

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

TQ296

RRID:WB-STRAIN:WBStrain00034934

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034934

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034934>

Proper Citation: RRID:WB-STRAIN:WBStrain00034934

Description: Caenorhabditis elegans with name trp-4(sy695) I. from WB.

Species: Caenorhabditis elegans

Synonyms: trp-4(sy695) I.

Notes: Made_by Wei Li|Mutagen:UV/TMP"

Affected Gene: WBGene00006616(trp-4)

Genomic Alteration: WBGene00006616(trp-4)

Catalog Number: WB-STRAIN:WBStrain00034934

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32009302](#), [PMID:37119137](#), [PMID:37155851](#),
[PMID:40118018](#)

Alternate IDs: WB-STRAIN:TQ296, CGC_TQ296

Organism Name: TQ296

Record Creation Time: 20230227T013643+0000

Record Last Update: 20260815T163246+0000

Ratings and Alerts

No rating or validation information has been found for TQ296.

No alerts have been found for TQ296.

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](#) .

Liu Y, et al. (2025) Nicotine induces abnormal motor coupling through sensitization of a mechanosensory circuit in *Caenorhabditis elegans*. PLoS biology, 23(10), e3003423.

Fok A, et al. (2023) High-fidelity encoding of mechanostimuli by tactile food-sensing neurons requires an ensemble of ion channels. Cell reports, 42(5), 112452.

Tee LF, et al. (2023) Electric shock causes a fleeing-like persistent behavioral response in the nematode *Caenorhabditis elegans*. Genetics, 225(2).

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.