

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pOpen-T4 g32

RRID:Addgene_165560

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/165560>

Proper Citation: RRID:Addgene_165560

Insert Name: T4 gene 32

Organism: Other

Bacterial Resistance: Ampicillin

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

Comments: A single-stranded DNA binding protein required for bacteriophage T4 replication and repair; Used extensively to stabilize and mark regions of ssDNA for electron microscopic examination of intracellular DNA structure, to increase yield and processivity of reverse transcriptase during RT-PCR, and to increase yield and specificity of PCR products from soil samples. 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 g32

Record Creation Time: 20220422T221934+0000

Record Last Update: 20260815T080930+0000

Ratings and Alerts

No rating or validation information has been found for pOpen-T4 g32.

No alerts have been found for pOpen-T4 g32.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.