

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

FG58

RRID:WB-STRAIN:WBStrain00007482

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007482

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007482>

Proper Citation: RRID:WB-STRAIN:WBStrain00007482

Description: Caenorhabditis elegans with name dop-4(tm1392) X from WB.

Species: Caenorhabditis elegans

Synonyms: dop-4(tm1392) X

Notes: EMPTY

Affected Gene: WBGene00016872(dop-4)

Genomic Alteration: WBGene00016872(dop-4)

Catalog Number: WB-STRAIN:WBStrain00007482

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37155851](#), [PMID:38514005](#)

Alternate IDs: WB-STRAIN:FG58, CGC_FG58

Organism Name: FG58

Record Creation Time: 20230227T013315+0000

Record Last Update: 20260815T162436+0000

Ratings and Alerts

No rating or validation information has been found for FG58.

No alerts have been found for FG58.

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](#) .

Ji H, et al. (2023) A proprioceptive feedback circuit drives *Caenorhabditis elegans* locomotor adaptation through dopamine signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(20), e2219341120.

Pu L, et al. (2023) Hypoxia induces food leaving in *C. elegans*. *microPublication biology*, 2023.

Essmann CL, et al. (2018) Activation of RHO-1 in cholinergic motor neurons competes with dopamine signalling to control locomotion. *PloS one*, 13(9), e0204057.