

Resource Summary Report

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juSi164 unc-119(ed3) III; wtfls335.

RRID:WB-STRAIN:WBStrain00062213

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062213

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062213>

Proper Citation: RRID:WB-STRAIN:WBStrain00062213

Description: Caenorhabditis elegans with name juSi164 unc-119(ed3) III; wtfls335. from WB.

Species: Caenorhabditis elegans

Synonyms: juSi164 unc-119(ed3) III; wtfls335.

Notes: juSi164 [mex-5p::HIS-72::miniSOG + Cbr-unc-119(+)] III. wtfls335 [5xQUAS+(delta)pes-10p::AI::eTsChR::unc-54 3'UTR + rab-3p::AI::QF+hGR::SL2::tagBFP::unc-54 3'UTR + rab-3p::his-24::tagRFP::unc-54 3'UTR + rab-3p::his-24::GCaMP6s::unc-54 3'UTR]. Keep plates covered to avoid unnecessary exposure to light. Pan-neuronal eTsChR on activation using dex treatment via QF+hGR. Worms also express calcium sensing fluorescence protein- GCaMP6s in nuclei of each neurons. 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:WBStrain00062213

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: juSi164 unc-119(ed3) III; wtfls335.

Record Creation Time: 20250827T213339+0000

Record Last Update: 20260815T164047+0000

Ratings and Alerts

No rating or validation information has been found for juSi164 unc-119(ed3) III; wtfls335..

No alerts have been found for juSi164 unc-119(ed3) III; wtfls335..

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.