

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pYPQ290-D570A](#)

RRID:Addgene_129673

Type: Plasmid

Proper Citation

RRID:Addgene_129673

Plasmid Information

URL: <http://www.addgene.org/129673>

Proper Citation: RRID:Addgene_129673

Insert Name: AacCas12b

Organism: Alicyclobacillus acidoterrestris

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32170285](#)

Vector Backbone Description: Vector Backbone:pYPQ167; Vector Types:Plant Expression, CRISPR, Gateway compatible AacCas12b-D570A entry clone; Bacterial Resistance:Spectinomycin

Plasmid Name: pYPQ290-D570A

Relevant Mutation: D570A; AacCas12b is rice codon optimized

Record Creation Time: 20220422T221721+0000

Record Last Update: 20260815T080500+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ290-D570A.

No alerts have been found for pYPQ290-D570A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.