

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pET-21a(+)-BMTU UDG-6xHis

RRID:Addgene_172197

Type: Plasmid

Proper Citation

RRID:Addgene_172197

Plasmid Information

URL: <http://www.addgene.org/172197>

Proper Citation: RRID:Addgene_172197

Insert Name: BMTU UDG

Organism: marine bacterium BMTU 3346 UDG

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:EMD Bioscience; Backbone Size:5443; Vector Backbone:pET-21(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: E. coli codon-optimised variant of BMTU 3346 UDG gene originally published in: Jaeger, S., Schmuck, R., & Sobek, H. (2000). Molecular cloning, sequency, and expression of the heat-labile uracil-DNA glycosylase from a marine psychrophilic bacterium, strain BMTU3346. Extremophiles : life under extreme conditions, 4(2), 115–122. <https://doi.org/10.1007/s007920050145>

Plasmid Name: pET-21a(+)-BMTU UDG-6xHis

Record Creation Time: 20230405T080416+0000

Record Last Update: 20260815T082607+0000

Ratings and Alerts

No rating or validation information has been found for pET-21a(+)-BMTU UDG-6xHis.

No alerts have been found for pET-21a(+)-BMTU UDG-6xHis.

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 [RRID](#) .

Matl M, et al. (2025) A lyophilized open-source RT-LAMP assay for molecular diagnostics in resource-limited settings. Life science alliance, 8(10).