

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=UAS-Atg1.S}6A](#)

RRID:BDSC_51654

Type: Organism

Proper Citation

RRID:BDSC_51654

Organism Information

URL: <https://n2t.net/bdsc:51654>

Proper Citation: RRID:BDSC_51654

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-Atg1.S}6A from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Thomas Neufeld, University of Minnesota

Affected Gene: Atg1, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 51654

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51654, BL51654

Organism Name: y[1] w[*]; P{w[+mC]=UAS-Atg1.S}6A

Record Creation Time: 20240911T222758+0000

Record Last Update: 20260801T195428+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-Atg1.S}6A.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-Atg1.S}6A.

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 [RRID](#) .

Wilson KA, et al. (2024) OXR1 maintains the retromer to delay brain aging under dietary restriction. Nature communications, 15(1), 467.

Chen T, et al. (2023) The Drosophila NPY-like system protects against chronic stress-induced learning deficit by preventing the disruption of autophagic flux. Proceedings of the National Academy of Sciences of the United States of America, 120(51), e2307632120.

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

Girard V, et al. (2021) Abnormal accumulation of lipid droplets in neurons induces the conversion of alpha-Synuclein to proteolytic resistant forms in a Drosophila model of Parkinson's disease. PLoS genetics, 17(11), e1009921.

Chaplot K, et al. (2019) SOD1 activity threshold and TOR signalling modulate VAP(P58S) aggregation via reactive oxygen species-induced proteasomal degradation in a Drosophila model of amyotrophic lateral sclerosis. Disease models & mechanisms, 12(2).