

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[mpz-5\(hd7014\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\) IV.](#)

RRID:WB-STRAIN:WBStrain00055622

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055622

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055622>

Proper Citation: RRID:WB-STRAIN:WBStrain00055622

Description: Caenorhabditis elegans with name mpz-5(hd7014[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: mpz-5(hd7014[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV.

Notes: Homozygous viable. Deletion of 1364 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: AAATAAGAAAGTTTTTTTTTAAATTTTAA; Right flanking sequence: ATGCCCCGTTGCCATGCCGTTGTTCCGATAG. sgRNA #1: AAAGCTGTCTCACAAAGTAA; sgRNA #2: GAGGAGGAAAGGAATTAGGG. 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)|WBGene00011241(mpz-5)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00011241(mpz-5)

Catalog Number: WB-STRAIN:WBStrain00055622

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mpz-5(hd7014[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV.

Record Creation Time: 20240716T202612+0000

Record Last Update: 20260905T115811+0000

Ratings and Alerts

No rating or validation information has been found for mpz-5(hd7014[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) IV..

No alerts have been found for mpz-5(hd7014[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) 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.