

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pYPQ150](#)

RRID:Addgene_69301

Type: Plasmid

Proper Citation

RRID:Addgene_69301

Plasmid Information

URL: <http://www.addgene.org/69301>

Proper Citation: RRID:Addgene_69301

Insert Name: pcoCas9 (plant codon-optimized)

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:26297141](#)

Vector Backbone Description: Vector Backbone:pNJB91; Vector Types:CRISPR;
Bacterial Resistance:Spectinomycin

Plasmid Name: pYPQ150

Relevant Mutation: NLS fusion

Record Creation Time: 20220422T222430+0000

Record Last Update: 20260815T081851+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ150.

No alerts have been found for pYPQ150.

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](#) .

Moin M, et al. (2025) A simple seed-piercing transformation protocol for pearl millet and finger millet. AoB PLANTS, 17(5), plaf050.

Sretenovic S, et al. (2021) Expanding plant genome-editing scope by an engineered iSpyMacCas9 system that targets A-rich PAM sequences. Plant communications, 2(2), 100101.

Liang Y, et al. (2021) Improved Transformation and Regeneration of Indica Rice: Disruption of SUB1A as a Test Case via CRISPR-Cas9. International journal of molecular sciences, 22(13).