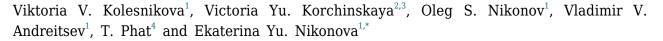
SUPPLEMENTARY MATERIAL

Impact of the N-terminal Fragment on the Solubility of eIF4E1 *Solanum tuberosum*



¹Institute of Protein Research, Russian Academy of Sciences, Pushchino, Moscow Region, 142290, Russia ²All-Russia Research Institute of Agricultural Biotechnology, Russian Academy of Sciences, Moscow, 127550, Russia ³K.A. Timiryazev Institute of Plant Physiology, Russian Academy of Sciences, Moscow, 127276, Russia ⁴Institute of Biotechnology, Vietnam Academy of Science and Technology, Hanoi, Vietnam

B

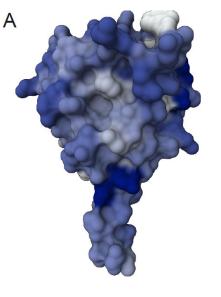
© 2025 The Author(s). Published by Bentham Open.

This is an open access article distributed under the terms of the Creative Commons Attribution 4.0 International Public License (CC-BY 4.0), a copy of which is available at: https://creativecommons.org/licenses/by/4.0/legalcode. This license permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

*Address correspondence to this author at the Institute of Protein Research, Russian Academy of Sciences, Pushchino, Moscow Region, 142290, Russia; E-mail: katya_nik@vega.protres.ru

Cite as: Kolesnikova V, Korchinskaya V, Nikonov O, Andreitsev V, Phat T, Nikonova E. Impact of the N-terminal Fragment on the Solubility of eIF4E1 *Solanum tuberosum*. Open Biotechnol J, 2025; 19: e18740707373184. http://dx.doi.org/10.2174/0118740707373184250328061309





eIF4E from *Cucumis melo* PDB code: 5ME6 eIF4E from Drosophila melanogaster PDB code: 5ABU



ISSN: 1874-0707



Published: April 24, 2025

Send Orders for Reprints to



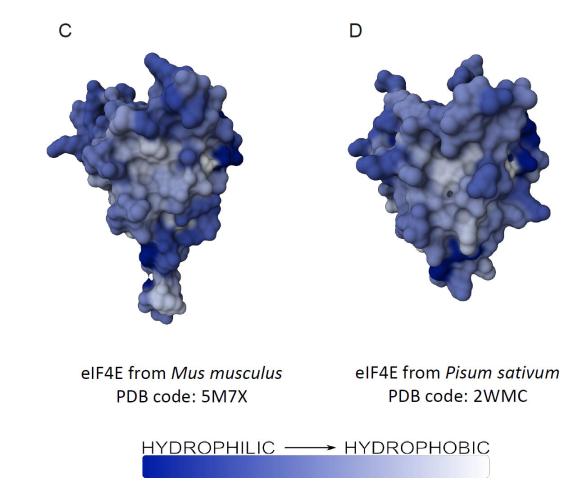


Fig. (1S). Surface representation of a few members of the eIF4E family from the dorsal view. The surfaces are colored according to the Wimley-White ΔG water-membrane hydrophobicity scale [38]. A - Crystal structure of eIF4E from *Cucumis melo*; B - Crystal structure of eIF4E from *Drosophila melanogaster*; C - Crystal structure of eIF4E from *Mus musculus*; D - Crystal structure of eIF4E from *Pisum sativum*.

DISCLAIMER: The above article has been published, as is, ahead-of-print, to provide early visibility but is not the final version. Major publication processes like copyediting, proofing, typesetting and further review are still to be done and may lead to changes in the final published version, if it is eventually published. All legal disclaimers that apply to the final published article also apply to this ahead-of-print version.