Reviewer's report

Title: SREBP1 promotes the invasion of colorectal cancer accompanied upregulation of MMP7 expression and NF-κB pathway activation

Version: 0 Date: 29 Apr 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?

Yes - experiments and analyses were performed appropriately

STATISTICS - Is the use of statistics in the manuscript appropriate?

Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

Yes - the author's interpretation is reasonable
OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?

Yes - current version is technically sound

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: This is a well designed, well executed and well interpreted set of experiments to assess the role of SREBP1 gene in the invasiveness and angiogenesis of colorectal cancer B pathway in clinical specimens and in cell lines. It did establish the pathways through which this gene might be acting, namely MMP7 gene and NFK pathway and ROS production. The quality of the work has been lowered by a poor presentation.

ADDITIONAL REQUESTS/SUGGESTIONS:

The presentation should be improved and a thorough linguistic/grammatical review is needed (Many sentences are started with verb without subjects [e.g. Used.....], by which NOT which by, Western blot NOT western bolt,....). Figure legends are not well written and need to have simple non confusing statements. Figure 2 legend too long. Abstract needs to be rewritten: Methods section needs to have some details on experiments done, What is currently in Results section is more a Conclusion statement, Result section needs to have tangible results that readers can read and assess. Discussion section in the manuscript can be improved to better highlight importance of obtained results.

Note: This reviewer report can be downloaded - see attached pdf file.
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:

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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