

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pMS23: pHelper(PmcCAST)_entry_?TnsD

RRID:Addgene_168156

Type: Plasmid

Proper Citation

RRID:Addgene_168156

Plasmid Information

URL: <http://www.addgene.org/168156>

Proper Citation: RRID:Addgene_168156

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: pMS23: pHelper(PmcCAST)_entry_?TnsD

Record Creation Time: 20220422T221944+0000

Record Last Update: 20260815T080951+0000

Ratings and Alerts

No rating or validation information has been found for pMS23: pHelper(PmcCAST)_entry_?TnsD.

No alerts have been found for pMS23: pHelper(PmcCAST)_entry_?TnsD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.