

Resource Summary Report

Generated by SPARC SAWG on Aug 23, 2026

CX4998

RRID:WB-STRAIN:WBStrain00005266

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005266>

Proper Citation: RRID:WB-STRAIN:WBStrain00005266

Description: Caenorhabditis elegans with name kyls140 I; nsy-1(ky397) II. from WB.

Species: Caenorhabditis elegans

Synonyms: kyls140 I; nsy-1(ky397) II.

Notes: kyls140 [str-2::GFP + lin-15(+)] I. In nsy-1 mutants str-2::GFP is expressed in both AWC neurons.

Affected Gene: WBGene00003822(nsy-1)|WBGene00006070(str-2)

Genomic Alteration: WBGene00003822(nsy-1), WBGene00006070(str-2)

Catalog Number: WB-STRAIN:WBStrain00005266

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10571181](#)

Alternate IDs: WB-STRAIN:CX4998, CGC_CX4998

Organism Name: CX4998

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260815T162350+0000

Ratings and Alerts

No rating or validation information has been found for CX4998.

No alerts have been found for CX4998.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Liu Y, et al. (2025) Neuronal detection triggers systemic digestive shutdown in response to adverse food sources in *Caenorhabditis elegans*. eLife, 14.