

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=NPF-GAL4.1}2](#)

RRID:BDSC_25681

Type: Organism

Proper Citation

RRID:BDSC_25681

Organism Information

URL: <https://n2t.net/bdsc:25681>

Proper Citation: RRID:BDSC_25681

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=NPF-GAL4.1}2 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GAL4, NPF, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25681

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25681, BL25681

Organism Name: y[1] w[*]; P{w[+mC]=NPF-GAL4.1}2

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260801T194947+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=NPF-GAL4.1}2.

No alerts have been found for y[1] w[*]; P{w[+mC]=NPF-GAL4.1}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Mou Y, et al. (2025) Intermittent Vibration Induces Sleep via an Allatostatin A-GABA Signaling Pathway and Provides Broad Benefits in Alzheimer's Disease Models. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2411768.

Rovenko BM, et al. (2025) Metabolic control of enteroendocrine cell fate through a redox state sensor CtBP. *bioRxiv : the preprint server for biology*.

Kockel L, et al. (2024) CRISPR/Cas9 gene editing in Drosophila via visual selection in a summer classroom. *bioRxiv : the preprint server for biology*.

Poe AR, et al. (2024) Energetic demands regulate sleep-wake rhythm circuit development. *eLife*, 13.

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

Poe AR, et al. (2023) Energetic Demands Regulate Sleep-Wake Rhythm Circuit Development. *bioRxiv : the preprint server for biology*.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. *Current biology : CB*, 32(6), 1362.

Yu CC, et al. (2021) Assessing the cognitive status of Drosophila by the value-based feeding decision. *NPJ aging and mechanisms of disease*, 7(1), 24.

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

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

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

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

Rohwedder A, et al. (2015) Neuropeptide F neurons modulate sugar reward during associative olfactory learning of *Drosophila* larvae. *The Journal of comparative neurology*, 523(18), 2637.