Accepted Manuscript

Title: Conformational Landscapes of Ubiquitin, Cytochrome c, and Myoglobin: Uniform Field Ion Mobility Measurements in Helium and Nitrogen Drift Gas

Authors: Jody C. May, Ewa Jurneczko, Sarah M. Stow, Isabel Kratochvil, Stefan Kalkhof, John A. McLean

PII:	S1387-3806(17)30234-8
DOI:	https://doi.org/10.1016/j.ijms.2017.09.014
Reference:	MASPEC 15877
To appear in:	International Journal of Mass Spectrometry
Received date:	4-5-2017
Revised date:	18-9-2017
Accepted date:	29-9-2017

Please cite this article as: Jody C.May, Ewa Jurneczko, Sarah M.Stow, Isabel Kratochvil, Stefan Kalkhof, John A.McLean, Conformational Landscapes of Ubiquitin, Cytochrome c, and Myoglobin: Uniform Field Ion Mobility Measurements in Helium and Nitrogen Drift Gas, International Journal of Mass Spectrometry https://doi.org/10.1016/j.ijms.2017.09.014

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

Conformational Landscapes of Ubiquitin, Cytochrome c, and Myoglobin: Uniform Field Ion Mobility Measurements in Helium and Nitrogen Drift Gas

Jody C. May^a, Ewa Jurneczko^a, Sarah M. Stow^{a,1}, Isabel Kratochvil^{b,2}, Stefan Kalkhof^{c,3}, and John A. McLean^a

^a Department of Chemistry, Center for Innovative Technology, Vanderbilt Institute for Integrative Biosystems Research and Education, and Vanderbilt Institute of Chemical Biology, Vanderbilt University, Nashville, Tennessee, 37235, United States.

^b Institute of Biochemistry, Faculty of Biosciences, Pharmacy and Psychology, Leipzig University, 04103 Leipzig, Germany

^c Department of Molecular Systems Biology, Helmholtz-Centre for Environmental Research - UFZ, 04318 Leipzig, Germany

Corresponding Author:

John A. McLean VU Station B #351822 2301 Vanderbilt Place Nashville, TN 37235-1822 Email: john.a.mclean@vanderbilt.edu

¹ Present Address: Agilent Technologies, Santa Clara, CA, USA

² Present Address: Department of Molecular Systems Biology, Helmholtz-Centre for Environmental Research - UFZ, Permoserstraße 15, 04318 Leipzig, Germany
³ Present Address: Institute of Bioanalysis, University of Applied Sciences and Arts of Coburg, 96450 Coburg, Germany

Download English Version:

https://daneshyari.com/en/article/7603035

Download Persian Version:

https://daneshyari.com/article/7603035

Daneshyari.com