

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[*\]; P{w\[+mC\]=5-HT1B-GAL4.Y}2](#)

RRID:BDSC_27636

Type: Organism

Proper Citation

RRID:BDSC_27636

Organism Information

URL: <https://n2t.net/bdsc:27636>

Proper Citation: RRID:BDSC_27636

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=5-HT1B-GAL4.Y}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Amita Sehgal, University of Pennsylvania, Perelman School of Medicine & Quan Yuan, University of Pennsylvania

Affected Gene: 5-HT1B, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 27636

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27636, BL27636

Organism Name: w[*]; P{w[+mC]=5-HT1B-GAL4.Y}2

Record Creation Time: 20240911T222447+0000

Record Last Update: 20260801T195016+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=5-HT1B-GAL4.Y}2.

No alerts have been found for w[*]; P{w[+mC]=5-HT1B-GAL4.Y}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Kaldun JC, et al. (2025) A temporally restricted function of the dopamine receptor Dop1R2 during memory formation. eLife, 13.

Sgammeglia N, et al. (2023) Memory phase-specific genes in the Mushroom Bodies identified using CrebB-target DamID. PLoS genetics, 19(6), e1010802.

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. Science advances, 8(36), eabg3203.

Widmer YF, et al. (2018) Regulators of Long-Term Memory Revealed by Mushroom Body-Specific Gene Expression Profiling in Drosophila melanogaster. Genetics, 209(4), 1167.

Widmer YF, et al. (2018) Multiple neurons encode CrebB dependent appetitive long-term memory in the mushroom body circuit. eLife, 7.