

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

[pYPQ144](#)

RRID:Addgene_69296

Type: Plasmid

Proper Citation

RRID:Addgene_69296

Plasmid Information

URL: <http://www.addgene.org/69296>

Proper Citation: RRID:Addgene_69296

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:26297141](#)

Vector Backbone Description: Vector Backbone:pYPQ104; Vector Types:CRISPR; Bacterial Resistance:Spectinomycin

Comments: Please note that the Addgene verified sequence has minor differences compared to the depositor's reference sequence, however these differences should not affect plasmid function.

Plasmid Name: pYPQ144

Record Creation Time: 20220422T222430+0000

Record Last Update: 20260829T080923+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ144.

No alerts have been found for pYPQ144.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Pramanik D, et al. (2025) CRISPR/Cas9-Mediated Gene Knockout in Cereal Crops. Current protocols, 5(9), e70210.

Fan T, et al. (2024) High performance TadA-8e derived cytosine and dual base editors with undetectable off-target effects in plants. Nature communications, 15(1), 5103.

Zhang Y, et al. (2021) Expanding the scope of plant genome engineering with Cas12a orthologs and highly multiplexable editing systems. Nature communications, 12(1), 1944.