

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

pLenti_hU6-peg(ATP1A1-T804N)_mU6-BsmBI_Puro

RRID:Addgene_234070

Type: Plasmid

Proper Citation

RRID:Addgene_234070

Plasmid Information

URL: <http://www.addgene.org/234070>

Proper Citation: RRID:Addgene_234070

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40120586](#)

Vector Backbone Description: Backbone Size:8856; Vector Backbone:lentiGuide-Puro; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: User-specified (e)pegRNA can be inserted downstream of mU6 promoter after BsmBI-digestion of this plasmid. Additionally encodes an epegRNA under hU6 promoter to install ATP1A1-T804N mutation enabling ouabain co-selection. Please visit <https://doi.org/10.1101/2024.04.01.587366> for bioRxiv preprint.

Plasmid Name: pLenti_hU6-peg(ATP1A1-T804N)_mU6-BsmBI_Puro

Record Creation Time: 20250328T090924+0000

Record Last Update: 20260829T082322+0000

Ratings and Alerts

No rating or validation information has been found for pLenti_hU6-peg(ATP1A1-T804N)_mU6-BsmBI_Puro.

No alerts have been found for pLenti_hU6-peg(ATP1A1-T804N)_mU6-BsmBI_Puro.

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](#) .

Herger M, et al. (2025) High-throughput screening of human genetic variants by pooled prime editing. Cell genomics, 5(4), 100814.