

# Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

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

RRID:Addgene\_75316

Type: Plasmid

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### Proper Citation

RRID:Addgene\_75316

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### 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:** 20260902T050136+0000

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### 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.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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.