

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

**[dad-1\(ve587\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/hT1 \[umnIs58\] I; + /hT1 \[unc-42\(e270\)\] V.](#)**

RRID:WB-STRAIN:WBStrain00049330

Type: Organism

## Proper Citation

RRID:WB-STRAIN:WBStrain00049330

## Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00049330>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00049330

**Description:** Caenorhabditis elegans with name dad-1(ve587[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1 [umnIs58] I; + /hT1 [unc-42(e270)] V. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** dad-1(ve587[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1 [umnIs58] I; + /hT1 [unc-42(e270)] V.

**Notes:** Made\_by: RG KO Group|"umnIs58 [myo-2p::mKate2 + NeoR, V: 1005689 (intergenic)] V. Homozygous larval arrest. Deletion of 699 bp with Calarco/Colaiacovo 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 arrested larvae (ve587 homozygotes), non-GFP mKate2+ arrested larvae (hT1 homozygotes), and dead eggs. Maintain by picking wild-type GFP+ mKate2+. Left flanking Sequence: gtgtaacacagcaagagaaacgaaacccca ; Right flanking sequence: TTTGGTAGTCATCGAACAGTTTCGAGAGAA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

**Affected Gene:** WBGene00000896(dad-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006778(unc-42)|WBGene00006789(unc-54)

**Genomic Alteration:** WBGene00000896(dad-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006778(unc-42), WBGene00006789(unc-54)

**Catalog Number:** WB-STRAIN:WBStrain00049330

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** dad-1(ve587[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1 [umnIs58] I; + /hT1 [unc-42(e270)] V.

**Record Creation Time:** 20230227T013832+0000

**Record Last Update:** 20260725T172705+0000

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## Ratings and Alerts

No rating or validation information has been found for dad-1(ve587[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1 [umnIs58] I; + /hT1 [unc-42(e270)] V..

No alerts have been found for dad-1(ve587[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1 [umnIs58] I; + /hT1 [unc-42(e270)] V..

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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.