

Resource Summary Report

Generated by SPARC SAWG on Sep 20, 2026

C(1)DX, y[1] f[1]; T(1;4)sc[H], sc[H] bt[H]

RRID:BDSC_4055

Type: Organism

Proper Citation

RRID:BDSC_4055

Organism Information

URL: <https://n2t.net/bdsc:4055>

Proper Citation: RRID:BDSC_4055

Description: Drosophila melanogaster with name C(1)DX, y[1] f[1]; T(1;4)sc[H], sc[H] bt[H] from BDSC.

Species: Drosophila melanogaster

Notes: bt[H] is a mutation on the Ts(1Lt;4Lt)sc[H] (=Df(4)sc[H]) chromosome that is distinct from and likely unrelated to the breakpoint in PlexA that replaced the 4R tip with the X tip. Donor: Mid-America Stock Center; Donor's Source: Irwin Oster, Bowling Green State University

Affected Gene: bt, f, sc, y

Genomic Alteration: Chromosome 1, Chromosome 4

Catalog Number: 4055

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4055, BDSC:4055, BL4055

Organism Name: C(1)DX, y[1] f[1]; T(1;4)sc[H], sc[H] bt[H]

Record Creation Time: 20240911T222141+0000

Record Last Update: 20260919T202412+0000

Ratings and Alerts

No rating or validation information has been found for C(1)DX, y[1] f[1]; T(1;4)sc[H], sc[H] bt[H].

No alerts have been found for C(1)DX, y[1] f[1]; T(1;4)sc[H], sc[H] bt[H].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ribeiro V, et al. (2026) Genome-wide screen for deficiencies modifying Cyclin G-induced developmental instability in *Drosophila melanogaster*. *Genetics*, 232(3).

Weasner BM, et al. (2025) A new *Drosophila melanogaster* research resource: CRISPR-induced mutations for clonal analysis of fourth chromosome genes. *G3 (Bethesda, Md.)*, 15(3).

Sawyer JK, et al. (2020) Exploiting codon usage identifies intensity-specific modifiers of Ras/MAPK signaling in vivo. *PLoS genetics*, 16(12), e1009228.

Nagy O, et al. (2018) Correlated Evolution of Two Copulatory Organs via a Single cis-Regulatory Nucleotide Change. *Current biology : CB*, 28(21), 3450.