

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

pICH51277

RRID:Addgene_50268

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/50268>

Proper Citation: RRID:Addgene_50268

Insert Name: promoter (0.4 kb), 35s (Cauliflower Mosaic Virus) + 5'UTR, omega (Tobacco Mosaic Virus)

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:24933124](#)

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

Comments: insert can be released with BsaI

Plasmid Name: pICH51277

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

Record Creation Time: 20220422T222257+0000

Record Last Update: 20260829T080630+0000

Ratings and Alerts

No rating or validation information has been found for pICH51277.

No alerts have been found for pICH51277.

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 [PRECISE-TBI](#) .

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

Bian C, et al. (2025) Conservation and divergence of regulatory architecture in nitrate-responsive plant gene circuits. *The Plant cell*, 37(6).

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