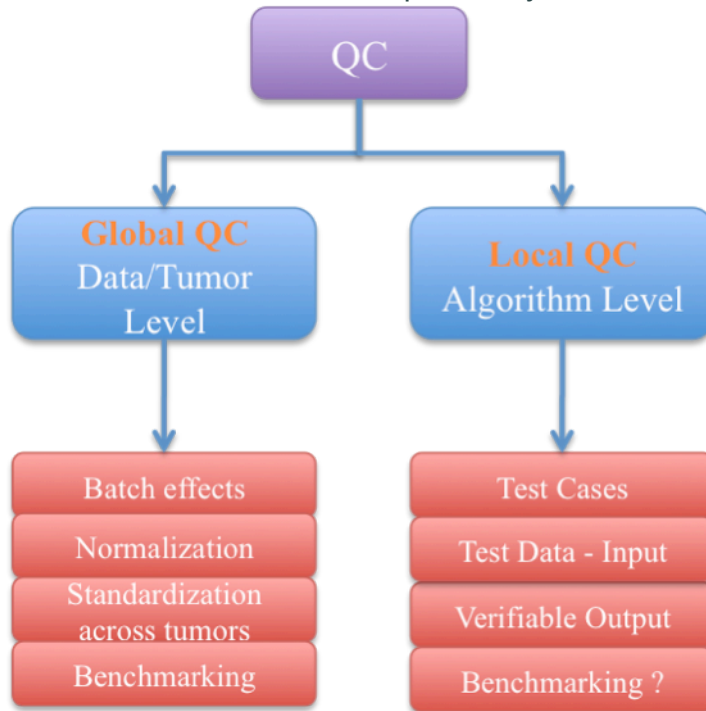


August 11, 2011

**QC Meeting: Lihua, Raktim**

1. **QC:** Came up with broad categories of QC levels and what each level should address. The idea is best captured by the cartoon:



**Comments:** Mostly brainstormed QC ideas and levels. Questions like who should provide data & files for algorithm QC immediately popped up. In cases where the author is know, it probably should come from him, in other cases it not very clear. At the minimum Algorithms should be thoroughly evaluated before it gets added to the pipeline.

**Action Item:**

1. Further explore the ideas add more substance in.
  2. Figure out what fits in where in the bigger context of pipelines, FH etc
2. **Add new Methylation module.** Houtan et al Cancel Cell, 2010  
**Comments:** Seems like a great idea, as there aren't many good modules to analyze mythylation data. Gives Raktim a chance to learn FH, GenePattern hands on.  
**Action item:**
    1. Raktim will start reading the article for further discussion.
    2. This module could be used as a test case to come up with standards for at least *Algorithm level QC*.

3. Lihua suggested a strategy to **beef up FH pipeline** by rapid introduction of R (BioConductor) analysis modules through RHook, that Raktim developed around a Java-R JNI bridge.

**Comments:** This seems to be a long-term design and/or development decision for FH group that should involve a lot more people. We can propose and take the initiative. No immediate plans.

**Action item:** None at present.

4. **Confluence/Wiki** for meeting notes and docs.

**Action Items:** Raktim will set it up.

5. **Next Meeting** in September 1<sup>st</sup> week. Lihua will be on vacation next 2 weeks. Raktim will be out during the week of Aug 22. We will then set up a regular meeting schedule.