

Resource Summary Report

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

pET21a(+)-Bst LF-6xHis

RRID:Addgene_159148

Type: Plasmid

Proper Citation

RRID:Addgene_159148

Plasmid Information

URL: <http://www.addgene.org/159148>

Proper Citation: RRID:Addgene_159148

Insert Name: large fragment of Geobacillus stearothermophilus DNA polymerase I

Organism: Geobacillus stearothermophilus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35433827](#)

Vector Backbone Description: Backbone Marker:EMD Bioscience; Backbone Size:5443; Vector Backbone:pET21a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.06.23.166397v2> for bioRxiv preprint.

Plasmid Name: pET21a(+)-Bst LF-6xHis

Record Creation Time: 20220422T221902+0000

Record Last Update: 20260815T080827+0000

Ratings and Alerts

No rating or validation information has been found for pET21a(+)-Bst LF-6xHis.

No alerts have been found for pET21a(+)-Bst LF-6xHis.

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](#) .

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

de Souza LR, et al. (2023) Improved protocol for Bst polymerase and reverse transcriptase production and application to a point-of-care diagnostics system. Experimental biology and medicine (Maywood, N.J.), 248(19), 1671.