

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 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:** 20260725T074027+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 3 mentions in open access literature.

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

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.