

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

## pICH51277

RRID:Addgene\_50268

Type: Plasmid

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### Proper Citation

RRID:Addgene\_50268

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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:** 20260815T081604+0000

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### Ratings and Alerts

No rating or validation information has been found for pICH51277.

No alerts have been found for pICH51277.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

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).