

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 5, 2026

## 3xnls-cpmTq2-Calcium-lifetime-sensor

RRID:Addgene\_129626

Type: Plasmid

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### Proper Citation

RRID:Addgene\_129626

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### 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](https://doi.org/10.1101/2021.06.21.449214)

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

**Record Creation Time:** 20220422T221720+0000

**Record Last Update:** 20260905T074717+0000

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### 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.

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### 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 [nidm-terms](#) .

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