

Resource Summary Report

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

Mouse Brie kinome pooled library, guides 1-4 in lentiGuide-Puro backbone

RRID:Addgene_75316

Type: Plasmid

Proper Citation

RRID:Addgene_75316

Plasmid Information

URL: <http://www.addgene.org/75316>

Proper Citation: RRID:Addgene_75316

Insert Name: 2,852 unique sgRNAs targeting 713 mouse kinase genes along with 100 non-targeting controls

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26780180](#)

Vector Backbone Description: Vector Backbone:lentiGuide-Puro; Vector Types;; Bacterial Resistance:Ampicillin

Plasmid Name: Mouse Brie kinome pooled library, guides 1-4 in lentiGuide-Puro backbone

Record Creation Time: 20220422T222457+0000

Record Last Update: 20260829T081020+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Brie kinome pooled library, guides 1-4 in lentiGuide-Puro backbone.

No alerts have been found for Mouse Brie kinome pooled library, guides 1-4 in lentiGuide-Puro backbone.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Gui L, et al. (2025) Targeting the mevalonate pathway potentiates NUAK1 inhibition-induced immunogenic cell death and antitumor immunity. *Cell reports. Medicine*, 6(2), 101913.

Rogava M, et al. (2024) Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway activation. *Nature cancer*, 5(3), 433.

Zhang S, et al. (2024) Roflumilast inhibits tumor growth and migration in STK11/LKB1 deficient pancreatic cancer. *Cell death discovery*, 10(1), 124.

Pandey GK, et al. (2023) Genetic screens reveal new targetable vulnerabilities in BAP1-deficient mesothelioma. *Cell reports. Medicine*, 4(2), 100915.

Zhang J, et al. (2023) Impact of CRISPR/Cas9-Mediated CD73 Knockout in Pancreatic Cancer. *Cancers*, 15(19).

Lan B, et al. (2022) CRISPR-Cas9 Screen Identifies DYRK1A as a Target for Radiotherapy Sensitization in Pancreatic Cancer. *Cancers*, 14(2).

Zeng S, et al. (2022) CDK7 inhibition augments response to multidrug chemotherapy in pancreatic cancer. *Journal of experimental & clinical cancer research : CR*, 41(1), 241.

Yau EH, et al. (2018) Next-Generation Sequencing of Genome-Wide CRISPR Screens. *Methods in molecular biology* (Clifton, N.J.), 1712, 203.

Piccioni F, et al. (2018) Pooled Lentiviral-Delivery Genetic Screens. *Current protocols in molecular biology*, 121, 32.1.1.