

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

P{w[+mC]=sNPF-GAL4.TH}2, w[1118]

RRID:BDSC_51991

Type: Organism

Proper Citation

RRID:BDSC_51991

Organism Information

URL: <https://n2t.net/bdsc:51991>

Proper Citation: RRID:BDSC_51991

Description: Drosophila melanogaster with name P{w[+mC]=sNPF-GAL4.TH}2, w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Kenta Asahina & David Anderson, California Institute of Technology

Affected Gene: GAL4, sNPF, w

Genomic Alteration: Chromosome 1

Catalog Number: 51991

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51991, BL51991

Organism Name: P{w[+mC]=sNPF-GAL4.TH}2, w[1118]

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260801T195432+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=sNPF-GAL4.TH}2, w[1118].

No alerts have been found for P{w[+mC]=sNPF-GAL4.TH}2, w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 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.

Held M, et al. (2025) Aminergic and peptidergic modulation of insulin-producing cells in *Drosophila*. *eLife*, 13.

Marini-Davis A, et al. (2025) Juvenile hormone regulates the maturation of sexually dimorphic naive ethanol olfactory preference in *Drosophila melanogaster*. *Royal Society open science*, 12(8), 242217.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in *Drosophila melanogaster*. *Nature communications*, 15(1), 10819.

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

Megha , et al. (2019) ER-Ca²⁺ sensor STIM regulates neuropeptides required for development under nutrient restriction in *Drosophila*. *PloS one*, 14(7), e0219719.

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

Schoofs A, et al. (2014) Selection of motor programs for suppressing food intake and inducing locomotion in the *Drosophila* brain. *PLoS biology*, 12(6), e1001893.

Hong SH, et al. (2012) Minibrain/Dyrk1a regulates food intake through the Sir2-FOXO-sNPF/NPY pathway in *Drosophila* and mammals. *PLoS genetics*, 8(8), e1002857.