

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pCJ190](#)

RRID:Addgene_162667

Type: Plasmid

Proper Citation

RRID:Addgene_162667

Plasmid Information

URL: <http://www.addgene.org/162667>

Proper Citation: RRID:Addgene_162667

Insert Name: MHETase (Genbank GAP38911.1) linked to PETase (Genbank GAP38373.1) from Ideonella sakaiensis by a 12 residue Gly/Ser linker

Organism: Ideonella sakaiensis 201-F6

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32989159](#)

Vector Backbone Description: Backbone Marker:EMD Biosciences; Backbone Size:5367; Vector Backbone:pET-21b(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCJ190

Relevant Mutation: codon optimized for expression in E. coli K12

Record Creation Time: 20220422T221919+0000

Record Last Update: 20260815T080904+0000

Ratings and Alerts

No rating or validation information has been found for pCJ190.

No alerts have been found for pCJ190.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kwon J, et al. (2026) Improving Yield and Thermostability of PETase as a Maltose Binding Protein Fusion in the Periplasm of Escherichia coli. International journal of molecular sciences, 27(7).

Norton-Baker B, et al. (2024) Enabling high-throughput enzyme discovery and engineering with a low-cost, robot-assisted pipeline. Scientific reports, 14(1), 14449.