

# Resource Summary Report

Generated by NIF on Aug 9, 2026

## Drosophila Genomics Resource Center

RRID:SCR\_002845

Type: Tool

### Proper Citation

Drosophila Genomics Resource Center (RRID:SCR\_002845)

### Resource Information

**URL:** <https://dgrc.bio.indiana.edu/Home>

**Proper Citation:** Drosophila Genomics Resource Center (RRID:SCR\_002845)

**Description:** Serves Drosophila research community by collecting and distributing DNA clones and vectors; collecting and distributing Drosophila cell lines; developing and testing genomics technologies for use in Drosophila and assisting members of the research community in their use.

**Abbreviations:** DGRC

**Synonyms:** Drosophila Genomics Resource Center at Indiana University

**Resource Type:** cell repository, material resource, biomaterial supply resource

**Keywords:** RIN, Resource Information Network, expression, gene, array, cell, clone, dna, drosophila, genomics, karyotype, material, microarray, reagent, research, technology, transcriptome, transformation, vector, FASEB list, RRID Community Authority

**Funding:** NIH Office of the Director P40 OD010949

**Availability:** Restricted

**Resource Name:** Drosophila Genomics Resource Center

**Resource ID:** SCR\_002845

**Alternate IDs:** nif-0000-25420

**Alternate URLs:** <https://orip.nih.gov/comparative-medicine/programs/genetic-biological-and-information-resources>

**Old URLs:** <https://dgrc.cgb.indiana.edu/>

**Record Creation Time:** 20220129T080215+0000

**Record Last Update:** 20260808T190308+0000

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## Ratings and Alerts

No rating or validation information has been found for Drosophila Genomics Resource Center.

No alerts have been found for Drosophila Genomics Resource Center.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 618 mentions in open access literature.

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

Sakr R, et al. (2026) NimA promotes cell adhesion at the blood brain barrier of the Drosophila nervous system. EMBO reports, 27(7), 1648.

Huang N, et al. (2026) Beat II and Side IV keep migrating longitudinal visceral muscle precursor cells on their substratum in Drosophila. Journal of cell science, 139(3).

Fujinaga D, et al. (2026) Two cytochrome P450 epoxidases mediate juvenile hormone biosynthesis in Drosophila melanogaster. Insect biochemistry and molecular biology, 187, 104475.

Lu W, et al. (2026) To Be or Not to Be an Oocyte: Msps/XMAP215 Controls Oocyte Cell Fate in the Drosophila Ovary. bioRxiv : the preprint server for biology.

Morito M, et al. (2026) Flamenco plasticity tunes somatic piRNAs and rewires isoforms, with implications for heritable transposon spread. Life science alliance, 9(7).

Yarikipati P, et al. (2026) Single-cell RNA analysis reveals unexpected hemocyte plasticity and immune cell specialization in a Drosophila overgrowth model. bioRxiv : the preprint server for biology.

T??pfer U, et al. (2026) Mmp2 regulates basement membrane remodeling and dedifferentiation of the visceral musculature during Drosophila metamorphosis. Scientific reports, 16(1).

Sen S, et al. (2026) Radical diffusion, not lifetime, determines the range of peroxidase-based proximity labelling. Journal of cell science, 139(11).

Ohsako T, et al. (2026) Acrosomal protein NEP4 is required for sperm retention in, but not entry into, the female seminal receptacle in Drosophila melanogaster. Genetics, 232(3).

Park HG, et al. (2026) *Drosophila* Abi maintains blood cell homeostasis by promoting clathrin-mediated endocytosis of Notch. *The Journal of cell biology*, 225(3).

Kajal K, et al. (2026) Wdr4 regulates ribosome biogenesis and intestinal homeostasis via let-7. *EMBO reports*, 27(8), 1870.

Morency DT, et al. (2026) Temporal and Cell-Specific Regulation of Synaptic Homeostasis by the Chromatin Remodeler Chd1. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(33), e10538.

Bosch JA, et al. (2026) Multi-omic mapping of *Drosophila* protein secretomes reveals tissue-specific origins and inter-organ trafficking. *Nature communications*, 17(1).

Yoshida Y, et al. (2026) Proximal labeling of the Golgi secretome reveals fat body-derived humoral factors in *Drosophila* disc regeneration. *The Journal of biological chemistry*, 302(7), 113198.

Li Z, et al. (2026) Repulsions instruct synaptic partner matching in an olfactory circuit. *Nature*, 649(8097), 667.

Milano SN, et al. (2026) ATF4-dependent upregulation of Bruno 1 remodels P-bodies to selectively protect mRNAs during ER stress throughout *Drosophila melanogaster* oogenesis. *bioRxiv : the preprint server for biology*.

Xu Y, et al. (2026) *Streptomyces* produce a diphtheria toxin-like exotoxin that targets insects. *Nature microbiology*, 11(5), 1271.

Robinson JW, et al. (2025) The *Drosophila* adult brain: short overview of structure, function, and resources Graphical Review Paper. *Current research in insect science*, 7, 100113.

Akbergenova Y, et al. (2025) Active Zone Maturation Controls Presynaptic Output and Release Mode and Is Regulated by Neuronal Activity. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(48).

Ma M, et al. (2025) Heterozygous variants in *PLCG1* affect hearing, vision, cardiac, and immune function. *eLife*, 13.