

Resource Summary Report

Generated by [kravitz2](#) on Aug 11, 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: 20260808T194312+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.