

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 19, 2026

pPBbsr2-4031NES

RRID:Addgene_105241

Type: Plasmid

Proper Citation

RRID:Addgene_105241

Plasmid Information

URL: <http://www.addgene.org/105241>

Proper Citation: RRID:Addgene_105241

Insert Name: AMPK-EV

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29186696](#)

Vector Backbone Description: Backbone Size:6800; Vector Backbone:pPB; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pPBbsr2-4031NES

Record Creation Time: 20220422T221510+0000

Record Last Update: 20260919T090428+0000

Ratings and Alerts

No rating or validation information has been found for pPBbsr2-4031NES.

No alerts have been found for pPBbsr2-4031NES.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Kanadome T, et al. (2026) Fluorescent indicators for visualizing dynamic contact between cells and between processes originating from a single cell. Cell reports methods, 6(2), 101292.

Osuga Y, et al. (2025) Taurine promotes glucagon-like peptide-1 secretion in enteroendocrine L cells. FEBS letters, 599(11), 1595.

Hees JT, et al. (2024) Insulin signalling regulates Pink1 mRNA localization via modulation of AMPK activity to support PINK1 function in neurons. Nature metabolism, 6(3), 514.

Quattrocchi M, et al. (2022) Intermittent prednisone treatment in mice promotes exercise tolerance in obesity through adiponectin. The Journal of experimental medicine, 219(5).

Yang JM, et al. (2021) Deciphering cell signaling networks with massively multiplexed biosensor barcoding. Cell, 184(25), 6193.