

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

pXPR_047

RRID:Addgene_107145

Type: Plasmid

Proper Citation

RRID:Addgene_107145

Plasmid Information

URL: <http://www.addgene.org/107145>

Proper Citation: RRID:Addgene_107145

Insert Name: GFP + sgRNA for GFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pXPR_047; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: gRNA sequence is GGTGAACCGCATCGAGCTGA pLKO TRC v2 library vector, Puro selection and eGFP expression.

Plasmid Name: pXPR_047

Record Creation Time: 20220422T221519+0000

Record Last Update: 20260815T080107+0000

Ratings and Alerts

No rating or validation information has been found for pXPR_047.

No alerts have been found for pXPR_047.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Gonzales F, et al. (2026) Identifying targeted therapies for CBFA2T3::GLIS2 acute myeloid leukemia. *Leukemia*, 40(2), 383.

Wiggers CRM, et al. (2025) Genome-wide CRISPR screen identifies IRF1 and TFAP4 as transcriptional regulators of Galectin-9 in T cell acute lymphoblastic leukemia. *Science advances*, 11(12), eads8351.

Muscolini M, et al. (2023) A Genome-Wide CRISPR-Cas9 Loss-of-Function Screening to Identify Host Restriction Factors Modulating Oncolytic Virotherapy. *Methods in molecular biology* (Clifton, N.J.), 2589, 379.

Huang Y, et al. (2023) EZH2 Cooperates with BRD4-NUT to Drive NUT Carcinoma Growth by Silencing Key Tumor Suppressor Genes. *Cancer research*, 83(23), 3956.

Kwanten B, et al. (2022) Target Identification of Small Molecules Using Large-Scale CRISPR-Cas Mutagenesis Scanning of Essential Genes. *Methods in molecular biology* (Clifton, N.J.), 2377, 43.

Rebendenne A, et al. (2022) Bidirectional genome-wide CRISPR screens reveal host factors regulating SARS-CoV-2, MERS-CoV and seasonal HCoVs. *Nature genetics*, 54(8), 1090.

Li R, et al. (2022) Comparative optimization of combinatorial CRISPR screens. *Nature communications*, 13(1), 2469.

Hu H, et al. (2021) Targeting the Atf7ip-Setdb1 Complex Augments Antitumor Immunity by Boosting Tumor Immunogenicity. *Cancer immunology research*, 9(11), 1298.

Rebendenne A, et al. (2021) SARS-CoV-2 triggers an MDA-5-dependent interferon response which is unable to control replication in lung epithelial cells. *Journal of virology*, 95(8).

Rebendenne A, et al. (2021) Bidirectional genome-wide CRISPR screens reveal host factors regulating SARS-CoV-2, MERS-CoV and seasonal HCoVs. *Research square*.

Li H, et al. (2019) 6-Phosphogluconate Dehydrogenase Links Cytosolic Carbohydrate Metabolism to Protein Secretion via Modulation of Glutathione Levels. *Cell chemical biology*, 26(9), 1306.