

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

pHis-TEV-Nsp15

RRID:Addgene_187656

Type: Plasmid

Proper Citation

RRID:Addgene_187656

Plasmid Information

URL: <http://www.addgene.org/187656>

Proper Citation: RRID:Addgene_187656

Insert Name: Nsp15

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36630960](#)

Vector Backbone Description: Backbone Marker:purchased from GenScript; Backbone Size:5644; Vector Backbone:pET-11b; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Protein sequence is MHHHHHHSSGVDLG TENLYFQSNAM + Nsp15 (amino acid residues 6453-6798 of YP_009724389). Used for the determination of the atomic-resolution (2.6 angstrom) structure of the room temperature form of SARS-CoV-2 NendoU by serial femtosecond crystallography at an X-ray free-electron laser (XFEL), Protein Data Bank accession number 7K9P, Jernigan et al 2023 Structure 31:1-14, <https://doi.org/10.1016/j.str.2022.12.009>, PMID 36630960. Confers ampicillin-resistance. Backbone vector is pET-11b from GenScript. Construct design by Debra T. Hansen.

Plasmid Name: pHis-TEV-Nsp15

Relevant Mutation: none

Record Creation Time: 20230329T080505+0000

Record Last Update: 20260801T082434+0000

Ratings and Alerts

No rating or validation information has been found for pHis-TEV-Nsp15.

No alerts have been found for pHis-TEV-Nsp15.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.