

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

JV1

RRID:WB-STRAIN:WBStrain00023444

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00023444

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023444>

Proper Citation: RRID:WB-STRAIN:WBStrain00023444

Description: Caenorhabditis elegans with name unc-119(ed3) III; jrls1. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(ed3) III; jrls1.

Notes: jrls1 [rpl-17p::HyPer + unc-119(+)]. Stable transgene ubiquitously expressing the YFP-based hydrogen peroxide sensor HyPer under a ribosomal promoter. Reference: Back P, et al. Free Radic Biol Med. 2012 Mar 1;52(5):850-9.["Made_by: Back & Braeckman"]

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00023444

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37099597](#)

Alternate IDs: WB-STRAIN:JV1, CGC_JV1

Organism Name: JV1

Record Creation Time: 20230227T013515+0000

Record Last Update: 20260815T162915+0000

Ratings and Alerts

No rating or validation information has been found for JV1.

No alerts have been found for JV1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ahsan FM, et al. (2026) Reductive death is averted by a conserved de novo lipogenic switch. *Molecular cell*, 86(13), 2539.

Hu Y, et al. (2023) Casein kinase 1 gamma regulates oxidative stress response via interacting with the NADPH dual oxidase complex. *PLoS genetics*, 19(4), e1010740.

Moreno A, et al. (2023) Examining Sporadic Cancer Mutations Uncovers a Set of Genes Involved in Mitochondrial Maintenance. *Genes*, 14(5).