

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[w\[1118\]; PBac{w\[+mC\]=5HPw\[+\]}Ote\[B279\]/CyO, P{ry\[+t7.2\]=sevRas1.V12}FK1](#)

RRID:BDSC_16189

Type: Organism

Proper Citation

RRID:BDSC_16189

Organism Information

URL: <https://n2t.net/bdsc:16189>

Proper Citation: RRID:BDSC_16189

Description: Drosophila melanogaster with name w[1118]; PBac{w[+mC]=5HPw[+]}Ote[B279]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1 from BDSC.

Species: Drosophila melanogaster

Notes: Female sterile. Donor: Dan Garza & Brian Ring, Novartis Pharmaceuticals Corporation, Boston

Affected Gene: Ote, Ras85D, sev, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 16189

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_16189, BDSC:16189, BL16189

Organism Name: w[1118]; PBac{w[+mC]=5HPw[+]}Ote[B279]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1

Record Creation Time: 20240911T222310+0000

Record Last Update: 20260912T203306+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; PBac{w[+mC]=5HPw[+]}Ote[B279]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1.

No alerts have been found for w[1118]; PBac{w[+mC]=5HPw[+]}Ote[B279]/CyO, P{ry[+t7.2]=sevRas1.V12}FK1.

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 [NIF](#) .

Padilla JR, et al. (2025) Dystrophin interacts with Msp300 to regulate myonuclear positioning and microtubule organization. Journal of cell science, 138(17).

Jones SD, et al. (2024) Emerin preserves stem cell survival through maintenance of centrosome and nuclear lamina structure. Development (Cambridge, England), 151(22).

Emond-Fraser V, et al. (2023) Identification of PP2A-B55 targets uncovers regulation of emerin during nuclear envelope reassembly in Drosophila. Open biology, 13(7), 230104.

Duan T, et al. (2021) Drosophila female germline stem cells undergo mitosis without nuclear breakdown. Current biology : CB, 31(7), 1450.