

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

**mir-47(umn55[lox2272 myo-2p::wormScarlet + lox511l
sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l.**

RRID:WB-STRAIN:WBStrain00051621

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051621

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051621>

Proper Citation: RRID:WB-STRAIN:WBStrain00051621

Description: Caenorhabditis elegans with name mir-47(umn55[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l. from WB.

Species: Caenorhabditis elegans

Synonyms: mir-47(umn55[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l.

Notes: mir-47 pre-miRNA deletion allele in which mir-47 pre-miRNA was replaced by myo-2p::wormScarlet. Rollers. Generated in parental strain N2. [NOTE: Low levels of Cre activity can lead to excision of the SEC, causing the strain to lose the Roll phenotype. Pick Rollers to retain full transgene cassette.]

Affected Gene: WBGene00003275(mir-47)|WBGene00003514(myo-2)|WBGene00005016(sqt-1)

Genomic Alteration: WBGene00003275(mir-47), WBGene00003514(myo-2), WBGene00005016(sqt-1)

Catalog Number: WB-STRAIN:WBStrain00051621

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mir-47(umn55[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l.

Record Creation Time: 20230227T013848+0000

Record Last Update: 20260912T182053+0000

Ratings and Alerts

No rating or validation information has been found for mir-47(umn55[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l..

No alerts have been found for mir-47(umn55[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l..

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.