

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pMDC32B-AtTAS1c-D2-B/c

RRID:Addgene_137884

Type: Plasmid

Proper Citation

RRID:Addgene_137884

Plasmid Information

URL: <http://www.addgene.org/137884>

Proper Citation: RRID:Addgene_137884

Insert Name: AtTAS1c-D2-B/c

Organism: Arabidopsis thaliana

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:32396204](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:10141; Vector Backbone:pMDC32; Vector Types:Plant Expression; Bacterial Resistance:Chloramphenicol and Kanamycin

Plasmid Name: pMDC32B-AtTAS1c-D2-B/c

Relevant Mutation: A. thaliana TAS1c precursor sequence including a chloramphenicol-ccdB cassette flanked by two inverted BsaI sites downstream the 3'D1[+] position. The BsaI site in the ccdB gene was mutated to block the site.

Record Creation Time: 20220422T221758+0000

Record Last Update: 20260808T080846+0000

Ratings and Alerts

No rating or validation information has been found for pMDC32B-AtTAS1c-D2-B/c.

No alerts have been found for pMDC32B-AtTAS1c-D2-B/c.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Tomassi AH, et al. (2026) Precision RNAi in Tomato Using Synthetic Trans-Acting Small Interfering RNAs Derived From Minimal Precursors. Plant biotechnology journal, 24(3), 1269.