

Resource Summary Report

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

pMS4: pHelper(AvCAST)_entry

RRID:Addgene_168137

Type: Plasmid

Proper Citation

RRID:Addgene_168137

Plasmid Information

URL: <http://www.addgene.org/168137>

Proper Citation: RRID:Addgene_168137

Insert Name: AvCAST minimal CRISPR array

Organism: Anabaena variabilis

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: pMS4: pHelper(AvCAST)_entry

Record Creation Time: 20220422T221944+0000

Record Last Update: 20260815T080950+0000

Ratings and Alerts

No rating or validation information has been found for pMS4: pHelper(AvCAST)_entry.

No alerts have been found for pMS4: pHelper(AvCAST)_entry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Hu K, et al. (2024) Distinct horizontal transfer mechanisms for type I and type V CRISPR-associated transposons. Nature communications, 15(1), 6653.

Hu K, et al. (2023) Distinct horizontal transfer mechanisms for type I and type V CRISPR-associated transposons. bioRxiv : the preprint server for biology.