

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

STK186_pGeoEXP-LacZ-1

RRID:Addgene_235445

Type: Plasmid

Proper Citation

RRID:Addgene_235445

Plasmid Information

URL: <http://www.addgene.org/235445>

Proper Citation: RRID:Addgene_235445

Insert Name: lacZ Dropout Cassette

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pS797; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: To enable the conjugal transformation of Geobacillus species. plasmid pS797 was engineered to include an origin of transfer (ORI T) that incorporates the Nic region and traJ gene from the RP4 conjugal plasmid. Additionally, it features two replication origins-ColE for E. coli and BST1 for Geobacillus-to support propagation in both hosts. The plasmid also carries two antibiotic resistance markers, which allow for selection with ampicillin in E. coli and kanamycin in Geobacillus.

Plasmid Name: STK186_pGeoEXP-LacZ-1

Relevant Mutation: No

Record Creation Time: 20260610T043026+0000

Record Last Update: 20260815T083600+0000

Ratings and Alerts

No rating or validation information has been found for STK186_pGeoEXP-LacZ-1.

No alerts have been found for STK186_pGeoEXP-LacZ-1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.