

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## pEJS654 All-in-One AAV-sgRNA-hNmeCas9

RRID:Addgene\_112139

Type: Plasmid

### Proper Citation

RRID:Addgene\_112139

### Plasmid Information

**URL:** <http://www.addgene.org/112139>

**Proper Citation:** RRID:Addgene\_112139

**Insert Name:** sgRNA scaffold

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:30231914](#)

**Vector Backbone Description:** Backbone Marker:Feng Zhang; Backbone Size:2880; Vector Backbone:PX551-Plasmid #60957; Vector Types:Mammalian Expression, Mouse Targeting, AAV, CRISPR; Bacterial Resistance:Ampicillin

**Plasmid Name:** pEJS654 All-in-One AAV-sgRNA-hNmeCas9

**Record Creation Time:** 20220422T221546+0000

**Record Last Update:** 20260808T080445+0000

### Ratings and Alerts

No rating or validation information has been found for pEJS654 All-in-One AAV-sgRNA-hNmeCas9.

No alerts have been found for pEJS654 All-in-One AAV-sgRNA-hNmeCas9.

### 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 [SPARC SAWG](#) .

Chen Q, et al. (2025) Engineered AcrIIA5 for optogenetic control of CRISPR-Cas9-based genome editing. *mLife*, 4(6), 697.

Hoffmann MD, et al. (2021) Optogenetic control of *Neisseria meningitidis* Cas9 genome editing using an engineered, light-switchable anti-CRISPR protein. *Nucleic acids research*, 49(5), e29.

Hoffmann MD, et al. (2019) Cell-specific CRISPR-Cas9 activation by microRNA-dependent expression of anti-CRISPR proteins. *Nucleic acids research*, 47(13), e75.