

Resource Summary Report

Generated by PRECISE-TBI on Aug 18, 2026

otEx7677; nlp-45(ot1046) X.

RRID:WB-STRAIN:WBStrain00051830

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051830

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051830>

Proper Citation: RRID:WB-STRAIN:WBStrain00051830

Description: Caenorhabditis elegans with name otEx7677; nlp-45(ot1046) X. from WB.

Species: Caenorhabditis elegans

Synonyms: otEx7677; nlp-45(ot1046) X.

Notes: otEx7677 [mgl-1p::nlp-45 cDNA::SL2::TagRFP::p10 3'UTR + inx-6(prom18)::TagRFP]. Pick RFP+ to maintain. Over-expression of nlp-45 in the RMDD/V neurons in nlp-45 mutant background. 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:WBStrain00051830

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: otEx7677; nlp-45(ot1046) X.

Record Creation Time: 20230227T013850+0000

Record Last Update: 20260815T163751+0000

Ratings and Alerts

No rating or validation information has been found for otEx7677; nlp-45(ot1046) X..

No alerts have been found for otEx7677; nlp-45(ot1046) 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.