

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 (grotty, 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

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..

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.