

# Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[mir-1818\(umn54\[lox2272 myo-2p::wormScarlet + lox511I sqt-1\(d\) hsp::CRE HygR LoX511I + Lox2272\]\)I.](#)

RRID:WB-STRAIN:WBStrain00051620

Type: Organism

## Proper Citation

RRID:WB-STRAIN:WBStrain00051620

## Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00051620>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00051620

**Description:** Caenorhabditis elegans with name mir-1818(umn54[lox2272 myo-2p::wormScarlet + lox511I sqt-1(d) hsp::CRE HygR LoX511I + Lox2272])I. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** mir-1818(umn54[lox2272 myo-2p::wormScarlet + lox511I sqt-1(d) hsp::CRE HygR LoX511I + Lox2272])I.

**Notes:** mir-1818 pre-miRNA deletion allele in which mir-1818 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:** WBGene00003514(myo-2)|WBGene00005016(sqt-1)|WBGene00077715(mir-1818)

**Genomic Alteration:** WBGene00003514(myo-2), WBGene00005016(sqt-1), WBGene00077715(mir-1818)

**Catalog Number:** WB-STRAIN:WBStrain00051620

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** mir-1818(umn54[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l.

**Record Creation Time:** 20230227T013848+0000

**Record Last Update:** 20260905T115712+0000

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## Ratings and Alerts

No rating or validation information has been found for mir-1818(umn54[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l..

No alerts have been found for mir-1818(umn54[lox2272 myo-2p::wormScarlet + lox511l sqt-1(d) hsp::CRE HygR LoX511l + Lox2272])l..

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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.