

Resource Summary Report

Generated by PRECISE-TBI on Jul 28, 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) Neuroglial 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) Wntless promotes EGFR signaling in follicle stem cells to maintain self-renewal. *Development (Cambridge, England)*, 145(23).