Resource Summary Report

Generated by dkNET on Sep 3, 2026

y[1] w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-TTS-shi[ts1]-p10}VK00005

RRID:BDSC_66600
Type: Organism

Proper Citation

RRID:BDSC_66600

Organism Information

URL: https://n2t.net/bdsc:66600

Proper Citation: RRID:BDSC_66600

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-TTS-shi[ts1]-p10}VK00005 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: AcNPV\p10, shi, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 66600

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_66600, BL66600

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-TTS-shi[ts1]-p10}VK00005

Record Creation Time: 20240911T223021+0000

Record Last Update: 20260829T190649+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-TTS-shi[ts1]-p10}VK00005.

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=20XUAS-TTS-shi[ts1]-p10}VK00005.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. Neuron, 114(12), 2199.

Chouhan NS, et al. (2026) A paradoxical impact of alcohol on sleep-memory coupling. Current biology : CB, 36(15), 3921.

Nunez KM, et al. (2025) Hunger Recruits a Parallel Circuit Encoding Alcohol Reward. bioRxiv : the preprint server for biology.

Kimura KI, et al. (2024) Activin is a neural inducer of a male-specific muscle in Drosophila. Scientific reports, 14(1), 3740.

Rozenfeld E, et al. (2024) Neuronal circuit mechanisms of competitive interaction between action-based and coincidence learning. Science advances, 10(49), eadq3016.

Zhao Q, et al. (2024) A two-layer neural circuit controls fast forward locomotion in Drosophila. Current biology : CB, 34(15), 3439.

Gao J, et al. (2024) Dietary L-Glu sensing by enteroendocrine cells adjusts food intake via modulating gut PYY/NPF secretion. Nature communications, 15(1), 3514.

Vecsey CG, et al. (2024) Neural Stimulation during Drosophila Activity Monitor (DAM)-Based Studies of Sleep and Circadian Rhythms in Drosophila melanogaster. Cold Spring Harbor protocols, 2024(11), db.prot108180.

Weiss S, et al. (2022) Glial ER and GAP junction mediated Ca2+ waves are crucial to maintain normal brain excitability. Glia, 70(1), 123.

Sun L, et al. (2022) Recurrent circadian circuitry regulates central brain activity to maintain sleep. Neuron, 110(13), 2139.

Chouhan NS, et al. (2022) Consolidation of Sleep-Dependent Appetitive Memory Is Mediated by a Sweet-Sensing Circuit. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(18), 3856.

Valdes-Aleman J, et al. (2021) Comparative Connectomics Reveals How Partner Identity, Location, and Activity Specify Synaptic Connectivity in Drosophila. Neuron, 109(1), 105.

Scaplen KM, et al. (2021) Transsynaptic mapping of Drosophila mushroom body output neurons. eLife, 10.

Jin X, et al. (2021) A subset of DN1p neurons integrates thermosensory inputs to promote wakefulness via CNMa signaling. Current biology : CB, 31(10), 2075.

Chouhan NS, et al. (2021) Availability of food determines the need for sleep in memory consolidation. Nature, 589(7843), 582.

Po??as GM, et al. (2020) Quantification of Macronutrients Intake in a Thermogenetic Neuronal Screen using Drosophila Larvae. Journal of visualized experiments : JoVE(160).

Scaplen KM, et al. (2020) Circuits that encode and guide alcohol-associated preference. eLife, 9.

Schilling T, et al. (2019) Transcriptional control of morphological properties of direction-selective T4/T5 neurons in Drosophila. Development (Cambridge, England), 146(2).

Landayan D, et al. (2018) Satiation state-dependent dopaminergic control of foraging in Drosophila. Scientific reports, 8(1), 5777.