

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pTU1-A-lacZ

RRID:Addgene_72935

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/72935>

Proper Citation: RRID:Addgene_72935

Insert Name: Level 1 - A site

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27096716](#)

Vector Backbone Description: Backbone Marker:iGEM; Backbone Size:2532; Vector Backbone:pSB1A2; Vector Types:Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: pTU1-A-lacZ

Relevant Mutation: Beta-lactamase - G717C (nucleotide) - silent mutagenesis to remove BsaI site

Record Creation Time: 20220422T222447+0000

Record Last Update: 20260902T050107+0000

Ratings and Alerts

No rating or validation information has been found for pTU1-A-lacZ.

No alerts have been found for pTU1-A-lacZ.

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](#) .

Pascual-Garrigos A, et al. (2025) Colorimetric CRISPR Biosensor: A Case Study with Salmonella Typhi. ACS sensors, 10(2), 717.