

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

pFK210B-AtMIR390a-B/c

RRID:Addgene_51777

Type: Plasmid

Proper Citation

RRID:Addgene_51777

Plasmid Information

URL: <http://www.addgene.org/51777>

Proper Citation: RRID:Addgene_51777

Insert Name: AtMIR390a-B/c

Organism: Arabidopsis thaliana

Bacterial Resistance: Chloramphenicol and Spectinomycin

Defining Citation: [PMID:24647477](#)

Vector Backbone Description: Backbone Size:6005; Vector Backbone:pGreen III; Vector Types:Plant Expression; Bacterial Resistance:Chloramphenicol and Spectinomycin

Plasmid Name: pFK210B-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: 20260725T074815+0000

Ratings and Alerts

No rating or validation information has been found for pFK210B-AtMIR390a-B/c.

No alerts have been found for pFK210B-AtMIR390a-B/c.

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 [NIF](#) .

Castillo-Badillo JA, et al. (2021) An optogenetic model reveals cell shape regulation through FAK and fascin. *Journal of cell science*, 134(13).

Kourelis J, et al. (2020) Evolution of a guarded decoy protease and its receptor in solanaceous plants. *Nature communications*, 11(1), 4393.

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.