

# Resource Summary Report

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

## C15H9.4(ve808[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30 [ubc-17(tmIs1243)] X.

RRID:WB-STRAIN:WBStrain00055456

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00055456

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00055456>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00055456

**Description:** Caenorhabditis elegans with name C15H9.4(ve808[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30 [ubc-17(tmIs1243)] X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** C15H9.4(ve808[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30 [ubc-17(tmIs1243)] X.

**Notes:** Made\_by: RG KO Group|tmIs1243 [myo-2p::mCherry, X: ubc-17] X. Homozygous animals may be sensitive to starvation (grootty, low brood size). Deletion of 1634 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+ mCherry+, and segregate wild-type GFP+ mCherry+, wild-type GFP+ non-mCherry (ve808 homozygotes), and Lon Mec non-GFP mCherry+ (tmC30 homozygotes). Maintain by picking wild-type GFP+ mCherry+. Left flanking Sequence: TACTATATTCTGTTATTCCAAAATGCGTTT ; Right flanking sequence: ATAATGTGAACAGCACGCAAAACGGAACAA. sgRNA #1: GTTCCAGATGACAACAGACT; sgRNA #2: TGTCAAATCAGCTTTTTCGG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

**Affected Gene:** WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006712(ubc-17)|WBGene00006789(unc-54)

**Genomic Alteration:** WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006712(ubc-17), WBGene00006789(unc-54)

**Catalog Number:** WB-STRAIN:WBStrain00055456

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** C15H9.4(ve808[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30 [ubc-17(tmIs1243)] X.

**Record Creation Time:** 20240716T202610+0000

**Record Last Update:** 20260815T163845+0000

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## Ratings and Alerts

No rating or validation information has been found for C15H9.4(ve808[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30 [ubc-17(tmIs1243)] X..

No alerts have been found for C15H9.4(ve808[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30 [ubc-17(tmIs1243)] X..

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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.