Resource Summary Report

Generated by RRID on Aug 2, 2026

y[1] w[*]; P{w[+mC]=NPF-GAL4.1}1

RRID:BDSC_25682
Type: Organism

Proper Citation

RRID:BDSC_25682

Organism Information

URL: https://n2t.net/bdsc:25682

Proper Citation: RRID:BDSC_25682

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=NPF-GAL4.1}1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jae Park, University of Tennessee, Knoxville

Affected Gene: GAL4, NPF, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 25682

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25682, BL25682

Organism Name: y[1] w[*]; P{w[+mC]=NPF-GAL4.1}1

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260801T194949+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=NPF-GAL4.1}1.

No alerts have been found for y[1] w[*]; P{w[+mC]=NPF-GAL4.1}1.

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 RRID .

Li X, et al. (2025) Diacylglycerol metabolism drives host-pathogen responses during enteric infection in Drosophila. bioRxiv : the preprint server for biology.

Miao H, et al. (2025) The foraging gene coordinates brain and heart networks to modulate socially cued interval timing in Drosophila. PLoS genetics, 21(7), e1011752.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin and juvenile hormone. bioRxiv : the preprint server for biology.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin, and juvenile hormone. Proceedings of the National Academy of Sciences of the United States of America, 121(43), e2411987121.

Chen T, et al. (2023) The Drosophila NPY-like system protects against chronic stress-induced learning deficit by preventing the disruption of autophagic flux. Proceedings of the National Academy of Sciences of the United States of America, 120(51), e2307632120.

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. Science advances, 8(36), eabg3203.

Pang L, et al. (2022) Search performance and octopamine neuronal signaling mediate parasitoid induced changes in Drosophila oviposition behavior. Nature communications, 13(1), 4476.

Munneke AS, et al. (2022) The serotonin receptor 5-HT2A modulates lifespan and protein feeding in Drosophila melanogaster. Frontiers in aging, 3, 1068455.

Sadanandappa MK, et al. (2021) Neuropeptide F signaling regulates parasitoid-specific germline development and egg-laying in Drosophila. PLoS genetics, 17(3), e1009456.

Hu Y, et al. (2020) A Neural Basis for Categorizing Sensory Stimuli to Enhance Decision Accuracy. Current biology : CB, 30(24), 4896.

Gao C, et al. (2020) Sex and Death: Identification of Feedback Neuromodulation Balancing Reproduction and Survival. Neuroscience bulletin, 36(12), 1429.

Kannangara JR, et al. (2020) A New Role for Neuropeptide F Signaling in Controlling Developmental Timing and Body Size in Drosophila melanogaster. Genetics, 216(1), 135.

Leng X, et al. (2020) Quantifying influence of human choice on the automated detection of Drosophila behavior by a supervised machine learning algorithm. PloS one, 15(12), e0241696.

Liu W, et al. (2019) Neuropeptide F regulates courtship in Drosophila through a male-specific neuronal circuit. eLife, 8.

Corfas RA, et al. (2019) Diverse Food-Sensing Neurons Trigger Idiothetic Local Search in Drosophila. Current biology : CB, 29(10), 1660.

Miyamoto T, et al. (2019) Neuronal Gluconeogenesis Regulates Systemic Glucose Homeostasis in Drosophila melanogaster. Current biology : CB, 29(8), 1263.

Ohhara Y, et al. (2018) Adult-specific insulin-producing neurons in Drosophila melanogaster. The Journal of comparative neurology, 526(8), 1351.

Potdar S, et al. (2018) Wakefulness Is Promoted during Day Time by PDFR Signalling to Dopaminergic Neurons in Drosophila melanogaster. eNeuro, 5(4).

Lee S, et al. (2017) Central peptidergic modulation of peripheral olfactory responses. BMC biology, 15(1), 35.