Resource Summary Report

Generated by dkNET on Jul 28, 2026

P{w[+mC]=cry-GAL4.Z}24, w[*]; P{w[+mC]=Pdf-GAL80.S}96A/CyO

RRID:BDSC_80940
Type: Organism

Proper Citation

RRID:BDSC_80940

Organism Information

URL: https://n2t.net/bdsc:80940

Proper Citation: RRID:BDSC_80940

Description: Drosophila melanogaster with name P{w[+mC]=cry-GAL4.Z}24, w[*]; P{w[+mC]=Pdf-GAL80.S}96A/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Amita Sehgal & Xiangzhong Zheng, University of Pennsylvania, Perelman School of Medicine

Affected Gene: cry, GAL4, GAL80, Pdf, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 80940

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80940, BL80940

Organism Name: P{w[+mC]=cry-GAL4.Z}24, w[*]; P{w[+mC]=Pdf-GAL80.S}96A/CyO

Record Creation Time: 20240911T223236+0000

Record Last Update: 20260725T200120+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=cry-GAL4.Z}24, w[*]; P{w[+mC]=Pdf-GAL80.S}96A/CyO.

No alerts have been found for P{w[+mC]=cry-GAL4.Z}24, w[*]; P{w[+mC]=Pdf-GAL80.S}96A/CyO.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Chen W, et al. (2026) Domain-specific mutations in Na+/K+-ATPase ? subunit differentially regulate sleep and circadian rhythms in Drosophila. Experimental neurology, 396, 115557.

Deluca A, et al. (2025) Contribution of neurons that express fruitless and Clock transcription factors to behavioral rhythms and courtship. iScience, 28(3), 112037.

Poe AR, et al. (2024) Energetic demands regulate sleep-wake rhythm circuit development. eLife, 13.

Elya C, et al. (2023) Neural mechanisms of parasite-induced summiting behavior in 'zombie' Drosophila. eLife, 12.

Poe AR, et al. (2023) Developmental emergence of sleep rhythms enables long-term memory in Drosophila. Science advances, 9(36), eadh2301.

Sorkaç A, et al. (2022) Circuit analysis reveals a neural pathway for light avoidance in Drosophila larvae. Nature communications, 13(1), 5274.

Andreani T, et al. (2022) Circadian programming of the ellipsoid body sleep homeostat in Drosophila. eLife, 11.

Ramakrishnan A, et al. (2021) Gap junction protein Innexin2 modulates the period of free-running rhythms in Drosophila melanogaster. iScience, 24(9), 103011.

Niu Y, et al. (2019) miR-210 controls the evening phase of circadian locomotor rhythms through repression of Fasciclin 2. PLoS genetics, 15(7), e1007655.

Goda T, et al. (2018) Calcitonin receptors are ancient modulators for rhythms of preferential temperature in insects and body temperature in mammals. Genes & development, 32(2), 140.

Shimada N, et al. (2016) Modulation of light-driven arousal by LIM-homeodomain transcription factor Apterous in large PDF-positive lateral neurons of the Drosophila brain. Scientific reports, 6, 37255.