Biological General Repository for Interaction Datasets (BioGRID)

RRID:SCR_007393
Type: Tool

Proper Citation

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Resource Information

**URL:** [http://www.thebiogrid.org/](http://www.thebiogrid.org/)

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**Description:** Curated protein-protein and genetic interaction repository of raw protein and genetic interactions from major model organism species, with data compiled through comprehensive curation efforts.

**Abbreviations:** BioGRID

**Synonyms:** Biological General Repository for Interaction Datasets, BioGRID,

**Resource Type:** data or information resource, software resource, database

**Defining Citation:** PMID:23203989, PMID:21071413, PMID:16381927, PMID:12620108

**Keywords:** budding yeast, fission yeast, protein, gene, protein interaction, genetic interaction, model organism, interaction, dataset, gene annotation, phenotype, orthologous interaction, yeast, cellular interaction network, physical interaction, protein-peptide, protein-rna, protein-protein interaction, genetics, publication, raw protein, genetic interaction, web service, pathway, network, biology, gene mapping, statistics, bio.tools, FASEB list

**Funding Agency:** NCRR, NHGRI, Canadian Institutes of Health Research, BBSRC, NIH Office of the Director

**Availability:** Free, Freely available
**Resource Name:** Biological General Repository for Interaction Datasets (BioGRID)  
**Resource ID:** SCR_007393  
**Alternate IDs:** nif-0000-00432, OMICS_01901, biotools:the_grid  

### Ratings and Alerts

No rating or validation information has been found for Biological General Repository for Interaction Datasets (BioGRID).

No alerts have been found for Biological General Repository for Interaction Datasets (BioGRID).

### Data and Source Information

**Source:** [SciCrunch Registry](https://www.sci-crunch.org/)

### Usage and Citation Metrics

We found 2094 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](https://www.rcSCR.org).


Lee CJ, et al. (2023) Machine learning with in silico analysis markedly improves survival prediction modeling in colon cancer patients. Cancer medicine, 12(6), 7603.


Kang EJ, et al. (2023) The couple of netrin-1/?-Synuclein regulates the survival of dopaminergic neurons via ?-Synuclein disaggregation. BMB reports, 56(2), 126.

Li D, et al. (2023) CST1 inhibits ferroptosis and promotes gastric cancer metastasis by regulating GPX4 protein stability via OTUB1. Oncogene, 42(2), 83.


Liu W, et al. (2023) CD73, a Promising Therapeutic Target of Diclofenac, Promotes Metastasis of Pancreatic Cancer through a Nucleotidase Independent Mechanism. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 10(6), e2206335.


Yin L, et al. (2023) Transcription Factor Dynamics in Cross-Regulation of Plant Hormone