

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 3, 2026

pICH41414

RRID:Addgene_50337

Type: Plasmid

Proper Citation

RRID:Addgene_50337

Plasmid Information

URL: <http://www.addgene.org/50337>

Proper Citation: RRID:Addgene_50337

Insert Name: 3'UTR, polyadenylation signal/terminator, 35s (Cauliflower Mosaic Virus)

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:24933124](#)

Vector Backbone Description: Vector Backbone:pICH41276; Vector Types:plant expression; Bacterial Resistance:Spectinomycin

Comments: insert can be released with BsaI

Plasmid Name: pICH41414

Relevant Mutation: BsaI/BbsI sites removed by point-mutation

Record Creation Time: 20220422T222258+0000

Record Last Update: 20260902T045617+0000

Ratings and Alerts

No rating or validation information has been found for pICH41414.

No alerts have been found for pICH41414.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

David P, et al. (2026) The fluorescence-activating and absorption-shifting tag (FAST), a versatile protein marker for live plant cell imaging. The Plant journal : for cell and molecular biology, 126(5), e70966.

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

Brabham HJ, et al. (2024) Barley MLA3 recognizes the host-specificity effector Pwl2 from *Magnaporthe oryzae*. The Plant cell, 36(2), 447.

Kourelis J, et al. (2024) Bioengineering secreted proteases converts divergent Rcr3 orthologs and paralogs into extracellular immune co-receptors. The Plant cell, 36(9), 3260.

Shelake RM, et al. (2022) In Vivo Rapid Investigation of CRISPR-Based Base Editing Components in *Escherichia coli* (IRI-CCE): A Platform for Evaluating Base Editing Tools and Their Components. International journal of molecular sciences, 23(3).

Schuster M, et al. (2022) Purification of His-Tagged Proteases from the Apoplast of Agroinfiltrated *N. benthamiana*. Methods in molecular biology (Clifton, N.J.), 2447, 53.

Wardhani TAK, et al. (2019) Transforming, Genome Editing and Phenotyping the Nitrogen-fixing Tropical Cannabaceae Tree *Parasponia andersonii*. Journal of visualized experiments : JoVE(150).