Resource Summary Report

Generated by RRID on Jul 29, 2026

y[1] w[*]; P{w[+mC]=Akh-gal4.L}2/CyO, y[+]

RRID:BDSC_25683
Type: Organism

Proper Citation

RRID:BDSC_25683

Organism Information

URL: https://n2t.net/bdsc:25683

Proper Citation: RRID:BDSC_25683

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=Akh-gal4.L}2/CyO, y[+] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jae Park, University of Tennessee, Knoxville

Affected Gene: Akh, GAL4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25683

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25683, BL25683

Organism Name: y[1] w[*]; P{w[+mC]=Akh-gal4.L}2/CyO, y[+]

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260725T195136+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=Akh-gal4.L}2/CyO, y[+].

No alerts have been found for y[1] w[*]; P{w[+mC]=Akh-gal4.L}2/CyO, y[+].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Shi Y, et al. (2025) Molecular and neural basis of vomiting behavior in Drosophila melanogaster. Science advances, 11(37), eadv1143.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin and juvenile hormone. bioRxiv : the preprint server for biology.

Kockel L, et al. (2024) CRISPR/Cas9 gene editing in Drosophila via visual selection in a summer classroom. bioRxiv : the preprint server for biology.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin, and juvenile hormone. Proceedings of the National Academy of Sciences of the United States of America, 121(43), e2411987121.

Yip C, et al. (2024) Neuronal E93 is required for adaptation to adult metabolism and behavior. Molecular metabolism, 84, 101939.

Umezaki Y, et al. (2024) Taste triggers a homeostatic temperature control in hungry flies. eLife, 13.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

Yoshinari Y, et al. (2021) The sugar-responsive enteroendocrine neuropeptide F regulates lipid metabolism through glucagon-like and insulin-like hormones in Drosophila melanogaster. Nature communications, 12(1), 4818.

Arquier N, et al. (2021) Brain adiponectin signaling controls peripheral insulin response in Drosophila. Nature communications, 12(1), 5633.

Pauls D, et al. (2021) Endocrine signals fine-tune daily activity patterns in Drosophila. Current biology : CB, 31(18), 4076.

Scopelliti A, et al. (2019) A Neuronal Relay Mediates a Nutrient Responsive Gut/Fat Body Axis Regulating Energy Homeostasis in Adult Drosophila. Cell metabolism, 29(2), 269.

Hudry B, et al. (2019) Sex Differences in Intestinal Carbohydrate Metabolism Promote Food Intake and Sperm Maturation. Cell, 178(4), 901.