

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[y\[1\] w\[\\*\]; P{w\[+mC\]=cry-GAL4.Z}16](#)

RRID:BDSC\_24514

Type: Organism

## Proper Citation

RRID:BDSC\_24514

## Organism Information

**URL:** <https://n2t.net/bdsc:24514>

**Proper Citation:** RRID:BDSC\_24514

**Description:** Drosophila melanogaster with name y[1] w[\*]; P{w[+mC]=cry-GAL4.Z}16 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Ravi Allada, Northwestern University

**Affected Gene:** cry, GAL4, w, y

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 24514

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_24514, BL24514

**Organism Name:** y[1] w[\*]; P{w[+mC]=cry-GAL4.Z}16

**Record Creation Time:** 20240911T222418+0000

**Record Last Update:** 20260801T194932+0000

## Ratings and Alerts

No rating or validation information has been found for y[1] w[\*]; P{w[+mC]=cry-GAL4.Z}16.

No alerts have been found for y[1] w[\*]; P{w[+mC]=cry-GAL4.Z}16.

---

## Data and Source Information

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

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

---

## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Miao H, et al. (2025) The foraging gene coordinates brain and heart networks to modulate socially cued interval timing in Drosophila. PLoS genetics, 21(7), e1011752.

Thakur D, et al. (2025) Control of odor sensation by light and cryptochrome in the Drosophila antenna. iScience, 28(5), 112443.

Dopp J, et al. (2024) Single-cell transcriptomics reveals that glial cells integrate homeostatic and circadian processes to drive sleep-wake cycles. Nature neuroscience, 27(2), 359.

Peng D, et al. (2024) Large-language models facilitate discovery of the molecular signatures regulating sleep and activity. Nature communications, 15(1), 3685.

Hao H, et al. (2023) Wolfram syndrome 1 regulates sleep in dopamine receptor neurons by modulating calcium homeostasis. PLoS genetics, 19(7), e1010827.

Li M, et al. (2023) Phosphorylation Promotes the Accumulation of PERIOD Protein Foci. Research (Washington, D.C.), 6, 0139.

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

Yang Y, et al. (2019) Daywake, an Anti-siesta Gene Linked to a Splicing-Based Thermostat from an Adjoining Clock Gene. Current biology : CB, 29(10), 1728.