Reviewer's report

Title: Burkitt lymphoma beyond MYC translocation: NMYC and DNA methyltransferases deregulation

Version: 2 Date: 16 April 2015

Reviewer: Sigurdur Ingvarsson

Reviewer's report:

The authors show results and discuss the difference in miRNA profiling in BL w. and w.o. c-myc translocation, but do not clarify if some of these miRNA could be directly under the transcriptional control of c-myc. Similarly, the authors suggest that N-myc could be directly regulated by the hsa-miR-29a, but do not discuss the possibility that N-myc is affecting the miRNA profile as a transcriptional factor.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.