

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[w\[*\]; P{w\[+mW.hs\]=GawB}Alp4\[c232\]](#)

RRID:BDSC_30828

Type: Organism

Proper Citation

RRID:BDSC_30828

Organism Information

URL: <https://n2t.net/bdsc:30828>

Proper Citation: RRID:BDSC_30828

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}Alp4[c232] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]/CxD. Donor: Tai Min, Indiana University, Bloomington

Affected Gene: Alp4, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30828

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30828, BL30828

Organism Name: w[*]; P{w[+mW.hs]=GawB}Alp4[c232]

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}Alp4[c232].

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}Alp4[c232].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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.

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

Yu H, et al. (2024) Tissue-specific O-GlcNAcylation profiling identifies substrates in translational machinery in Drosophila mushroom body contributing to olfactory learning. eLife, 13.

Yan W, et al. (2023) Subtype-Specific Roles of Ellipsoid Body Ring Neurons in Sleep Regulation in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(5), 764.

Grover D, et al. (2022) Differential mechanisms underlie trace and delay conditioning in Drosophila. Nature, 603(7900), 302.

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

Potdar S, et al. (2018) Wakefulness Is Promoted during Day Time by PDFR Signalling to Dopaminergic Neurons in Drosophila melanogaster. eNeuro, 5(4).

Highfill CA, et al. (2017) Naturally Segregating Variation at Ugt86Dd Contributes to Nicotine Resistance in Drosophila melanogaster. Genetics, 207(1), 311.