

# Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[w\[\\*\]; shrb\[G5\] P{ry\[+t7.2\]=neoFRT}42D/CyO, P{w\[+mC\]=GAL4-twi.G}2.2, P{UAS-2xEGFP}AH2.2](#)

RRID:BDSC\_39635

Type: Organism

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## Proper Citation

RRID:BDSC\_39635

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## Organism Information

**URL:** <https://n2t.net/bdsc:39635>

**Proper Citation:** RRID:BDSC\_39635

**Description:** Drosophila melanogaster with name w[\*]; shrb[G5] P{ry[+t7.2]=neoFRT}42D/CyO, P{w[+mC]=GAL4-twi.G}2.2, P{UAS-2xEGFP}AH2.2 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: David Bilder, University of California, Berkeley

**Affected Gene:** GAL4, twi, FRT, Avic\GFP, UAS, shrb, w

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 39635

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_39635, BDSC:39635, BL39635

**Organism Name:** w[\*]; shrb[G5] P{ry[+t7.2]=neoFRT}42D/CyO, P{w[+mC]=GAL4-twi.G}2.2, P{UAS-2xEGFP}AH2.2

**Record Creation Time:** 20240911T222640+0000

**Record Last Update:** 20260919T203122+0000

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## Ratings and Alerts

No rating or validation information has been found for w[\*]; shrb[G5]  
P{ry[+t7.2]=neoFRT}42D/CyO, P{w[+mC]=GAL4-twi.G}2.2, P{UAS-2xEGFP}AH2.2.

No alerts have been found for w[\*]; shrb[G5] P{ry[+t7.2]=neoFRT}42D/CyO,  
P{w[+mC]=GAL4-twi.G}2.2, P{UAS-2xEGFP}AH2.2.

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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 6 mentions in open access literature.

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

Ray A, et al. (2024) The Endosomal Sorting Complex, ESCRT, has diverse roles in blood progenitor maintenance, lineage choice and immune response. *Biology open*, 13(6).

R??os-Barrera LD, et al. (2022) An endosome-associated actin network involved in directed apical plasma membrane growth. *The Journal of cell biology*, 221(3).

Wang R, et al. (2022) ESCRT dysfunction compromises endoplasmic reticulum maturation and autophagosome biogenesis in *Drosophila*. *Current biology : CB*, 32(6), 1262.

Lin TH, et al. (2021) TSG101 negatively regulates mitochondrial biogenesis in axons. *Proceedings of the National Academy of Sciences of the United States of America*, 118(20).

Mathew R, et al. (2020) Transcytosis via the late endocytic pathway as a cell morphogenetic mechanism. *The EMBO journal*, 39(16), e105332.

Jiang K, et al. (2018) An intracellular activation of Smoothened that is independent of Hedgehog stimulation in *Drosophila*. *Journal of cell science*, 131(1).