

Resource Summary Report

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DroID - Drosophila Interactions Database

RRID:SCR_006634

Type: Tool

Proper Citation

DroID - Drosophila Interactions Database (RRID:SCR_006634)

Resource Information

URL: <http://www.droidb.org>

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Description: A gene and protein interactions database designed specifically for the model organism Drosophila including protein-protein, transcription factor-gene, microRNA-gene, and genetic interactions. For advanced searches and dynamic graphing capabilities the IM Browser and a DroID Cytoscape plugin are available.

Abbreviations: DroID

Synonyms: DroID - The Drosophila Interactions Database

Resource Type: data or information resource, database

Defining Citation: [PMID:21036869](#), [PMID:18840285](#)

Keywords: interaction, gene, protein, protein interaction, annotation, transcription factor, rna, protein-protein interaction, interactome, gene expression, phenotype, interolog, ortholog

Availability: Free, Public, Acknowledgement requested

Resource Name: DroID - Drosophila Interactions Database

Resource ID: SCR_006634

Alternate IDs: nif-0000-02767, OMICS_01908

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260811T043258+0000

Ratings and Alerts

No rating or validation information has been found for DroID - Drosophila Interactions Database.

No alerts have been found for DroID - Drosophila Interactions Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Tarikere S, et al. (2025) Chinmo is a novel regulator of differential Hippo signaling response within a single developing organ. bioRxiv : the preprint server for biology.

Veitia RA, et al. (2025) Deciphering the Impact of AKT1 Pathogenic Variants in Juvenile Granulosa Cell Tumors Using a Drosophila Model. Molecular & cellular proteomics : MCP, 24(12), 101466.

Dayal Aggarwal D, et al. (2024) Decoding the connection between lncRNA and obesity: Perspective from humans and Drosophila. Heliyon, 10(15), e35327.

Huang W, et al. (2024) Spatially aligned graph transfer learning for characterizing spatial regulatory heterogeneity. Briefings in bioinformatics, 26(1).

Yang Y, et al. (2024) Innate immune and proinflammatory signals activate the Hippo pathway via a Tak1-STRIPAK-Tao axis. Nature communications, 15(1), 145.

Na D, et al. (2023) A multi-layered network model identifies Akt1 as a common modulator of neurodegeneration. Molecular systems biology, 19(12), e11801.

Ermanoska B, et al. (2023) Tyrosyl-tRNA synthetase has a noncanonical function in actin bundling. Nature communications, 14(1), 999.

Ábrahám E, et al. (2023) Plk4 Is a Novel Substrate of Protein Phosphatase 5. International journal of molecular sciences, 24(3).

Shen R, et al. (2022) A dRASSF-STRIPAK-Imd-JAK/STAT axis controls antiviral immune response in Drosophila. Cell reports, 40(4), 111143.

Rech GE, et al. (2022) Population-scale long-read sequencing uncovers transposable elements associated with gene expression variation and adaptive signatures in Drosophila. Nature communications, 13(1), 1948.

Tain LS, et al. (2021) Tissue-specific modulation of gene expression in response to lowered insulin signalling in Drosophila. eLife, 10.

Kazazian K, et al. (2020) FAM46C/TENT5C functions as a tumor suppressor through inhibition of Plk4 activity. *Communications biology*, 3(1), 448.

Bozzato A, et al. (2020) Arginine kinase interacts with 2MIT and is involved in *Drosophila melanogaster* short-term memory. *Journal of insect physiology*, 127, 104118.

Aromolaran O, et al. (2020) Essential gene prediction in *Drosophila melanogaster* using machine learning approaches based on sequence and functional features. *Computational and structural biotechnology journal*, 18, 612.

Gupta SK, et al. (2020) Genome-wide inference of the *Camponotus floridanus* protein-protein interaction network using homologous mapping and interacting domain profile pairs. *Scientific reports*, 10(1), 2334.

Kumar T, et al. (2020) Topology-driven protein-protein interaction network analysis detects genetic sub-networks regulating reproductive capacity. *eLife*, 9.

Fraïsse C, et al. (2019) Pleiotropy Modulates the Efficacy of Selection in *Drosophila melanogaster*. *Molecular biology and evolution*, 36(3), 500.

Guo P, et al. (2019) Nerfin-1 represses transcriptional output of Hippo signaling in cell competition. *eLife*, 8.

Chen C, et al. (2018) Cytokine receptor-Eb1 interaction couples cell polarity and fate during asymmetric cell division. *eLife*, 7.

Guen VJ, et al. (2017) The awakening of the CDK10/Cyclin M protein kinase. *Oncotarget*, 8(30), 50174.