

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[w\[1118\]; P{w\[+mC\]=UAS-S6k.KQ}2](#)

RRID:BDSC_6911

Type: Organism

Proper Citation

RRID:BDSC_6911

Organism Information

URL: <https://n2t.net/bdsc:6911>

Proper Citation: RRID:BDSC_6911

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-S6k.KQ}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Mary Stewart, North Dakota State University

Affected Gene: S6k, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6911

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6911, BDSC:6911, BL6911

Organism Name: w[1118]; P{w[+mC]=UAS-S6k.KQ}2

Record Creation Time: 20240911T222204+0000

Record Last Update: 20260912T203128+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-S6k.KQ}2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-S6k.KQ}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

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.

Dong Q, et al. (2025) The blood-brain barrier regulates brain tumor growth through the SLC36 amino acid transporter Pathetic in Drosophila. PLoS biology, 23(11), e3003496.

Kanaoka Y, et al. (2023) Inter-organ Wingless/Ror/Akt signaling regulates nutrient-dependent hyperarborization of somatosensory neurons. eLife, 12.

Socha C, et al. (2023) Fast drosophila enterocyte regrowth after infection involves a reverse metabolic flux driven by an amino acid transporter. iScience, 26(9), 107490.

Brooks D, et al. (2022) Independent pathways control muscle tissue size and sarcomere remodeling. Developmental biology, 490, 1.

Ulgherait M, et al. (2021) Circadian autophagy drives iTRF-mediated longevity. Nature, 598(7880), 353.

Lien WY, et al. (2020) Lifespan regulation in γ/γ posterior neurons of the fly mushroom bodies by Rab27. Aging cell, 19(8), e13179.

Ulgherait M, et al. (2020) Circadian regulation of mitochondrial uncoupling and lifespan. Nature communications, 11(1), 1927.

Wen JK, et al. (2017) Atg9 antagonizes TOR signaling to regulate intestinal cell growth and epithelial homeostasis in Drosophila. eLife, 6.

Wang CW, et al. (2016) In vivo genetic dissection of tumor growth and the Warburg effect. eLife, 5.

Onyenwoke RU, et al. (2015) The mucopolidosis IV Ca²⁺ channel TRPML1 (MCOLN1) is regulated by the TOR kinase. The Biochemical journal, 470(3), 331.

Luo J, et al. (2013) Insulin/IGF-regulated size scaling of neuroendocrine cells expressing the bHLH transcription factor Dimmed in Drosophila. PLoS genetics, 9(12), e1004052.

Wong JJ, et al. (2013) A Cullin1-based SCF E3 ubiquitin ligase targets the InR/PI3K/TOR pathway to regulate neuronal pruning. PLoS biology, 11(9), e1001657.

Schriner SE, et al. (2013) Extension of Drosophila lifespan by Rhodiola rosea through a mechanism independent from dietary restriction. PloS one, 8(5), e63886.

Onyenwoke RU, et al. (2012) AMPK directly inhibits NDPK through a phosphoserine switch to maintain cellular homeostasis. Molecular biology of the cell, 23(2), 381.

Söderberg JA, et al. (2011) Insulin production and signaling in renal tubules of Drosophila is under control of tachykinin-related peptide and regulates stress resistance. PloS one, 6(5), e19866.

Cheng L, et al. (2011) S6 kinase localizes to the presynaptic active zone and functions with PDK1 to control synapse development. The Journal of cell biology, 194(6), 921.