

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pYPQ292

RRID:Addgene_129672

Type: Plasmid

Proper Citation

RRID:Addgene_129672

Plasmid Information

URL: <http://www.addgene.org/129672>

Proper Citation: RRID:Addgene_129672

Insert Name: AaCas12b

Organism: Alicyclobacillus acidiphilus

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32170285](#)

Vector Backbone Description: Vector Backbone:pYPQ167; Vector Types:Plant Expression, CRISPR, Gateway compatible AaCas12b entry clone; Bacterial Resistance:Spectinomycin

Plasmid Name: pYPQ292

Relevant Mutation: AaCas12b is rice codon optimized

Record Creation Time: 20220422T221721+0000

Record Last Update: 20260808T080733+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ292.

No alerts have been found for pYPQ292.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gurel F, et al. (2023) On- and Off-Target Analyses of CRISPR-Cas12b Genome Editing Systems in Rice. The CRISPR journal, 6(1), 62.