FlyBase

RRID:SCR_006549
Type: Tool

Proper Citation

FlyBase (RRID:SCR_006549)

Resource Information

URL: http://flybase.org/

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Description: Database of Drosophila genetic and genomic information with information about stock collections and fly genetic tools. Gene Ontology (GO) terms are used to describe three attributes of wild-type gene products: their molecular function, the biological processes in which they play a role, and their subcellular location. Additionally, FlyBase accepts data submissions. FlyBase can be searched for genes, alleles, aberrations and other genetic objects, phenotypes, sequences, stocks, images and movies, controlled terms, and Drosophila researchers using the tools available from the "Tools" drop-down menu in the Navigation bar.

Abbreviations: FB


Resource Type: storage service resource, database, service resource, topical portal, organism-related portal, data or information resource, data repository, portal


Keywords: RIN, Resource Information Network, mutant, gene, genome, blast, genotype, phenotype, allele, sequence, stock, image, movie, controlled term, video resource, image
collection, life-cycle, genome, expression, rna-seq, genetics, drosophilidae, bio.tools, FASEB list

**Funding Agency:** MRC, Indiana Genomics Initiative, NSF, NIH Blueprint for Neuroscience Research, NIHGRI

**Availability:** Restricted

**Resource Name:** FlyBase

**Resource ID:** SCR_006549

**Alternate IDs:** nif-0000-00558, OMICS_01649, biotools:flybase

**Alternate URLs:** https://bio.tools/flybase

**Old URLs:** http://flybase.net

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**Ratings and Alerts**

No rating or validation information has been found for FlyBase.

No alerts have been found for FlyBase.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 3440 mentions in open access literature.

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


Ribeiro LB, et al. (2023) Host Preferences Shown by Drosophilids (Diptera) in a Commercial Fruit and Vegetable Distribution Center Follow the Wild Neotropical Pattern. Insects, 14(4).

Meghini F, et al. (2023) APC/C-dependent degradation of Spd2 regulates centrosome asymmetry in Drosophila neural stem cells. EMBO reports, 24(4), e55607.


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


Trammell CE, et al. (2023) Insulin-mediated endothelin signaling is antiviral during West Nile virus infection. bioRxiv: the preprint server for biology.

Yoon JS, et al. (2023) Selection and Comparative Gene Expression of Midgut-Specific Targets for Drosophila suzukii. Insects, 14(1).


Klaus L, et al. (2023) Systematic identification and characterization of repressive domains in Drosophila transcription factors. The EMBO journal, 42(3), e112100.


Lu GA, et al. (2023) Canalization of Phenotypes-When the Transcriptome is Constantly but Weakly Perturbed. Molecular biology and evolution, 40(1).


Bonello TT, et al. (2023) Phase separation of Hippo signalling complexes. The EMBO journal, 42(6), e112863.


Tang X, et al. (2023) Hypoxia-induced tracheal elasticity in vector beetle facilitates the loading of pinewood nematode. eLife, 12.