# Resource Summary Report

Generated by RRID on Aug 25, 2026

## pOpen-T5gene12/13

RRID:Addgene_165559
Type: Plasmid

### Proper Citation

RRID:Addgene_165559

### Plasmid Information

**URL:** http://www.addgene.org/165559

**Proper Citation:** RRID:Addgene_165559

**Insert Name:** T5 Exonuclease

**Organism:** Other

**Bacterial Resistance:** Ampicillin

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

**Comments:** Double-stranded DNA specific exonuclease and single-stranded DNA endonuclease. Initiates at the 5' termini of linear or nicked double-stranded DNA. Cleaves linear or nicked double-stranded DNA in the 5' to 3' direction. Ideal for removal of incomplete ligation products from ligated circular double-stranded DNA, degradation of denatured DNA from alkaline-based plasmid purification methods for improved DNA cloning, and degradation of contaminating linear and nicked DNA in plasmid 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-T5gene12/13

**Record Creation Time:** 20220422T221934+0000

**Record Last Update:** 20260815T080930+0000

### Ratings and Alerts

No rating or validation information has been found for pOpen-T5gene12/13.

No alerts have been found for pOpen-T5gene12/13.

## Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We have not found any literature mentions for this resource.