

Monthly Status Report

caBIG Q5 Project

December 2005

1. Statement of Progress

During December, Dartmouth/NCCC members of the Q5 Team communicated with OHSU, as well as held internal meetings to discuss project updates.

2. Progress Description

Task 1: Project Management

Major Accomplishments:

- Site visit at OHSU 12/1-12/2
- Internal meetings/communications for project updates (12/5, 12/12) - Paul Courtney, Dave Jewell, Todd Holden, Josh Gilbert
- Communications with OHSU-Teleconferences held 12/5,12/12
- Communications with BAH about project deliverables (12/5, 12/6, 12/8)
- October Monthly Status Report compiled and submitted

Activities Planned for next month

- Internal meetings and meetings with OHSU to continue Q5 progress.
- Compile and Submit December Q5 Monthly Status Report

Task 2: Project Activities

Major Accomplishments:

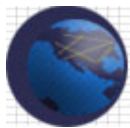
- Reviewed Vanderbilt Data analysis by OHSU during our site visit: experimental design created artifacts in results so the spiked serum data will be important for analysis to validate the application.
- Version 1.1 package of Q5 uploaded to GForge (12/19)
- API document uploaded to GForge for review by OHSU.
- Teleconference regarding interoperability of Q5 with proteomics LIMS on 12/13 - <Vivien Bonazzi (BAH), Tom Moloshok (FCCC), Dave Jewell (Dartmouth), Paul Courtney (Dartmouth)>.

Activities Planned for next month

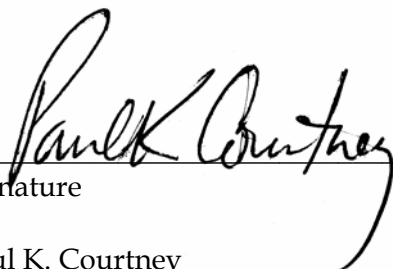
- Compile and submit December Project Monthly Status Report.
- Look at Q5 analysis of spiked serum data.

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.	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.	Closed
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
Because the proteomics LIMS was not part of FCCC's tasks this last year and yet it was on the task list of Q5, there is no target system towards which Q5 can be built for interoperability. This means that we would not get any money for that task.	Work with BAH on alternatives: <ul style="list-style-type: none"> • Documentation Only of how interoperability would work. • Develop basic interoperability based on piloting the early efforts of FCCC prior to end of Q5 at end of February 2006. 	Open



Submitted by:



Signature

1/19/2006
Date

Paul K. Courtney

Name (please print)

Project Manager/ Dartmouth/NCCC

Title/Organization