

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pYPQ202

RRID:Addgene_86198

Type: Plasmid

Proper Citation

RRID:Addgene_86198

Plasmid Information

URL: <http://www.addgene.org/86198>

Proper Citation: RRID:Addgene_86198

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:28211909](#)

Vector Backbone Description: Vector Backbone:pYPQ202; Vector Types:Plant Expression, Gateway compatible attR1-attR2 destination vector; Bacterial Resistance:Chloramphenicol and Kanamycin

Comments: Note: Addgene's quality control sequencing finds a 1.2kb transposable element upstream of the Kanamycin resistance cassette. This inserted sequence does not affect plasmid function.

Plasmid Name: pYPQ202

Record Creation Time: 20220422T222554+0000

Record Last Update: 20260815T082132+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ202.

No alerts have been found for pYPQ202.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Rocha DC, et al. (2025) Transgene-free genome editing in citrus and poplar trees using positive and negative selection markers. Plant cell reports, 44(11), 244.

Li G, et al. (2023) Hs1Cas12a and Ev1Cas12a confer efficient genome editing in plants. Frontiers in genome editing, 5, 1251903.

Pan C, et al. (2021) CRISPR-Act3.0 for highly efficient multiplexed gene activation in plants. Nature plants, 7(7), 942.

Malzahn AA, et al. (2019) Application of CRISPR-Cas12a temperature sensitivity for improved genome editing in rice, maize, and Arabidopsis. BMC biology, 17(1), 9.

Zhang Y, et al. (2019) Plant Gene Knockout and Knockdown by CRISPR-Cpf1 (Cas12a) Systems. Methods in molecular biology (Clifton, N.J.), 1917, 245.