

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

PL1

RRID:Addgene_12394

Type: Plasmid

Proper Citation

RRID:Addgene_12394

Plasmid Information

URL: <http://www.addgene.org/12394>

Proper Citation: RRID:Addgene_12394

Insert Name: PL1

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12948494](#)

Vector Backbone Description: Backbone Size:5371; Vector Backbone:pet29 b(+);
Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: A synthetic gene which placed the sequence under the control of the T7 promoter, a C-terminal 6X His tag, and codon usage optimized for Escherichia coli was obtained from BlueHeron Biotechnologies. The gene was then subcloned into the pet29 b(+) vector from Novagen.

Plasmid Name: PL1

Relevant Mutation: RosettaDesign was used to design sequences. Alignment to wild-type can be seen in the article.

Record Creation Time: 20220422T221649+0000

Record Last Update: 20260829T075354+0000

Ratings and Alerts

No rating or validation information has been found for PL1.

No alerts have been found for PL1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.