

Resource Summary Report

Generated by SPARC SAWG on Aug 24, 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: 20260815T163132+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 [SPARC SAWG](#) .

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.