

Accepted Manuscript

Conformational response to charge clustering in synthetic intrinsically disordered proteins

Giulia Tedeschi, Edoardo Salladini, Carlo Santambrogio, Rita Grandori, Sonia Longhi, Stefania Brocca



PII: S0304-4165(18)30202-2
DOI: doi:[10.1016/j.bbagen.2018.07.011](https://doi.org/10.1016/j.bbagen.2018.07.011)
Reference: BBAGEN 29160
To appear in: *BBA - General Subjects*
Received date: 8 May 2018
Revised date: 5 July 2018
Accepted date: 12 July 2018

Please cite this article as: Giulia Tedeschi, Edoardo Salladini, Carlo Santambrogio, Rita Grandori, Sonia Longhi, Stefania Brocca, Conformational response to charge clustering in synthetic intrinsically disordered proteins. *Bbagen* (2018), doi:[10.1016/j.bbagen.2018.07.011](https://doi.org/10.1016/j.bbagen.2018.07.011)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Conformational response to charge clustering in synthetic intrinsically disordered proteins

Giulia Tedeschi¹, Edoardo Salladini², Carlo Santambrogio¹, Rita Grandori¹, Sonia Longhi^{2*},
Stefania Brocca^{1*}

¹Department of Biotechnology and Biosciences, State University of Milano-Bicocca, Piazza della
Scienza 2, 20126, Milano, Italy

²Aix-Marseille Univ, CNRS, Architecture et Fonction des Macromolécules Biologiques (AFMB),
UMR 7257, 13288 Marseille, France

**Corresponding Authors*

*Sonia Longhi Aix-Marseille Univ, CNRS, Architecture et Fonction des Macromolécules Biologiques
(AFMB), UMR 7257, 13288 Marseille, France; Tel. +33 (0)4 91 82 55 80; Email:
sonia.longhi@afmb.univ-mrs.fr*

*Stefania Brocca Department of Biotechnology and Biosciences, State University of Milano-Bicocca,
Piazza della Scienza 2, 20126, Milano, Italy, Tel. +39 02 6448 3518; Email:
stefania.brocca@unimib.it*

Keywords: IDPs; compaction index; κ value-normalized compaction index; small-angle X-ray
scattering; charged distribution, proline content;

Download English Version:

<https://daneshyari.com/en/article/8300679>

Download Persian Version:

<https://daneshyari.com/article/8300679>

[Daneshyari.com](https://daneshyari.com)