

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

endu-2(tm4977) X; byEx1551.

RRID:WB-STRAIN:WBStrain00054670

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054670

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054670>

Proper Citation: RRID:WB-STRAIN:WBStrain00054670

Description: Caenorhabditis elegans with name endu-2(tm4977) X; byEx1551. from WB.

Species: Caenorhabditis elegans

Synonyms: endu-2(tm4977) X; byEx1551.

Notes: byEx1551 [vha-6p::endu-2::eGFP::3xFLAG + myo-2p::mCherry]. Pick mCherry+ animals to maintain array. Transgene provides intestinal rescue of endu-2(tm4977) that also rescues mortal germline (Mrt) phenotype. Reference: Qi W, et al. (2020) A secreted endoribonuclease ENDU-2 from the soma protects germline immortality in C. elegans. BioRxiv. doi: 10.1101/2020.12.04.408260. Accepted by Nature Communications.

Affected Gene: WBGene00019779(endu-2)

Genomic Alteration: WBGene00019779(endu-2)

Catalog Number: WB-STRAIN:WBStrain00054670

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:37443152](#)

Organism Name: endu-2(tm4977) X; byEx1551.

Record Creation Time: 20240716T202603+0000

Record Last Update: 20260808T171919+0000

Ratings and Alerts

No rating or validation information has been found for endu-2(tm4977) X; byEx1551..

No alerts have been found for endu-2(tm4977) X; byEx1551..

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.