

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

MutaT7

RRID:Addgene_156460

Type: Plasmid

Proper Citation

RRID:Addgene_156460

Plasmid Information

URL: <http://www.addgene.org/156460>

Proper Citation: RRID:Addgene_156460

Insert Name: rApol

Organism: Rattus norvegicus

Bacterial Resistance: Streptomycin

Defining Citation: [PMID:29991261](#)

Vector Backbone Description: Vector Backbone:None; Vector Types:; Bacterial Resistance:Streptomycin

Comments: Escherichia coli strain that expresses MutaT7, a fusion of rat APOBEC1 and the T7 RNA polymerase. Genotype: DH10B ?ung ?motAB ?csgABCDEFG [PlacI>Ptac] ? (araA-leu)7697::[PA1lacO-Tenth MutaT7]

Plasmid Name: MutaT7

Record Creation Time: 20220422T221853+0000

Record Last Update: 20260725T074051+0000

Ratings and Alerts

No rating or validation information has been found for MutaT7.

No alerts have been found for MutaT7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ting WW, et al. (2023) Tunable T7 Promoter Orthogonality on T7RNAP for cis-Aconitate Decarboxylase Evolution via Base Editor and Screening from Itaconic Acid Biosensor. ACS synthetic biology, 12(10), 3020.