

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

JN1715

RRID:WB-STRAIN:WBStrain00022701

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00022701

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00022701>

Proper Citation: RRID:WB-STRAIN:WBStrain00022701

Description: Caenorhabditis elegans with name pels1715. from WB.

Species: Caenorhabditis elegans

Synonyms: pels1715.

Notes: pels1715 [str-1p::mCasp-1 + unc-122p::GFP]. AWB neurons are eliminated. Abnormal odor chemotaxis. Reference: Yoshida K, et al. Nat Commun. 2012 Mar 13;3:739.|"Supplementary_genotype -AWB: pels1715 [str-1p::mCasp-1 + unc-122p::GFP]"|"UV for integration of Ex into the genome"|"WBStrain mapped, WBPaper00061436 added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00022701

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37769660](#), [PMID:38446031](#)

Alternate IDs: WB-STRAIN:JN1715, CGC_JN1715

Organism Name: JN1715

Record Creation Time: 20230227T013510+0000

Record Last Update: 20260808T171210+0000

Ratings and Alerts

No rating or validation information has been found for JN1715.

No alerts have been found for JN1715.

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.

Huang YC, et al. (2023) A single neuron in *C. elegans* orchestrates multiple motor outputs through parallel modes of transmission. *bioRxiv* : the preprint server for biology.

Luo J, et al. (2023) *C. elegans* males optimize mate-choice decisions via sex-specific responses to multimodal sensory cues. *bioRxiv* : the preprint server for biology.

Huang YC, et al. (2023) A single neuron in *C. elegans* orchestrates multiple motor outputs through parallel modes of transmission. *Current biology* : CB, 33(20), 4430.