Resource Summary Report

Generated by nidm-terms on Jul 28, 2026

FlyMine

RRID:SCR_002694
Type: Tool

Proper Citation

FlyMine (RRID:SCR_002694)

Resource Information

URL: http://www.flymine.org/

Proper Citation: FlyMine (RRID:SCR_002694)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 14,2026. Integrated database of genomic, expression and protein data for Drosophila, Anopheles, C. elegans and other organisms. You can run flexible queries, export results and analyze lists of data. FlyMine presents data in categories, with each providing information on a particular type of data (for example Gene Expression or Protein Interactions). Template queries, as well as the QueryBuilder itself, allow you to perform searches that span data from more than one category. Advanced users can use a flexible query interface to construct their own data mining queries across the multiple integrated data sources, to modify existing template queries or to create your own template queries. Access our FlyMine data via our Application Programming Interface (API). We provide client libraries in the following languages: Perl, Python, Ruby and & Java API

Abbreviations: FlyMine

Resource Type: database, data or information resource

Defining Citation: PMID:17615057

Keywords: anopheles, genome, c. elegans, drosophila, gene, chromosomal location, genomics, proteomics, gene expression, interaction, homology, function, regulation, protein, phenotype, pathway, disease, publication, FASEB list

Funding: Wellcome Trust 067205;
NHGRI

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: FlyMine

Resource ID: SCR_002694

Alternate IDs: nif-0000-02845

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260725T190528+0000

Ratings and Alerts

No rating or validation information has been found for FlyMine.

No alerts have been found for FlyMine.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 104 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Li X, et al. (2025) Diacylglycerol metabolism drives host-pathogen responses during enteric infection in Drosophila. bioRxiv : the preprint server for biology.

Boyko AV, et al. (2025) Some molecular aspects of larval development in Paralithodes camtschaticus. PloS one, 20(4), e0322234.

Krabbenhoft SD, et al. (2025) Investigating oncoprotein-mediated chromatin dysregulation in Drosophila melanogaster uncovers novel modifiers of the developmental impact of H3 K27M and EZHIP. bioRxiv : the preprint server for biology.

Perlegos AE, et al. (2024) Cell type-specific regulation of m6 A modified RNAs in the aging Drosophila brain. Aging cell, 23(3), e14076.

Hrdina A, et al. (2024) The endosymbiont Spiroplasma poulsonii increases Drosophila melanogaster resistance to pathogens by enhancing iron sequestration and melanization. mBio, 15(8), e0093624.

Leitão AB, et al. (2024) Recognition of nonself is necessary to activate Drosophila's immune response against an insect parasite. BMC biology, 22(1), 89.

Perlegos AE, et al. (2024) TDP-43 impairs sleep in Drosophila through Ataxin-2-dependent metabolic disturbance. Science advances, 10(2), eadj4457.

Hikawa N, et al. (2024) Mating-induced increase of kynurenine in Drosophila ovary enhances starvation resistance of progeny. The Journal of biological chemistry, 300(3), 105663.

Samuels TJ, et al. (2024) Two distinct waves of transcriptome and translatome changes drive Drosophila germline stem cell differentiation. The EMBO journal, 43(8), 1591.

Lee JY, et al. (2024) Murine glial protrusion transcripts predict localized Drosophila glial mRNAs involved in plasticity. The Journal of cell biology, 223(10).

Talross GJS, et al. (2023) The rich non-coding RNA landscape of the Drosophila antenna. Cell reports, 42(5), 112482.

Glaser-Schmitt A, et al. (2023) Dynamics and stage-specificity of between-population gene expression divergence in the Drosophila melanogaster larval fat body. PLoS genetics, 19(4), e1010730.

Mendaluk A, et al. (2023) A genome-wide RNAi screen for genes important for proliferation of cultured Drosophila cells at low temperature identifies the Ball/VRK protein kinase. Chromosoma, 132(1), 31.

Burghardt E, et al. (2023) Transcriptome analysis reveals temporally regulated genetic networks during Drosophila border cell collective migration. BMC genomics, 24(1), 728.

Krej?ová G, et al. (2023) Macrophage-derived insulin antagonist ImpL2 induces lipoprotein mobilization upon bacterial infection. The EMBO journal, 42(23), e114086.

Perlegos AE, et al. (2023) dTrmt10A impacts Hsp70 chaperone m6A levels and the stress response in the Drosophila brain. Scientific reports, 13(1), 22999.

Ramesh R, et al. (2023) Dietary Sugar Shifts Mitochondrial Metabolism and Small RNA Biogenesis in Sperm. Antioxidants & redox signaling, 38(16-18), 1167.

Wippich F, et al. (2023) Nutritional stress-induced regulation of microtubule organization and mRNP transport by HDAC1 controlled ?-tubulin acetylation. Communications biology, 6(1), 776.

Ismail JN, et al. (2023) Phenotypic and transcriptomic impact of expressing mammalian TET2 in the Drosophila melanogaster model. Epigenetics, 18(1), 2192375.

Shaka M, et al. (2022) Lipopolysaccharide -mediated resistance to host antimicrobial peptides and hemocyte-derived reactive-oxygen species are the major Providencia alcalifaciens virulence factors in Drosophila melanogaster. PLoS pathogens, 18(9), e1010825.