

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

[pICH85281](#)

RRID:Addgene_50272

Type: Plasmid

Proper Citation

RRID:Addgene_50272

Plasmid Information

URL: <http://www.addgene.org/50272>

Proper Citation: RRID:Addgene_50272

Insert Name: Promoter + 5'UTR, mas, (A. tumefaciens) + 5'UTR, omega (Tobacco Mosaic Virus)

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:24933124](#)

Vector Backbone Description: Vector Backbone:pICH41295; Vector Types:plant expression; Bacterial Resistance:Spectinomycin

Comments: insert can be released with BsaI

Plasmid Name: pICH85281

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

Record Creation Time: 20220422T222257+0000

Record Last Update: 20260815T081604+0000

Ratings and Alerts

No rating or validation information has been found for pICH85281.

No alerts have been found for pICH85281.

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 [RRID](#) .

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

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

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.