

Resource Summary Report

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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: material resource, biomaterial supply resource, cell repository

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: 20260804T043209+0000

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 596 mentions in open access literature.

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

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).

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.

Jayakrishnan M, et al. (2025) Genomic context-dependent histone H3K36 methylation by three Drosophila methyltransferases and implications for dedicated chromatin readers. Nucleic acids research, 53(6).

Knudsen C, et al. (2025) Chondroitin sulfate regulates proliferation of Drosophila intestinal stem cells. PLoS genetics, 21(5), e1011686.

Franzoni G, et al. (2025) Exploring potential cytokine profiles as diagnostic biomarkers for brucellosis in Mediterranean Buffaloes. Frontiers in veterinary science, 12, 1583858.

Viswanatha R, et al. (2025) Higher resolution pooled genome-wide CRISPR knockout screening in Drosophila cells using integration and anti-CRISPR (IntAC). Nature communications, 16(1), 6498.

Matsunaga T, et al. (2025) Odorant receptors mediating avoidance of toxic mustard oils in Drosophila melanogaster are expanded in herbivorous relatives. Molecular biology and evolution.

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

- Jensen CC, et al. (2025) A key role for Canoe's intrinsically disordered region in linking cell junctions to the cytoskeleton. *bioRxiv : the preprint server for biology*.
- de la Maza DS, et al. (2025) Somatic cells compartmentalise their metabolism to sustain germ cell survival. *bioRxiv : the preprint server for biology*.
- Deng X, et al. (2025) Optogenetic perturbation of lipid droplet localization affects lipid metabolism and development in *Drosophila*. *Journal of lipid research*, 66(8), 100848.
- Briney CA, et al. (2025) Muskellin is a substrate adaptor of the highly regulated *Drosophila* embryonic CTLH E3 ligase. *EMBO reports*, 26(6), 1647.
- Dawson LE, et al. (2025) The deubiquitylating enzyme Fat facets promotes Fat signalling and restricts tissue growth. *Nature communications*, 16(1), 1938.
- Milano SN, et al. (2025) The role of ER exit sites in maintaining P-body organization and integrity during *Drosophila melanogaster* oogenesis. *EMBO reports*, 26(2), 494.
- Alizada A, et al. (2025) Transcriptional regulation of the piRNA pathway by Ovo in animal ovarian germ cells. *Genes & development*, 39(3-4), 221.
- Rubanov N, et al. (2025) An endogenous retroviral element co-opts an upstream regulatory sequence to achieve somatic expression and mobility. *Nucleic acids research*, 53(11).
- Hsu FT, et al. (2025) Myc and Tor drive growth and cell competition in the regeneration blastema of *Drosophila* wing imaginal discs. *Development (Cambridge, England)*, 152(24).
- 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*.
- Kashio S, et al. (2025) S-adenosylmethionine metabolism buffering is regulated by a decrease in glycine N-methyltransferase via the nuclear ubiquitin-proteasome system. *Proceedings of the National Academy of Sciences of the United States of America*, 122(26), e2417821122.
- Cuddapah VA, et al. (2025) Rare variants in BMAL1 are associated with a neurodevelopmental syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2427085122.