

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Human Kinase Domain-Focused CRISPR Knockout Library

RRID:Addgene_117725

Type: Plasmid

Proper Citation

RRID:Addgene_117725

Plasmid Information

URL: <http://www.addgene.org/117725>

Proper Citation: RRID:Addgene_117725

Insert Name: Human CRISPR Lentiviral Pooled Library against 496 kinase domains

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29526696](#)

Vector Backbone Description: Vector Backbone:LRG2.1; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: Human Kinase Domain-Focused CRISPR Knockout Library

Record Creation Time: 20220422T221616+0000

Record Last Update: 20260725T073610+0000

Ratings and Alerts

No rating or validation information has been found for Human Kinase Domain-Focused CRISPR Knockout Library.

No alerts have been found for Human Kinase Domain-Focused CRISPR Knockout Library.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Liu M, et al. (2025) Targeting HASPIN kinase disrupts SR protein-mediated RNA splicing and synergizes with BCL-2 inhibitor venetoclax in AML. Blood neoplasia, 2(3), 100107.

Madorsky Rowdo FP, et al. (2025) Kinome-Focused CRISPR-Cas9 Screens in African Ancestry Patient-Derived Breast Cancer Organoids Identify Essential Kinases and Synergy of EGFR and FGFR1 Inhibition. Cancer research, 85(3), 551.

Wright S, et al. (2023) Interrogating bromodomain inhibitor resistance in KMT2A-rearranged leukemia through combinatorial CRISPR screens. Proceedings of the National Academy of Sciences of the United States of America, 120(16), e2220134120.