description**

##### **Task 1: Project Management**

###### **Major Accomplishments:**

- Internal meetings/communications for project updates (10/3, 10/10, 10/17, 10/31) - Josh Gilbert, Todd Holden, Dave Jewell, Paul Courtney
- Teleconference with Juli Klemm, Paul Courtney and Dave Jewell to discuss Task 2.6.4, enabling Q5 to interact with the proteomic LIMS. Result was that Task will remain and we will work with Fox Chase to make sure there is agreement on the CDEs to be used for Q5.
- Communications with OHSU via email and teleconferences (10/3, 10/10, 10/17, 10/31) - Josh Gilbert, Todd Holden, Dave Jewell, Paul Courtney, Shannon McWeeney, Ted Laderas, Ranjani Ramakrishnan
- Committed with OHSU to a site visit by Dartmouth/NCCC Developers December 1-2, 2005.
- July-September Monthly Status Reports compiled and submitted

###### **Activities Planned for next month**

- Internal meetings and meetings with OHSU to continue Q5 progress
- Set new date for addressing the Fox Chase LIMS interoperability

##### **Task 2: Project Activities**

###### **Major Accomplishments:**

- Teleconference and Demo of Q5 for Juli Klemm and Vivian Bonazzi. Demonstrated migration of Q5 from Matlab to R and use by Q5 of mzXML input data format to show the incorporation of standards for proteomics studies.

### Activities Planned for next month

- Compile and submit November Project Monthly Status Report.
- Plan out agenda for December site visit
- Finish and finalize SRS and Test Approach/Test Procedures documentation.

### 3. Issues and Risks

Risk/Issue	Mitigation	Status
Slippage in meeting milestones.	Clarify and resolve any reasons for such slippage; reschedule deadlines.	Ongoing
There is a lack of data for OHSU and Dartmouth to use to validate Q5. Vanderbilt data is not forthcoming. This is becoming a more serious issue as time goes on.	Shannon will pursue other sources. In addition, OHSU will be producing their own prostate data that will be available in the October.	Vanderbilt data is now available. Closed.
MALDI-TOF data may have far too many features measured compared to samples for Q5 to work at all. Q5 was developed and validated with SELDI data where this was not an issue.	Pre Processing of datasets using RProteomics tools of which OHSU is aware. Outside scope of this project.	Open
MALDI-TOF datasets may be so large that there may be memory issues even without the algorithm-limiting issues mentioned above and the use of 64-bit machines.	Pre Processing of datasets using RProteomics tools of which OHSU is aware. Outside scope of this project.	Open



Submitted by:

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Signature

December 8, 2005

Date

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Title/Organization