Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

w[*]; P{w[+mC]=UAS-Egfr.lambdatop}3/TM6C, Sb[1]

RRID:BDSC_59843
Type: Organism

Proper Citation

RRID:BDSC_59843

Organism Information

URL: https://n2t.net/bdsc:59843

Proper Citation: RRID:BDSC_59843

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Egfr.lambdatop}3/TM6C, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes present. Donor: Beth Stronach, University of Pittsburgh School of Medicine; Donor's Source: Gerard Campbell, University of Pittsburgh, Pittsburgh

Affected Gene: Egfr, UAS, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 59843

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_59843, BL59843

Organism Name: w[*]; P{w[+mC]=UAS-Egfr.lambdatop}3/TM6C, Sb[1]

Record Creation Time: 20240911T222917+0000

Record Last Update: 20260725T195718+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Egfr.lambdatop}3/TM6C, Sb[1].

No alerts have been found for w[*]; P{w[+mC]=UAS-Egfr.lambdatop}3/TM6C, Sb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Lee JI, et al. (2025) The matrix glycoprotein Papilin maintains the haematopoietic progenitor pool in Drosophila lymph glands. Development (Cambridge, England), 152(7).

Vialat M, et al. (2024) Cholesterol Dietary Intake and Tumor Cell Homeostasis Drive Early Epithelial Tumorigenesis: A Potential Modelization of Early Prostate Tumorigenesis. Cancers, 16(11).

Clarke DN, et al. (2023) EGFR-dependent actomyosin patterning coordinates morphogenetic movements between tissues. bioRxiv : the preprint server for biology.

Markus D, et al. (2023) The pleiotropic functions of Pri smORF peptides synchronize leg development regulators. PLoS genetics, 19(10), e1011004.

Weichselberger V, et al. (2022) Eya-controlled affinity between cell lineages drives tissue self-organization during Drosophila oogenesis. Nature communications, 13(1), 6377.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the Drosophila testis niche. eLife, 11.

Ostalé CM, et al. (2021) Functional requirements of protein kinases and phosphatases in the development of the Drosophila melanogaster wing. G3 (Bethesda, Md.), 11(12).

Nászai M, et al. (2021) RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. eLife, 10.

Dong Q, et al. (2021) Glial Hedgehog signalling and lipid metabolism regulate neural stem cell proliferation in Drosophila. EMBO reports, 22(5), e52130.

Resnik-Docampo M, et al. (2021) Neuroglian regulates Drosophila intestinal stem cell proliferation through enhanced signaling via the epidermal growth factor receptor. Stem cell reports, 16(6), 1584.

Rambur A, et al. (2020) Sequential Ras/MAPK and PI3K/AKT/mTOR pathways recruitment drives basal extrusion in the prostate-like gland of Drosophila. Nature communications, 11(1), 2300.

Kim-Yip RP, et al. (2018) Wingless promotes EGFR signaling in follicle stem cells to maintain self-renewal. Development (Cambridge, England), 145(23).