

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: 20260729T044136+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 35 mentions in open access literature.

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

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.

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.

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.

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

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

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.

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.

Fra??sse 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.

Stoiber MH, et al. (2015) Extensive cross-regulation of post-transcriptional regulatory networks in *Drosophila*. *Genome research*, 25(11), 1692.

Pitoniak A, et al. (2015) Mechanisms and functions of Nrf2 signaling in *Drosophila*. *Free radical biology & medicine*, 88(Pt B), 302.