

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

pXPR_053

RRID:Addgene_113591

Type: Plasmid

Proper Citation

RRID:Addgene_113591

Plasmid Information

URL: <http://www.addgene.org/113591>

Proper Citation: RRID:Addgene_113591

Insert Name: sgRNA cloning site

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30971695](#)

Vector Backbone Description: Backbone Marker:Broad Institute; Backbone Size:5180; Vector Backbone:pLX_TRC931; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pXPR_053

Record Creation Time: 20220422T221554+0000

Record Last Update: 20260815T080213+0000

Ratings and Alerts

No rating or validation information has been found for pXPR_053.

No alerts have been found for pXPR_053.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

LaFleur MW, et al. (2024) X-CHIME enables combinatorial, inducible, lineage-specific and sequential knockout of genes in the immune system. *Nature immunology*, 25(1), 178.

Benguigui M, et al. (2024) Interferon-stimulated neutrophils as a predictor of immunotherapy response. *Cancer cell*, 42(2), 253.

Drijvers JM, et al. (2021) Pharmacologic Screening Identifies Metabolic Vulnerabilities of CD8+ T Cells. *Cancer immunology research*, 9(2), 184.

Evavold CL, et al. (2021) Control of gasdermin D oligomerization and pyroptosis by the Regulator-Rag-mTORC1 pathway. *Cell*, 184(17), 4495.

LaFleur MW, et al. (2019) PTPN2 regulates the generation of exhausted CD8+ T cell subpopulations and restrains tumor immunity. *Nature immunology*, 20(10), 1335.