

Resource Summary Report

Generated by [ASWG](#) on Aug 8, 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, BL9469

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

Record Creation Time: 20240911T222225+0000

Record Last Update: 20260801T194705+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 [ASWG](#) .

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.

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

May CE, et al. (2020) Dietary sugar inhibits satiation by decreasing the central processing of sweet taste. *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 γ/γ 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 γ 2. *Scientific reports*, 10(1), 1688.