Reviewer's report

Title: A microRNA Molecular Modeling Extension for Prediction of Colorectal Cancer Treatment

Version: 3 Date: 20 April 2015

Reviewer: Yajun Yi

Reviewer's report:

I. Major Compulsory Revisions

1. Authors have answered my concerns with sufficient evidence.

2. The main prediction results show that most MSI patients would respond to both drug treatments; however, most MSS patients would not.

It is not clear to me that whether miRNA profile based predictive score is independent of MSS/MSI prediction?

3. Missing "Discussion section" in the revised manuscript.

II. Minor Essential Revisions

Page 4, Paragraph 4, step 1 paragraph of the section "Molecular Addition of miRNA-Regulation (miRAO)" was placed incorrectly in the section of "The Non-Steroidal Anti-Inflammatory Drug (NSAID) Model".

III. Discretionary Revisions

The conclusion paragraph is too long.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests