Resource Summary Report

Generated by RRID on Aug 4, 2026

P{w[+mC]=UAS-preproANF-Emerald}136.3, y[1] w[*]

RRID:BDSC_7001
Type: Organism

Proper Citation

RRID:BDSC_7001

Organism Information

URL: https://n2t.net/bdsc:7001

Proper Citation: RRID:BDSC_7001

Description: Drosophila melanogaster with name P{w[+mC]=UAS-preproANF-Emerald}136.3, y[1] w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: David Deitcher, Cornell University

Affected Gene: Rnor\Nppa, UAS, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 7001

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7001, BL7001

Organism Name: P{w[+mC]=UAS-preproANF-Emerald}136.3, y[1] w[*]

Record Creation Time: 20240911T222205+0000

Record Last Update: 20260801T194634+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-preproANF-Emerald}136.3, y[1] w[*].

No alerts have been found for P{w[+mC]=UAS-preproANF-Emerald}136.3, y[1] w[*].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Levitan ES, et al. (2025) Imaging Neuropeptide Release from Drosophila Clock and Motor Neurons. Cold Spring Harbor protocols, 2025(3), pdb.top107798.

Nemtsova Y, et al. (2023) Compartment specific mitochondrial dysfunction in Drosophila knock-in model of ALS reversed by altered gene expression of OXPHOS subunits and pro-fission factor Drp1. Molecular and cellular neurosciences, 125, 103834.

Sizemore TR, et al. (2023) Heterogeneous receptor expression underlies non-uniform peptidergic modulation of olfaction in Drosophila. Nature communications, 14(1), 5280.

Zhang L, et al. (2022) Nutrients and pheromones promote insulin release to inhibit courtship drive. Science advances, 8(10), eabl6121.

Inoshita T, et al. (2022) Parkinson disease-associated Leucine-rich repeat kinase regulates UNC-104-dependent axonal transport of Arl8-positive vesicles in Drosophila. iScience, 25(12), 105476.

Hughson BN, et al. (2021) AKH Signaling in D. melanogaster Alters Larval Development in a Nutrient-Dependent Manner That Influences Adult Metabolism. Frontiers in physiology, 12, 619219.

Guan Z, et al. (2020) Drosophila Synaptotagmin 7 negatively regulates synaptic vesicle release and replenishment in a dosage-dependent manner. eLife, 9.

Spinner MA, et al. (2020) A Conserved Role for Vezatin Proteins in Cargo-Specific Regulation of Retrograde Axonal Transport. Genetics, 216(2), 431.

Richhariya S, et al. (2018) dSTIM- and Ral/Exocyst-Mediated Synaptic Release from Pupal Dopaminergic Neurons Sustains Drosophila Flight. eNeuro, 5(3).

Vagnoni A, et al. (2018) A cAMP/PKA/Kinesin-1 Axis Promotes the Axonal Transport of Mitochondria in Aging Drosophila Neurons. Current biology : CB, 28(8), 1265.

Jayakumar S, et al. (2018) A Multicomponent Neuronal Response Encodes the Larval Decision to Pupariate upon Amino Acid Starvation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(47), 10202.

Iacobucci GJ, et al. (2018) Ethanol stimulates the in??vivo axonal movement of neuropeptide dense-core vesicles in Drosophila motor neurons. Journal of neurochemistry, 144(4), 466.

Setiawan L, et al. (2018) The BMP2/4 ortholog Dpp can function as an inter-organ signal that regulates developmental timing. Life science alliance, 1(6), e201800216.

Valadas JS, et al. (2018) ER Lipid Defects in Neuropeptidergic Neurons Impair Sleep Patterns in Parkinson's Disease. Neuron, 98(6), 1155.