Reviewer’s report

Title: Differential gene expression in disease: a comparison between high-throughput studies and the literature

Version: 1 Date: 18 Jul 2017

Reviewer: Bharat Panwar

Reviewer's report:

Although authors have improved the revised manuscript, it would be nice to see all data together to confirm that higher number of DEGs are not due to batch effect etc. Please include a PCA/tSNE graph.

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 am able to assess the statistics

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

Acceptable

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