

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

pm-iATPSnFR1.0

RRID:Addgene_102548

Type: Plasmid

Proper Citation

RRID:Addgene_102548

Plasmid Information

URL: <http://www.addgene.org/102548>

Proper Citation: RRID:Addgene_102548

Insert Name: iATPSnFR1.0

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30755613](#)

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

Plasmid Name: pm-iATPSnFR1.0

Record Creation Time: 20220422T221456+0000

Record Last Update: 20260919T090406+0000

Ratings and Alerts

No rating or validation information has been found for pm-iATPSnFR1.0.

No alerts have been found for pm-iATPSnFR1.0.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 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.

Han R, et al. (2024) Remote ischemic preconditioning prevents high-altitude cerebral edema by enhancing glucose metabolic reprogramming. CNS neuroscience & therapeutics, 30(9), e70026.

Wu Z, et al. (2022) A sensitive GRAB sensor for detecting extracellular ATP in vitro and in vivo. Neuron, 110(5), 770.