

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pLEX307_CR-PDHA2S291A

RRID:Addgene_115203

Type: Plasmid

Proper Citation

RRID:Addgene_115203

Plasmid Information

URL: <http://www.addgene.org/115203>

Proper Citation: RRID:Addgene_115203

Insert Name: CR (CRISPR/Cas9-resistant)-PDHA2S291A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31536960](#)

Vector Backbone Description: Backbone Marker:David Root, Addgene plasmid # 41392; Backbone Size:8270; Vector Backbone:pLEX-307; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLEX307_CR-PDHA2S291A

Relevant Mutation: c.321C>T (silent when translated to protein, confers CRISPR/Cas9 resistance since it mutates the canonical PAM site), p.S291A

Record Creation Time: 20220422T221604+0000

Record Last Update: 20260808T080516+0000

Ratings and Alerts

No rating or validation information has been found for pLEX307_CR-PDHA2S291A.

No alerts have been found for pLEX307_CR-PDHA2S291A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.