

## **Monthly Status Report**

### **Q5 project**

**August 2005**

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

Q5 port to R initially evaluated and compared to Matlab version. R code reviewed.

Discussion with Dartmouth about testing strategy for Q5.

Discussion with Duke developers about integrating PCA step of Q5 into R code as test implementation into RProteomics Statistical Routines.

Test plan updated to current requirements and specifications document and requirements traceability matrix delivered.

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

##### **Task 1.3: Regular communications to share project information**

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

- August 5: Discussion of Current Test Approach Document
- August 9: Meeting with Duke to discuss Q5 integration into RProteomics statistical routines
- August 22: Discussion of status of Vanderbilt dataset
- August 24: Meeting with Duke to discuss Q5 integration into RProteomics
- August 25: Meeting with Duke to discuss Q5 integration into RProteomics

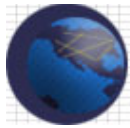
###### **Activities Planned for next month**

- Meeting to discuss and finalize requirements and specifications

##### **Task 2.4: Review Requirements and Specifications Document for caBIG Q5 to ensure that use cases are met**

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

- Reviewed current requirements and specifications document



### Activities Planned for next month

- Sign off on Requirements and Specifications document

**Task 2.6: Develop a test plan for caBIG Q5 that outlines how the software will be measured against the documented requirements**

### Major Accomplishments:

- Preliminary evaluation of Q5 port to R, comparing to MATLAB version
- Worked on and revised current draft of the test plan
- Identified and communicated with Vanderbilt about public MALDI Ovarian Cancer Dataset
- Developed a set of tests to cover all aspects of the requirements document as currently delivered by Dartmouth

### Activities Planned for next month

Meeting with Dartmouth to discuss tests

### 3. Issues and Risks

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

None

Submitted by:

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Signature

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