

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pSLTS

RRID:Addgene_59386

Type: Plasmid

Proper Citation

RRID:Addgene_59386

Plasmid Information

URL: <http://www.addgene.org/59386>

Proper Citation: RRID:Addgene_59386

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25255806](https://pubmed.ncbi.nlm.nih.gov/25255806/)

Vector Backbone Description: Backbone Marker:Herring and Blattner; Backbone Size:7742; Vector Backbone:pKDTS; Vector Types:Bacterial Expression, Genome Engineering; Bacterial Resistance:Ampicillin

Comments: We developed GetX (<https://sourceforge.net/projects/getx/>), a stand-alone python script that allows the user to design mutation cassettes for scarless genome editing in bacteria using our previously described two-step recombination method. Please see the document linked under the Resource Information heading above for additional information on installing and using the script.

Plasmid Name: pSLTS

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081723+0000

Ratings and Alerts

No rating or validation information has been found for pSLTS.

No alerts have been found for pSLTS.

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 [dkNET](#) .

de Mattos CD, et al. (2023) Polyamines and linear DNA mediate bacterial threat assessment of bacteriophage infection. Proceedings of the National Academy of Sciences of the United States of America, 120(9), e2216430120.

Pal A, et al. (2022) Global pleiotropic effects in adaptively evolved Escherichia coli lacking CRP reveal molecular mechanisms that define the growth physiology. Open biology, 12(2), 210206.