

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pLVX-TetOne-bleo-atpD-K155Q

RRID:Addgene_248068

Type: Plasmid

Proper Citation

RRID:Addgene_248068

Plasmid Information

URL: <http://www.addgene.org/248068>

Proper Citation: RRID:Addgene_248068

Insert Name: atpD

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40894546](#)

Vector Backbone Description: Backbone Marker:TakaraBio; Backbone Size:9138;
Vector Backbone:pLVX-TetOne-bleo; Vector Types:Lentiviral; Bacterial
Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2025.08.12.670003> for bioRxiv preprint.

Plasmid Name: pLVX-TetOne-bleo-atpD-K155Q

Relevant Mutation: Lysine 155 to Glutamine, codon-optimized for expression in human cells

Record Creation Time: 20251126T055052+0000

Record Last Update: 20260815T083433+0000

Ratings and Alerts

No rating or validation information has been found for pLVX-TetOne-bleo-atpD-K155Q.

No alerts have been found for pLVX-TetOne-bleo-atpD-K155Q.

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 [RRID](#) .

Ekvik AE, et al. (2026) Genetically encoded manipulation of ATP/ADP ratio in human cells uncovers proteomic and physiological signatures of energy stress. Cell chemical biology, 33(5), 683.