Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 8, 2025

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: 20250331T210810+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 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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).

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.

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.

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