

Resource Summary Report

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

[pICH47781](#)

RRID:Addgene_48005

Type: Plasmid

Proper Citation

RRID:Addgene_48005

Plasmid Information

URL: <http://www.addgene.org/48005>

Proper Citation: RRID:Addgene_48005

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21364738](#)

Vector Backbone Description: Backbone Marker:self-made; Backbone Size:4356; Vector Backbone:derived from pBIN19 and pUC19; Vector Types:Unspecified; Bacterial Resistance:Ampicillin

Comments: level 1 cloning vector, replicates in E.coli and Agrobacterium, binary vector for Agrobacterium T-DNA delivery to plant cells

Plasmid Name: pICH47781

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081547+0000

Ratings and Alerts

No rating or validation information has been found for pICH47781.

No alerts have been found for pICH47781.

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 [NIF](#) .

Singh DK, et al. (2026) Cohesin and its regulation promote monopolar kinetochore orientation at meiosis I in Arabidopsis. Current biology : CB, 36(8), 1994.

Kunta S, et al. (2025) Species-specific PHYTOCHROME-INTERACTING FACTOR utilization in the plant morphogenetic response to environmental stimuli. The Plant cell, 37(5).

Nourozi M, et al. (2023) CRISPR/Cas StNRL1 gene knockout increases resistance to late blight and susceptibility to early blight in potato. Frontiers in plant science, 14, 1278127.