

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

pOpen-T3gene1

RRID:Addgene_165576

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/165576>

Proper Citation: RRID:Addgene_165576

Insert Name: T3 RNA Polymerase

Organism: Other

Bacterial Resistance: Ampicillin

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

Comments: DNA-dependent RNA polymerase derived from T3 bacteriophage that catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. 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-T3gene1

Record Creation Time: 20220422T221934+0000

Record Last Update: 20260815T080930+0000

Ratings and Alerts

No rating or validation information has been found for pOpen-T3gene1.

No alerts have been found for pOpen-T3gene1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.