

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

[w\[*\]; P{w\[+mW.hs\]=GawB}OK107
ey\[OK107\]/ln\(4\)ci\[D\], ci\[D\] pan\[ciD\] sv\[spa-pol\]](#)

RRID:BDSC_854

Type: Organism

Proper Citation

RRID:BDSC_854

Organism Information

URL: <https://n2t.net/bdsc:854>

Proper Citation: RRID:BDSC_854

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}OK107 ey[OK107]/ln(4)ci[D], ci[D] pan[ciD] sv[spa-pol] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. May be segregating y[*]. Donor: Lucy Cherbas, Indiana University, Bloomington; Donor's Source: Liqun Luo, Stanford University

Affected Gene: ci, ey, GAL4, pan, sv, w

Genomic Alteration: Chromosome 1, Chromosome 4

Catalog Number: 854

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_854, BDSC:854, BL854

Organism Name: w[*]; P{w[+mW.hs]=GawB}OK107 ey[OK107]/ln(4)ci[D], ci[D] pan[ciD] sv[spa-pol]

Record Creation Time: 20240911T222124+0000

Record Last Update: 20260905T135731+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}OK107 ey[OK107]/ln(4)ci[D], ci[D] pan[ciD] sv[spa-pol].

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}OK107 ey[OK107]/ln(4)ci[D], ci[D] pan[ciD] sv[spa-pol].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Pu??al VM, et al. (2026) Modular presynaptic assemblages scale to postsynaptic partner number. bioRxiv : the preprint server for biology.

Chung PC, et al. (2026) Genetic network shaping Kenyon cell identity and function in Drosophila mushroom bodies. eLife, 14.

Terry BK, et al. (2026) Individuals with reported and novel KDM5C variants present with seizures, a feature recapitulated in a Drosophila model. Human molecular genetics, 35(4).

Wang Y, et al. (2026) A bidirectional brain-fat body axis for pathogen avoidance. Neuron.

Rachad EY, et al. (2025) Functional dissection of a neuronal brain circuit mediating higher-order associative learning. Cell reports, 44(5), 115593.

Chung PC, et al. (2025) Genetic Network Shaping Kenyon Cell Identity and Function in Drosophila Mushroom Bodies. bioRxiv : the preprint server for biology.

Saldes EB, et al. (2025) Nighttime Caffeine Intake Increases Motor Impulsivity. bioRxiv : the preprint server for biology.

Thornton-Kolbe EM, et al. (2025) Spatial constraints and cell surface molecule depletion structure a randomly connected learning circuit. Current biology : CB, 35(13), 3191.

Sarnataro R, et al. (2025) Mitochondrial origins of the pressure to sleep. Nature, 645(8081), 722.

Keret S, et al. (2025) A Drosophila screen of schizophrenia genes highlights neural and glial MMPs in neuronal remodeling. Life science alliance, 8(12).

Imura E, et al. (2025) Steroid hormone-dependent glial-neuronal interaction promotes brain development during Drosophila metamorphosis. bioRxiv : the preprint server for

biology.

Hsu CT, et al. (2025) Redox regulation of memory formation by Rrp1 in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 122(48), e2507018122.

Hawley HR, et al. (2025) N-terminal oligomerization drives HDAC4 nuclear condensation and neurodevelopmental dysfunction in *Drosophila*. *Open biology*, 15(10), 250095.

Lei Q, et al. (2025) Tissue-Specific Profiling of O-GlcNAcylated Proteins in *Drosophila* Using TurboID-CpOGAM. *Bio-protocol*, 15(5), e5234.

Salades EB, et al. (2025) Nighttime caffeine intake increases motor impulsivity. *iScience*, 28(8), 113197.

Hardin KR, et al. (2025) A Critical Role for the Fascin Family of Actin Bundling Proteins in Axon Development, Brain Wiring and Function. *bioRxiv* : the preprint server for biology.

Yadav A, et al. (2025) Regulation of lipid dysmetabolism and neuroinflammation progression linked with Alzheimer's disease through modulation of Dgat2. *bioRxiv* : the preprint server for biology.

Abou Daya F, et al. (2025) Identifying links between cardiovascular disease and insomnia by modeling genes from a pleiotropic locus. *Disease models & mechanisms*, 18(5).

Ladd CE, et al. (2025) Behavior choices amongst grooming, feeding and courting in *Drosophila* show contextual flexibility, not an absolute hierarchy of needs. *The Journal of experimental biology*, 228(23).

Delescluse J, et al. (2024) A LAT1-Like Amino Acid Transporter Regulates Neuronal Activity in the *Drosophila* Mushroom Bodies. *Cells*, 13(16).