

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[pLentiGuide](#)

RRID:Addgene_117986

Type: Plasmid

Proper Citation

RRID:Addgene_117986

Plasmid Information

URL: <http://www.addgene.org/117986>

Proper Citation: RRID:Addgene_117986

Insert Name: sgRNA backbone (F+E)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30580963](#)

Vector Backbone Description: Vector Backbone:pCESAx (Addgene 59986); Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Users should follow the oligo cloning protocol for plasmid lentiCRISPR v2 (Addgene #52961) to 1) remove stuffer fragment and 2) insert annealed oligos to complete gRNA.

Plasmid Name: pLentiGuide

Record Creation Time: 20220422T221617+0000

Record Last Update: 20260829T075253+0000

Ratings and Alerts

No rating or validation information has been found for pLentiGuide.

No alerts have been found for pLentiGuide.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Nag D, et al. (2026) A single mycobacterial ligand organizes multi-receptor signaling to reprogram macrophage lipid metabolism. *bioRxiv : the preprint server for biology*.

Jana S, et al. (2026) Collagen-Bearing Exosomes from Breast Cancer-Associated Fibroblasts Promote T-cell Dysfunction. *Cancer research communications*, 6(3), 630.

Miao W, et al. (2025) DDX50 cooperates with STAU1 to effect stabilization of pro-differentiation RNAs. *Cell reports*, 44(1), 115174.

Lopez-Pajares V, et al. (2025) Glucose modulates IRF6 transcription factor dimerization to enable epidermal differentiation. *Cell stem cell*, 32(5), 795.

Guo MG, et al. (2023) Integrative analyses highlight functional regulatory variants associated with neuropsychiatric diseases. *Nature genetics*, 55(11), 1876.

Deleuze V, et al. (2023) Efficient genome editing in erythroid cells unveils novel MYB target genes and regulatory functions. *iScience*, 26(9), 107641.

Sporbeck K, et al. (2023) The ABL-MYC axis controls WIPI1-enhanced autophagy in lifespan extension. *Communications biology*, 6(1), 872.

Dunham D, et al. (2022) Expression Ratios of the Antiapoptotic BCL2 Family Members Dictate the Selective Addiction of Kaposi's Sarcoma-Associated Herpesvirus-Transformed Primary Effusion Lymphoma Cell Lines to MCL1. *Journal of virology*, 96(23), e0136022.

Friskes A, et al. (2022) Double-strand break toxicity is chromatin context independent. *Nucleic acids research*, 50(17), 9930.

Stransky LA, et al. (2022) Sensitivity of VHL mutant kidney cancers to HIF2 inhibitors does not require an intact p53 pathway. *Proceedings of the National Academy of Sciences of the United States of America*, 119(14), e2120403119.

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. *Molecular cell*, 82(24), 4627.

Evans LT, et al. (2021) ANKRD26 recruits PIDD1 to centriolar distal appendages to activate the PIDDosome following centrosome amplification. *The EMBO journal*, 40(4), e105106.

Zhang Y, et al. (2021) The incorporation loci of H3.3K36M determine its preferential prevalence in chondroblastomas. *Cell death & disease*, 12(4), 311.

Kovalski JR, et al. (2019) The Functional Proximal Proteome of Oncogenic Ras Includes mTORC2. *Molecular cell*, 73(4), 830.