

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pET-28b-T7-hAsCas12a-RR(S542R/K607R)-NLS(nucleoplasmin)-6xHis (AAS1916)

RRID:Addgene_114076

Type: Plasmid

Proper Citation

RRID:Addgene_114076

Plasmid Information

URL: <http://www.addgene.org/114076>

Proper Citation: RRID:Addgene_114076

Insert Name: human codon optimized AsCas12a-RR (S542R/K607R) 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-RR(S542R/K607R)-NLS(nucleoplasmin)-6xHis (AAS1916)

Relevant Mutation: S542R and K607R

Record Creation Time: 20220422T221557+0000

Record Last Update: 20260808T080504+0000

Ratings and Alerts

No rating or validation information has been found for pET-28b-T7-hAsCas12a-RR(S542R/K607R)-NLS(nucleoplasmin)-6xHis (AAS1916).

No alerts have been found for pET-28b-T7-hAsCas12a-RR(S542R/K607R)-NLS(nucleoplasmin)-6xHis (AAS1916).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.