

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

CF2805

RRID:WB-STRAIN:WBStrain00004915

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004915>

Proper Citation: RRID:WB-STRAIN:WBStrain00004915

Description: Caenorhabditis elegans with name dop-2(vs105) V; dop-4(ok1321) dop-1(vs100) dop-3(vs106) X from WB.

Species: Caenorhabditis elegans

Synonyms: dop-2(vs105) V; dop-4(ok1321) dop-1(vs100) dop-3(vs106) X

Notes: Quadruple mutant removing four different dopamine receptor genes.

Affected Gene: WBGene00001052(dop-1)|WBGene00001053(dop-2)|WBGene00016872(dop-4)|WBGene00020506(dop-3)

Genomic Alteration: WBGene00001052(dop-1), WBGene00001053(dop-2), WBGene00016872(dop-4), WBGene00020506(dop-3)

Catalog Number: WB-STRAIN:WBStrain00004915

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37431892](#)

Alternate IDs: WB-STRAIN:CF2805, CGC_CF2805

Organism Name: CF2805

Record Creation Time: 20230227T013256+0000

Record Last Update: 20260815T162343+0000

Ratings and Alerts

No rating or validation information has been found for CF2805.

No alerts have been found for CF2805.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bastien BL, et al. (2024) nlr-1/CNTNAP regulates dopamine circuit structure and foraging behaviors in *C. elegans*. *Communications biology*, 7(1), 1248.

Cermak N, et al. (2020) Whole-organism behavioral profiling reveals a role for dopamine in state-dependent motor program coupling in *C. elegans*. *eLife*, 9.