

Resource Summary Report

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[rnp-7\(ve940\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/qC1 \[dpy-19\(e1259\) glp-1\(q339\) qIs26\] III.](#)

RRID:WB-STRAIN:WBStrain00063040

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063040

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063040>

Proper Citation: RRID:WB-STRAIN:WBStrain00063040

Description: Caenorhabditis elegans with name rnp-7(ve940[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/qC1 [dpy-19(e1259) glp-1(q339) qIs26] III. from WB.

Species: Caenorhabditis elegans

Synonyms: rnp-7(ve940[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/qC1 [dpy-19(e1259) glp-1(q339) qIs26] III.

Notes: Made_by: RG KO Group|qIs26 [lag-2::GFP + rol-6(su1006)] III. Maintain by picking GFP+ Rollers (GFP expression in both pharynx and distal tip cells). Heterozygotes are Rol GFP+ (GFP expression in both pharynx and distal tip cells), and segregate Rol GFP+ (GFP expression in both pharynx and distal tip cells), non-Rol GFP+ (GFP only in pharynx) ve940 homozygotes (Unc, arrest as larvae with a curled tail). qC1[qIs26] is homozygous lethal (unknown stage). Deletion of 1847 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence:

CCGCTTCGATATCCACCACCGGATCCTCCA; Right flanking sequence:

TGGAAGATATTGCACTGGTGGTCGTGCTTC. rnp-7 sgRNA A:

GGAAGCCGATACAGTACAGG; rnp-7 sgRNA B: ACTAGTAGGTCCTGGCATGG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00001078(dpy-19)|WBGene00001609(glp-1)|WBGene00003514(myo-2)|WBGene00004390(rnp-7)|WBGene00004496(rps-

27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001078(dpy-19), WBGene00001609(glp-1), WBGene00003514(myo-2), WBGene00004390(rnp-7), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00063040

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rnp-7(ve940[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/qC1 [dpy-19(e1259) glp-1(q339) qIs26] III.

Record Creation Time: 20250827T213352+0000

Record Last Update: 20260829T163113+0000

Ratings and Alerts

No rating or validation information has been found for rnp-7(ve940[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/qC1 [dpy-19(e1259) glp-1(q339) qIs26] III..

No alerts have been found for rnp-7(ve940[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/qC1 [dpy-19(e1259) glp-1(q339) qIs26] III..

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.