Reviewer’s report

Title: LncRNA CASC 2 is upregulated in aphthous stomatitis and predicts the recurrence

Version: 0 Date: 28 Oct 2019

Reviewer: Lesley Ann Bergmeier

Reviewer's report:

The authors present data that shows there is a significant difference between expression of the lnc for CASC2 in RAS patients versus HC.

This would have been an interesting paper but for a major error in the description of methodology and the Fig legends which brings into question what the authors have actually measured.

In the text the authors seem to be referring to measurements of IL-6 and IL-8 by Elisa.

However, there is confusion as to what has been measured.

Page 5 line 84 states that IL-8 is measured.

But on Page 5 line 86 the authors refer to IL-18 and give the Invitrogen Kit number for IL-18.

Throughout most of the text the authors refer to IL-8, including page 6 line 110 where Fig2D is IL-8 but the Fig itself has IL-18 on the vertical axis.

So, what has been measured, IL-8 or IL-18?

In its present form the paper cannot be accepted.

The authors must make clear what has been measured.

Minor points:
CASC2 should be written in full (cancer susceptibility gene2)
Discussion: there is evidence that CASC2 inhibits autophagy- this should be discussed (Quin et al 2018 RSC)

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

Unable to assess

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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