

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[w\[126\]; P{w\[+mC\]=UAS-Hsc70-4.K71S}G](#)

RRID:BDSC_5845

Type: Organism

Proper Citation

RRID:BDSC_5845

Organism Information

URL: <https://n2t.net/bdsc:5845>

Proper Citation: RRID:BDSC_5845

Description: Drosophila melanogaster with name w[126]; P{w[+mC]=UAS-Hsc70-4.K71S}G from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Karen Palter, Temple University

Affected Gene: Hsc70-4, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 5845

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5845, BL5845

Organism Name: w[126]; P{w[+mC]=UAS-Hsc70-4.K71S}G

Record Creation Time: 20240911T222155+0000

Record Last Update: 20260725T194828+0000

Ratings and Alerts

No rating or validation information has been found for w[126]; P{w[+mC]=UAS-Hsc70-4.K71S}G.

No alerts have been found for w[126]; P{w[+mC]=UAS-Hsc70-4.K71S}G.

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 [kravitz2](#) .

Cappucci U, et al. (2019) The Hsp70 chaperone is a major player in stress-induced transposable element activation. *Proceedings of the National Academy of Sciences of the United States of America*, 116(36), 17943.

Kumar A, et al. (2018) Molecular Chaperone Hsp70 and Its Constitutively Active Form Hsc70 Play an Indispensable Role During Eye Development of *Drosophila melanogaster*. *Molecular neurobiology*, 55(5), 4345.

Yan Y, et al. (2017) HDAC6 Suppresses Age-Dependent Ectopic Fat Accumulation by Maintaining the Proteostasis of PLIN2 in *Drosophila*. *Developmental cell*, 43(1), 99.