

Resource Summary Report

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M03F4.6(ve548[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30[ubc-17(tmIs1243)] X.

RRID:WB-STRAIN:WBStrain00047454

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047454

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047454>

Proper Citation: RRID:WB-STRAIN:WBStrain00047454

Description: Caenorhabditis elegans with name M03F4.6(ve548[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: M03F4.6(ve548[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 lethal. Deletion of 2153 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+, arrested GFP+ non-mCherry (ve548 homozygotes), and Lon Mec non-GFP mCherry+ (tmC30 homozygotes). Maintain by picking wild-type GFP+ mCherry+. Left flanking Sequence: TTTGACTTGTTTGTACCCGCATCTACATTG ; Right flanking sequence: ATCGGGAGTTTCTGCACACTGAGTTCATTG. 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:WBStrain00047454

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: M03F4.6(ve548[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC30[ubc-17(tmIs1243)] X..

Record Creation Time: 20230227T013818+0000

Record Last Update: 20260815T163622+0000

Ratings and Alerts

No rating or validation information has been found for M03F4.6(ve548[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 M03F4.6(ve548[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.