

# Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

[mrpl-34\(ve585\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/hT2 \[umnIs73\] I; +/-hT2 \[bli-4\(e937\) let-?\(h661\)\] III.](#)

RRID:WB-STRAIN:WBStrain00049329

Type: Organism

## Proper Citation

RRID:WB-STRAIN:WBStrain00049329

## Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00049329>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00049329

**Description:** Caenorhabditis elegans with name mrpl-34(ve585[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hT2 [umnIs73] I; +/-hT2 [bli-4(e937) let-?(h661)] III. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** mrpl-34(ve585[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hT2 [umnIs73] I; +/-hT2 [bli-4(e937) let-?(h661)] III.

**Notes:** Made\_by: RG KO Group| "umnIs73 [myo-2p::mKate2 + NeoR, III: 9421936 (intergenic)] I. Homozygous larval arrest. Deletion of 616 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Heterozygotes are wild-type GFP+ mKate2+, and segregate wild-type GFP+ mKate2+, GFP+ non-mKate2 arrested larvae (ve585 homozygotes), non-GFP mKate2+ arrested animals (arrest stage unknown)(hT2 homozygotes) and dead eggs (aneuploids). Pick wild-type GFP+ mKate2+ and check for correct segregation of progeny to maintain. [NOTE: Apparently the lethal mutation is closely linked but not within the balanced region of hT2. It can occasionally recombine away so that the strain will segregate Bli-4 hT2 homozygotes. (Mark Edgley)] Left flanking Sequence: ttatcaaactctcatttttagATGCCATCG ; Right flanking sequence: GTCGGCGACGGAATATATTCTTCAAAATCC. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

**Affected Gene:** WBGene00000254(bli-4)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00007712(mrpl-34)

**Genomic Alteration:** WBGene00000254(bli-4), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00007712(mrpl-34)

**Catalog Number:** WB-STRAIN:WBStrain00049329

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** mrpl-34(ve585[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hT2 [umnIs73] I; +/-hT2 [bli-4(e937) let-?(h661)] III.

**Record Creation Time:** 20230227T013832+0000

**Record Last Update:** 20260801T172305+0000

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## Ratings and Alerts

No rating or validation information has been found for mrpl-34(ve585[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hT2 [umnIs73] I; +/-hT2 [bli-4(e937) let-?(h661)] III..

No alerts have been found for mrpl-34(ve585[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hT2 [umnIs73] I; +/-hT2 [bli-4(e937) let-?(h661)] III..

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## Data and Source Information

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

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.