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

Funding: NIH Office of the Director P40 OD010949

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: 20250421T053338+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 554 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

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.

Cheetham-Wilkinson IJ, et al. (2025) RpH-ILV: Probe for lysosomal pH and acute LLOMe-induced membrane permeabilization in cell lines and Drosophila. Science advances, 11(1), eadr7325.

Fujinaga D, et al. (2025) Functional characterization of eicosanoid signaling in Drosophila development. bioRxiv : the preprint server for biology.

Park JS, et al. (2024) The anti-aging effect of vitamin D and vitamin D receptor in Drosophila midgut. Aging, 16(3), 2005.

Merigliano C, et al. (2024) "Off-pore" nucleoporins relocalize heterochromatic breaks through phase separation. bioRxiv : the preprint server for biology.

Falo-Sanjuan J, et al. (2024) Targeted mutagenesis of specific genomic DNA sequences in animals for the in vivo generation of variant libraries. bioRxiv : the preprint server for biology.

Gallicchio L, et al. (2024) A developmental mechanism to regulate alternative polyadenylation in an adult stem cell lineage. Genes & development, 38(13-14), 655.

Il?k ?A, et al. (2024) Autonomous transposons tune their sequences to ensure somatic

suppression. Nature, 626(8001), 1116.

Lobb-Rabe M, et al. (2024) Neuronal Wiring Receptors Dprs and DIPs Are GPI Anchored and This Modification Contributes to Their Cell Surface Organization. eNeuro, 11(2).

Fisher LAB, et al. (2024) Filamin protects myofibrils from contractile damage through changes in its mechanosensory region. PLoS genetics, 20(6), e1011101.

Huang Y, et al. (2024) Varying recombination landscapes between individuals are driven by polymorphic transposable elements. bioRxiv : the preprint server for biology.

Matsunaga T, et al. (2024) Odorant receptors tuned to isothiocyanates in Drosophila melanogaster and their evolutionary expansion in herbivorous relatives. bioRxiv : the preprint server for biology.

Forbes Beadle L, et al. (2024) A simple MiMIC-based approach for tagging endogenous genes to visualise live transcription in Drosophila. Development (Cambridge, England), 151(24).

Katagade V, et al. (2024) Embryonic spatio-temporal expression pattern of Folded gastrulation (Fog) suggests roles in multiple morphogenetic events and regulation by AbdA. G3 (Bethesda, Md.).

Isaacson JR, et al. (2024) Mistranslating tRNA variants have anticodon- and sex-specific impacts on Drosophila melanogaster. bioRxiv : the preprint server for biology.

Ramat A, et al. (2024) Spatial organization of translation and translational repression in two phases of germ granules. Nature communications, 15(1), 8020.

Raicu AM, et al. (2024) Retinoblastoma protein activity revealed by CRISPRi study of divergent Rbf1 and Rbf2 paralogs. G3 (Bethesda, Md.), 14(12).

Kaul N, et al. (2024) FMRP cooperates with miRISC components to repress translation and regulate neurite morphogenesis in Drosophila. RNA biology, 21(1), 11.

Ridwan SM, et al. (2024) Diffusible fraction of niche BMP ligand safeguards stem-cell differentiation. Nature communications, 15(1), 1166.

Szenci G, et al. (2024) The Ykt6-Snap29-Syx13 SNARE complex promotes crinophagy via secretory granule fusion with Lamp1 carrier vesicles. Scientific reports, 14(1), 3200.