

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

LX734

RRID:WB-STRAIN:WBStrain00026379

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026379

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026379>

Proper Citation: RRID:WB-STRAIN:WBStrain00026379

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

Species: Caenorhabditis elegans

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

Notes: EMPTY

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

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

Catalog Number: WB-STRAIN:WBStrain00026379

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37155851](#), [PMID:37431892](#)

Alternate IDs: WB-STRAIN:LX734, CGC_LX734

Organism Name: LX734

Record Creation Time: 20230227T013537+0000

Record Last Update: 20260912T181517+0000

Ratings and Alerts

No rating or validation information has been found for LX734.

No alerts have been found for LX734.

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 [dkNET](#) .

McMillen A, et al. (2025) Dopaminergic Modulation of Short-Term Associative Memory in *Caenorhabditis elegans*. *Journal of neurochemistry*, 169(8), e70200.

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.