

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pUC-H1-gRNA

RRID:Addgene_61089

Type: Plasmid

Proper Citation

RRID:Addgene_61089

Plasmid Information

URL: <http://www.addgene.org/61089>

Proper Citation: RRID:Addgene_61089

Insert Name: H1 promoter; gRNA sequences

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25209046](#)

Vector Backbone Description: Backbone Size:2636; Vector Backbone:pUC19; Vector Types:Mammalian Expression, CRISPR, /Cas9 gRNA cloning vector; Bacterial Resistance:Ampicillin

Comments: As Ampicillin gene and H1 promoter contain BsaI sites, we mutated the sequence of Amp gene (G1601C, not change amino acid), and mutated H1 promoter from GAGACC to GAGGACC to eliminate the BsaI internal site.

Plasmid Name: pUC-H1-gRNA

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081738+0000

Ratings and Alerts

No rating or validation information has been found for pUC-H1-gRNA.

No alerts have been found for pUC-H1-gRNA.

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](#) .

Jang H, et al. (2022) Application of prime editing to the correction of mutations and phenotypes in adult mice with liver and eye diseases. Nature biomedical engineering, 6(2), 181.

Jin X, et al. (2019) The endogenous retrovirus-derived long noncoding RNA TROJAN promotes triple-negative breast cancer progression via ZMYND8 degradation. Science advances, 5(3), eaat9820.