

# Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

## Nano-lantern-plasma membrane/pcDNA3

RRID:Addgene\_51975

Type: Plasmid

### Proper Citation

RRID:Addgene\_51975

### Plasmid Information

**URL:** <http://www.addgene.org/51975>

**Proper Citation:** RRID:Addgene\_51975

**Insert Name:** Nano-lantern

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:23232392](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** GenBank accession number: JN859492 The minor discrepancies between the QC and depositor sequence have no functional consequence and Addgene's QC sequence should be used for comparison. Please note the upstream KpnI site shown on the depositor's map is not present in this plasmid.

**Plasmid Name:** Nano-lantern-plasma membrane/pcDNA3

**Relevant Mutation:** S257G in Rluc8

**Record Creation Time:** 20220422T222305+0000

**Record Last Update:** 20260815T081619+0000

### Ratings and Alerts

No rating or validation information has been found for Nano-lantern-plasma membrane/pcDNA3.

No alerts have been found for Nano-lantern-plasma membrane/pcDNA3.

---

## Data and Source Information

**Source:** [Addgene](#)

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.