

Resource Summary Report

Generated by PRECISE-TBI on Aug 29, 2026

nlp-45(ot1047) X.

RRID:WB-STRAIN:WBStrain00051825

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051825

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051825>

Proper Citation: RRID:WB-STRAIN:WBStrain00051825

Description: Caenorhabditis elegans with name nlp-45(ot1047) X. from WB.

Species: Caenorhabditis elegans

Synonyms: nlp-45(ot1047) X.

Notes: Presumed null allele nlp-45. ot1047 deletion causes a frameshift resulting in a shortened coding sequence that doesn't include mature neuropeptide. Reference: Sun H & Hobert O. Nature. 2021 Dec;600(7887):93-99. doi: 10.1038/s41586-021-04071-4. PMID: 34759317.

Affected Gene: WBGene00020136(nlp-45)

Genomic Alteration: WBGene00020136(nlp-45)

Catalog Number: WB-STRAIN:WBStrain00051825

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: nlp-45(ot1047) X.

Record Creation Time: 20230227T013850+0000

Record Last Update: 20260815T163750+0000

Ratings and Alerts

No rating or validation information has been found for nlp-45(ot1047) X..

No alerts have been found for nlp-45(ot1047) X..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.