

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[*\]; TI{TI}mir-274\[KO\]/TM3, P{w\[+mC\]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb\[1\] Ser\[1\]](#)

RRID:BDSC_58904

Type: Organism

Proper Citation

RRID:BDSC_58904

Organism Information

URL: <https://n2t.net/bdsc:58904>

Proper Citation: RRID:BDSC_58904

Description: Drosophila melanogaster with name w[*]; TI{TI}mir-274[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-274, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 58904

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58904, BL58904

Organism Name: w[*]; TI{TI}mir-274[KO]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1]

Record Creation Time: 20240911T222907+0000

Record Last Update: 20260801T195602+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Tl{TI}mir-274[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{TI}mir-274[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 3 mentions in open access literature.

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

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.

Liu J, et al. (2022) Profiling ATM regulated genes in Drosophila at physiological condition and after ionizing radiation. Hereditas, 159(1), 41.

Tsai YW, et al. (2019) Glia-derived exosomal miR-274 targets Sprouty in trachea and synaptic boutons to modulate growth and responses to hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 116(49), 24651.