

# Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

[w\[\\*\]; P{w\[+mC\]=UAS-myr-Akt.DeltaPH}3/TM3, Sb\[1\]](#)

RRID:BDSC\_80935

Type: Organism

## Proper Citation

RRID:BDSC\_80935

## Organism Information

**URL:** <https://n2t.net/bdsc:80935>

**Proper Citation:** RRID:BDSC\_80935

**Description:** Drosophila melanogaster with name w[\*]; P{w[+mC]=UAS-myr-Akt.DeltaPH}3/TM3, Sb[1] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** New genotype for original stock 50758. Homozygous present. Donor: Xiangzhong Zheng & Amita Sehgal, University of Pennsylvania, Perelman School of Medicine; Donor's Source: Morris Birnbaum, University of Pennsylvania, Perelman School of Medicine

**Affected Gene:** Akt, UAS, Sb, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 80935

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_80935, BDSC:80935, BL80935

**Organism Name:** w[\*]; P{w[+mC]=UAS-myr-Akt.DeltaPH}3/TM3, Sb[1]

**Record Creation Time:** 20240911T223236+0000

**Record Last Update:** 20260912T204526+0000

## Ratings and Alerts

No rating or validation information has been found for w[\*]; P{w[+mC]=UAS-myr-Akt.DeltaPH}3/TM3, Sb[1].

No alerts have been found for w[\*]; P{w[+mC]=UAS-myr-Akt.DeltaPH}3/TM3, Sb[1].

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Zhang X, et al. (2025) Atypical developmental remodeling of dopamine neurons involves AKT-GSK3 $\beta$  signaling and glia-mediated axon degeneration. bioRxiv : the preprint server for biology.

Xiao G, et al. (2025) Intratumor HIF-1 $\alpha$  modulates production of a cachectic ligand to cause host wasting. Cell insight, 4(3), 100247.

Fischer Z, et al. (2025) The Drosophila pseudokinase Tribbles translocates to the fat body membrane in response to fasting to modulate insulin sensitivity. Development (Cambridge, England), 152(8).

Lee D, et al. (2024) Diabetic sensory neuropathy and insulin resistance are induced by loss of UCHL1 in Drosophila. Nature communications, 15(1), 468.

Saavedra P, et al. (2023) REPTOR and CREBRF encode key regulators of muscle energy metabolism. Nature communications, 14(1), 4943.

de Tredern E, et al. (2021) Glial glucose fuels the neuronal pentose phosphate pathway for long-term memory. Cell reports, 36(8), 109620.

Spéder P, et al. (2018) Systemic and local cues drive neural stem cell niche remodelling during neurogenesis in Drosophila. eLife, 7.

West RJH, et al. (2018) The pro-apoptotic JNK scaffold POSH/SH3RF1 mediates CHMP2B Intron5-associated toxicity in animal models of frontotemporal dementia. Human molecular genetics, 27(8), 1382.

Cinnamon E, et al. (2016) Drosophila Spidey/Kar Regulates Oenocyte Growth via PI3-Kinase Signaling. PLoS genetics, 12(8), e1006154.