

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[w\[1\]; Sb\[1\]/TM3, P{w\[+mC\]=GAL4-Hsp70.PB}TR2, P{w\[+mC\]=UAS-GFP.Y}TR2, y\[+\] Ser\[1\]](#)

RRID:BDSC_5704

Type: Organism

Proper Citation

RRID:BDSC_5704

Organism Information

URL: <https://n2t.net/bdsc:5704>

Proper Citation: RRID:BDSC_5704

Description: Drosophila melanogaster with name w[1]; Sb[1]/TM3, P{w[+mC]=GAL4-Hsp70.PB}TR2, P{w[+mC]=UAS-GFP.Y}TR2, y[+] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Balancer selected for GFP expression in the absence of heat shock. Donor: Gunter Reuter, Max Planck Institute for Developmental Biology

Affected Gene: GAL4, Hsp70 (generic), Avic\GFP, UAS, Sb, Ser, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 5704

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5704, BDSC:5704, BL5704

Organism Name: w[1]; Sb[1]/TM3, P{w[+mC]=GAL4-Hsp70.PB}TR2, P{w[+mC]=UAS-GFP.Y}TR2, y[+] Ser[1]

Record Creation Time: 20240911T222154+0000

Record Last Update: 20260905T135814+0000

Ratings and Alerts

No rating or validation information has been found for w[1]; Sb[1]/TM3, P{w[+mC]=GAL4-Hsp70.PB}TR2, P{w[+mC]=UAS-GFP.Y}TR2, y[+] Ser[1].

No alerts have been found for w[1]; Sb[1]/TM3, P{w[+mC]=GAL4-Hsp70.PB}TR2, P{w[+mC]=UAS-GFP.Y}TR2, y[+] 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 [NIF](#) .

Macdonald SJ, et al. (2020) A naturally-occurring 22-bp coding deletion in Ugt86Dd reduces nicotine resistance in Drosophila melanogaster. BMC research notes, 13(1), 188.

Highfill CA, et al. (2017) Naturally Segregating Variation at Ugt86Dd Contributes to Nicotine Resistance in Drosophila melanogaster. Genetics, 207(1), 311.