

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pMS21: pHelper(PmcCAST)_entry

RRID:Addgene_168154

Type: Plasmid

Proper Citation

RRID:Addgene_168154

Plasmid Information

URL: <http://www.addgene.org/168154>

Proper Citation: RRID:Addgene_168154

Insert Name: PmcCAST minimal CRISPR array

Organism: Peltigera membranacea cyanobiont 210A

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:33770501](#)

Vector Backbone Description: Backbone Marker:Millipore Sigma; Vector Backbone:pCDFDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Plasmid Name: pMS21: pHelper(PmcCAST)_entry

Record Creation Time: 20220422T221944+0000

Record Last Update: 20260725T074223+0000

Ratings and Alerts

No rating or validation information has been found for pMS21: pHelper(PmcCAST)_entry.

No alerts have been found for pMS21: pHelper(PmcCAST)_entry.

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 [NIF](#) .

Finocchio G, et al. (2025) Structural basis of TnsC oligomerization and transposase recruitment in type I-B CRISPR-associated transposons. Nucleic acids research, 53(5).