

Resource Summary Report

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

[pLV312.3](#)

RRID:Addgene_119944

Type: Plasmid

Proper Citation

RRID:Addgene_119944

Plasmid Information

URL: <http://www.addgene.org/119944>

Proper Citation: RRID:Addgene_119944

Insert Name: C-Intein (Npu DnaE) - C-terminal (740)SaKKH-BE3

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30297904](#)

Vector Backbone Description: Backbone Marker:Feng Zhang lab; Backbone Size:4316; Vector Backbone:px601; Vector Types:Mammalian Expression, AAV, CRISPR; Bacterial Resistance:Ampicillin

Comments: sgRNA targets Pahenu2 mutation

Plasmid Name: pLV312.3

Record Creation Time: 20220422T221627+0000

Record Last Update: 20260815T080317+0000

Ratings and Alerts

No rating or validation information has been found for pLV312.3.

No alerts have been found for pLV312.3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Mathis N, et al. (2023) Predicting prime editing efficiency and product purity by deep learning. Nature biotechnology, 41(8), 1151.

Li A, et al. (2022) Cytosine base editing systems with minimized off-target effect and molecular size. Nature communications, 13(1), 4531.

Rothgangl T, et al. (2021) In vivo adenine base editing of PCSK9 in macaques reduces LDL cholesterol levels. Nature biotechnology, 39(8), 949.