Resource Summary Report

Generated by T1D on Sep 6, 2026

y[1] w[*]; P{w[+mC]=UAS-NaChBac}2

RRID:BDSC_9469
Type: Organism

Proper Citation

RRID:BDSC_9469

Organism Information

URL: https://n2t.net/bdsc:9469

Proper Citation: RRID:BDSC_9469

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

Species: Drosophila melanogaster

Notes: Donor: David Clapham, Boston Children's Hospital & Benjamin White, NIH, National Institute of Mental Health

Affected Gene: Bhal\NaChBac, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 9469

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9469, BDSC:9469, BL9469

Organism Name: y[1] w[*]; P{w[+mC]=UAS-NaChBac}2

Record Creation Time: 20240911T222225+0000

Record Last Update: 20260905T135900+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Miao H, et al. (2025) Electrical silencing of dendritic arborization neurons rescues toxic polyglutamine-induced locomotion defect. Fly, 19(1), 2519687.

Sears JC, et al. (2025) PKA restricts ERK signaling in learning and memory Kenyon cell neurons. Cellular signalling, 132, 111818.

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. Science advances, 11(51), eadz9682.

Wang G, et al. (2025) Sexual failure decreases sweet taste perception in male Drosophila via dopaminergic signaling. eLife, 14.

Wu G, et al. (2024) Opposing GPCR signaling programs protein intake setpoint in Drosophila. Cell, 187(19), 5376.

Sears JC, et al. (2024) Use-Dependent, Untapped Dual Kinase Signaling Localized in Brain Learning Circuitry. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(12).

Turingan MJ, et al. (2024) Hypoxia delays steroid-induced developmental maturation in Drosophila by suppressing EGF signaling. PLoS genetics, 20(4), e1011232.

Singh A, et al. (2024) A nutrient responsive lipase mediates gut-brain communication to regulate insulin secretion in Drosophila. Nature communications, 15(1), 4410.

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. Cell reports, 42(2), 112026.

Liu J, et al. (2023) Alleviation of thermal nociception depends on heat-sensitive neurons and a TRP channel in the brain. Current biology : CB, 33(12), 2397.

Pardo-Garcia TR, et al. (2023) Food memory circuits regulate eating and energy balance. Current biology : CB, 33(2), 215.

Issa AR, et al. (2022) A novel post-developmental role of the Hox genes underlies normal adult behavior. Proceedings of the National Academy of Sciences of the United States of America, 119(49), e2209531119.

Deliu LP, et al. (2022) Serotonergic neuron ribosomal proteins regulate the neuroendocrine control of Drosophila development. PLoS genetics, 18(9), e1010371.

Suzuki Y, et al. (2020) A Population of Interneurons Signals Changes in the Basal Concentration of Serotonin and Mediates Gain Control in the Drosophila Antennal Lobe. Current biology : CB, 30(6), 1110.

May CE, et al. (2020) Dietary sugar inhibits satiation by decreasing the central processing of sweet taste. eLife, 9.

Aponte-Santiago NA, et al. (2020) Synaptic Plasticity Induced by Differential Manipulation of Tonic and Phasic Motoneurons in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(33), 6270.

Huang R, et al. (2020) High-fat diet enhances starvation-induced hyperactivity via sensitizing hunger-sensing neurons in Drosophila. eLife, 9.

Moscato EH, et al. (2020) Social Behavioral Deficits with Loss of Neurofibromin Emerge from Peripheral Chemosensory Neuron Dysfunction. Cell reports, 32(1), 107856.

Lien WY, et al. (2020) Lifespan regulation in ?/? posterior neurons of the fly mushroom bodies by Rab27. Aging cell, 19(8), e13179.

Amourda C, et al. (2020) The mirtron miR-1010 functions in concert with its host gene SKIP to balance elevation of nAcR?2. Scientific reports, 10(1), 1688.