

# Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

## PV503

RRID:Addgene\_132342

Type: Plasmid

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### Proper Citation

RRID:Addgene\_132342

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### Plasmid Information

**URL:** <http://www.addgene.org/132342>

**Proper Citation:** RRID:Addgene\_132342

**Insert Name:** CasE-AT-CBF1

**Organism:** Arabidopsis thaliana

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:31646186](#)

**Vector Backbone Description:** Vector Backbone:PHP17720; Vector Types:Plant Expression; Bacterial Resistance:Kanamycin

**Comments:** There is a D52G mismatch in CasE that does not impact the function of the plasmid.

**Plasmid Name:** PV503

**Relevant Mutation:** Codon optimize for expression and stability in Zea mays

**Record Creation Time:** 20220422T221734+0000

**Record Last Update:** 20260815T080527+0000

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### Ratings and Alerts

No rating or validation information has been found for PV503.

No alerts have been found for PV503.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Cao HX, et al. (2022) From Genome Sequencing to CRISPR-Based Genome Editing for Climate-Resilient Forest Trees. International journal of molecular sciences, 23(2).

Young JK, et al. (2019) The repurposing of type I-E CRISPR-Cascade for gene activation in plants. Communications biology, 2, 383.