

Resource Summary Report

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

[y\[1\] w\[*\]; P{w\[+mC\]=UAS-gbb.R126A.R325A.K334N}86b/TM3, Sb\[1\] Ser\[1\]](#)

RRID:BDSC_63059

Type: Organism

Proper Citation

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Organism Information

URL: <https://n2t.net/bdsc:63059>

Proper Citation: RRID:BDSC_63059

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-gbb.R126A.R325A.K334N}86b/TM3, Sb[1] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes present. Donor: Robert Ray, Francis Crick Institute

Affected Gene: gbb, UAS, Sb, Ser, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 63059

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_63059, BL63059

Organism Name: y[1] w[*]; P{w[+mC]=UAS-gbb.R126A.R325A.K334N}86b/TM3, Sb[1] Ser[1]

Record Creation Time: 20240911T222948+0000

Record Last Update: 20260808T195251+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-gbb.R126A.R325A.K334N}86b/TM3, Sb[1] Ser[1].

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-gbb.R126A.R325A.K334N}86b/TM3, Sb[1] Ser[1].

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 [SPARC SAWG](#) .

Takada Y, et al. (2025) Gut microbiota-mediated lipid accumulation as a driver of evolutionary adaptation to blue light toxicity in Drosophila. *Communications biology*, 8(1), 998.

Hertenstein H, et al. (2021) Starvation-induced regulation of carbohydrate transport at the blood-brain barrier is TGF- β -signaling dependent. *eLife*, 10.

Jordán-Álvarez S, et al. (2017) The equilibrium between antagonistic signaling pathways determines the number of synapses in Drosophila. *PloS one*, 12(9), e0184238.

Hong SH, et al. (2016) High fat diet-induced TGF- β /Gbb signaling provokes insulin resistance through the tribbles expression. *Scientific reports*, 6, 30265.