

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[w\[1118\]; Df\(2R\)ED2457,
P{w\[+mW.Scer\FRT.hs3\]=3'.RS5+3.3'}ED2457/SM6a](#)

RRID:BDSC_8915

Type: Organism

Proper Citation

RRID:BDSC_8915

Organism Information

URL: <https://n2t.net/bdsc:8915>

Proper Citation: RRID:BDSC_8915

Description: Drosophila melanogaster with name w[1118]; Df(2R)ED2457, P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED2457/SM6a from BDSC.

Species: Drosophila melanogaster

Notes: Donor: DrosDel Project

Affected Gene: Acly, Asph, casp, CG30095, CG8388, CG8389, CG8399, CG8401, CG8405, Dg, EMC7, Jhe, Jhedup, lncRNA:CR43415, mir-137, mRpl34, Nol9, Prosbeta1, Rho1, Ric, Rrp42, SP2353, spin, Tmem131, Ufc1, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8915

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8915, BL8915

Organism Name: w[1118]; Df(2R)ED2457, P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED2457/SM6a

Record Creation Time: 20240911T222220+0000

Record Last Update: 20260808T194344+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Df(2R)ED2457, P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED2457/SM6a.

No alerts have been found for w[1118]; Df(2R)ED2457, P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED2457/SM6a.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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

Valencia-Expósito A, et al. (2025) Local weakening of cell-extracellular matrix adhesion triggers basal epithelial tissue folding. *The EMBO journal*, 44(7), 2002.

Molina López E, et al. (2023) Constriction imposed by basement membrane regulates developmental cell migration. *PLoS biology*, 21(6), e3002172.

Klußmann-Fricke BJ, et al. (2022) The basement membrane controls size and integrity of the *Drosophila* tracheal tubes. *Cell reports*, 39(4), 110734.

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.

Li X, et al. (2020) The Mediator CDK8-Cyclin C complex modulates Dpp signaling in *Drosophila* by stimulating Mad-dependent transcription. *PLoS genetics*, 16(5), e1008832.

Hope KA, et al. (2019) A genome-wide enhancer/suppressor screen for Dube3a interacting genes in *Drosophila melanogaster*. *Scientific reports*, 9(1), 2382.

Mehsen H, et al. (2018) PP2A-B55 promotes nuclear envelope reformation after mitosis in *Drosophila*. *The Journal of cell biology*, 217(12), 4106.