

Resource Summary Report

Generated by T1D on Sep 6, 2026

y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-hDGAT2.HA}VK00033

RRID:BDSC_84854

Type: Organism

Proper Citation

RRID:BDSC_84854

Organism Information

URL: <https://n2t.net/bdsc:84854>

Proper Citation: RRID:BDSC_84854

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-hDGAT2.HA}VK00033 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine & Susan Celniker, Lawrence Berkeley National Laboratory

Affected Gene: Hsap\DGAT2, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 84854

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84854, BDSC:84854, BL84854

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-hDGAT2.HA}VK00033

Record Creation Time: 20240911T223314+0000

Record Last Update: 20260905T141409+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-hDGAT2.HA}VK00033.

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-hDGAT2.HA}VK00033.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in Drosophila. Communications biology, 8(1), 765.

Yadav A, et al. (2025) Regulation of lipid dysmetabolism and neuroinflammation progression linked with Alzheimer's disease through modulation of Dgat2. bioRxiv : the preprint server for biology.

Moraes RCM, et al. (2024) Apolipoprotein E Induces Lipid Accumulation Through Dgat2 That Is Prevented with Time-Restricted Feeding in Drosophila. Genes, 15(11).

Livelo C, et al. (2023) Time-restricted feeding promotes muscle function through purine cycle and AMPK signaling in Drosophila obesity models. Nature communications, 14(1), 949.