Reviewer’s report

Title: Elucidating mechanistic insights into drug action for atopic dermatitis: a systems biology approach

Version: 2 Date: 30 Oct 2017

Reviewer: Reiko J Tanaka

Reviewer’s report:

This is an interesting paper which demonstrates the results of pathway enrichment analysis, using the transcriptome data from 10 AD patients.

The reviewer think it is advisable to clarify that the conclusions derived here are based on the data from 10 AD patients. Testing the observations with a larger data is an important future step.

As this paper will be read by a wide audience, it will help to explain the meaning of the definition of p (line 138).

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.

Yes

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 recommend additional statistical review

Quality of written English

Please indicate the quality of language in the manuscript:

Acceptable
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