

Resource Summary Report

Generated by SPARC SAWG on Aug 23, 2026

CB4108

RRID:WB-STRAIN:WBStrain00004538

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004538

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004538>

Proper Citation: RRID:WB-STRAIN:WBStrain00004538

Description: Caenorhabditis elegans with name fog-2(q71) V. from WB.

Species: Caenorhabditis elegans

Synonyms: fog-2(q71) V.

Notes: Male/female strain. Maintain by mating. XX animals are female. XO animals are WT males.|"Reference WBPaper00055815 added based on published strain data identified by Textpresso literature search."|"Reference WBPaper00056998 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype fog-2(q71) V"|"Supplementary_genotype fog-2(q71) V."|"WBStrain provided so WBPaper00060495 paper added based on AFP_Strain data."

Affected Gene: WBGene00001482(fog-2)

Genomic Alteration: WBGene00001482(fog-2)

Catalog Number: WB-STRAIN:WBStrain00004538

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:25060624](#), [PMID:30489010](#), [PMID:31282863](#), [PMID:33065011](#), [PMID:37118502](#), [PMID:37624117](#), [PMID:37703874](#), [PMID:37587694](#), [PMID:37729202](#), [PMID:38271363](#), [PMID:38418585](#), [PMID:39167497](#)

Alternate IDs: WB-STRAIN:CB4108, CGC_CB4108

Organism Name: CB4108

Record Creation Time: 20230227T013253+0000

Record Last Update: 20260815T162336+0000

Ratings and Alerts

No rating or validation information has been found for CB4108.

No alerts have been found for CB4108.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

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*.

Gaylord OJ, et al. (2025) RNA Helicase A promotes small RNA biogenesis and sorting in germ cells. *bioRxiv : the preprint server for biology*.

Rockman MV, et al. (2025) Variation in inbreeding depression within and among *Caenorhabditis* species. *bioRxiv : the preprint server for biology*.

Engbrecht J, et al. (2025) Loss of Meiotic Double Strand Breaks Triggers Recruitment of Recombination-independent Pro-crossover Factors in *C. elegans* Spermatogenesis. *bioRxiv : the preprint server for biology*.

Higley CM, et al. (2025) Effects of bisphenol A, bisphenol S, and tetramethyl bisphenol F on male fertility in *Caenorhabditis elegans*. *Toxicology and industrial health*, 41(1), 11.

Rockman MV, et al. (2025) Variation in inbreeding depression within and among *Caenorhabditis* species. *G3 (Bethesda, Md.)*, 15(12).

Engbrecht J, et al. (2025) Loss of meiotic double strand breaks triggers recruitment of recombination-independent pro-crossover factors in *C. elegans* spermatogenesis. *PLoS genetics*, 21(10), e1011763.

Beath EA, et al. (2024) Katanin, kinesin-13 and ataxin-2 inhibit premature interaction between maternal and paternal genomes in *C. elegans* zygotes. *bioRxiv : the preprint*

server for biology.

Beath EA, et al. (2024) Katanin, kinesin-13, and ataxin-2 inhibit premature interaction between maternal and paternal genomes in *C. elegans* zygotes. *eLife*, 13.

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. *PLoS genetics*, 20(11), e1011453.

Susoy V, et al. (2023) Evolutionarily conserved behavioral plasticity enables context-dependent mating in *C. elegans*. *Current biology : CB*, 33(20), 4532.

Sun B, et al. (2023) The CERV protein of Cer1, a *C. elegans* LTR retrotransposon, is required for nuclear export of viral genomic RNA and can form giant nuclear rods. *PLoS genetics*, 19(6), e1010804.

Toraason E, et al. (2022) Aging and sperm signals alter DNA break formation and repair in the *C. elegans* germline. *PLoS genetics*, 18(11), e1010282.