## Author's Accepted Manuscript

Fundamental amino acid mass distributions and entropy costs in proteomes

Jean Lehmann, Albert Libchaber, Benjamin D. Greenbaum



www.elsevier.com/locate/vitbi

PII: S0022-5193(16)30248-X

DOI: http://dx.doi.org/10.1016/j.jtbi.2016.08.011

Reference: YJTBI8779

To appear in: Journal of Theoretical Biology

Received date: 25 November 2015 Revised date: 25 July 2016 Accepted date: 10 August 2016

Cite this article as: Jean Lehmann, Albert Libchaber and Benjamin D Greenbaum, Fundamental amino acid mass distributions and entropy costs i p r o t e o m e s , *Journal of Theoretical Biology* http://dx.doi.org/10.1016/j.jtbi.2016.08.011

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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**

#### Fundamental amino acid mass distributions and entropy costs in proteomes

Jean Lehmann<sup>1</sup>, Albert Libchaber<sup>2,3</sup> and Benjamin D. Greenbaum<sup>2,4</sup>

<sup>1</sup>Institute for Integrative Biology of the Cell (I2BC), CEA, CNRS, Université Paris Sud, 1 avenue de la terrasse, 91198 Gif sur Yvette, France

<sup>2</sup>The Simons Center for Systems Biology, Institute for Advanced Study, 1 Einstein Dr, Princeton, NJ 08540, USA

<sup>3</sup>Center for Studies in Physics and Biology, The Rockefeller University, 1230 York Ave, New York, NY 10065, USA

<sup>4</sup>Tisch Cancer Institute, Departments of Medicine, Division of Hematology and Medical Oncology, and Pathology,

Icahn School of Medicine at Mount Sinai

1428 Madison Avenue, New York, NY 10029, USA

Corresponding Author: Benjamin Greenbaum, benjamin.greenbaum@mssm.edu

**Abstract** 

#### Download English Version:

# https://daneshyari.com/en/article/6368848

Download Persian Version:

https://daneshyari.com/article/6368848

<u>Daneshyari.com</u>