

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[w\[1118\];
PBac{w\[+mC\]=WH}Octbeta1R\[f02819\]/TM6B, Tb\[1\]](#)

RRID:BDSC_18589

Type: Organism

Proper Citation

RRID:BDSC_18589

Organism Information

URL: <https://n2t.net/bdsc:18589>

Proper Citation: RRID:BDSC_18589

Description: Drosophila melanogaster with name w[1118];
PBac{w[+mC]=WH}Octbeta1R[f02819]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Exelixis, Inc.

Affected Gene: Octbeta1R, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 18589

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_18589, BDSC:18589, BL18589

Organism Name: w[1118]; PBac{w[+mC]=WH}Octbeta1R[f02819]/TM6B, Tb[1]

Record Creation Time: 20240911T222333+0000

Record Last Update: 20260919T202659+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; PBac{w[+mC]=WH}Octbeta1R[f02819]/TM6B, Tb[1].

No alerts have been found for w[1118]; PBac{w[+mC]=WH}Octbeta1R[f02819]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

Reyes M, et al. (2026) Octopamine regulates neural circuits in the mushroom body and central complex, influencing sleep and arousal. iScience, 29(5), 115564.

Uliczka K, et al. (2025) Octopamine modulates the innate immune response in Drosophila melanogaster. Frontiers in immunology, 16, 1720126.

Sabandal JM, et al. (2020) Concerted Actions of Octopamine and Dopamine Receptors Drive Olfactory Learning. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(21), 4240.