

DECLARATION OF CONTRIBUTIONS TO ARTICLE

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An antisense RNA capable of modulating the expression of the tumor suppressor microRNA-34a

(the 'Contribution')

Author(s):

Jason T. Serviss, Felix Clemens Richter, Jimmy Van den Eynden, Nathanael Andrews, Miranda Houtman, Mattias Vesterlund, Laura Schwarzmuller, Per Johnsson, Erik Larsson, Dan Grandér, Katja Pokrovskaia Tamm

(the 'Authors')

For all CDDis articles, each person named as an author in the published version must be able to show he or she has contributed substantially to the article.

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Any person who cannot be shown to have made a substantial contribution to the article cannot be listed as an author in the final version. The name of any person who is deemed to have made a minor contribution can, however, appear in the Acknowledgments section of the article.

Please complete the table below to indicate the contributions of all named authors to the manuscript.

Author Full Name:	Specification of Contribution to the Manuscript:
Jason T. Serviss	Methodology, Software, Validation, Data curation, Formal analysis, Visualization, Investigation, Project administration, Writing—review & editing
Felix Clemens Richter	Investigation, Methodology, Project administration
Jimmy Van Den Eynden	Investigation, Methodology, Software, Formal analysis
Nathanael Johansson Andrews	Investigation, Methodology
Miranda Houtman	Investigation, Methodology
Mattias Vesterlund	Investigation, Methodology
Laura Schwarzmuller	Investigation, Methodology
Per Johnsson	Conceptualization, Methodology
Erik Larsson	Investigation, Writing—original draft, Software, Formal analysis
Dan Grandér	Supervision, Conceptualization, Funding acquisition, Project administration
Katja Pokrovskaia Tamm	Supervision, Project administration, Writing—review & editing

Please complete the table below to indicate the contributions of all named authors to the figures.

Figure 1:

- A) JTS: Assembled the data and designed the graphic.
- B) MH: Generated the data. JTS: Prepared the figure.
- C) JVDE and EL: Assembled, curated, analysed the data, and performed statistical analysis. JTS: assembled the figure.
- D) MH: Generated the data. JTS: Prepared the figure.
- E) JTS: Generated the data and prepared the figure.
- F) JTS: Performed the analysis and prepared the figure. MV: Performed the mass-spec based validation.

Figure 2:

- A) FCR: Performed the experiment. JTS: Prepared the figure and performed statistical analysis.
- B) NJA: Performed the experiment. JTS: Prepared the figure and performed statistical analysis.
- C) MH: Cloned the construct and performed the experiment. JTS: Prepared the figure and performed statistical analysis.
- D) JTS: Performed the experiment, prepared the figure, and performed the statistical analysis.

Figure 3:

- A) LS: Generated the stable cell lines. FCR: Quantified expression. JTS: Prepared the figure and performed statistical analysis.
- B) JTS and FC: Performed the experiment. JTS: Prepared the figure and performed statistical analysis.
- C) NJA: Performed the experiment. JTS: Prepared the figure and performed statistical analysis.
- D) JTS: Performed the experiment, prepared the figure, and performed statistical analysis.

Figure 4:

- A and B) JVDE and EL: Assembled, curated, analyzed the data, and performed statistical analysis, as well as, preparing the figure.

Figure 5:

JTS: Designed the figure.

Figure 6:

Signed for and on behalf of the Author(s):

Print Name:

Date:

Jason Serviss

27.02.2018