

Resource Summary Report

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B Cell Interactome

RRID:SCR_008655

Type: Tool

Proper Citation

B Cell Interactome (RRID:SCR_008655)

Resource Information

URL: <http://wiki.c2b2.columbia.edu/califanolab/index.php/BCellInteractome.htm>

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Description: A network of protein-protein, protein-DNA and modulatory interactions in human B cells. The network contains known interactions (reported in public databases) and predicted interactions by a Bayesian evidence integration framework which integrates a variety of generic and context specific experimental clues about protein-protein and protein-DNA interactions with inferences from different reverse engineering algorithms, such as GeneWays and ARACNE. Modulatory interactions are predicted by the MINDY, an algorithm for the prediction of modulators of transcriptional interactions (please refer to the publication section for more information). The BCI can be downloaded as one tab delimited file containing the complete network (BCI.txt) with each type of interaction explicitly defined.

Abbreviations: BCI

Resource Type: database, data or information resource, model

Defining Citation: [PMID:18277385](#)

Keywords: expression, generic, bayesian, b cell, dna, human, interaction, interactome, modulatory, protein, transcriptional

Availability: Available for download

Resource Name: B Cell Interactome

Resource ID: SCR_008655

Alternate IDs: nif-0000-33034

License:

http://wiki.c2b2.columbia.edu/califanolab/index.php/Software_Registration?software=BCI&version=1

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260819T044228+0000

Ratings and Alerts

No rating or validation information has been found for B Cell Interactome.

No alerts have been found for B Cell Interactome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Mani KM, et al. (2008) A systems biology approach to prediction of oncogenes and molecular perturbation targets in B-cell lymphomas. Molecular systems biology, 4, 169.