

Resource Summary Report

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

QC118

RRID:WB-STRAIN:WBStrain00031164

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031164

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031164>

Proper Citation: RRID:WB-STRAIN:WBStrain00031164

Description: Caenorhabditis elegans with name atfs-1(et18) V. from WB.

Species: Caenorhabditis elegans

Synonyms: atfs-1(et18) V.

Notes: Gain-of-function atfs-1 allele. Reference: Rauthan M, et al. Proc Natl Acad Sci U S A. 2013 Apr 9;110(15):5981-6.|"WBStrain provided so WBPaper00061178 paper added based on AFP_Strain data."

Affected Gene: WBGene00013878(atfs-1)

Genomic Alteration: WBGene00013878(atfs-1)

Catalog Number: WB-STRAIN:WBStrain00031164

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33718883](#)

Alternate IDs: WB-STRAIN:QC118, CGC_QC118

Organism Name: QC118

Record Creation Time: 20230227T013614+0000

Record Last Update: 20260725T172257+0000

Ratings and Alerts

No rating or validation information has been found for QC118.

No alerts have been found for QC118.

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](#) .

Liu Y, et al. (2024) Neuronal PRDX-2-Mediated ROS Signaling Regulates Food Digestion via peripheral UPRmt Activation. Nature communications, 15(1), 10582.

Hao F, et al. (2024) Bacterial peptidoglycan acts as a digestive signal mediating host adaptation to diverse food resources in *C. elegans*. Nature communications, 15(1), 3286.

Cai H, et al. (2017) Life-Span Extension by Axenic Dietary Restriction Is Independent of the Mitochondrial Unfolded Protein Response and Mitohormesis in *Caenorhabditis elegans*. The journals of gerontology. Series A, Biological sciences and medical sciences, 72(10), 1311.