

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

PhoCoil

RRID:Addgene_220444

Type: Plasmid

Proper Citation

RRID:Addgene_220444

Plasmid Information

URL: <http://www.addgene.org/220444>

Proper Citation: RRID:Addgene_220444

Insert Name: PhoCoil

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40864698](#)

Vector Backbone Description: Backbone Size:5368; Vector Backbone:pET21; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: PhoCoil

Record Creation Time: 20250903T060446+0000

Record Last Update: 20260912T094440+0000

Ratings and Alerts

No rating or validation information has been found for PhoCoil.

No alerts have been found for PhoCoil.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gregorio NE, et al. (2025) PhoCoil: A photodegradable and injectable single-component recombinant protein hydrogel for minimally invasive delivery and degradation. Science advances, 11(35), eadx3472.