Resource Summary Report

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Vienna Drosophila Resource Center

RRID:SCR_013805

Type: Tool

Proper Citation

Vienna Drosophila Resource Center (RRID:SCR_013805)

Resource Information

URL: http://stockcenter.vdrc.at/control/main

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Description: Biomaterial supply resource which collects, maintains, and distributes independent transgenic fly lines. Most of the 38,000 fly lines are RNAi lines, but VDRC also maintains a collection of enhancer-GAL4 driver lines. Nearly all lines are in duplicate. Users can search for the stocks or DNA constructs for the gene of interest by entering CG number, synonym, or Transformant ID.

Abbreviations: VDRC

Resource Type: instrument resource

Keywords: RIN, Resource Information Network, biomaterial supply resource, drosophila, fly

lines

Availability: Free, Public, Must create an account, Acknowledgment required

Resource Name: Vienna Drosophila Resource Center

Resource ID: SCR_013805

Alternate URLs: http://www.csf.ac.at/facilities/vienna-drosophila-resource-center/,

http://stockcenter.vdrc.at/control/main

Ratings and Alerts

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

No alerts have been found for Vienna Drosophila Resource Center.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 334 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhang H, et al. (2024) Golgi-to-ER retrograde transport prevents premature differentiation of Drosophila type II neuroblasts via Notch-signal-sending daughter cells. iScience, 27(1), 108545.

Tener SJ, et al. (2024) Neuronal knockdown of Cullin3 as a Drosophila model of autism spectrum disorder. Scientific reports, 14(1), 1541.

Ryvkin J, et al. (2024) Failure to mate enhances investment in behaviors that may promote mating reward and impairs the ability to cope with stressors via a subpopulation of Neuropeptide F receptor neurons. PLoS genetics, 20(1), e1011054.

Gao Z, et al. (2024) Patronin regulates presynaptic microtubule organization and neuromuscular junction development in Drosophila. iScience, 27(2), 108944.

Shinno K, et al. (2024) Axonal distribution of mitochondria maintains neuronal autophagy during aging via eIF2?. bioRxiv: the preprint server for biology.

Clemente GD, et al. (2023) A PI3K-calcium-Nox axis primes leukocyte Nrf2 to boost immune resilience and limit collateral damage. The Journal of cell biology, 222(6).

Maruzs T, et al. (2023) Interaction of the sorting nexin 25 homologue Snazarus with Rab11 balances endocytic and secretory transport and maintains the ultrafiltration diaphragm in nephrocytes. Molecular biology of the cell, 34(9), ar87.

Titos I, et al. (2023) A gut-secreted peptide suppresses arousability from sleep. Cell, 186(7), 1382.

Jouandet GC, et al. (2023) Rapid threat assessment in the Drosophila thermosensory system. Nature communications, 14(1), 7067.

Kochendoerfer AM, et al. (2023) Centromere proteins are asymmetrically distributed between newly divided germline stem and daughter cells and maintain a balanced niche in Drosophila males. Molecular biology of the cell, 34(5), ar42.

Sgammeglia N, et al. (2023) Memory phase-specific genes in the Mushroom Bodies identified using CrebB-target DamID. PLoS genetics, 19(6), e1010802.

Tian Y, et al. (2023) A mechanosensitive vascular niche for Drosophila hematopoiesis. Proceedings of the National Academy of Sciences of the United States of America, 120(18), e2217862120.

Roshandel D, et al. (2023) SLCO5A1 and synaptic assembly genes contribute to impulsivity in juvenile myoclonic epilepsy. NPJ genomic medicine, 8(1), 28.

Spencer ZT, et al. (2023) The USP46 deubiquitylase complex increases Wingless/Wnt signaling strength by stabilizing Arrow/LRP6. Nature communications, 14(1), 6174.

Baker CC, et al. (2023) Cell-type-specific interacting proteins collaborate to regulate the timing of Cyclin B protein expression in male meiotic prophase. Development (Cambridge, England), 150(22).

Bourquard T, et al. (2023) Functional variants identify sex-specific genes and pathways in Alzheimer's Disease. Nature communications, 14(1), 2765.

Koh WS, et al. (2023) Regulation of morphogen pathways by a Drosophila chondroitin sulfate proteoglycan Windpipe. Journal of cell science, 136(7).

Tang HW, et al. (2023) Next-generation large-scale binary protein interaction network for Drosophila melanogaster. Nature communications, 14(1), 2162.

Li Y, et al. (2023) Ecdysone acts through cortex glia to regulate sleep in Drosophila. eLife, 12.

Marie PP, et al. (2023) Accessory ESCRT-III proteins are conserved and selective regulators of Rab11a-exosome formation. Journal of extracellular vesicles, 12(3), e12311.