

Resource Summary Report

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

[w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=20XUAS-IVS-NES-jRGE01a-p10}VK00005/TM6B, Tb\[1\]](#)

RRID:BDSC_63794

Type: Organism

Proper Citation

RRID:BDSC_63794

Organism Information

URL: <https://n2t.net/bdsc:63794>

Proper Citation: RRID:BDSC_63794

Description: Drosophila melanogaster with name w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-IVS-NES-jRGE01a-p10}VK00005/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: Douglas Kim & GENIE Project, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: jRGE01a, UAS, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 63794

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_63794, BL63794

Organism Name: w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-IVS-NES-jRGE01a-p10}VK00005/TM6B, Tb[1]

Record Creation Time: 20240911T222954+0000

Record Last Update: 20260815T192245+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-IVS-NES-jRGECO1a-p10}VK00005/TM6B, Tb[1].

No alerts have been found for w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-IVS-NES-jRGECO1a-p10}VK00005/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 [NIF](#) .

Plitt MH, et al. (2025) Octopamine instructs head direction plasticity. bioRxiv : the preprint server for biology.

Ishida IG, et al. (2025) Neuronal calcium spikes enable vector inversion in the Drosophila brain. Cell.

Wang HQ, et al. (2025) Drosophila HS dendrites are resilient to adult-onset deficits in mitochondrial dynamics. bioRxiv : the preprint server for biology.

Ishida IG, et al. (2023) Neuronal calcium spikes enable vector inversion in the Drosophila brain. bioRxiv : the preprint server for biology.

Lyu C, et al. (2022) Building an allocentric travelling direction signal via vector computation. Nature, 601(7891), 92.

Zechini L, et al. (2022) Piezo acts as a molecular brake on wound closure to ensure effective inflammation and maintenance of epithelial integrity. Current biology : CB, 32(16), 3584.

Elliott AD, et al. (2021) Pupal behavior emerges from unstructured muscle activity in response to neuromodulation in Drosophila. eLife, 10.