

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[rpl-10\(gk5261\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/mIn1\[dpy-10\(e128\)\] II.](#)

RRID:WB-STRAIN:WBStrain00047649

Type: Organism

## Proper Citation

RRID:WB-STRAIN:WBStrain00047649

## Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00047649>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00047649

**Description:** Caenorhabditis elegans with name rpl-10(gk5261[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/mIn1[dpy-10(e128)] II. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** rpl-10(gk5261[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/mIn1[dpy-10(e128)] II.

**Notes:** Homozygous lethal or sterile deletion balanced by mIn1. Deletion of 772 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain; homozygous mIn1 is non-GFP fertile Dpy-10. Left flanking sequence: TTCTCTTCTATATATATATATTCTCCGTTT; Right flanking sequence: TAATTTGGTATCCACTGTATTTGTTGAAAG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made\_by: Vancouver KO Group"

**Affected Gene:** WBGene00001072(dpy-10)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

**Genomic Alteration:** WBGene00001072(dpy-10), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

**Catalog Number:** WB-STRAIN:WBStrain00047649

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** rpl-10(gk5261[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/mIn1[dpy-10(e128)] II.

**Record Creation Time:** 20230227T013819+0000

**Record Last Update:** 20260725T172639+0000

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## Ratings and Alerts

No rating or validation information has been found for rpl-10(gk5261[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/mIn1[dpy-10(e128)] II..

No alerts have been found for rpl-10(gk5261[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/mIn1[dpy-10(e128)] II..

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.