Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Cas12f-GE ver4.1

RRID:Addgene_176544
Type: Plasmid

Proper Citation

RRID:Addgene_176544

Plasmid Information

URL: http://www.addgene.org/176544

Proper Citation: RRID:Addgene_176544

Insert Name: Cas12f-GE ver4.1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:34475560

Vector Backbone Description: Vector Backbone:px458-GFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Cas12f-GE ver4.1

Record Creation Time: 20220422T222020+0000

Record Last Update: 20260808T081306+0000

Ratings and Alerts

No rating or validation information has been found for Cas12f-GE ver4.1.

No alerts have been found for Cas12f-GE ver4.1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Han Y, et al. (2026) Compact Cas12f enables genome editing in avian cells. Poultry science, 105(9), 107116.

Park SJ, et al. (2025) Robust genome editing activity and the applications of enhanced miniature CRISPR-Cas12f1. Nature communications, 16(1), 677.

Song Z, et al. (2025) Noncanonical target-strand cytosine base editing via engineered Un1Cas12f1 platform. Nature communications, 16(1), 9499.

Fan P, et al. (2024) Targeted mutagenesis in mice via an engineered AsCas12f1 system. Cellular and molecular life sciences : CMLS, 81(1), 63.

Sorida M, et al. (2023) An efficient cloning method to expand vector and restriction site compatibility of Golden Gate Assembly. Cell reports methods, 3(8), 100564.