

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

TJ375

RRID:WB-STRAIN:WBStrain00034895

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034895

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034895>

Proper Citation: RRID:WB-STRAIN:WBStrain00034895

Description: Caenorhabditis elegans with name gpls1. from WB.

Species: Caenorhabditis elegans

Synonyms: gpls1.

Notes: gpls1 [hsp-16.2p::GFP]. Inducible GFP fluorescence after >1 hour heat shock at 35C. Insertion not mapped."|"Made_by: Henderson and Link"|"Mutagen:Gamma Rays"|"Reference WBPaper00054805 added based on published strain data identified by Textpresso literature search."|"Reference WBPaper00057259 added based on published strain data identified by Textpresso literature search."|"Reference WBPaper00058621 added based on published strain data identified by Textpresso literature search."|"Reference WBPaper00058626 added based on published strain data identified by Textpresso literature search."|"WBStrain provided so WBPaper00060410 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061585 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061805 paper added based on AFP_Strain data."

Affected Gene: WBGene00002016(hsp-16.2)

Genomic Alteration: WBGene00002016(hsp-16.2)

Catalog Number: WB-STRAIN:WBStrain00034895

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:29956725](#), [PMID:31432005](#), [PMID:31510078](#), [PMID:31331055](#), [PMID:32535316](#), [PMID:32707947](#), [PMID:33006972](#), [PMID:33183600](#), [PMID:33809299](#), [PMID:34196492](#), [PMID:34407398](#), [PMID:35045336](#), [PMID:37416472](#), [PMID:37254351](#), [PMID:37443152](#), [PMID:38852157](#), [PMID:39273603](#)

Alternate IDs: WB-STRAIN:TJ375, CGC_TJ375

Organism Name: TJ375

Record Creation Time: 20230227T013642+0000

Record Last Update: 20260815T163246+0000

Ratings and Alerts

No rating or validation information has been found for TJ375.

No alerts have been found for TJ375.

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 [dkNET](#) .

Liu Y, et al. (2024) Neuronal PRDX-2-Mediated ROS Signaling Regulates Food Digestion via peripheral UPRmt Activation. Nature communications, 15(1), 10582.

Xu F, et al. (2023) Reprogramming of the transcriptome after heat stress mediates heat hormesis in *Caenorhabditis elegans*. Nature communications, 14(1), 4176.

Sturm ??, et al. (2023) Downregulation of transposable elements extends lifespan in *Caenorhabditis elegans*. Nature communications, 14(1), 5278.