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Manuscript title: Selection and Characterization of Monoclonal Antibodies Targeting MERS-CoV through a Human Synthetic Fab Phage Display Library Panning

Corresponding author: Dae Young Kim

Article type: Original Research Article

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Authors' contributions

We follow ICJME recommendation of authorship, which is based on the following 4 criteria:

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2. Drafting the work or revising it critically for important intellectual content; AND
3. Final approval of the version to be published; AND
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All those designated as authors should meet all four criteria for authorship, and all who meet the four criteria should be identified as authors. Those who do not meet all four criteria should be acknowledged. Please insert here the contribution each author made to the manuscript—e.g., literature search, figures, study design, data collection, data analysis, data interpretation, writing etc. If all authors contributed equally, please state this. The information provided here must match the contributors' statement in the manuscript.

Author Contributions: D.Y.K., H.L., K.P., and S.S.K. conceived and designed the experiments. Y.K., S.P., J.-H.L., M.K.S., H.W., H.K., and J.-M.L. performed the experiments. S.H.L., B.J.K., Y.-S.P., S.-Y.C., D.H.S., and J.-Y.L. analyzed the data. D.Y.K. wrote the article.

Conflicts of interest












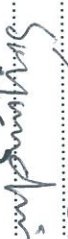




Please insert here: 1. authors' conflicts of interest; 2. sources of support for the work, including sponsor names along with explanations of the role of those sources if any in study design; collection, analysis, and interpretation of data; writing of the report; 3. the decision to submit the report for publication; or a statement declaring that the supporting source had no such involvement, etc.

Conflicts of Interest: Y.K., K.P., H.W., H.K., H.L., S.S.K., J.-Y.L., and D.Y.K. are inventors on Korea patent number 10-1969696 (registration date April 10, 2019). S.H.L., J.-M.L., and Y.-S.P. are employees of Plexense Inc. The authors declare no other conflicts of interest.

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I agree with the plan to submit to *Antibodies*; the contents of the manuscript, to being listed as an author, and to the conflicts of interest statement as summarised. I have had access to all the data in the study (for original research articles) and accept responsibility for its validity.

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I, Dae Young Kim, the corresponding author of this manuscript, certify that the contributors' and conflicts of interest statements included in this paper are correct and have been approved by all co-authors.