

# Resource Summary Report

Generated by T1D on Sep 6, 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

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## 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].

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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 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

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.