

Resource Summary Report

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twk-47(hd7097[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I.

RRID:WB-STRAIN:WBStrain00063290

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063290

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063290>

Proper Citation: RRID:WB-STRAIN:WBStrain00063290

Description: Caenorhabditis elegans with name twk-47(hd7097[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: twk-47(hd7097[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I.

Notes: Homozygous viable. Deletion of 2010 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: ACACGGAAACCATACGTTGAAGCCTTTCCA; Right flanking sequence: TGGCAAAGCATCATCACTTATTCCAGAAAT. sgRNA #1: GAAGATGTTGCTTCACTTGG; sgRNA #2: CTTCTTTTAGTCCATCTTGG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made_by: VH KO group"

Affected Gene: WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00018002(twk-47)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00018002(twk-47)

Catalog Number: WB-STRAIN:WBStrain00063290

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: twk-47(hd7097[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I.

Record Creation Time: 20250827T213356+0000

Record Last Update: 20260815T164104+0000

Ratings and Alerts

No rating or validation information has been found for twk-47(hd7097[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I..

No alerts have been found for twk-47(hd7097[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I..

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.