

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pPBO.ACT004

RRID:Addgene_182714

Type: Plasmid

Proper Citation

RRID:Addgene_182714

Plasmid Information

URL: <http://www.addgene.org/182714>

Proper Citation: RRID:Addgene_182714

Insert Name: CasRx crRNA cloning backbone

Organism: Ruminococcus flavefaciens XPD3002

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35950485](#)

Vector Backbone Description: Backbone Size:448; Vector Backbone:ColE1 ORI; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: This material is based upon work supported by the U. S. Department of Energy, Office of Science, through the Genomic Science Program, Office of Biological and Environmental Research, under the Secure Biosystems Design Initiative. Sandia National Laboratories is managed by National Technology and Engineering Solutions of Sandia, LLC., a wholly owned subsidiary of Honeywell International, Inc., for the U.S. Department of Energy under contract no. DE-NA-0003525.

Plasmid Name: pPBO.ACT004

Relevant Mutation: Catalytically deactivated R295A, H300A, R849A, H854A

Record Creation Time: 20220814T080220+0000

Record Last Update: 20260902T043127+0000

Ratings and Alerts

No rating or validation information has been found for pPBO.ACT004.

No alerts have been found for pPBO.ACT004.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.