

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

3xFLAG-dCas9/pMXs-neo

RRID:Addgene_51260

Type: Plasmid

Proper Citation

RRID:Addgene_51260

Plasmid Information

URL: <http://www.addgene.org/51260>

Proper Citation: RRID:Addgene_51260

Insert Name: 3xFLAG-dCas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25051498](#)

Vector Backbone Description: Backbone Marker:Hodaka Fujii; Backbone Size:6238; Vector Backbone:pMXs-neo; Vector Types:Mammalian Expression, Retroviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: The coding sequence of 3xFLAG-dCas9 can be cleaved with Pac I and Not I. Construction strategy of gRNA retroviral vectors 1. Cleave gBlock from a gRNA vector constructed using gRNA cloning vector (Addgene #41824) with appropriate restriction enzymes (eg. [Xho I + Hind III], EcoR I). 2. Insert the cleaved gBlock into pSIR-based self-inactivating retroviral vectors. Vectors & Sites of insertion pSIR-neo (Addgene #51128): eg. [Xho I + Hind III] pSIR-GFP (Addgene #51134): eg. [Xho I + Hind III], EcoR I pSIR-DsRed-Express2 (Addgene #51135): eg. [Xho I + Hind III], EcoR I pSIR-hCD2 (Addgene #51143): eg. EcoR I

Plasmid Name: 3xFLAG-dCas9/pMXs-neo

Relevant Mutation: human codon-optimized, D10A + H840A

Record Creation Time: 20220422T222302+0000

Record Last Update: 20260815T081615+0000

Ratings and Alerts

No rating or validation information has been found for 3xFLAG-dCas9/pMXs-neo.

No alerts have been found for 3xFLAG-dCas9/pMXs-neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Tong Y, et al. (2018) MICMIC: identification of DNA methylation of distal regulatory regions with causal effects on tumorigenesis. Genome biology, 19(1), 73.