

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[w\[*\]; P{w\[+mC\]=Clk-GAL4.-856}2](#)

RRID:BDSC_93198

Type: Organism

Proper Citation

RRID:BDSC_93198

Organism Information

URL: <https://n2t.net/bdsc:93198>

Proper Citation: RRID:BDSC_93198

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Clk-GAL4.-856}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO and TM6B. Donor: Michael Rosbash, Brandeis University

Affected Gene: Clk, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 93198

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_93198, BL93198

Organism Name: w[*]; P{w[+mC]=Clk-GAL4.-856}2

Record Creation Time: 20240911T223436+0000

Record Last Update: 20260725T200342+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Clk-GAL4.-856}2.

No alerts have been found for w[*]; P{w[+mC]=Clk-GAL4.-856}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Pranevicius A, et al. (2025) Sexually dimorphic and clock gene-specific effects of artificial light at night on Drosophila behavioural rhythms. *Proceedings. Biological sciences*, 292(2053), 20251170.

Richhariya S, et al. (2025) Metabolic rewiring prevents neurodegeneration caused by chronic mitochondrial dysfunction. *Current biology : CB*, 35(22), 5443.

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

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in Drosophila. *bioRxiv : the preprint server for biology*.

Xia Y, et al. (2025) miR-124 acts During Drosophila Development to Determine the Phase of Adult Circadian Behavior. *Journal of biological rhythms*, 7487304251361579.

Tian Y, et al. (2025) Temperature-dependent modulation of light-induced circadian responses in Drosophila melanogaster. *The EMBO journal*, 44(16), 4552.

Sukumar SK, et al. (2024) The Alk receptor tyrosine kinase regulates Sparkly, a novel activity regulating neuropeptide precursor in the Drosophila central nervous system. *eLife*, 12.

Le JQ, et al. (2024) Light and dopamine impact two circadian neurons to promote morning wakefulness. *Current biology : CB*, 34(17), 3941.

Mao R, et al. (2024) Conditional chemoconnectomics (cCCTomics) as a strategy for efficient and conditional targeting of chemical transmission. *eLife*, 12.

Richhariya S, et al. (2023) Dissecting neuron-specific functions of circadian genes using modified cell-specific CRISPR approaches. *Proceedings of the National Academy of Sciences of the United States of America*, 120(29), e2303779120.