



20th Youth Scientific Forum

Reviewer opinion

Author(s):	Kinga Németh – Pouneh Maraghechi – Babett Bontovics – Bence Lázár – Elen Gócza
Title:	Validation of rabbit microRNA sequences identified by SOLiD sequencing
Opinion (max. 150 words):	In this study the authors identified rabbit miRNA sequences by next generation sequencing and with real-time PCR they analyzed the expression of miRNAs in rabbit embryos and embryonic stem cells. They concluded that the degree of homology of the identified rabbit miRNAs and the number of similar miRNAs to known human miRNAs was higher than known mouse and bovine miRNAs. They also concluded that the applied SOLiD system is not really reliable in identification of exact scales of expression levels. I would like to emphasize the high scientific value of the present research. I think the present manuscript is just preceding a publication in a high ranking international journal. The manuscript fits to the formal requirements. There are a few typing/grammar mistakes which should be corrected.
Proposal*:	<u>1 - Acceptable in its present form</u> 2 - Acceptable after revision 3 - Acceptable after major revision 4 - Not acceptable for publication

* mark as appropriate

Date: Keszthely, May 02. 2014.