

Resource Summary Report

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

Z-lock ?TAT

RRID:Addgene_175290

Type: Plasmid

Proper Citation

RRID:Addgene_175290

Plasmid Information

URL: <http://www.addgene.org/175290>

Proper Citation: RRID:Addgene_175290

Insert Name: Z-lock ?TAT

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31740825](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pTriEx4; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Z-lock ?TAT

Relevant Mutation: ?TAT (236 amino acids)

Record Creation Time: 20220422T222013+0000

Record Last Update: 20260815T081048+0000

Ratings and Alerts

No rating or validation information has been found for Z-lock ?TAT.

No alerts have been found for Z-lock ?TAT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Deb Roy A, et al. (2026) OptoTAT reveals microtubule acetylation as a rapid trigger for GEF-H1-mediated cell migration. The Journal of cell biology, 225(5).

Roy AD, et al. (2024) Optogenetically Induced Microtubule Acetylation Unveils the Molecular Dynamics of Actin-Microtubule Crosstalk in Directed Cell Migration. bioRxiv : the preprint server for biology.