

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

pET-28b-T7-hAsCas12a(E174R/S542R)-NLS(nucleoplasmin)-6xHis (AAS1880)

RRID:Addgene_114071

Type: Plasmid

Proper Citation

RRID:Addgene_114071

Plasmid Information

URL: <http://www.addgene.org/114071>

Proper Citation: RRID:Addgene_114071

Insert Name: human codon optimized AsCas12a (E174R/S542R) with C-terminal NLS and His-tag

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30742127](#)

Vector Backbone Description: Backbone Marker:Schier Lab (Addgene plasmid # 47327); Vector Backbone:pET-28b-Cas9-His; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pET-28b-T7-hAsCas12a(E174R/S542R)-NLS(nucleoplasmin)-6xHis (AAS1880)

Relevant Mutation: E174R and S542R

Record Creation Time: 20220422T221557+0000

Record Last Update: 20260815T080218+0000

Ratings and Alerts

No rating or validation information has been found for pET-28b-T7-hAsCas12a(E174R/S542R)-NLS(nucleoplasmin)-6xHis (AAS1880).

No alerts have been found for pET-28b-T7-hAsCas12a(E174R/S542R)-NLS(nucleoplasmin)-6xHis (AAS1880).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.