

Resource Summary Report

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[mrps-25 \(hd7151 \[loxP + myo-2p::GFP::unc-54 3 UTR + rps-2 7p::neoR::unc-54 3 UTR + loxP\]\)/tmC25 \[unc-5\(tm9708\)\] IV.](#)

RRID:WB-STRAIN:WBStrain00063328

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063328

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063328>

Proper Citation: RRID:WB-STRAIN:WBStrain00063328

Description: Caenorhabditis elegans with name mrps-25 (hd7151 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-2 7p::neoR::unc-54 3 UTR + loxP])/tmC25 [unc-5(tm9708)] IV. from WB.

Species: Caenorhabditis elegans

Synonyms: mrps-25 (hd7151 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-2 7p::neoR::unc-54 3 UTR + loxP])/tmC25 [unc-5(tm9708)] IV.

Notes: Apparent homozygous lethal or sterile deletion balanced with tmC25. Maintain by picking wild-type GFP+. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+ and Unc animals (tmC25 [unc-5(tm9708)] homozygotes). Derived from parental strains VH7151 and FX30257. hd7151 is a deletion of 435 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence:

ATGCCGATAAAGTTGTGACGCCCTTTGCCA; Right flanking sequence:

TGTCGATCTTCCTTGTTTTTTGTTGAAAAA. sgRNA #1: AAACCTTACTCAGATATGCTC; sgRNA #2: CAAAAACTAGCTAGAAATAG. 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)|WBGene00004471(rps-2)|WBGene00006745(unc-5)|WBGene00006789(unc-54)|WBGene00021920(mrps-25)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004471(rps-2), WBGene00006745(unc-5), WBGene00006789(unc-54), WBGene00021920(mrps-25)

Catalog Number: WB-STRAIN:WBStrain00063328

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mrps-25 (hd7151 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-2 7p::neoR::unc-54 3 UTR + loxP])/tmC25 [unc-5(tm9708)] IV.

Record Creation Time: 20250827T213357+0000

Record Last Update: 20260815T164105+0000

Ratings and Alerts

No rating or validation information has been found for mrps-25 (hd7151 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-2 7p::neoR::unc-54 3 UTR + loxP])/tmC25 [unc-5(tm9708)] IV..

No alerts have been found for mrps-25 (hd7151 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-2 7p::neoR::unc-54 3 UTR + loxP])/tmC25 [unc-5(tm9708)] 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.