

Resource Summary Report

Generated by [NIF](#) on Aug 29, 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 [NIF](#) .

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.