

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pMDC123SB-AtMIR390a-B/c

RRID:Addgene_51775

Type: Plasmid

Proper Citation

RRID:Addgene_51775

Plasmid Information

URL: <http://www.addgene.org/51775>

Proper Citation: RRID:Addgene_51775

Insert Name: AtMIR390a-B/c

Organism: Arabidopsis thaliana

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:24647477](#)

Vector Backbone Description: Backbone Size:8754; Vector Backbone:pMDC123; Vector Types:Plant Expression; Bacterial Resistance:Chloramphenicol and Kanamycin

Plasmid Name: pMDC123SB-AtMIR390a-B/c

Relevant Mutation: A. thaliana MIR390a precursor sequence including a chloramphenicol-ccdB cassette flanked by two inverted BsaI sites. The BsaI site in the ccdB gene was mutated to block the site.

Record Creation Time: 20220422T222304+0000

Record Last Update: 20260815T081621+0000

Ratings and Alerts

No rating or validation information has been found for pMDC123SB-AtMIR390a-B/c.

No alerts have been found for pMDC123SB-AtMIR390a-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 [RRID](#) .

Carbonell A, et al. (2019) Design, Synthesis, and Functional Analysis of Highly Specific Artificial Small RNAs with Antiviral Activity in Plants. Methods in molecular biology (Clifton, N.J.), 2028, 231.