

# Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

## LX702

RRID:WB-STRAIN:WBStrain00026373

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00026373

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### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00026373>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00026373

**Description:** Caenorhabditis elegans with name dop-2(vs105) V from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** dop-2(vs105) V

**Notes:** 125 bp deletion. First 22 bp of deletion: AAGTATATTTTATTTTCAGGTA. Last 22 bp: GTGGCCATCATAGTTATGCCAT.|"WBStrain mapped, WBPaper00059778 added based on AFP\_Strain data."|"WBStrain mapped, WBPaper00060969 added based on AFP\_Strain data."|"WBStrain mapped, WBPaper00060976 added based on AFP\_Strain data."|"WBStrain provided so WBPaper00060134 paper added based on AFP\_Strain data."|"WBStrain provided so WBPaper00061917 paper added based on AFP\_Strain data."

**Affected Gene:** WBGene00001053(dop-2)

**Genomic Alteration:** WBGene00001053(dop-2)

**Catalog Number:** WB-STRAIN:WBStrain00026373

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:32510332](#), [PMID:32847964](#), [PMID:33524034](#), [PMID:34517863](#), [PMID:37155851](#), [PMID:37416472](#), [PMID:37431892](#), [PMID:38338915](#), [PMID:38514005](#)

**Alternate IDs:** WB-STRAIN:LX702, CGC\_LX702

**Organism Name:** LX702

**Record Creation Time:** 20230227T013537+0000

**Record Last Update:** 20260815T163011+0000

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## Ratings and Alerts

No rating or validation information has been found for LX702.

No alerts have been found for LX702.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 4 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.

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

Ali Nasser R, et al. (2023) Early-life experience reorganizes neuromodulatory regulation of stage-specific behavioral responses and individuality dimensions during development. *eLife*, 12.

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.