

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[GR1366](#)

RRID:WB-STRAIN:WBStrain00007909

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007909

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007909>

Proper Citation: RRID:WB-STRAIN:WBStrain00007909

Description: Caenorhabditis elegans with name mgIs42[tph-1::GFP, rol-6(su1006)] from WB.

Species: Caenorhabditis elegans

Synonyms: mgIs42[tph-1::GFP, rol-6(su1006)]

Notes: mgIs42 [tph-1::GFP + rol-6(su1006)]. Rollers.

Affected Gene: WBGene00006600(tph-1)

Genomic Alteration: WBGene00006600(tph-1)

Catalog Number: WB-STRAIN:WBStrain00007909

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37416472](#), [PMID:38520690](#), [PMID:39205325](#)

Alternate IDs: WB-STRAIN:GR1366, CGC_GR1366

Organism Name: GR1366

Record Creation Time: 20230227T013318+0000

Record Last Update: 20260829T161408+0000

Ratings and Alerts

No rating or validation information has been found for GR1366.

No alerts have been found for GR1366.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Faroud Lopez R, et al. (2025) Lithium nickel manganese cobalt oxide particles cause developmental neurotoxicity in *Caenorhabditis elegans*. *Environmental science. Advances*, 4(11), 1767.

Huayta J, et al. (2025) Inhibition of Mitochondrial Complex III Causes Dopaminergic Neurodegeneration by Redox Stress in *Caenorhabditis elegans*. *bioRxiv : the preprint server for biology*.

Rahman SS, et al. (2025) Methionine cycle in *C. elegans* serotonergic neurons regulates diet-dependent behaviour and longevity through neuron-gut signaling. *Nature communications*, 16(1), 5118.

Petratou D, et al. (2023) A proton-inhibited DEG/ENaC ion channel maintains neuronal ionstasis and promotes neuronal survival under stress. *iScience*, 26(7), 107117.

Wellenberg A, et al. (2021) Cisplatin-induced neurotoxicity involves the disruption of serotonergic neurotransmission. *Pharmacological research*, 174, 105921.