

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

[w\[1118\];
PBac{w\[+mC\]=WH}Octbeta2R\[f05679\]/TM6B, Tb\[1\]](#)

RRID:BDSC_18896

Type: Organism

Proper Citation

RRID:BDSC_18896

Organism Information

URL: <https://n2t.net/bdsc:18896>

Proper Citation: RRID:BDSC_18896

Description: Drosophila melanogaster with name w[1118];
PBac{w[+mC]=WH}Octbeta2R[f05679]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: Exelixis, Inc.

Affected Gene: Octbeta2R, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 18896

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_18896, BDSC:18896, BL18896

Organism Name: w[1118]; PBac{w[+mC]=WH}Octbeta2R[f05679]/TM6B, Tb[1]

Record Creation Time: 20240911T222335+0000

Record Last Update: 20260912T203337+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; PBac{w[+mC]=WH}Octbeta2R[f05679]/TM6B, Tb[1].

No alerts have been found for w[1118]; PBac{w[+mC]=WH}Octbeta2R[f05679]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

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.

Deshpande SA, et al. (2022) Regulation of Drosophila oviduct muscle contractility by octopamine. iScience, 25(8), 104697.

Guo L, et al. (2021) An octopamine receptor confers selective toxicity of amitraz on honeybees and Varroa mites. eLife, 10.

Zhao Z, et al. (2021) Epigenetic regulator Stuxnet modulates octopamine effect on sleep through a Stuxnet-Polycomb-Oct??2R cascade. EMBO reports, 22(2), e47910.

Kim J, et al. (2021) Maintenance of quiescent oocytes by noradrenergic signals. Nature communications, 12(1), 6925.