

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

pm-iATPSnFR1.1

RRID:Addgene_102549

Type: Plasmid

Proper Citation

RRID:Addgene_102549

Plasmid Information

URL: <http://www.addgene.org/102549>

Proper Citation: RRID:Addgene_102549

Insert Name: iATPSnFR1.1

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30755613](#)

Vector Backbone Description: Vector Backbone:pdisplay; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pm-iATPSnFR1.1

Record Creation Time: 20220422T221456+0000

Record Last Update: 20260919T090406+0000

Ratings and Alerts

No rating or validation information has been found for pm-iATPSnFR1.1.

No alerts have been found for pm-iATPSnFR1.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Arai S, et al. (2025) qMaLioffG: a genetically encoded green fluorescence lifetime-based indicator enabling quantitative imaging of intracellular ATP. Nature communications, 16(1), 9972.

Abdel Wadood N, et al. (2025) Tracheal tuft cells release ATP and link innate to adaptive immunity in pneumonia. Nature communications, 16(1), 584.

Lv B, et al. (2021) Sulphenylation of CypD at Cysteine 104: A Novel Mechanism by Which SO₂ Inhibits Cardiomyocyte Apoptosis. Frontiers in cell and developmental biology, 9, 784799.

Zhang S, et al. (2020) A general strategy to red-shift green fluorescent protein-based biosensors. Nature chemical biology, 16(12), 1434.