

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[w\[1118\]; PBac{w\[+mC\]=WH}Ire1\[f02170\]/TM6B, Tb\[1\]](#)

RRID:BDSC_18520

Type: Organism

Proper Citation

RRID:BDSC_18520

Organism Information

URL: <https://n2t.net/bdsc:18520>

Proper Citation: RRID:BDSC_18520

Description: Drosophila melanogaster with name w[1118]; PBac{w[+mC]=WH}Ire1[f02170]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Exelixis, Inc.

Affected Gene: Ire1, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 18520

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_18520, BDSC:18520, BL18520

Organism Name: w[1118]; PBac{w[+mC]=WH}Ire1[f02170]/TM6B, Tb[1]

Record Creation Time: 20240911T222332+0000

Record Last Update: 20260912T203332+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; PBac{w[+mC]=WH}Ire1[f02170]/TM6B, Tb[1].

No alerts have been found for w[1118]; PBac{w[+mC]=WH}Ire1[f02170]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Brown B, et al. (2021) The transcription factor Xrp1 is required for PERK-mediated antioxidant gene induction in Drosophila. eLife, 10.

Dufey E, et al. (2020) Genotoxic stress triggers the activation of IRE1 α -dependent RNA decay to modulate the DNA damage response. Nature communications, 11(1), 2401.

Ryoo HD, et al. (2013) Drosophila XBP1 expression reporter marks cells under endoplasmic reticulum stress and with high protein secretory load. PloS one, 8(9), e75774.