

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

EJ1158

RRID:WB-STRAIN:WBStrain00007128

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007128

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007128>

Proper Citation: RRID:WB-STRAIN:WBStrain00007128

Description: Caenorhabditis elegans with name gon-2(q388) l. from WB.

Species: Caenorhabditis elegans

Synonyms: gon-2(q388) l.

Notes: NOTE: Supplement media to 50 mM Mg²⁺ and grow at 15C for maximum fertility. Temperature-sensitive failure of gonad precursor divisions. Penetrance of Gon phenotype is high at 23.5C. At 25 degrees you can expect reduced brood sizes and some embryonic lethality. [Note: temperature sensitive period for gon-2(q388) begins prior to fertilization.] Reference: Sun AY & Lambie EJ. Genetics. 1997 Nov;147(3):1077-89.|"WBStrain provided so WBPaper00061436 paper added based on AFP_Strain data."

Affected Gene: WBGene00001651(gon-2)

Genomic Alteration: WBGene00001651(gon-2)

Catalog Number: WB-STRAIN:WBStrain00007128

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37155851](#), [PMID:38446031](#)

Alternate IDs: WB-STRAIN:EJ1158, CGC_EJ1158

Organism Name: EJ1158

Record Creation Time: 20230227T013312+0000

Record Last Update: 20260808T170840+0000

Ratings and Alerts

No rating or validation information has been found for EJ1158.

No alerts have been found for EJ1158.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Otarigho B, et al. (2024) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *eLife*, 12.

Ji H, et al. (2023) A proprioceptive feedback circuit drives *Caenorhabditis elegans* locomotor adaptation through dopamine signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(20), e2219341120.

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

Otarigho B, et al. (2023) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *bioRxiv : the preprint server for biology*.