

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

pVP91A-pcaHG

RRID:Addgene_113766

Type: Plasmid

Proper Citation

RRID:Addgene_113766

Plasmid Information

URL: <http://www.addgene.org/113766>

Proper Citation: RRID:Addgene_113766

Insert Name: ?? subunit of Protocatechuate 3,4- Dioxygenase

Organism: P. putida

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25548185](#)

Vector Backbone Description: Backbone Marker:DNASU plasmid repository, Arizona State University Biodesign Institute; Backbone Size:4010; Vector Backbone:pVP91A vector; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please ensure that the chosen expression cell line expresses the T5 RNA polymerase. Senavirathne, G., et al., Expression and purification of nuclease-free protocatechuate 3,4-dioxygenase for prolonged single-molecule fluorescence imaging. Anal Biochem, 2018. 556: p. 78-84.

Plasmid Name: pVP91A-pcaHG

Record Creation Time: 20220422T221555+0000

Record Last Update: 20260808T080501+0000

Ratings and Alerts

No rating or validation information has been found for pVP91A-pcaHG.

No alerts have been found for pVP91A-pcaHG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Scherr MJ, et al. (2022) Mobile origin-licensing factors confer resistance to conflicts with RNA polymerase. Cell reports, 38(12), 110531.

Kudryashova E, et al. (2022) Pointed-end processive elongation of actin filaments by Vibrio effectors VopF and VopL. Science advances, 8(46), eadc9239.