# Resource Summary Report

Generated by dkNET on Sep 20, 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:** 20260919T090528+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 dkNET .

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.