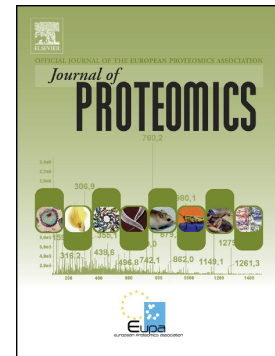


## Accepted Manuscript

A curated gluten protein sequence database to support development of proteomics methods for determination of gluten in gluten-free foods

Sophie Bromilow, Lee A. Gethings, Mike Buckley, Mike Bromley, Peter R. Shewry, James I. Langridge, E.N. Clare Mills



PII: S1874-3919(17)30117-3  
DOI: doi: [10.1016/j.jprot.2017.03.026](https://doi.org/10.1016/j.jprot.2017.03.026)  
Reference: JPROT 2814

To appear in: *Journal of Proteomics*

Received date: 24 January 2017  
Revised date: 20 March 2017  
Accepted date: 28 March 2017

Please cite this article as: Sophie Bromilow, Lee A. Gethings, Mike Buckley, Mike Bromley, Peter R. Shewry, James I. Langridge, E.N. Clare Mills , A curated gluten protein sequence database to support development of proteomics methods for determination of gluten in gluten-free foods. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jprot(2017), doi: [10.1016/j.jprot.2017.03.026](https://doi.org/10.1016/j.jprot.2017.03.026)

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.

**A curated gluten protein sequence database to support development of proteomics  
methods for determination of gluten in gluten-free foods**

**Sophie Bromilow<sup>1</sup> Lee A. Gethings<sup>3</sup>, Mike Buckley<sup>2</sup>, Mike Bromley<sup>4</sup>, Peter R. Shewry<sup>5</sup>,  
James I. Langridge<sup>3</sup> and E.N. Clare Mills<sup>1\*</sup>**

<sup>1</sup>School of Biological Sciences, Manchester Institute of Biotechnology, Manchester Academic Health Sciences Centre, University of Manchester, UK, M17DN

<sup>2</sup>School of Earth and Environmental Sciences, Manchester Institute of Biotechnology, University of Manchester, UK, M17DN.

<sup>3</sup>Waters Corporation, Stamford Avenue, Altrincham Road, Wilmslow, UK SK9 4AX.

<sup>4</sup> Genon Laboratories Limited, Cragg Vale, Halifax, UK.

<sup>5</sup>Rothamsted Research, Harpenden, UK.

Key words: Triticum aestivum, gluten, celiac toxic motif, database, proteomics

Download English Version:

<https://daneshyari.com/en/article/5138516>

Download Persian Version:

<https://daneshyari.com/article/5138516>

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