

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

LX706

RRID:WB-STRAIN:WBStrain00026377

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026377

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026377>

Proper Citation: RRID:WB-STRAIN:WBStrain00026377

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

Species: Caenorhabditis elegans

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

Notes: EMPTY

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

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

Catalog Number: WB-STRAIN:WBStrain00026377

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

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

Alternate IDs: WB-STRAIN:LX706, CGC_LX706

Organism Name: LX706

Record Creation Time: 20230227T013537+0000

Record Last Update: 20260829T161951+0000

Ratings and Alerts

No rating or validation information has been found for LX706.

No alerts have been found for LX706.

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](#) .

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.