

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 2026

GCS1[Sz] hop[Sz]

RRID:BDSC_5834

Type: Organism

Proper Citation

RRID:BDSC_5834

Organism Information

URL: <https://n2t.net/bdsc:5834>

Proper Citation: RRID:BDSC_5834

Description: Drosophila melanogaster with name GCS1[Sz] hop[Sz] from BDSC.

Species: Drosophila melanogaster

Notes: This stock was formerly listed with the genotype tu(1)Sz[1], but the tumor phenotype was found to be the result of two lesion: one in GCS1 and one in hop. Donor: Ivette Perez-Chiesa, Research Foundation for Mental Hygiene, Inc.

Affected Gene: tu(1)Sz

Genomic Alteration: Chromosome 1

Catalog Number: 5834

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5834, BL5834

Organism Name: GCS1[Sz] hop[Sz]

Record Creation Time: 20240911T222155+0000

Record Last Update: 20260725T194828+0000

Ratings and Alerts

No rating or validation information has been found for GCS1[Sz] hop[Sz].

No alerts have been found for GCS1[Sz] hop[Sz].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Hayman DJ, et al. (2025) Expansion of Drosophila haemocytes using a conditional GeneSwitch driver affects larval haemocyte function, but does not modulate adult lifespan or survival after severe infection. *The Journal of experimental biology*, 228(9).

Mortimer NT, et al. (2021) Extracellular matrix protein N-glycosylation mediates immune self-tolerance in *Drosophila melanogaster*. *Proceedings of the National Academy of Sciences of the United States of America*, 118(39).

Yang L, et al. (2019) Functional Characterization of a Venom Protein Calreticulin in the Ectoparasitoid *Pachycrepoideus vindemiae*. *Insects*, 11(1).