Reviewer’s report

Title: Unearthing New Genomic Markers of Drug Response by Improved Measurement of Discriminative Power

Version: 1 Date: 23 Dec 2016

Reviewer: Dennis Wang

Reviewer's report:

The authors have addressed my primary concern of validating results on the most recent dataset.

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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