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Large Language Models (LLMs), such as ChatGPT, do not currently satisfy our authorship criteria. Notably an attribution of authorship carries with it accountability for the work, which cannot be effectively applied to LLMs. Use of an LLM should be properly documented in the Methods section (and if a Methods section is not available, in a suitable alternative part) of the manuscript.

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- Accession codes, unique identifiers, or web links for publicly available datasets
- A description of any restrictions on data availability
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[X] We have provided a full data availability statement in the manuscript.

Mandated accession codes (where applicable)

Confirm that all relevant data are deposited into a public repository and that accession codes are provided.

[X] All relevant accession codes are provided [ ] Accession codes will be available before publication [ ] No data with mandated deposition

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Policy information about availability of computer code

Code availability statement

For all studies using custom code or mathematical algorithm that is deemed central to the conclusions, the manuscript must include a statement under the heading "Code availability" describing how readers can access the code, including any access restrictions. Code availability statements should be provided as a separate section after the data availability statement but before the References.

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[X]	[ ] Macromolecular structural data
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[X]	[ ] Human research participants
[X]	[ ] Clinical data
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Macromolecular structural data

Policy information about special considerations for specific types of data

Validation report

[ ] We have provided an official validation report from wwPDB for all macromolecular structures studied.

Biological materials

Policy information about availability of materials

Obtaining biological materials: This study did not generate or use unique biological materials.

[ ] We have described these restrictions in the manuscript. [ ] We have described how to obtain all materials in the manuscript.

Research animals

Policy information about studies involving animals; ARRIVE guidelines recommended for reporting animal research

Ethical compliance

☐ We have complied with all relevant ethical regulations and include a statement affirming this in the manuscript.

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☐ We have disclosed the name(s) of the board and institution that approved the study protocol in the manuscript.

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Policy information about studies involving human embryos, gametes and stem cells

Manuscripts involving the use of human embryos, gametes or stem cells must include an ethics statement that provides the following information:
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Policy information about studies involving human research participants

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Policy information about clinical studies

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We have provided the CONSORT checklist with your submission.

☐ Yes ☐ No ☐ Not a phase 2/3 randomized controlled trial

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We have followed the REMARK reporting guidelines.

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☐ We affirm that archaeological, geological, and palaeontological materials samples were collected (and, where applicable, exported) in a responsible manner and in accordance with relevant permits and local laws, and that this information is detailed within the manuscript.

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Typed signature Matthew Allan Date 2024-07-27