Resource Summary Report

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BISC

RRID:SCR_002064
Type: Tool

Proper Citation

BISC (RRID:SCR_002064)

Resource Information

URL: http://bisc.soe.ucsc.edu/

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Description: A protein-protein interaction (PPI) database intending to bridge between the two communities most active in their characterization: structural biology and functional genomics researchers. It offers users access to binary subcomplexes, (i.e. physical direct interactions between proteins) that are either structurally characterized or modellable entries in the main functional genomics PPI databases BioGRID, IntAct and HPRD. Selected web services are available to further investigate the validity of postulated PPI by inspection of their hypothetical modelled interfaces.

Abbreviations: BISC

Synonyms: BInary SubComplex Database

Resource Type: database, data or information resource

Defining Citation: PMID:21081561

Keywords: protein-protein interaction, binary subcomplex, bio.tools

Funding:

Availability: Free, Public

Resource Name: BISC

Resource ID: SCR_002064

Alternate IDs: OMICS_01902, biotools:bisc

Alternate URLs: https://bio.tools/bisc

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250412T054647+0000

Ratings and Alerts

No rating or validation information has been found for BISC.

No alerts have been found for BISC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Durkin AM, et al. (2024) Investigating Exposure and Hazards of Micro- and Nanoplastics During Pregnancy and Early Life (AURORA Project): Protocol for an Interdisciplinary Study. JMIR research protocols, 13, e63176.

Cserbik D, et al. (2024) Concentrations of per- and polyfluoroalkyl substances (PFAS) in paired tap water and blood samples during pregnancy. Journal of exposure science & environmental epidemiology, 34(1), 90.

Liebig J, et al. (2021) Neural processing of vision and language in kindergarten is associated with prereading skills and predicts future literacy. Human brain mapping, 42(11), 3517.

Hage H, et al. (2021) Distribution of methionine sulfoxide reductases in fungi and conservation of the free-methionine-R-sulfoxide reductase in multicellular eukaryotes. Free radical biology & medicine, 169, 187.

Cai G, et al. (2021) SARS-CoV-2 Impairs Dendritic Cells and Regulates DC-SIGN Gene Expression in Tissues. International journal of molecular sciences, 22(17).

Karachaliou M, et al. (2021) Infection induced SARS-CoV-2 seroprevalence and heterogeneity of antibody responses in a general population cohort study in Catalonia Spain. Scientific reports, 11(1), 21571.

Wells M, et al. (2020) Methane, arsenic, selenium and the origins of the DMSO reductase family. Scientific reports, 10(1), 10946.

Mayer C, et al. (2019) Literacy Training of Kindergarten Children With Pencil, Keyboard or Tablet Stylus: The Influence of the Writing Tool on Reading and Writing Performance at the Letter and Word Level. Frontiers in psychology, 10, 3054.

Cao Z, et al. (2018) Methionine sulfoxide reductase B3 requires resolving cysteine residues for full activity and can act as a stereospecific methionine oxidase. The Biochemical journal, 475(4), 827.

Dhouib R, et al. (2016) A Novel, Molybdenum-Containing Methionine Sulfoxide Reductase Supports Survival of Haemophilus influenzae in an In vivo Model of Infection. Frontiers in microbiology, 7, 1743.