

Accepted Manuscript

Prediction of interface residue based on the features of residue interaction network

Xiong Jiao , Shoba Ranganathan

PII: S0022-5193(17)30380-6
DOI: [10.1016/j.jtbi.2017.08.014](https://doi.org/10.1016/j.jtbi.2017.08.014)
Reference: YJTBI 9178



To appear in: *Journal of Theoretical Biology*

Received date: 18 April 2017
Revised date: 31 July 2017
Accepted date: 13 August 2017

Please cite this article as: Xiong Jiao , Shoba Ranganathan , Prediction of interface residue based on the features of residue interaction network, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.08.014](https://doi.org/10.1016/j.jtbi.2017.08.014)

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.

Highlights

- A decent model for predicting interface residue was built via the features of residue interaction network.
- The result of prediction is consistent with other relevant forecasting results.
- The relative importance of residue interaction network features was evaluated via the removing of a specified feature in the input vector of the prediction.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5760269>

Download Persian Version:

<https://daneshyari.com/article/5760269>

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