

Enriching Protein Structure Visualizations with Mutation Annotations Obtained by Text Mining Protein Engineering Literature

Submitted by [rene](#) [1] on Tue, 2010-08-24 09:48

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Title	Enriching Protein Structure Visualizations with Mutation Annotations Obtained by Text Mining Protein Engineering Literature
Publication Type	Conference Paper
Year of Publication	2004
Refereed Designation	Refereed
Authors	Baker, C. J. O. [10], and R. Witte [11]
Conference Name	The 3rd Canadian Working Conference on Computational Biology (CCCB'04)
Date Published	October 4
Conference Location	Markham, Ontario, Canada
Keywords	ProSAT [12], Protein Function [13], Protein Structure Annotation [14], text mining [15], Xylanase [16]
Abstract	Protein structure visualization tools render images that allow the user to explore structural features of a protein. Context specific information relating to a particular protein or protein family is not easily integrated and must be uploaded from databases or provided through manual curation of input files. We describe a mixed natural language processing and sequence analysis based approach for the retrieval of mutation specific annotations from full text articles for rendering with protein structures.
Notes	Co-located with IBM CASCON.
URL	https://www-927.ibm.com/ibm/cas/publications/TR-74.203/8/TR-74-203-8.pdf [17]
Copyright	Copyright © 2004 Christopher Baker and René Witte.
Attachment	Size
baker_witte_cccb04.pdf [18]	272.1 KB



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