

Resource Summary Report

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

Nano-lantern-H2B/pcDNA3

RRID:Addgene_51971

Type: Plasmid

Proper Citation

RRID:Addgene_51971

Plasmid Information

URL: <http://www.addgene.org/51971>

Proper Citation: RRID:Addgene_51971

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.

Plasmid Name: Nano-lantern-H2B/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-H2B/pcDNA3.

No alerts have been found for Nano-lantern-H2B/pcDNA3.

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 [RRID](#) .

Riani YD, et al. (2018) Green monomeric photosensitizing fluorescent protein for photo-inducible protein inactivation and cell ablation. BMC biology, 16(1), 50.