

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[w\[*\]; P{w\[+mW.hs\]=GawB}crc\[929\]](#)

RRID:BDSC_25373

Type: Organism

Proper Citation

RRID:BDSC_25373

Organism Information

URL: <https://n2t.net/bdsc:25373>

Proper Citation: RRID:BDSC_25373

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}crc[929] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Paul Taghert, Washington University School of Medicine

Affected Gene: crc, dimm, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25373

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25373, BDSC:25373, BL25373

Organism Name: w[*]; P{w[+mW.hs]=GawB}crc[929]

Record Creation Time: 20240911T222426+0000

Record Last Update: 20260905T140150+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}crc[929].

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}crc[929].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

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.

Draper IR, et al. (2024) Drosophila noktochor regulates night sleep via a local mushroom body circuit. iScience, 27(3), 109106.

Rankin AE, et al. (2024) Simplified homology-assisted CRISPR for gene editing in Drosophila. G3 (Bethesda, Md.), 14(2).

Katheder NS, et al. (2023) Nicotinic acetylcholine receptor signaling maintains epithelial barrier integrity. eLife, 12.

Liang X, et al. (2023) Polyphasic circadian neural circuits drive differential activities in multiple downstream rhythmic centers. Current biology : CB, 33(2), 351.

Chaturvedi R, et al. (2022) Astrocytic GABA transporter controls sleep by modulating GABAergic signaling in Drosophila circadian neurons. Current biology : CB, 32(9), 1895.

Bedont JL, et al. (2021) Short and long sleeping mutants reveal links between sleep and macroautophagy. eLife, 10.

Fernandez-Chiappe F, et al. (2021) High-Frequency Neuronal Bursting is Essential for Circadian and Sleep Behaviors in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(4), 689.

Herrero A, et al. (2020) Coupling Neuropeptide Levels to Structural Plasticity in Drosophila Clock Neurons. Current biology : CB, 30(16), 3154.

Maurer GW, et al. (2020) Analysis of genes within the schizophrenia-linked 22q11.2 deletion identifies interaction of night owl/LZTR1 and NF1 in GABAergic sleep control. PLoS genetics, 16(4), e1008727.

Flaven-Pouchon J, et al. (2020) The tanning hormone, bursicon, does not act directly on the epidermis to tan the Drosophila exoskeleton. BMC biology, 18(1), 17.

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.

Babski H, et al. (2019) A GABAergic Maf-expressing interneuron subset regulates the speed of locomotion in *Drosophila*. *Nature communications*, 10(1), 4796.

Hill AS, et al. (2019) The *Drosophila* ERG channel seizure plays a role in the neuronal homeostatic stress response. *PLoS genetics*, 15(8), e1008288.

Valadas JS, et al. (2018) ER Lipid Defects in Neuropeptidergic Neurons Impair Sleep Patterns in Parkinson's Disease. *Neuron*, 98(6), 1155.

Liang X, et al. (2017) A Series of Suppressive Signals within the *Drosophila* Circadian Neural Circuit Generates Sequential Daily Outputs. *Neuron*, 94(6), 1173.

Kim W, et al. (2017) Spatial Activation of TORC1 Is Regulated by Hedgehog and E2F1 Signaling in the *Drosophila* Eye. *Developmental cell*, 42(4), 363.

Li Q, et al. (2017) Fbxl4 Serves as a Clock Output Molecule that Regulates Sleep through Promotion of Rhythmic Degradation of the GABAA Receptor. *Current biology : CB*, 27(23), 3616.