

Accepted Manuscript

In-depth analysis of protein inference algorithms using multiple search engines and well-defined metrics

Enrique Audain, Julian Uszkoreit, Timo Sachsenberg, Julianus Pfeuffer, Xiao Liang, Henning Hermjakob, Aniel Sanchez, Martin Eisenacher, Knut Reinert, David L. Tabb, Oliver Kohlbacher, Yasset Perez-Riverol

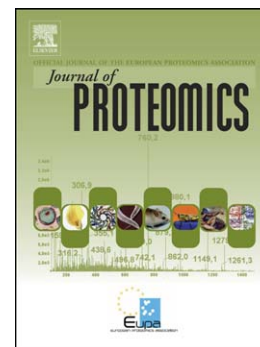
PII: S1874-3919(16)30344-X
DOI: doi: [10.1016/j.jprot.2016.08.002](https://doi.org/10.1016/j.jprot.2016.08.002)
Reference: JPROT 2646

To appear in: *Journal of Proteomics*

Received date: 20 May 2016
Revised date: 30 July 2016
Accepted date: 2 August 2016

Please cite this article as: Audain Enrique, Uszkoreit Julian, Sachsenberg Timo, Pfeuffer Julianus, Liang Xiao, Hermjakob Henning, Sanchez Aniel, Eisenacher Martin, Reinert Knut, Tabb David L., Kohlbacher Oliver, Perez-Riverol Yasset, In-depth analysis of protein inference algorithms using multiple search engines and well-defined metrics, *Journal of Proteomics* (2016), doi: [10.1016/j.jprot.2016.08.002](https://doi.org/10.1016/j.jprot.2016.08.002)

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.



In-depth Analysis of Protein Inference algorithms using multiple search engines and well-defined metrics.

Enrique Audain^{‡, §, £}, Julian Uszkoreit^{¶, £}, Timo Sachsenberg[§], Julianus Pfeuffer[#], Xiao Liang[#], Henning Hermjakob[¥], Aniel Sanchez[≡], Martin Eisenacher[¶], Knut Reinert[#], David L. Tabb[©], Oliver Kohlbacher^{§, †}, Yasset Perez-Riverol^{¥, *}

‡ Department of Proteomics, Center of Molecular Immunology. Ciudad de la Habana. Cuba;

§ Center for Bioinformatics, Quantitative Biology Center and Department of Computer Science, University of Tübingen, Sand 14, 72076 Tübingen, Germany;

¶ Medizinisches Proteom-Center, Ruhr-Universität Bochum, Universitätsstr. 150, D-44801 Bochum, Germany;

¥ European Molecular Biology Laboratory, European Bioinformatics Institute (EMBL- EBI), Wellcome Trust Genome Campus, Hinxton, Cambridge, CB10 1SD, UK.

≡ Department of Translational Medicine, Faculty of Medicine, Lund University Malmö, Sweden

Algorithmic Bioinformatics, Institut für Informatik, Freie Universität Berlin, Takustraße 9, 14195 Berlin

© Department of Biomedical Informatics, Vanderbilt University School of Medicine, Nashville, TN, 37232.

† Biomolecular Interactions, Max Planck Institute for Developmental Biology, Spemannstr. 35, 72076 Tübingen, Germany

£ Both authors contributed equally to this work.

* Corresponding author: Dr. Yasset Perez-Riverol, E-mail: yperez@ebi.ac.uk, European Molecular Biology Laboratory, European Bioinformatics Institute (EMBL- EBI), Wellcome Trust Genome Campus, Hinxton, Cambridge, CB10 1SD, UK. Tel.: +44 1223 492 610; Fax: +44 1223 494 484.

Download English Version:

<https://daneshyari.com/en/article/7634119>

Download Persian Version:

<https://daneshyari.com/article/7634119>

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