Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 16, 2025

y[1] w[*]; P{w[+mC]=Act5C-GAL4}25FO1/CyO, y[+]

RRID:BDSC_4414
Type: Organism

Proper Citation

RRID:BDSC_4414

Organism Information

URL: https://n2t.net/bdsc:4414

Proper Citation: RRID:BDSC_4414

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=Act5C-GAL4}25FO1/CyO, y[+] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Yash Hiromi, National Institute of Genetics

Affected Gene: Act5C, GAL4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 4414

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:4414, BL4414

Organism Name: y[1] w[*]; P{w[+mC]=Act5C-GAL4}25FO1/CyO, y[+]

Record Creation Time: 20240911T222143+0000

Record Last Update: 20250331T210703+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=Act5C-GAL4}25FO1/CyO, y[+].

No alerts have been found for y[1] w[*]; P{w[+mC]=Act5C-GAL4}25FO1/CyO, y[+].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 150 mentions in open access literature.

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

Martin M, et al. (2024) The Wolbachia WalE1 effector alters Drosophila endocytosis. PLoS pathogens, 20(3), e1011245.

Liang W, et al. (2024) The circular RNA circATP8B(2) regulates ROS production and antiviral immunity in Drosophila. Cell reports, 43(4), 113973.

Nguyen HN, et al. (2024) Evaluation of Neuroinflammatory Contribution to Neurodegeneration in LRRK2 Drosophila Models. Biomedicines, 12(7).

Huang Y, et al. (2024) Loss-of-function in RBBP5 results in a syndromic neurodevelopmental disorder associated with microcephaly. Genetics in medicine : official journal of the American College of Medical Genetics, 26(11), 101218.

Yamamoto A, et al. (2024) The genetic basis of variation in Drosophila melanogaster mating behavior. iScience, 27(5), 109837.

Segrist E, et al. (2024) Tissue specific innate immune responses impact viral infection in Drosophila. PLoS pathogens, 20(11), e1012672.

Sun J, et al. (2023) Integrating lipid metabolism, pheromone production and perception by Fruitless and Hepatocyte nuclear factor 4. bioRxiv : the preprint server for biology.

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

Sun J, et al. (2023) Integrating lipid metabolism, pheromone production and perception by Fruitless and Hepatocyte Nuclear Factor 4. Science advances, 9(26), eadf6254.

Mugenzi LMJ, et al. (2023) The duplicated P450s CYP6P9a/b drive carbamates and pyrethroids cross-resistance in the major African malaria vector Anopheles funestus. PLoS genetics, 19(3), e1010678.

Lindsey AR, et al. (2023) Wolbachia is a nutritional symbiont in Drosophila melanogaster. bioRxiv : the preprint server for biology.

Ibrahim SS, et al. (2023) Molecular drivers of insecticide resistance in the Sahelo-Sudanian populations of a major malaria vector Anopheles coluzzii. BMC biology, 21(1), 125.

Krämer R, et al. (2023) Developmental pruning of sensory neurites by mechanical tearing in Drosophila. The Journal of cell biology, 222(3).

Horváth V, et al. (2023) Gene expression differences consistent with water loss reduction underlie desiccation tolerance of natural Drosophila populations. BMC biology, 21(1), 35.

Rots D, et al. (2023) The clinical and molecular spectrum of the KDM6B-related neurodevelopmental disorder. American journal of human genetics, 110(6), 963.

MacPherson RA, et al. (2023) Genetic and Genomic Analyses of Drosophila melanogaster Models of Chromatin Modification Disorders. bioRxiv : the preprint server for biology.

Kageyama D, et al. (2023) A male-killing gene encoded by a symbiotic virus of Drosophila. Nature communications, 14(1), 1357.

Peng Q, et al. (2023) Drosophila Amus and Bin3 methylases functionally replace mammalian MePCE for capping and the stabilization of U6 and 7SK snRNAs. Science advances, 9(50), eadj9359.

Pan X, et al. (2023) Allelic strengths of encephalopathy-associated UBA5 variants correlate between in vivo and in vitro assays. eLife, 12.

Baisgaard AE, et al. (2023) Functionally Validating Evolutionary Conserved Risk Genes for Parkinson's Disease in Drosophila melanogaster. Insects, 14(2).