

Resource Summary Report

Generated by [kravitz2](#) on Sep 6, 2026

w[1118]; Df(2R)BSC427/CyO

RRID:BDSC_24931

Type: Organism

Proper Citation

RRID:BDSC_24931

Organism Information

URL: <https://n2t.net/bdsc:24931>

Proper Citation: RRID:BDSC_24931

Description: Drosophila melanogaster with name w[1118]; Df(2R)BSC427/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Kevin Cook, Bloomington Drosophila Stock Center

Affected Gene: asRNA:CR43429, asRNA:CR44372, asRNA:CR45143, asRNA:CR45927, asRNA:CR46471, Cdk5, Cep89, CG12963, CG30080, CG30082, CG30083, CG30087, CG30088, CG30089, CG30091, CG30466, CG30467, CG30471, CG33460, CG33461, CG33462, CG33463, CG33465, CG42524, CG42662, CG46433, CG8187, CG8192, CG8195, CG8204, CG8249, cGlr1, eIF2Bgamma, Erasp, Flo1, fus, Gmppa, Gpo1, Impbeta11, lncRNA:CR44373, mir-278, Poxn, Rif1, sli, tun, Vha14-1, Vha36-1, Zasp52, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 24931

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24931, BDSC:24931, BL24931

Organism Name: w[1118]; Df(2R)BSC427/CyO

Record Creation Time: 20240911T222422+0000

Record Last Update: 20260905T140144+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Df(2R)BSC427/CyO.

No alerts have been found for w[1118]; Df(2R)BSC427/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Marion SB, et al. (2026) Transposable elements contribute substantially to naturally occurring genetic lethality in *Drosophila melanogaster*. PLoS biology, 24(3), e3003467.

Medina-Quintana J, et al. (2026) Zasp52 in *Drosophila melanogaster* indirect flight muscles can serve as a model system to investigate the function of clinical variants causing myopathies. G3 (Bethesda, Md.).

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

Liao KA, et al. (2020) Characterizing the actin-binding ability of Zasp52 and its contribution to myofibril assembly. PloS one, 15(7), e0232137.

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

Fogerson SM, et al. (2020) Identifying Key Genetic Regions for Cell Sheet Morphogenesis on Chromosome 2L Using a *Drosophila* Deficiency Screen in Dorsal Closure. G3 (Bethesda, Md.), 10(11), 4249.