

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

[pCT02](#)

RRID:Addgene_212152

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/212152>

Proper Citation: RRID:Addgene_212152

Insert Name: FAST-PETase

Organism: Ideonella sakaiensis

Bacterial Resistance: Spectinomycin

Vector Backbone Description: Vector Backbone:pMB1; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: Harnessing xylitol utilization in Escherichia coli for antibiotic-free plasmid and recombinant protein production (DOI: 10.1016/j.bej.2023.109007)

Plasmid Name: pCT02

Relevant Mutation: S121E, D186H, R224Q, N233K, R280A

Record Creation Time: 20240314T080545+0000

Record Last Update: 20260829T081958+0000

Ratings and Alerts

No rating or validation information has been found for pCT02.

No alerts have been found for pCT02.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.