

Resource Summary Report

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

Nano-lantern(Ca²⁺)_300/pcDNA3

RRID:Addgene_51983

Type: Plasmid

Proper Citation

RRID:Addgene_51983

Plasmid Information

URL: <http://www.addgene.org/51983>

Proper Citation: RRID:Addgene_51983

Insert Name: Nano-lantern_CaM_E104Q-3GS

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: JN859497 The minor discrepancies between the QC and depositor sequence have no functional consequence.

Plasmid Name: Nano-lantern(Ca²⁺)_300/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(Ca²⁺)_300/pcDNA3.

No alerts have been found for Nano-lantern(Ca²⁺)_300/pcDNA3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.