## Accepted Manuscript

Local structural motifs in proteins: Detection and characterization of fragments inserted in helices



Nicole Balasco, Giovanni Smaldone, Alessia Ruggiero, Alfonso De Simone, Luigi Vitagliano

PII:	S0141-8130(18)32822-8
DOI:	doi:10.1016/j.ijbiomac.2018.07.047
Reference:	BIOMAC 10091
To appear in:	International Journal of Biological Macromolecules
Received date:	8 June 2018
Revised date:	6 July 2018
Accepted date:	11 July 2018

Please cite this article as: Nicole Balasco, Giovanni Smaldone, Alessia Ruggiero, Alfonso De Simone, Luigi Vitagliano, Local structural motifs in proteins: Detection and characterization of fragments inserted in helices. Biomac (2018), doi:10.1016/j.ijbiomac.2018.07.047

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.

## **ACCEPTED MANUSCRIPT**

Local structural motifs in proteins: detection and characterization of fragments inserted in helices

Nicole Balasco<sup>1\*</sup>, Giovanni Smaldone<sup>2</sup>, Alessia Ruggiero<sup>1</sup>, Alfonso De Simone<sup>3</sup>, Luigi Vitagliano<sup>1\*</sup>

<sup>1</sup>Institute of Biostructures and Bioimaging, C.N.R., Naples, Italy

<sup>2</sup>IRCCS SDN, Via Emanuele Gianturco 113, Naples, Italy

<sup>3</sup>Division of Molecular Biosciences, Imperial College South Kensington Campus, London SW7

2AZ, UK

\*Correspondence: luigi.vitagliano@unina.it, nicole.balasco@unicampania.it, postal address Via Mezzocannone 16, IBB-CNR, Naples I-80134, Italy; phone number 0039-0812534506

Keywords: helix insertion, glycine residue, Ramachandran space, protein stability

Download English Version:

## https://daneshyari.com/en/article/10156886

Download Persian Version:

https://daneshyari.com/article/10156886

Daneshyari.com