

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

RB2302

RRID:WB-STRAIN:WBStrain00032980

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032980

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032980>

Proper Citation: RRID:WB-STRAIN:WBStrain00032980

Description: Caenorhabditis elegans with name daf-7(ok3125) III. from WB.

Species: Caenorhabditis elegans

Synonyms: daf-7(ok3125) III.

Notes: B0412.2 Homozygous. Maintain at 15C. Outer Left Sequence: cttccttctttccctccac. Outer Right Sequence: ttgtgacaatcggaagtgga. Inner Left Sequence: gcttatccggattgacgaa. Inner Right Sequence: catttcttgcgatcattcc. Inner Primer PCR Length: 1162. Deletion size: about 600 bp.|"Made_by: OMRF Knockout Group"| "This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00000903(daf-7)

Genomic Alteration: WBGene00000903(daf-7)

Catalog Number: WB-STRAIN:WBStrain00032980

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:39431324](#)

Alternate IDs: WB-STRAIN:RB2302, CGC_RB2302

Organism Name: RB2302

Record Creation Time: 20230227T013627+0000

Record Last Update: 20260815T163206+0000

Ratings and Alerts

No rating or validation information has been found for RB2302.

No alerts have been found for RB2302.

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](#) .

Lee H, et al. (2024) Genetic variants that modify neuroendocrine gene expression and foraging behavior of *C. elegans*. *Science advances*, 10(24), eadk9481.

Pu L, et al. (2023) Hypoxia induces food leaving in *C. elegans*. *microPublication biology*, 2023.

Pandey P, et al. (2021) Dauer Formation in *C. elegans* Is Modulated through AWC and ASI-Dependent Chemosensation. *eNeuro*, 8(2).

Patel DS, et al. (2020) A Multicellular Network Mechanism for Temperature-Robust Food Sensing. *Cell reports*, 33(12), 108521.

Zhang Y, et al. (2019) TGF β -like DAF-7 acts as a systemic signal for autophagy regulation in *C. elegans*. *The Journal of cell biology*, 218(12), 3998.