

Resource Summary Report

Generated by [dkNET](#) on Aug 9, 2026

P{w[+mC]=Desat1-GAL4.E800}2M, P{w[+mC]=tubP-GAL80[ts]}20

RRID:BDSC_65406

Type: Organism

Proper Citation

RRID:BDSC_65406

Organism Information

URL: <https://n2t.net/bdsc:65406>

Proper Citation: RRID:BDSC_65406

Description: Drosophila melanogaster with name P{w[+mC]=Desat1-GAL4.E800}2M, P{w[+mC]=tubP-GAL80[ts]}20 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jade Atallah & Joel D. Levine, University of Toronto, Mississauga

Affected Gene: Desat1, GAL4, alphaTub84B, GAL80ts

Genomic Alteration: Chromosome 2

Catalog Number: 65406

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_65406, BL65406

Organism Name: P{w[+mC]=Desat1-GAL4.E800}2M, P{w[+mC]=tubP-GAL80[ts]}20

Record Creation Time: 20240911T223009+0000

Record Last Update: 20260808T195315+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=Desat1-GAL4.E800}2M, P{w[+mC]=tubP-GAL80[ts]}20.

No alerts have been found for P{w[+mC]=Desat1-GAL4.E800}2M, P{w[+mC]=tubP-GAL80[ts]}20.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Kong X, et al. (2026) NF- κ B restrains nutrient-dependent transcription programs through chromatin modulation in Drosophila. Nucleic acids research, 54(2).

Huang K, et al. (2025) Lipid metabolism of hepatocyte-like cells supports intestinal tumor growth by promoting tracheogenesis. bioRxiv : the preprint server for biology.

Li J, et al. (2025) Desaturase-dependent secretory functions of hepatocyte-like cells control systemic lipid metabolism during starvation in Drosophila. Nature communications, 16(1), 10409.

Vonolfen MC, et al. (2024) Drosophila HNF4 acts in distinct tissues to direct a switch between lipid storage and export in the gut. Cell reports, 43(9), 114693.

Li J, et al. (2024) Desaturase-dependent secretory functions of hepatocyte-like cells control systemic lipid metabolism during starvation in Drosophila. Research square.

Li X, et al. (2023) A distinct Acyl-CoA binding protein (ACBP6) shapes tissue plasticity during nutrient adaptation in Drosophila. Nature communications, 14(1), 7599.

Banach-Latapy A, et al. (2023) Differential adhesion during development establishes individual neural stem cell niches and shapes adult behaviour in Drosophila. PLoS biology, 21(11), e3002352.

Gass MM, et al. (2022) PI(4,5)P2 controls slit diaphragm formation and endocytosis in Drosophila nephrocytes. Cellular and molecular life sciences : CMLS, 79(5), 248.

Zhao X, et al. (2021) Glutamate metabolism directs energetic trade-offs to shape host-pathogen susceptibility in Drosophila. Cell metabolism, 33(12), 2428.

Ghosh AC, et al. (2020) Drosophila PDGF/VEGF signaling from muscles to hepatocyte-like cells protects against obesity. eLife, 9.

Storelli G, et al. (2019) *Drosophila* HNF4 Directs a Switch in Lipid Metabolism that Supports the Transition to Adulthood. *Developmental cell*, 48(2), 200.