

Resource Summary Report

Generated by [kravitz2](#) on Sep 22, 2026

juSi164 unc-119(ed3) III; wtfEx296.

RRID:WB-STRAIN:WBStrain00062211

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062211

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062211>

Proper Citation: RRID:WB-STRAIN:WBStrain00062211

Description: Caenorhabditis elegans with name juSi164 unc-119(ed3) III; wtfEx296. from WB.

Species: Caenorhabditis elegans

Synonyms: juSi164 unc-119(ed3) III; wtfEx296.

Notes: juSi164 [mex-5p::HIS-72::miniSOG + Cbr-unc-119(+)] III. wtfEx296 [rab-3p::Al::gur-3G::unc-54 3'UTR + rab-3p::Al::prdx-2G::SL2::his-24::tagRFP::unc-54 3'UTR + rab-3p::his-24::GCaMP6s::unc-54 3'UTR]. Pick RFP+ to maintain. Keep plates covered to avoid unnecessary exposure to light. Worms expressing a purple light-sensitive optogenetic protein system: pan-neuronal expression of GUR-3 and PRDX-2 with nuclear-localized tagRFP and GCaMP6s. Reporter construct contains an artificial intron (AI). Reference: Sharma AK, et al. Genetics 2024 May 11:iyae077. doi: 10.1093/genetics/iyae077 PMID: 38733622.

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00062211

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: juSi164 unc-119(ed3) III; wtfEx296.

Record Creation Time: 20250827T213339+0000

Record Last Update: 20260919T181428+0000

Ratings and Alerts

No rating or validation information has been found for juSi164 unc-119(ed3) III; wtfEx296..

No alerts have been found for juSi164 unc-119(ed3) III; wtfEx296..

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.