

Monthly Status Report

Q5 project

May 2005

1. Statement of Progress

Evaluation of the current Matlab version of Q5 was conducted and finished.

Use Cases were discussed with Dartmouth.

2. Progress Description

Task 1.1: Adopter Project Task Leads for Adopters managing Cancer Center

Major Accomplishments:

- Project plan finalized
- Resources allocated for future tasks

Activities Planned for next month

- Resources assigned for future tasks
- Initial project plan finalized

Task 1.3: Regular communications to share project information

Major Accomplishments:

- May 16 meeting: meeting to discuss concerns with validation of data
- May 23 meeting: meeting to discuss use cases as delivered by Dartmouth
- May 31 meeting: meeting to discuss use cases and workflow integration

Activities Planned for next month

- Meeting to discuss integration of Q5 in RProteomics project

Task 2.2: Work with Developer to create use cases for the Q5 application

Major Accomplishments:

- Extensive review of issues and concerns with caBIG OHSU use case

Activities Planned for next month

- Further discussion of use cases with Developer and stakeholders.

Task 2.3: Install and evaluate the current Matlab version of Q5

Major Accomplishments:

- Matlab/Q5 was installed
- Code review of original Matlab code was finished.
- Matlab Q5 code evaluated using a simulated data model
- Usability issues with current code collected
- Evaluation report written up

Activities Planned for next month

- No activities (Task is completed)

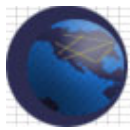
Task 2.12: Create a User Guide for caBIG Q5

Major Accomplishments:

- Meeting to discuss Q5 paper/training plan
- Tutorial Slides/user guide page on PCA done
- Tutorial slides/pages on SELDI-TOF data started

Activities Planned for next month

- Meeting to discuss progress in training materials
- Tutorial Slides/user guide page on Classifiers
- Tutorial Slides/user guide page on Linear Discriminant Analysis
- Tutorial Slides on Mass Spectroscopy



3. Issues and Risks

[Describe risks identified during the month along with mitigation strategies and status.]

Risk/Issue	Mitigation	Status
Dartmouth may not have enough development resources to develop Q5 as a standalone caBIG application.	Talk with RProteomics group about enabling Q5 as part of their workflow application.	Meeting with RProteomics project manager to discuss integration scheduled.
May be impossible for users to collect enough high resolution spectra to use Q5 as a cancer classifier	Talk about use of Q5 as a QA/QC tool.	Meeting with Dartmouth to further discuss this idea.

Submitted by:

Signature

Date

Name (please print)

Title/Organization