

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

[rnp-6\(ve790\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/tmC20 \[dpy-5\(tm9709\)\] I.](#)

RRID:WB-STRAIN:WBStrain00055439

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055439

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055439>

Proper Citation: RRID:WB-STRAIN:WBStrain00055439

Description: Caenorhabditis elegans with name rnp-6(ve790[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC20 [dpy-5(tm9709)] I. from WB.

Species: Caenorhabditis elegans

Synonyms: rnp-6(ve790[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC20 [dpy-5(tm9709)] I.

Notes: Early larval arrest. Deletion of 7256 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain KR16. unc-11 dpy-5 homozygotes no longer carrying the duplication were outcrossed 5 times to N2 to remove dpy-5; however, unc-11 may still be in the background. rnp-6 deletion was balanced over tmC20 [dpy-5(tm9709)] by crossing with strain FX30235. Balanced heterozygotes are semi-Dpy GFP+, and segregate semi-Dpy GFP+, early larval lethal GFP+ (ve790 homozygotes), and non-GFP dpy-5 animals (tmC20 homozygotes). Maintain by picking semi-dpy GFP+. Left flanking Sequence: attaaaaacatggaggaattcgagaataca ; Right flanking sequence: GCCTGTTTTCGATGTCTGCCGAGTTTTCTT. sgRNA #4: TGGAAATACTGTCAAAGCGG; sgRNA #2: AGACATCGAAAACAGGCCGG. 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: WBGene00001067(dpy-5)|WBGene00003514(myo-2)|WBGene00004389(rnp-6)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001067(dpy-5), WBGene00003514(myo-2), WBGene00004389(rnp-6), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00055439

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rnp-6(ve790[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC20 [dpy-5(tm9709)] I..

Record Creation Time: 20240716T202610+0000

Record Last Update: 20260815T163845+0000

Ratings and Alerts

No rating or validation information has been found for rnp-6(ve790[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC20 [dpy-5(tm9709)] I..

No alerts have been found for rnp-6(ve790[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC20 [dpy-5(tm9709)] 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.