Author’s response to reviews

Title: MiR-182-5p and its target HOXA9 in non-small cell lung cancer: a clinical and in-silico exploration with the combination of RT-qPCR, miRNA-seq and miRNA-chip

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Author’s response to reviews:

1. Availability of data and materials

a) Although you mentioned that you downloaded genomes from TargetScanHuman in the Availability of data and materials section of your manuscript, you have not provided the relevant accession numbers. Please provide the relevant accession numbers or the appropriate web links to the aforementioned data sets. Please ensure all data is already released and that any accession numbers/web links are in the ‘Availability of Data and Materials’ in their final form, and that all web links and accessions allow access to public data.

Reply: Thanks for your precious advice.

We have Provided the accession ID and the appropriate web link to the data in the ‘Availability of Data and Materials’:
TargetScanHuman (TargetScan_7.2_ENST00000396345.1_predicted_targeting_details)
(http://www.targetscan.org/cgi-bin/targetscan/vert_72/view_gene.cgi)
b) While you have stated that the raw sequencing reads have been deposited in GEO, the accession numbers GSE18692A and GSE18692B do not yield any search results. Please be aware that we are an open access journal and submission of a manuscript to a BMC journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any scientist wishing to use them for non-commercial purposes, without breaching participant confidentiality. In light of this, we ask that you provide the accession numbers or web links to the respective datasets which allow for public access and include these in the Availability of data and materials section of your manuscript. If the datasets are not publicly available, please provide a valid reason.

Reply: Thanks for your precious advice.

Because data of GSE18692 was deposited in two platforms (GPL4717 and GPL4718), we named the two parts of dataset as GSE18692A and GSE18692B. To avoid misunderstanding, we renamed the accession numbers of them as GSE18692-GPL4717 and GSE18692-GPL4718.

c) We note that the web link that you have provided ‘http://zmf.umm.uni-heidelberg.de/apps/zmf/mirwalk2/mirretsys/t_progs.php’ in the Availability of data and materials section of your manuscript does not yield any search results. Please ensure that all data is already released and that any web links are in the ‘Availability of Data and Materials’ in their final form, and that all web links allow access to public data.

Reply: Thanks for your precious advice.

We have provided the accession ID and the appropriate web link to the data in the ‘Availability of Data and Materials’:

miRWalk (has-miR-182-5p binding site predictions within 3'-UTR region) (http://zmf.umm.uni-heidelberg.de/apps/zmf/mirwalk2/)

2. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Should you wish to respond to these revision requests, please put your responses to the reviewers/editors’ comments in the Response to Reviewers box in Editorial Manager. Please do not upload a separate letter.

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