Resource Summary Report

Generated by dkNET on Aug 31, 2026

w[*]; P{w[+mW.hs]=GawB}c42

RRID:BDSC_30835
Type: Organism

Proper Citation

RRID:BDSC_30835

Organism Information

URL: https://n2t.net/bdsc:30835

Proper Citation: RRID:BDSC_30835

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}c42 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Tai Min, Indiana University, Bloomington

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30835

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30835, BL30835

Organism Name: w[*]; P{w[+mW.hs]=GawB}c42

Record Creation Time: 20240911T222518+0000

Record Last Update: 20260829T190000+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}c42.

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}c42.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Miao H, et al. (2025) The foraging gene coordinates brain and heart networks to modulate socially cued interval timing in Drosophila. PLoS genetics, 21(7), e1011752.

Lee KM, et al. (2025) Exploring mitophagy levels in Drosophila Malpighian tubules unveils the pivotal role of mitophagy in kidney function and diabetic kidney disease. Experimental & molecular medicine, 57(10), 2364.

Oi A, et al. (2025) A nonsecretory antimicrobial peptide mediates inflammatory organ damage in Drosophila renal tubules. Cell reports, 44(1), 115082.

Mahmoudzadeh NH, et al. (2024) Renal L-2-hydroxyglutarate dehydrogenase activity promotes hypoxia tolerance and mitochondrial metabolism in Drosophila melanogaster. Molecular metabolism, 89, 102013.

Dubey SK, et al. (2024) Disrupted nuclear import of cell cycle proteins in Huntington's/PolyQ disease causes neurodevelopment defects in cellular and Drosophila model. Heliyon, 10(4), e26393.

Kwok SH, et al. (2024) Paraneoplastic renal dysfunction in fly cancer models driven by inflammatory activation of stem cells. bioRxiv : the preprint server for biology.

Vecchie' D, et al. (2024) The Impact of the Angiotensin-Converting Enzyme Inhibitor Lisinopril on Metabolic Rate in Drosophila melanogaster. International journal of molecular sciences, 25(18).

Peng D, et al. (2024) Large-language models facilitate discovery of the molecular signatures regulating sleep and activity. Nature communications, 15(1), 3685.

Wang CM, et al. (2023) Forgotten memory storage and retrieval in Drosophila. Nature communications, 14(1), 7153.

Zhang P, et al. (2021) SLC22 Transporters in the Fly Renal System Regulate Response to Oxidative Stress In Vivo. International journal of molecular sciences, 22(24).

Weaver LN, et al. (2020) Analysis of Gal4 Expression Patterns in Adult Drosophila Females. G3 (Bethesda, Md.), 10(11), 4147.

Zugasti O, et al. (2020) Gut bacteria-derived peptidoglycan induces a metabolic syndrome-like phenotype via NF-??B-dependent insulin/PI3K signaling reduction in Drosophila renal system. Scientific reports, 10(1), 14097.

Lang S, et al. (2019) A conserved role of the insulin-like signaling pathway in diet-dependent uric acid pathologies in Drosophila melanogaster. PLoS genetics, 15(8), e1008318.

Manjon C, et al. (2018) Unravelling the Molecular Determinants of Bee Sensitivity to Neonicotinoid Insecticides. Current biology : CB, 28(7), 1137.