

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 31, 2026

[w\[*\]; TI{w\[+mW.hs\]=TI}mir-219\[KO\]/TM3,
P{w\[+mC\]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3,
Sb\[1\] Ser\[1\]](#)

RRID:BDSC_58900

Type: Organism

Proper Citation

RRID:BDSC_58900

Organism Information

URL: <https://n2t.net/bdsc:58900>

Proper Citation: RRID:BDSC_58900

Description: Drosophila melanogaster with name w[*]; TI{w[+mW.hs]=TI}mir-219[KO]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes present. Donor: Stephen Cohen, A*STAR, Institute of Molecular and Cell Biology

Affected Gene: GAL4, twi, Avic\GFP, UAS, Sb, Ser, mir-219, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 58900

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58900, BL58900

Organism Name: w[*]; TI{w[+mW.hs]=TI}mir-219[KO]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1]

Record Creation Time: 20240911T222907+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Tl{w[+mW.hs]=Tl}mir-219[KO]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1].

No alerts have been found for w[*]; Tl{w[+mW.hs]=Tl}mir-219[KO]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Aavula K, et al. (2025) Regulation of miR-219 and its target RalGPS dictates acute synaptic plasticity at the Drosophila neuromuscular junction. bioRxiv : the preprint server for biology.

Chen J, et al. (2024) Communication between the stem cell niche and an adjacent differentiation niche through miRNA and EGFR signaling orchestrates exit from the stem cell state in the Drosophila ovary. PLoS biology, 22(3), e3002515.