

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.org) on May 4, 2025

otIs669 V.

RRID:WB-STRAIN:WBStrain00047397

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047397

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047397>

Proper Citation: RRID:WB-STRAIN:WBStrain00047397

Description: Caenorhabditis elegans with name otIs669 V. from WB.

Species: Caenorhabditis elegans

Synonyms: otIs669 V.

Notes: otIs669 [UPN::NLS::TagRFP-T + acr-5::NLS::mTagBFP2::H2B + flp-1::NLS::mTagBFP2::H2B + flp-6::NLS::mTagBFP2::H2B + flp-18::NLS::mTagBFP2::H2B + flp-19::NLS::mTagBFP2::H2B + flp-26::NLS::mTagBFP2::H2B + gcy-18::NLS::mTagBFP2::H2B + ggr-3::NLS::mTagBFP2::H2B + lim-4::NLS::mTagBFP2::H2B + pdf-1::NLS::mTagBFP2::H2B + srab-20::NLS::mTagBFP2::H2B + unc-25::NLS::mTagBFP2::H2B + cho-1::NLS::CyOFP1::H2B + flp-13::NLS::CyOFP1::H2B + flp-20::NLS::CyOFP1::H2B + gcy-36::NLS::CyOFP1::H2B + gpa-1::NLS::CyOFP1::H2B + nlp-12::NLS::CyOFP1::H2B + nmr-1::NLS::CyOFP1::H2B + ocr-1::NLS::CyOFP1::H2B + osm-9::NLS::CyOFP1::H2B + srh-79::NLS::CyOFP1::H2B + sri-1::NLS::CyOFP1::H2B + srsx-3::NLS::CyOFP1::H2B + unc-8::NLS::CyOFP1::H2B + acr-2::NLS::mNeptune2.5 + ceh-2::NLS::mNeptune2.5 + dat-1::NLS::mNeptune2.5 + dhc-3::NLS::mNeptune2.5 + eat-4::NLS::mNeptune2.5 + flp-3::NLS::mNeptune2.5 + gcy-35::NLS::mNeptune2.5 + glr-1::NLS::mNeptune2.5 + gcy-21::NLS::CyOFP1::H2B::T2A::NLS::mTagBFP2::H2B + klp-6::NLS::mNeptune2.5::T2A::NLS::CyOFP1::H2B + lim-6::NLS::mNeptune2.5::T2A::NLS::CyOFP1::H2B + mbr-1::NLS::mNeptune2.5::T2A::NLS::mTagBFP2::H2B + mec-3::NLS::CyOFP1::H2B::T2A::NLS::mTagBFP2::H2B + odr-1::NLS::mNeptune2.5::T2A::NLS::mTagBFP2::H2B + srab-20::NLS::mNeptune2.5::T2A::NLS::mTagBFP2::H2B] V. UPN (Ultra Pan-Neuronal) promoter

contains four short pan-neuronal promoters fused together (unc-11::rgef-1::ehs-1::ric-19). NeuroPAL (Neuronal Polychromatic Atlas of Landmarks) transgene used to resolve unique neural identities in whole-brain images. Reference: Yemini E, et al. Cell. 2021 Jan 7;184(1):272-288.e11. PMID: 33378642 Free pre-print available at <https://www.biorxiv.org/content/10.1101/2021.01.07.418418v1> Supplementary_genotype NeuroPAL otEx7057"

Affected Gene: EMPTY

Genomic Alteration: EMPTY

Catalog Number: WB-STRAIN:WBStrain00047397

Database: WormBase (WB)

Database Abbreviation: WB

Availability: live

Source References:

WBPaper00060815(PMID:33378642)WBPaper00064696(PMID:36413500)WBPaper00064878(PMID:36413500)

Organism Name: otIs669 V.

Record Creation Time: 20230227T013817+0000

Record Last Update: 20250419T235037+0000

Ratings and Alerts

No rating or validation information has been found for otIs669 V..

No alerts have been found for otIs669 V..

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.