**Reviewer’s report**

**Title:** Analysis of Molecular Networks and Targets Mining of Chinese Herbal Medicines on Antiaging

**Version:** 2  **Date:** 13 Nov 2016

**Reviewer:** Junguk Hur

**Reviewer's report:**

The readability of the manuscript has substantially improved and the authors addressed many of my previous comments. I still see some grammar errors and awkward expressions, which need to be addressed. Otherwise, I have the following minor discretionary comments.

* The main tables have been updated to indicate the numbers of 'other targets'. However, tables with complete lists would better be given as Supplementary Tables.

* Table 3 would be too big even though complete lists are given in the main table.

* Figure legends are to be given towards the end of the manuscript (usually after References) as a separate section, not within the main text.

* Supplementary Table S1: I don't think it would be that difficult to search the databases again with only 28 herbs to get the appropriate IDs, which will be very helpful to other users.

* Supplementary Tables S2-S3: Consider giving Gene IDs (Entrez IDs or Ensemble IDs), gene symbol, and description all together. Currently, either gene symbol or description are given. This would help others to use your compiled data easily. Matching by gene descriptions, which frequently change over time, is not recommended.

* Supplementary Tables S4-S5: Consider adding the column headers.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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