

Resource Summary Report

Generated by [ASWG](#) on Aug 19, 2026

[w\[126\]; P{w\[+mC\]=UAS-Hsc70-3.D231S}D](#)

RRID:BDSC_5841

Type: Organism

Proper Citation

RRID:BDSC_5841

Organism Information

URL: <https://n2t.net/bdsc:5841>

Proper Citation: RRID:BDSC_5841

Description: Drosophila melanogaster with name w[126]; P{w[+mC]=UAS-Hsc70-3.D231S}D from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Karen Palter, Temple University

Affected Gene: Hsc70-3, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 5841

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5841, BL5841

Organism Name: w[126]; P{w[+mC]=UAS-Hsc70-3.D231S}D

Record Creation Time: 20240911T222155+0000

Record Last Update: 20260815T191246+0000

Ratings and Alerts

No rating or validation information has been found for w[126]; P{w[+mC]=UAS-Hsc70-3.D231S}D.

No alerts have been found for w[126]; P{w[+mC]=UAS-Hsc70-3.D231S}D.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. bioRxiv : the preprint server for biology.

Granat L, et al. (2023) Yeast NDI1 reconfigures neuronal metabolism and prevents the unfolded protein response in mitochondrial complex I deficiency. PLoS genetics, 19(7), e1010793.

Yamada T, et al. (2023) Nac?? protects the larval fat body from cell death by maintaining cellular proteostasis in Drosophila. Nature communications, 14(1), 5328.

Yamazoe T, et al. (2021) Expression of Human Mutant Preproinsulins Induced Unfolded Protein Response, Gadd45 Expression, JAK-STAT Activation, and Growth Inhibition in Drosophila. International journal of molecular sciences, 22(21).

Katsube H, et al. (2019) Endoplasmic reticulum stress-induced cellular dysfunction and cell death in insulin-producing cells results in diabetes-like phenotypes in Drosophila. Biology open, 8(12).