

# Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

## mirSi16 II; unc-119(ed3) III.

RRID:WB-STRAIN:WBStrain00062759

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00062759

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00062759>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00062759

**Description:** Caenorhabditis elegans with name mirSi16 II; unc-119(ed3) III. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** mirSi16 II; unc-119(ed3) III.

**Notes:** mirSi16 [flp-18p::lox2272::BFP::tbb-2 3'UTR::lox2272::Chr2-HRDC::SL2::jRGECO1a::unc-54 3'UTR + Cbr-unc-119(+)] II. Blue fluorescence in flp-18 expressing neurons. Combine with CRE driven by a promoter co-expressed in flp-18 expressing cells to switch from blue expression to Chr2-HRDC and jRGECO1a expression. Reference: Porta-de-la-Riva M, et al. Nat Methods. 2023 May;20(5):761-769. doi: 10.1038/s41592-023-01836-9. PMID: 37024651.

**Affected Gene:** WBGene00006843(unc-119)

**Genomic Alteration:** WBGene00006843(unc-119)

**Catalog Number:** WB-STRAIN:WBStrain00062759

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** mirSi16 II; unc-119(ed3) III.

**Record Creation Time:** 20250827T213348+0000

**Record Last Update:** 20260905T115945+0000

---

## Ratings and Alerts

No rating or validation information has been found for mirSi16 II; unc-119(ed3) III..

No alerts have been found for mirSi16 II; unc-119(ed3) III..

---

## 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.