

Resource Summary Report

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

pPEPZ-sgRNAclone

RRID:Addgene_141090

Type: Plasmid

Proper Citation

RRID:Addgene_141090

Plasmid Information

URL: <http://www.addgene.org/141090>

Proper Citation: RRID:Addgene_141090

Insert Name: mCherry

Organism: Synthetic

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:33120116](#)

Vector Backbone Description: Backbone Size:4416; Vector Backbone:pPEPZ; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Spectinomycin

Plasmid Name: pPEPZ-sgRNAclone

Record Creation Time: 20220422T221814+0000

Record Last Update: 20260815T080646+0000

Ratings and Alerts

No rating or validation information has been found for pPEPZ-sgRNAclone.

No alerts have been found for pPEPZ-sgRNAclone.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhang Y, et al. (2025) CRISPRi screen identifies FprB as a synergistic target for gallium therapy in *Pseudomonas aeruginosa*. *Nature communications*, 16(1), 5870.

Liu X, et al. (2024) Genome-wide CRISPRi screens for high-throughput fitness quantification and identification of determinants for dalbavancin susceptibility in *Staphylococcus aureus*. *mSystems*, 9(7), e0128923.

Liu X, et al. (2024) A conserved antigen induces respiratory Th17-mediated broad serotype protection against pneumococcal superinfection. *Cell host & microbe*, 32(3), 304.

de Bakker V, et al. (2022) CRISPRi-seq for genome-wide fitness quantification in bacteria. *Nature protocols*, 17(2), 252.