

Resource Summary Report

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mirSi16 II; mirIs76; mirEx69.

RRID:WB-STRAIN:WBStrain00062765

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062765

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062765>

Proper Citation: RRID:WB-STRAIN:WBStrain00062765

Description: Caenorhabditis elegans with name mirSi16 II; mirIs76; mirEx69. from WB.

Species: Caenorhabditis elegans

Synonyms: mirSi16 II; mirIs76; mirEx69.

Notes: mirSi16 [flp-18p::lox2272::BFP::tbb-2 3'UTR::lox2272::ChR2-HRDC::SL2::jRGECO1a::unc-54 3'UTR + Cbr-unc-119(+)] II. mirIs76 [sra-6p::ChRmine::wrmScarlet::let-858 3UTR + sra-6p::TeNL]. mirEx69 [gpa:14p::CRE + unc-122p::mCherry]. Maintain by picking animals with mCherry+ coelomycetes. Blue in flp-18 expressing neurons. Expression of ChRmine, wrmScarlet and calcium sensitive (Kd 250 nM) teal nanolanthan (TeNL) in ASH and PVQ. Expression of ChR2-HRDC and jRGECO1a expression in AVA (instead of BFP). 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.

Catalog Number: WB-STRAIN:WBStrain00062765

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mirSi16 II; mirIs76; mirEx69.

Record Creation Time: 20250827T213348+0000

Record Last Update: 20260905T115945+0000

Ratings and Alerts

No rating or validation information has been found for mirSi16 II; mirIs76; mirEx69..

No alerts have been found for mirSi16 II; mirIs76; mirEx69..

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.