Reviewer’s report

**Title:** Bioinformatics prediction of miR-30a targets and its inhibition of cell proliferation of osteosarcoma by up-regulating the expression of PTEN

**Version:** 0  **Date:** 11 Sep 2017

**Reviewer:** Peng Cao

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Zhong et co-authors in the paper submitted to BMC Medical Genomics which titled 'Bioinformatics prediction of miR-30a targets and its inhibition of cell proliferation of osteosarcoma by up-regulating the expression of PTEN” worked on the target searching for miR-30a through TargetScan analysis. PTEN was proved to be one of the target by transfection of mimic or inhibitor of miR-30a in osteosarcoma cells from data of cell proliferation and protein expression. It will be helpful to understand the mechanism and role of this miRNA in osteosarcoma.

Minor concerns:

1. Author didn't show the picture of figure 1 just with the legend.

2. Some mistakes in spelling, e.g. page 4 line 21 "Reaseach" should be corrected to "Reaserches", page 5 last line ‘…obtained from abm…” or "…obtained from abcam…”?

The manuscript should be read carefully to avoid such mistakes before be published.

**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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