

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[DR1572](#)

RRID:WB-STRAIN:WBStrain00006381

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00006381

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00006381>

Proper Citation: RRID:WB-STRAIN:WBStrain00006381

Description: Caenorhabditis elegans with name daf-2(e1368) III. from WB.

Species: Caenorhabditis elegans

Synonyms: daf-2(e1368) III.

Notes: Maintain at 15C. Class 1 allele of daf-2. Temperature sensitive Daf-c. Adults are long-lived (Age) and exhibit extrinsic thermotolerance (Itt).

Affected Gene: WBGene00000898(daf-2)

Genomic Alteration: WBGene00000898(daf-2)

Catalog Number: WB-STRAIN:WBStrain00006381

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:9725835](#), [PMID:34505574](#), [PMID:37991448](#), [PMID:39164296](#)

Alternate IDs: WB-STRAIN:DR1572, CGC_DR1572

Organism Name: DR1572

Record Creation Time: 20230227T013307+0000

Record Last Update: 20260905T114645+0000

Ratings and Alerts

No rating or validation information has been found for DR1572.

No alerts have been found for DR1572.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Demirbas B, et al. (2025) Body-wide synchronization of insulin-signaling dependent DAF-16/FOXO nuclear translocation pulses correlated with C. elegans growth. Nature communications, 16(1), 11273.

Athar F, et al. (2025) Glucose enrichment accelerates C. elegans reproductive aging via non-autonomous DAF-2/insulin-like receptor signaling in somatic tissues. bioRxiv : the preprint server for biology.

Kern CC, et al. (2025) Machine learning predicts lifespan and suggests underlying causes of death in aging C. elegans. Communications biology, 8(1), 1630.

Nauta KM, et al. (2024) A high-throughput screening platform for discovering bacterial species and small molecules that modify animal physiology. bioRxiv : the preprint server for biology.

Kumar A, et al. (2024) Heat-killed probiotic Levilactobacillus brevis MKAK9 and its exopolysaccharide promote longevity by modulating aging hallmarks and enhancing immune responses in Caenorhabditis elegans. Immunity & ageing : I & A, 21(1), 52.