

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 16, 2026

T20D3.5(ve652[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV.

RRID:WB-STRAIN:WBStrain00049391

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049391

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049391>

Proper Citation: RRID:WB-STRAIN:WBStrain00049391

Description: Caenorhabditis elegans with name T20D3.5(ve652[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV. from WB.

Species: Caenorhabditis elegans

Synonyms: T20D3.5(ve652[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV.

Notes: Homozygous sterile. Deletion of 1274 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+, and segregate wild-type GFP+, GFP+ sterile adults(ve652 homozygotes) and Mec Unc animals (tmC5 homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: gatgcaattcaacaaatcaaattggaaggc ; Right flanking sequence: aactcaccggacgtataagtctaacttgat. sgRNA #1: caaatcaaattggaaggcgt; sgRNA #2: tatacgtccggtgagttcaa. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made_by: RG KO Group"

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

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

Catalog Number: WB-STRAIN:WBStrain00049391

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:39572679](#)

Organism Name: T20D3.5(ve652[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV.

Record Creation Time: 20230227T013832+0000

Record Last Update: 20260815T163658+0000

Ratings and Alerts

No rating or validation information has been found for T20D3.5(ve652[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV..

No alerts have been found for T20D3.5(ve652[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV..

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.