

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

BCN9071

RRID:WB-STRAIN:WBStrain00003783

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003783

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003783>

Proper Citation: RRID:WB-STRAIN:WBStrain00003783

Description: Caenorhabditis elegans with name vit-2(crg9070[vit-2::gfp]) X from WB.

Species: Caenorhabditis elegans

Synonyms: vit-2(crg9070[vit-2::gfp]) X

Notes: GFP knocked into C terminal of vit-2 gene by CRISPR/Cas9 using self-excising drug selection cassette method of Dickinson et al. (2015, Genetics). ["GFP knocked into C terminal of vit-2 gene by CRISPR/Cas9 using self-excising drug selection cassette method of Dickinson et al. (2015, Genetics). Strain is derived from BCN9070, which was outcrossed to remove a linked background mutation on LG X causing transgenic males to mate poorly. Reference: Perez MF, et al. Nature. 2017 Dec 7;552(7683):106-109."]

Affected Gene: WBGene00006926(vit-2)

Genomic Alteration: WBGene00006926(vit-2)

Catalog Number: WB-STRAIN:WBStrain00003783

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38547054](#), [PMID:39652010](#)

Alternate IDs: WB-STRAIN:BCN9071, CGC_BCN9071

Organism Name: BCN9071

Record Creation Time: 20230227T013247+0000

Record Last Update: 20260905T114607+0000

Ratings and Alerts

No rating or validation information has been found for BCN9071.

No alerts have been found for BCN9071.

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](#) .

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.

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.

Zhai C, et al. (2022) Fusion and expansion of vitellogenin vesicles during *Caenorhabditis elegans* intestinal senescence. *Aging cell*, 21(11), e13719.

Cao Z, et al. (2022) A Flexible Network of Lipid Droplet Associated Proteins Support Embryonic Integrity of *C. elegans*. *Frontiers in cell and developmental biology*, 10, 856474.

Turek M, et al. (2021) Muscle-derived exophers promote reproductive fitness. *EMBO reports*, 22(8), e52071.