

Resource Summary Report

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

[pYPQ291](#)

RRID:Addgene_129671

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/129671>

Proper Citation: RRID:Addgene_129671

Insert Name: BthCas12b

Organism: Bacillus thermoamylovorans

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32170285](#)

Vector Backbone Description: Vector Backbone:pYPQ167; Vector Types:Plant Expression, CRISPR, Gateway compatible BthCas12b entry clone; Bacterial Resistance:Spectinomycin

Plasmid Name: pYPQ291

Relevant Mutation: BthCas12b 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 pYPQ291.

No alerts have been found for pYPQ291.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.