

Resource Summary Report

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Rankprop - Protein Ranking by Network Propagation

RRID:SCR_007159

Type: Tool

Proper Citation

Rankprop - Protein Ranking by Network Propagation (RRID:SCR_007159)

Resource Information

URL: <http://rankprop.gs.washington.edu/>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented May 10, 2017. A pilot effort that has developed a centralized, web-based biospecimen locator that presents biospecimens collected and stored at participating Arizona hospitals and biospecimen banks, which are available for acquisition and use by researchers. Researchers may use this site to browse, search and request biospecimens to use in qualified studies. The development of the ABL was guided by the Arizona Biospecimen Consortium (ABC), a consortium of hospitals and medical centers in the Phoenix area, and is now being piloted by this Consortium under the direction of ABRC. You may browse by type (cells, fluid, molecular, tissue) or disease. Common data elements decided by the ABC Standards Committee, based on data elements on the National Cancer Institute's (NCI's) Common Biorepository Model (CBM), are displayed. These describe the minimum set of data elements that the NCI determined were most important for a researcher to see about a biospecimen. The ABL currently does not display information on whether or not clinical data is available to accompany the biospecimens. However, a requester has the ability to solicit clinical data in the request. Once a request is approved, the biospecimen provider will contact the requester to discuss the request (and the requester's questions) before finalizing the invoice and shipment. The ABL is available to the public to browse. In order to request biospecimens from the ABL, the researcher will be required to submit the requested required information. Upon submission of the information, shipment of the requested biospecimen(s) will be dependent on the scientific and institutional review approval. Account required. Registration is open to everyone.. Documented on May,18,2020. Ranking algorithm that exploits global network structure of similarity relationships among proteins in database by performing diffusion operation on protein similarity network with weighted edges. Source code and web server for searching non-redundant protein database. Web server ranks proteins found in NRDB40 (from PairsDB) against query sequence of amino acids using Rankprop algorithm.

Synonyms: Rankprop

Resource Type: source code, software resource, service resource, web service, data access protocol

Defining Citation: [PMID:16723003](#)

Keywords: Ranking algorithm, network structure, protein database, similarity relationship, protein similarity network, weighted adges, non redundat protein database, protein database search

Funding: NSF EIA-0312706;
NSF DBI-0243257;
NIGMS GM74257

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Rankprop - Protein Ranking by Network Propagation

Resource ID: SCR_007159

Alternate IDs: nlx_50351

Old URLs: <http://rankprop.gs.washington.edu/info.php>

Record Creation Time: 20220129T080240+0000

Record Last Update: 20250412T055148+0000

Ratings and Alerts

No rating or validation information has been found for Rankprop - Protein Ranking by Network Propagation.

No alerts have been found for Rankprop - Protein Ranking by Network Propagation.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.