

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[pICH47772](#)

RRID:Addgene_48004

Type: Plasmid

Proper Citation

RRID:Addgene_48004

Plasmid Information

URL: <http://www.addgene.org/48004>

Proper Citation: RRID:Addgene_48004

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: pICH47772

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260829T080612+0000

Ratings and Alerts

No rating or validation information has been found for pICH47772.

No alerts have been found for pICH47772.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 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.

Miller CN, et al. (2025) A single-nuclei transcriptome census of the Arabidopsis maturing root identifies that MYB67 controls phellem cell maturation. Developmental cell, 60(9), 1377.

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

Procko C, et al. (2023) Mutational analysis of mechanosensitive ion channels in the carnivorous Venus flytrap plant. Current biology : CB, 33(15), 3257.

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.

Xu JJ, et al. (2018) Characterization of Arabidopsis thaliana Hydroxyphenylpyruvate Reductases in the Tyrosine Conversion Pathway. Frontiers in plant science, 9, 1305.