

Resource Summary Report

Generated by [RRID](#) on Aug 21, 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: 20260815T080024+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 [RRID](#) .

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.