

Resource Summary Report

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

pOpen-T4 PNK

RRID:Addgene_165520

Type: Plasmid

Proper Citation

RRID:Addgene_165520

Plasmid Information

URL: <http://www.addgene.org/165520>

Proper Citation: RRID:Addgene_165520

Insert Name: T4 PNK

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pBuild; Vector Types:Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: The most commonly used polynucleotide kinase. Used for: 5' phosphorylation of DNA/RNA for subsequent ligation; end labeling DNA or RNA for probes and DNA sequencing; removal of 3' phosphoryl groups. The plasmids in the Open Enzyme collection contain genetic parts and are not functional by themselves. Researchers can clone these enzymes into an expression vector of their choice and then transform into E. coli bacteria for expression and purification. Additional information can be found at <https://www.addgene.org/depositor-collections/open-enzyme/>.

Plasmid Name: pOpen-T4 PNK

Record Creation Time: 20220422T221934+0000

Record Last Update: 20260815T080930+0000

Ratings and Alerts

No rating or validation information has been found for pOpen-T4 PNK.

No alerts have been found for pOpen-T4 PNK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.