Reviewer's report

**Title:** Altered expression of DLG1-AS1 distinguished papillary thyroid carcinoma from benign thyroid nodules

**Version:** 0  **Date:** 05 Aug 2019

**Reviewer:** Klaus Brusgaard

**Reviewer's report:**

The manuscript is interesting and relevant to the scientific community but needs some editing.

I think the introduction the relevance of DLG1-AS1 is stated. The relevance of analysing miR-199a-3p should as well be explained.

p.4;l.72: Your write "IHH-4 and MDA-T32 (ATCC, USA) two human PTC cell lines were included" please state why - something like "positive controls of...."

p.4;l.74: you write "Negative control (NC) miRNA and miR-199a-3p were from RIBOBIO77 (Guangzhou, China)." could be "Scramble microRNA mimics were designed as negative control microRNA (NC) and miR-199a-3p were both from RIBOBIO77 (Guangzhou, China)."

p.4;l.80: transections should be transfections

p.6;l.110 What you perform are "ROC curve analysis" not "ROC curve"

p.8;l.158: You write "in this study the expression of DLG1-158 AS1 has only been investigated in tumor" I think it should be "in that study the expression of DLG1-158 AS1 has only been investigated in tumor"

p.8;l.162-163: You write "Therefore, DLG1-AS1 may also regulate gene expression in 163 distant end after trafficking in blood" I think "Therefore, DLG1-AS1 may also regulate gene expression in 163 distant targets after trafficking in blood" would be better.

p.8;l.170-171: You write "We future studies will include more..." better write "We will in future studies include more...."

**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

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