

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 22, 2026

LX636

RRID:WB-STRAIN:WBStrain00026368

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026368

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026368>

Proper Citation: RRID:WB-STRAIN:WBStrain00026368

Description: Caenorhabditis elegans with name dop-1(vs101) X from WB.

Species: Caenorhabditis elegans

Synonyms: dop-1(vs101) X

Notes: 167 bp deletion which takes out most of exon 3 and the first 42 bases of exon 4.

The first 22 bp of the deletion are:

TATGGCTGATATCCGCAGGAAT.|"Mutagen:UV/TMP"|"WBStrain mapped, WBPaper00060976 added based on AFP_Strain data."|"WBStrain provided so WBPaper00061917 paper added based on AFP_Strain data."

Affected Gene: WBGene00001052(dop-1)

Genomic Alteration: WBGene00001052(dop-1)

Catalog Number: WB-STRAIN:WBStrain00026368

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34517863](#), [PMID:37155851](#), [PMID:38514005](#)

Alternate IDs: WB-STRAIN:LX636, CGC_LX636

Organism Name: LX636

Record Creation Time: 20230227T013537+0000

Record Last Update: 20260815T163011+0000

Ratings and Alerts

No rating or validation information has been found for LX636.

No alerts have been found for LX636.

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 [SPARC SAWG](#) .

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.