

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

[w\[1118\]; P{w\[+mC\]=UAS-tim-GAL4}2](#)

RRID:BDSC_80941

Type: Organism

Proper Citation

RRID:BDSC_80941

Organism Information

URL: <https://n2t.net/bdsc:80941>

Proper Citation: RRID:BDSC_80941

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-tim-GAL4}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Amita Sehgal & Xiangzhong Zheng, University of Pennsylvania, Perelman School of Medicine; Donor's Source: Justin Blau, New York University

Affected Gene: GAL4, tim, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 80941

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80941, BL80941

Organism Name: w[1118]; P{w[+mC]=UAS-tim-GAL4}2

Record Creation Time: 20240911T223236+0000

Record Last Update: 20260801T200053+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-tim-GAL4}2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-tim-GAL4}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Damulewicz M, et al. (2025) Cryptochrome interaction networks across different tissues in *Drosophila melanogaster*. *Biology direct*, 20(1), 114.

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

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

Yamaguchi A, et al. (2023) Multi-neuronal recording in unrestrained animals with all acousto-optic random-access line-scanning two-photon microscopy. *Frontiers in neuroscience*, 17, 1135457.

Akpoghiran O, et al. (2023) TARANIS interacts with VRILLE and PDP1 to modulate the circadian transcriptional feedback mechanism in *Drosophila*. *bioRxiv : the preprint server for biology*.

Iyengar AS, et al. (2022) Under warm ambient conditions, *Drosophila melanogaster* suppresses nighttime activity via the neuropeptide pigment dispersing factor. *Genes, brain, and behavior*, 21(4), e12802.

Yamaguchi ST, et al. (2022) Insulin signaling in clock neurons regulates sleep in *Drosophila*. *Biochemical and biophysical research communications*, 591, 44.

Yamaguchi ST, et al. (2022) The regulation of circadian rhythm by insulin signaling in *Drosophila*. *Neuroscience research*, 183, 76.

Rounds JC, et al. (2022) The disease-associated proteins *Drosophila* Nab2 and Ataxin-2 interact with shared RNAs and coregulate neuronal morphology. *Genetics*, 220(1).

Krzepkowski W, et al. (2021) Mesencephalic Astrocyte-Derived Neurotrophic Factor Regulates Morphology of Pigment-Dispersing Factor-Positive Clock Neurons and Circadian Neuronal Plasticity in *Drosophila melanogaster*. *Frontiers in physiology*, 12,

705183.

Breda C, et al. (2020) Norpa Signalling and the Seasonal Circadian Locomotor Phenotype in *Drosophila*. *Biology*, 9(6).

Xue Y, et al. (2019) SUR-8 interacts with PP1-87B to stabilize PERIOD and regulate circadian rhythms in *Drosophila*. *PLoS genetics*, 15(11), e1008475.

Chen KF, et al. (2019) Neurocalcin regulates nighttime sleep and arousal in *Drosophila*. *eLife*, 8.

Hsieh AL, et al. (2019) Misregulation of *Drosophila* Myc Disrupts Circadian Behavior and Metabolism. *Cell reports*, 29(7), 1778.

Chen W, et al. (2019) Loss of Prune in Circadian Cells Decreases the Amplitude of the Circadian Locomotor Rhythm in *Drosophila*. *Frontiers in cellular neuroscience*, 13, 76.

Wang F, et al. (2018) Tet protein function during *Drosophila* development. *PloS one*, 13(1), e0190367.

Krzeptowski W, et al. (2018) Different Levels of Expression of the Clock Protein PER and the Glial Marker REPO in Ensheathing and Astrocyte-Like Glia of the Distal Medulla of *Drosophila* Optic Lobe. *Frontiers in physiology*, 9, 361.

Julienne H, et al. (2017) *Drosophila* PINK1 and parkin loss-of-function mutants display a range of non-motor Parkinson's disease phenotypes. *Neurobiology of disease*, 104, 15.

Vaccaro A, et al. (2017) *Drosophila* Clock Is Required in Brain Pacemaker Neurons to Prevent Premature Locomotor Aging Independently of Its Circadian Function. *PLoS genetics*, 13(1), e1006507.

Monyak RE, et al. (2017) Insulin signaling misregulation underlies circadian and cognitive deficits in a *Drosophila* fragile X model. *Molecular psychiatry*, 22(8), 1140.