

# Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

[pfd-2\(ve757\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/mIn1\[dpy-10\(e128\) umnIs43\] II.](#)

RRID:WB-STRAIN:WBStrain00055411

Type: Organism

## Proper Citation

RRID:WB-STRAIN:WBStrain00055411

## Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00055411>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00055411

**Description:** Caenorhabditis elegans with name pfd-2(ve757[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mIn1[dpy-10(e128) umnIs43] II. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** pfd-2(ve757[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mIn1[dpy-10(e128) umnIs43] II.

**Notes:** Made\_by: RG KO Group|"umnIs43 [myo-2p::mKate2 + NeoR, II: 11755713 (intergenic)] II. Maternal effect embryonic lethal. Deletion of 1394 bp with Calarco/Colaiacono selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Heterozygotes are wild-type GFP+ mKate2+, and segregate wild-type GFP+ mKate2+, GFP+ non-mKate2 Adult worms which lay dead eggs (ve757 homozygotes), and Dpy non-GFP mKate2+ (mIn1 homozygotes). Maintain by picking wild-type GFP+ mKate2+ and check for correct segregation of progeny. Left flanking Sequence: aaaaaatccacaactccagATGTCGGCCG ; Right flanking sequence: TGGACAATTGCCAAAAGCTTAAatttcccc. sgRNA #1: AGTGGCGGCGGCGGTTTGAG; sgRNA #2: CTGAGAAAAGCTGAAGCTCT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

**Affected Gene:** WBGene00001072(dpy-10)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00019220(pfd-2)

**Genomic Alteration:** WBGene00001072(dpy-10), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00019220(pfd-2)

**Catalog Number:** WB-STRAIN:WBStrain00055411

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** pfd-2(ve757[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mln1[dpy-10(e128) umnIs43] II.

**Record Creation Time:** 20240716T202610+0000

**Record Last Update:** 20260815T163844+0000

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## Ratings and Alerts

No rating or validation information has been found for pfd-2(ve757[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mln1[dpy-10(e128) umnIs43] II..

No alerts have been found for pfd-2(ve757[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mln1[dpy-10(e128) umnIs43] 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.