

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.