

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

CROP-sgRNA-MS2

RRID:Addgene_153457

Type: Plasmid

Proper Citation

RRID:Addgene_153457

Plasmid Information

URL: <http://www.addgene.org/153457>

Proper Citation: RRID:Addgene_153457

Insert Name: sgRNA empty backbone

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32634384](#)

Vector Backbone Description: Vector Backbone:CROP-seq; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: CROP-sgRNA-MS2

Record Creation Time: 20220422T221840+0000

Record Last Update: 20260815T080740+0000

Ratings and Alerts

No rating or validation information has been found for CROP-sgRNA-MS2.

No alerts have been found for CROP-sgRNA-MS2.

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](#) .

Pulecio J, et al. (2026) Functional chromatin signatures premark future lineage-specific enhancers. *Cell genomics*, 6(5), 101189.

Taguchi A, et al. (2025) Single-cell activation screen identifies hepatic maturation regulators with zonal resolution. *Developmental cell*.

Dufva O, et al. (2023) Single-cell functional genomics reveals determinants of sensitivity and resistance to natural killer cells in blood cancers. *Immunity*, 56(12), 2816.

Alda-Catalinas C, et al. (2021) Pooled CRISPR-activation screening coupled with single-cell RNA-seq in mouse embryonic stem cells. *STAR protocols*, 2(2), 100426.