

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pX330a dCas9-LSD1

RRID:Addgene_92362

Type: Plasmid

Proper Citation

RRID:Addgene_92362

Plasmid Information

URL: <http://www.addgene.org/92362>

Proper Citation: RRID:Addgene_92362

Insert Name: dCas9-LSD1

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29386245](#)

Vector Backbone Description: Backbone Size:4237; Vector Backbone:x330; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: CAS9 transcriptional activators for target specificity screening and paired nickases for cooperative genome engineering. Mali P, Aach J, Stranges PB, Esvelt KM, Moosburner M, Kosuri S, Yang L, Church GM. Nat Biotechnol. 2013 Aug 1. doi: 10.1038/nbt.2675. 10.1038/nbt.2675 PubMed 23907171 Multiplex Genome Engineering Using CRISPR/Cas Systems. Cong L, Ran FA, Cox D, Lin S, Barretto R, Habib N, Hsu PD, Wu X, Jiang W, Marraffini LA, Zhang F. Science. 2013 Jan 3. 10.1126/science.1231143 PubMed 23287718 Locus-specific editing of histone modifications at endogenous enhancers. Mendenhall EM, Williamson KE, Reyon D, Zou JY, Ram O, Joung JK, Bernstein BE. Nat Biotechnol. 2013 Sep 8. doi: 10.1038/nbt.2701. 10.1038/nbt.2701 PubMed 24013198 Please visit <https://www.biorxiv.org/content/early/2017/05/08/135525> for bioRxiv preprint.

Plasmid Name: pX330a dCas9-LSD1

Record Creation Time: 20220422T222624+0000

Record Last Update: 20260815T082229+0000

Ratings and Alerts

No rating or validation information has been found for pX330a dCas9-LSD1.

No alerts have been found for pX330a dCas9-LSD1.

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](#) .

Marx N, et al. (2021) Enhanced targeted DNA methylation of the CMV and endogenous promoters with dCas9-DNMT3A3L entails distinct subsequent histone modification changes in CHO cells. Metabolic engineering, 66, 268.