Resource Summary Report

Generated by nidm-terms on Aug 10, 2026

pICH47732

RRID:Addgene_48000
Type: Plasmid

Proper Citation

RRID:Addgene_48000

Plasmid Information

URL: http://www.addgene.org/48000

Proper Citation: RRID:Addgene_48000

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: pICH47732

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260808T081735+0000

Ratings and Alerts

No rating or validation information has been found for pICH47732.

No alerts have been found for pICH47732.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Nyikó T, et al. (2025) INCREASED DNA METHYLATION 3 forms a potential chromatin remodelling complex with HAIRPLUS to regulate DNA methylation and trichome development in tomato. The Plant journal : for cell and molecular biology, 121(6), e70085.

Golubova D, et al. (2025) Biosynthesis and bioactivity of anti-inflammatory triterpenoids in Calendula officinalis. Nature communications, 16(1), 6941.

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

Flores-Fernández CN, et al. (2025) UniClo: scarless hierarchical DNA assembly without sequence constraint. Nucleic acids research, 53(12).

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.

Coates RJ, et al. (2024) Incorporation of regulatory DNA elements within a viral vector improves recombinant protein expression in plants. Scientific reports, 14(1), 28865.

Adachi H, et al. (2023) An atypical NLR protein modulates the NRC immune receptor network in Nicotiana benthamiana. PLoS genetics, 19(1), e1010500.

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.

Dinh HX, et al. (2022) The barley leaf rust resistance gene Rph3 encodes a predicted membrane protein and is induced upon infection by avirulent pathotypes of Puccinia hordei. Nature communications, 13(1), 2386.

Marsch-Martínez N, et al. (2022) Twisting development, the birth of a potential new gene. iScience, 25(12), 105627.

Ackerman-Lavert M, et al. (2021) Auxin requirements for a meristematic state in roots depend on a dual brassinosteroid function. Current biology : CB, 31(20), 4462.

Kuhn A, et al. (2020) Direct ETTIN-auxin interaction controls chromatin states in gynoecium development. eLife, 9.

Guo H, et al. (2020) Phosphorylation-Regulated Activation of the Arabidopsis RRS1-R/RPS4 Immune Receptor Complex Reveals Two Distinct Effector Recognition Mechanisms. Cell host & microbe, 27(5), 769.

Adachi H, et al. (2019) An N-terminal motif in NLR immune receptors is functionally conserved across distantly related plant species. eLife, 8.

Chung Y, et al. (2019) Auxin Response Factors promote organogenesis by chromatin-mediated repression of the pluripotency gene SHOOTMERISTEMLESS. Nature

communications, 10(1), 886.