

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[w\[*\]; P{w\[+mC\]=ChAT-GAL4.7.4}19B
P{w\[+mC\]=UAS-GFP.S65T}Myo31DF\[T2\]](#)

RRID:BDSC_6793

Type: Organism

Proper Citation

RRID:BDSC_6793

Organism Information

URL: <https://n2t.net/bdsc:6793>

Proper Citation: RRID:BDSC_6793

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=ChAT-GAL4.7.4}19B P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] from BDSC.

Species: Drosophila melanogaster

Notes: P{UAS-GFP.S65T}6458 may be linked to P{UAS-GFP.S65T}Myo31DF[T2], based on stock 1521 likely being a progenitor. Donor: Paul Salvaterra, City of Hope

Affected Gene: ChAT, GAL4, Avic\GFP, Myo31DF, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6793

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6793, BL6793

Organism Name: w[*]; P{w[+mC]=ChAT-GAL4.7.4}19B P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2]

Record Creation Time: 20240911T222203+0000

Record Last Update: 20260801T194631+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=ChAT-GAL4.7.4}19B P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2].

No alerts have been found for w[*]; P{w[+mC]=ChAT-GAL4.7.4}19B P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Burján T, et al. (2025) Comparative Analysis of Two Autophagy-Enhancing Small Molecules (AUTEN-67 and -99) in a Drosophila Model of Spinocerebellar Ataxia Type 1. International journal of molecular sciences, 26(21).

Kautzmann S, et al. (2025) Cholinergic and Glutamatergic Axons Differentially Require Glial Support in the Drosophila PNS. Glia, 73(7), 1365.

Taul AC, et al. (2025) The Effects of Overexpressing K2p Channels in Various Tissues on Physiology and Behaviors. Insects, 16(8).

Bervoets S, et al. (2025) dArc1 controls sugar reward valuation in Drosophila melanogaster. Current biology : CB, 35(17), 4188.

Yip C, et al. (2024) Neuronal E93 is required for adaptation to adult metabolism and behavior. Molecular metabolism, 84, 101939.

Zhuravlev AV, et al. (2023) LIM-kinase 1 effects on memory abilities and male courtship song in Drosophila depend on the neuronal type. Vavilovskii zhurnal genetiki i selektsii, 27(3), 250.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Bolshakova OI, et al. (2022) Fullerenols Prevent Neuron Death and Reduce Oxidative Stress in Drosophila Huntington's Disease Model. Cells, 12(1).

Yoshinari Y, et al. (2020) Neuronal octopamine signaling regulates mating-induced germline stem cell increase in female Drosophila melanogaster. eLife, 9.

Davla S, et al. (2020) AANAT1 functions in astrocytes to regulate sleep homeostasis. eLife, 9.

White D, et al. (2020) Deficits in the vesicular acetylcholine transporter alter lifespan and behavior in adult *Drosophila melanogaster*. *Neurochemistry international*, 137, 104744.

Golomidov I, et al. (2020) The neuroprotective effect of fullerenols on a model of Parkinson's disease in *Drosophila melanogaster*. *Biochemical and biophysical research communications*, 523(2), 446.

Showell SS, et al. (2020) Overexpression of the vesicular acetylcholine transporter disrupts cognitive performance and causes age-dependent locomotion decline in *Drosophila*. *Molecular and cellular neurosciences*, 105, 103483.

Castells-Nobau A, et al. (2019) Conserved regulation of neurodevelopmental processes and behavior by FoxP in *Drosophila*. *PloS one*, 14(2), e0211652.

Nevzglyadova OV, et al. (2018) Yeast red pigment modifies cloned human α -synuclein pathogenesis in Parkinson disease models in *Saccharomyces cerevisiae* and *Drosophila melanogaster*. *Neurochemistry international*, 120, 172.