

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

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., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: BISC

Synonyms: Blnary SubComplex Database

Resource Type: data or information resource, database

Defining Citation: [PMID:21081561](#)

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

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: BISC

Resource ID: SCR_002064

Alternate IDs: OMICS_01902, biotools:bisc

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

Record Creation Time: 20220129T080211+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 14 mentions in open access literature.

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

Antar H, et al. (2025) Orchestrated long-distance gene activation by a ParB-like BisD-CTP DNA clamp in low-frequency transfer competence development in *Pseudomonas putida*. *Nucleic acids research*, 53(15).

Warkentin S, et al. (2025) Dietary patterns and exposure to non-persistent endocrine-disrupting chemicals during pregnancy. *Environment international*, 202, 109612.

Jedynak P, et al. (2025) Prenatal Exposure to Synthetic Phenols Assessed in Multiple Urine Samples and Dysregulation of Steroid Hormone Homeostasis in Two European Cohorts. *Environmental health perspectives*, 133(5), 57011.

G??mez-Herrera L, et al. (2025) Air pollution and fetal brain morphological development: a prospective cohort study. *The Lancet. Planetary health*, 9(6), e480.

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.

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).

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.

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.