

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

3xnls-cpmTq2-Calcium-lifetime-sensor

RRID:Addgene_129626

Type: Plasmid

Proper Citation

RRID:Addgene_129626

Plasmid Information

URL: <http://www.addgene.org/129626>

Proper Citation: RRID:Addgene_129626

Insert Name: 3xnls-cpmTq2-Calcium-lifetime-sensor

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34887382](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Read the preprint at bioRxiv: doi.org/10.1101/2021.06.21.449214

Plasmid Name: 3xnls-cpmTq2-Calcium-lifetime-sensor

Record Creation Time: 20220422T221720+0000

Record Last Update: 20260725T073801+0000

Ratings and Alerts

No rating or validation information has been found for 3xnls-cpmTq2-Calcium-lifetime-sensor.

No alerts have been found for 3xnls-cpmTq2-Calcium-lifetime-sensor.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

van der Linden FH, et al. (2021) A turquoise fluorescence lifetime-based biosensor for quantitative imaging of intracellular calcium. Nature communications, 12(1), 7159.