

Resource Summary Report

Generated by PRECISE-TBI on Aug 11, 2026

TG4100

RRID:WB-STRAIN:WBStrain00034703

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034703>

Proper Citation: RRID:WB-STRAIN:WBStrain00034703

Description: Caenorhabditis elegans with name vtIs1 V; glit-1(gt1981) X. from WB.

Species: Caenorhabditis elegans

Synonyms: vtIs1 V; glit-1(gt1981) X.

Notes: vtIs1 [dat-1p::GFP + rol-6(su1006)] V. Strain does not roll obviously. gt1981 is a point mutation in a highly conserved residue. Hypersensitive to oxidative stress: Increased dopaminergic neurodegeneration after 6-OHDA exposure and increased developmental delay after exposure to rotenone and paraquat. Reference: Offenburger SL, et al. <https://doi.org/10.1093/emboj/cda001>

Affected Gene: WBGene00018878(glit-1)

Genomic Alteration: WBGene00018878(glit-1)

Catalog Number: WB-STRAIN:WBStrain00034703

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:TG4100, CGC_TG4100

Organism Name: TG4100

Record Creation Time: 20230227T013640+0000

Record Last Update: 20260808T171451+0000

Ratings and Alerts

No rating or validation information has been found for TG4100.

No alerts have been found for TG4100.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.