Reviewer's report

Title: miR-320b suppresses cell proliferation by targeting c-Myc in human colorectal cancer cells

Version: 3 Date: 17 March 2015

Reviewer: Laura Gatti

Reviewer's report:

COMMENTS FOR THE AUTHORS

I recognize that the authors have made an effort to make the article more relevant according to the reviewers' comments and suggestions. However, I have residual concerns on some aspects already raised in the previous revision process. The manuscript has not always been revised according to my suggestions. In particular:

Major Compulsory Revisions

- The issue relative to the quality of written English for the whole manuscript remains a weak point of the present study. See for example how the original sentence on Page 3, line 10-12 has been corrected:
  
  First version: "Increasing evidence shows that post-transcriptional regulation of gene expression mediated by miRNAs acting as either tumor suppressors or oncogenes in a variety of cancers including CRC."

  Second version: "Studied have shown that post-transcriptional regulation of gene expression mediated by miRNAs act as either tumor suppressors or oncogenes in a variety of cancers including CRC."

  I suspect that neither the first nor the second one of the sentences expressed the sense required by the Authors ("Increasing evidence showed post-transcriptional regulation of gene expression mediated by miRNAs, acting as either tumor suppressors or oncogenes, in a variety of cancers including CRC").

- With respect to Figure 5A: the purpose of this reviewer was to show all the investigated conditions in a single WB image, because the samples deriving from the following conditions (empty vector pGL3 alone transfected cells; empty vector pGL3 plus negative control oligonucleotide transfected cells; vector pGL3-c-Myc alone transfected cells), represent basic "controls" of the assay, that are required to verify if c-Myc expression was modulated by negative control oligonucleotides and/or empty vectors. Please include these basic controls to the original version of Figure 5A, considering also cells transfected with mir-320b mimics and cells transfected with mir-320b mimics + pGL3-c-Myc.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited
Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests