

# 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[+].

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## 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.