

Resource Summary Report

Generated by [NIF](#) on Sep 16, 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

Proper Citation

RRID:BDSC_39635

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: 20260912T203736+0000

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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

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).