Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

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

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: 20250331T210930+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 15 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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

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.

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.

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.

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

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.

Ni JD, et al. (2019) Differential regulation of the Drosophila sleep homeostat by circadian and arousal inputs. eLife, 8.

Meschi E, et al. (2019) An EGF-Responsive Neural Circuit Couples Insulin Secretion with Nutrition in Drosophila. Developmental cell, 48(1), 76.

Szuperak M, et al. (2018) A sleep state in Drosophila larvae required for neural stem cell proliferation. eLife, 7.

Troup M, et al. (2018) Acute control of the sleep switch in Drosophila reveals a role for gap junctions in regulating behavioral responsiveness. eLife, 7.