

Corrigenda and Addenda

Correction: Mutations of SARS-CoV-2 Structural Proteins in the Alpha, Beta, Gamma, and Delta Variants: Bioinformatics Analysis

Saima Rehman Khetran^{*}, MPhil; Roma Mustafa^{*}, DPhil

Department of Life Sciences, Sardar Bahadur Khan Women's University, Quetta, Pakistan

^{*}all authors contributed equally

Corresponding Author:

Saima Rehman Khetran, MPhil

Department of Life Sciences

Sardar Bahadur Khan Women's University

Bawrery Road near Kidney Hospital Quetta

Quetta, 87300

Pakistan

Email: aspirantcss2022@gmail.com

Related Article:

Correction of: <https://bioinform.jmir.org/2023/1/e43906>

(*JMIR Bioinform Biotech* 2024;5:e64915) doi: [10.2196/64915](https://doi.org/10.2196/64915)

In “Mutations of SARS-CoV-2 Structural Proteins in the Alpha, Beta, Gamma, and Delta Variants: Bioinformatics Analysis” (*JMIR Bioinform Biotech* 2023;4:e43906) the authors made one addition.

An additional citation [31] was added to the Results and Discussion Section, which previously appeared as:

Apart from these mutations, deletions at position 85-89 ($\Delta 85$ - $\Delta 89$) in a Spanish isolate (MW715071) along with other unique mutations of S protein, such as V90T (in which valine is replaced by threonine at position 90), A93Y (in which alanine is replaced by tyrosine at position 93), and D138H (in which aspartic acid is replaced by histidine at position 138), were also observed (Multimedia Appendices 1 and 2).

This has been changed as follows:

Apart from these mutations, deletions at position 85-89 ($\Delta 85$ - $\Delta 89$) in a Spanish isolate (MW715071) along with other unique mutations of S protein, such

as V90T (in which valine is replaced by threonine at position 90) [31], A93Y (in which alanine is replaced by tyrosine at position 93), and D138H (in which aspartic acid is replaced by histidine at position 138), were also observed (Multimedia Appendices 1 and 2).

The reference being included will be added to the References section, resulting in the renumeration of all references following Reference 31. The reference being added is the following:

31. Stojanov D. Phylogenicity of B.1.1.7 surface glycoprotein, novel distance function and first report of V90T missense mutation in SARS-CoV-2 surface glycoprotein. *Meta Gene*. 2021;30:100967. doi:<https://doi.org/10.1016/j.mgene.2021.100967>

The correction will appear in the online version of the paper on the JMIR Publications website on August 5, 2024, together with the publication of this correction notice. Because this was made after submission to PubMed, PubMed Central, and other full-text repositories, the corrected article has also been resubmitted to those repositories.

This is a non-peer-reviewed article. Submitted 30.07.24; accepted 31.07.24; published 05.08.24.

Please cite as:

Khetran SR, Mustafa R

Correction: Mutations of SARS-CoV-2 Structural Proteins in the Alpha, Beta, Gamma, and Delta Variants: Bioinformatics Analysis
JMIR Bioinform Biotech 2024;5:e64915

URL: <https://bioinform.jmir.org/2024/1/e64915>

doi: [10.2196/64915](https://doi.org/10.2196/64915)

PMID: [39102687](https://pubmed.ncbi.nlm.nih.gov/39102687/)

©Saima Rehman Khetran, Roma Mustafa. Originally published in JMIR Bioinformatics and Biotechnology (<https://bioinform.jmir.org>), 05.08.2024. This is an open-access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work, first published in JMIR Bioinformatics and Biotechnology, is properly cited. The complete bibliographic information, a link to the original publication on <https://bioinform.jmir.org/>, as well as this copyright and license information must be included.