

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pAG001 His6-TwinStrep-SUMO-AapCas12b

RRID:Addgene_153162

Type: Plasmid

Proper Citation

RRID:Addgene_153162

Plasmid Information

URL: <http://www.addgene.org/153162>

Proper Citation: RRID:Addgene_153162

Insert Name: AapCas12b

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32511521](#)

Vector Backbone Description: Vector Backbone:SUMO expression backbone; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pAG001 His6-TwinStrep-SUMO-AapCas12b

Record Creation Time: 20220422T221838+0000

Record Last Update: 20260815T080733+0000

Ratings and Alerts

No rating or validation information has been found for pAG001 His6-TwinStrep-SUMO-AapCas12b.

No alerts have been found for pAG001 His6-TwinStrep-SUMO-AapCas12b.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Ghouneimy A, et al. (2024) CRISPR-Based Multiplex Detection of Human Papillomaviruses for One-Pot Point-of-Care Diagnostics. ACS synthetic biology, 13(3), 837.

Nan X, et al. (2023) VarLOCK: sequencing-independent, rapid detection of SARS-CoV-2 variants of concern for point-of-care testing, qPCR pipelines and national wastewater surveillance. Scientific reports, 13(1), 20832.

Huyke DA, et al. (2022) Enzyme Kinetics and Detector Sensitivity Determine Limits of Detection of Amplification-Free CRISPR-Cas12 and CRISPR-Cas13 Diagnostics. Analytical chemistry, 94(27), 9826.