

## **Monthly Status Report**

### **Q5 project**

**April 2005**

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

Planning for the Adopter-side evaluation of Q5 was started. This includes an extensive code review and review of available literature.

Use Cases for Q5 were started and discussed.

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

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

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

- Preliminary project plan was started and resources available discussed

###### **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:**

- April 1 meeting: Meeting to discuss possible uses of Q5
- April 21 meeting: Meeting to discuss particulars of Q5 algorithm and call for adopter to collect information that would be useful in the Q5 use case

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

- Meeting to discuss validation and generation of test data for Q5
- Meeting with ICR proteomics SIG to discuss Q5 interoperability/integration into other caBIG proteomics applications (Proteomics LIMS, RProteomics)

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

### Major Accomplishments:

- Brainstorming/preliminary write up of possible Q5 use cases
- Reviewing of Q5 draft use cases as initially provided by Developer
- Meeting with stakeholders at OHSU to discuss possible uses of Q5 as an application

### Activities Planned for next month

- Further discussion of use cases with Developer and stakeholders in Adopter's Cancer center
- Final draft of use case to be drafted and finished

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

### Major Accomplishments:

- Original Paper of Q5 was read and analyzed. This included a review of the mathematics behind Q5.
- Code review of original Matlab code was started.

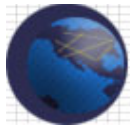
### Activities Planned for next month

- Installation of Q5 code on OHSU machines
- Testing and evaluation of Q5 code
- Simulated Data generation for blackbox testing of Q5

## 3. Issues and Risks

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

Risk/Issue	Mitigation	Status
Q5 may not be useful to researchers at OHSU as a Cancer Classifier.	Discussion of possible alternative uses of Q5	Need to discuss with adopter alternative uses of Q5
Q5 should be validated with more test data	Development of simulated datasets to test Q5	Discussion with OHSU stakeholders about the



		generation of such a dataset.
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Submitted by:

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