

# Resource Summary Report

Generated by [kravitz2](#) on Aug 15, 2026

## ard-1(ve659[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV.

RRID:WB-STRAIN:WBStrain00049398

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00049398

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00049398>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00049398

**Description:** Caenorhabditis elegans with name ard-1(ve659[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** ard-1(ve659[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV.

**Notes:** Homozygous sterile, Pvl. Deletion of 3031 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+, and segregate wild-type GFP+, GFP+ Sterile Pvl (ve659 homozygotes) and Mec Unc animals (tmC5 homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: cacttatgatttaggtaaacgggaacaaAT ; Right flanking sequence: ctccttgactctgggatctatattcataa. sgRNA #1: aggtaaacgggaacaaATGT; sgRNA #2: tcccagagtacaaggagaga. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Homozygous sterile, Pvl. Deletion of 3031 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+, and segregate wild-type GFP+, GFP+ Sterile, Pvl adults (ve659 homozygotes) and Mec Unc animals (tmC5 homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: cacttatgatttaggtaaacgggaacaaAT ; Right flanking sequence: ctccttgactctgggatctatattcataa. sgRNA #1: aggtaaacgggaacaaATGT; sgRNA #2: tcccagagtacaaggagaga. 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:** WBGene00000181(ard-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

**Genomic Alteration:** WBGene00000181(ard-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

**Catalog Number:** WB-STRAIN:WBStrain00049398

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** ard-1(ve659[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV.

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

**Record Last Update:** 20260815T163658+0000

---

## Ratings and Alerts

No rating or validation information has been found for ard-1(ve659[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV..

No alerts have been found for ard-1(ve659[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/tmC5 IV..

---

## 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.