

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pSEM416 - mosTI unc-119 P_UPN - gfp(nls) - tbb-2

RRID:Addgene_182359

Type: Plasmid

Proper Citation

RRID:Addgene_182359

Plasmid Information

URL: <http://www.addgene.org/182359>

Proper Citation: RRID:Addgene_182359

Insert Name: Ultra-pan-neuronal positive control pUNP::gfp(NLS)

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35900171](#)

Vector Backbone Description: Backbone Marker:Twist Biosciences; Vector Backbone:pTwist-Amp-high-copy; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: www.wormbuilder.org MODular Safe harbor Transgene Insertion (mosTI). Positive control vector: P_UPN::gfp(NLS)::tbb-2 UTR Will give unc-119 rescue and neuronal nuclear GFP expression after insertion into any unc-119 mosTI sites. See Yemini et al. 2021 Cell for development and characterization of the ultra-pan-neuronal promoter. Please visit <https://www.biorxiv.org/content/10.1101/2022.04.19.488726v1.full> for bioRxiv preprint.

Plasmid Name: pSEM416 - mosTI unc-119 P_UPN - gfp(nls) - tbb-2

Record Creation Time: 20220602T080202+0000

Record Last Update: 20260815T082303+0000

Ratings and Alerts

No rating or validation information has been found for pSEM416 - mosTI unc-119 P_UPN - gfp(nls) - tbb-2.

No alerts have been found for pSEM416 - mosTI unc-119 P_UPN - gfp(nls) - tbb-2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.