

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 30, 2026

TG38

RRID:WB-STRAIN:WBStrain00034665

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034665

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034665>

Proper Citation: RRID:WB-STRAIN:WBStrain00034665

Description: Caenorhabditis elegans with name aak-2(ok524) from WB.

Species: Caenorhabditis elegans

Synonyms: aak-2(ok524)

Notes: 606bp deletion:Starts at position 3979, deletes exon 3|"Hypersensitive to oxidative stress, heat, and UV. 606 bp deletion from nucleotide 22 of Exon 3 to nucleotide 160 of Intron 3."|"Mutagen:UV/TMP"|"Supplementary_genotype aak-2(gt33)"|"WBStrain mapped, WBPaper00061072 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061110 added based on AFP_Strain data."

Affected Gene: WBGene00020142(aak-2)

Genomic Alteration: WBGene00020142(aak-2)

Catalog Number: WB-STRAIN:WBStrain00034665

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33602504](#), [PMID:33654835](#), [PMID:34610328](#), [PMID:37782016](#)

Alternate IDs: WB-STRAIN:TG38, CGC_TG38

Organism Name: TG38

Record Creation Time: 20230227T013640+0000

Record Last Update: 20260829T162223+0000

Ratings and Alerts

No rating or validation information has been found for TG38.

No alerts have been found for TG38.

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 [PRECISE-TBI](#) .

Gusarov I, et al. (2017) Glycogen controls *Caenorhabditis elegans* lifespan and resistance to oxidative stress. *Nature communications*, 8, 15868.

Ferguson AA, et al. (2013) TATN-1 mutations reveal a novel role for tyrosine as a metabolic signal that influences developmental decisions and longevity in *Caenorhabditis elegans*. *PLoS genetics*, 9(12), e1004020.

LaRue BL, et al. (2011) Environmental and genetic preconditioning for long-term anoxia responses requires AMPK in *Caenorhabditis elegans*. *PloS one*, 6(2), e16790.