

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 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: 20260815T080259+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 [PRECISE-TBI](#) .

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.

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

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

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.