

Resource Summary Report

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

GN112

RRID:WB-STRAIN:WBStrain00007871

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007871

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007871>

Proper Citation: RRID:WB-STRAIN:WBStrain00007871

Description: Caenorhabditis elegans with name pglS2. from WB.

Species: Caenorhabditis elegans

Synonyms: pglS2.

Notes: Made_by: B MacInnis/A Hellman]"pglS2 [gcy-8p::TU#813 + gcy-8p::TU#814 + unc-122p::GFP + gcy-8p::mCherry + gcy-8p::GFP + ttx-3p::GFP]. TU#813 and TU#814 are split caspase vectors (Chalfie Lab) subcloned downstream of the gcy-8 promoter. Expression of GFP in coelomocytes and AIY neuron, and mCherry in AFD neuron when caspase activity is lost. Reference: Glauser DA, et al. Genetics. 2011 May;188(1):91-103."["Supplementary_genotype pglS2 [gcy-8p::TU#813 + gcy-8p::TU#814 + unc-122p::GFP + gcy-8p::mCherry + gcy-8p::GFP + ttx-3p::GFP]"

Catalog Number: WB-STRAIN:WBStrain00007871

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37258276](#)

Alternate IDs: WB-STRAIN:GN112, CGC_GN112

Organism Name: GN112

Record Creation Time: 20230227T013318+0000

Record Last Update: 20260815T162444+0000

Ratings and Alerts

No rating or validation information has been found for GN112.

No alerts have been found for GN112.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Rosero M, et al. (2026) AFD thermosensory neurons mediate tactile-dependent locomotion modulation in *C. elegans*. *eLife*, 14.

Venkatesh SR, et al. (2023) Amphid sensory neurons of *Caenorhabditis elegans* orchestrate its survival from infection with broad classes of pathogens. *Life science alliance*, 6(8).

Thapliyal S, et al. (2023) Multisite regulation integrates multimodal context in sensory circuits to control persistent behavioral states in *C. elegans*. *Nature communications*, 14(1), 3052.