

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

pINIT_cat

RRID:Addgene_46858

Type: Plasmid

Proper Citation

RRID:Addgene_46858

Plasmid Information

URL: <http://www.addgene.org/46858>

Proper Citation: RRID:Addgene_46858

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:21410291](#)

Vector Backbone Description: Backbone Marker:unknown; Backbone Size:4980; Vector Backbone:pBR322; Vector Types:sequencing vector; Bacterial Resistance:Chloramphenicol

Plasmid Name: pINIT_cat

Record Creation Time: 20220422T222241+0000

Record Last Update: 20260801T081341+0000

Ratings and Alerts

No rating or validation information has been found for pINIT_cat.

No alerts have been found for pINIT_cat.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Sorgenfrei M, et al. (2025) Rapid detection and capture of clinical *Escherichia coli* strains mediated by OmpA-targeting nanobodies. *Communications biology*, 8(1), 1047.

Earp JC, et al. (2025) Structural basis of siderophore export and drug efflux by *Mycobacterium tuberculosis*. *Nature communications*, 16(1), 1934.

Frias J, et al. (2022) A ShK-like Domain from *Steinernema carpocapsae* with Bioinsecticidal Potential. *Toxins*, 14(11).

Kuhn BT, et al. (2020) Biotinylation of Membrane Proteins for Binder Selections. *Methods in molecular biology* (Clifton, N.J.), 2127, 151.

Hutter CAJ, et al. (2019) The extracellular gate shapes the energy profile of an ABC exporter. *Nature communications*, 10(1), 2260.

Marino J, et al. (2017) Efficient Screening and Optimization of Membrane Protein Production in *Escherichia coli*. *Methods in enzymology*, 594, 139.