Resource Summary Report

Generated by <u>NIF</u> on May 9, 2025

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

Funding:

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: 20250507T060437+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: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 33 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Dayal Aggarwal D, et al. (2024) Decoding the connection between IncRNA 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.

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

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

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.

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.

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

Gupta SK, et al. (2020) Genome-wide inference of the Camponotus floridanus proteinprotein 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.

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.

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.

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

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

Haider S, et al. (2015) DAPPER: a data-mining resource for protein-protein interactions. BioData mining, 8, 30.

Perkins AD, et al. (2014) An ongoing role for structural sarcomeric components in maintaining Drosophila melanogaster muscle function and structure. PloS one, 9(6), e99362.