

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B52 (empty plasmid backbone to express 2 sgRNAs)

RRID:Addgene_100708

Type: Plasmid

Proper Citation

RRID:Addgene_100708

Plasmid Information

URL: <http://www.addgene.org/100708>

Proper Citation: RRID:Addgene_100708

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28890334](#)

Vector Backbone Description: Backbone Size:2633; Vector Backbone:B52 (MLM3636 plasmid backbone modified to express 2 sgRNAs); Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: B52 (empty plasmid backbone to express 2 sgRNAs)

Record Creation Time: 20220422T221449+0000

Record Last Update: 20260912T091339+0000

Ratings and Alerts

No rating or validation information has been found for B52 (empty plasmid backbone to express 2 sgRNAs).

No alerts have been found for B52 (empty plasmid backbone to express 2 sgRNAs).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Sattarov R, et al. (2025) The Template-Jumping Editing Approach in F9-Associated Hemophilia B Gene Therapy. International journal of molecular sciences, 26(24).

Liebau RC, et al. (2024) Transcription-Coupled Repair of DNA Interstrand Crosslinks by UVSSA. bioRxiv : the preprint server for biology.

Ali T, et al. (2023) Fendrr synergizes with Wnt signalling to regulate fibrosis related genes during lung development via its RNA:dsDNA triplex element. Nucleic acids research, 51(12), 6227.

He C, et al. (2023) Engineered extracellular vesicles mediated CRISPR-induced deficiency of IQGAP1/FOXO1 reverses sorafenib resistance in HCC by suppressing cancer stem cells. Journal of nanobiotechnology, 21(1), 154.

Parkinson J, et al. (2023) Engineering human JMJD2A tudor domains for an improved understanding of histone peptide recognition. Proteins, 91(1), 32.

Sato M, et al. (2021) The UVSSA complex alleviates MYC-driven transcription stress. The Journal of cell biology, 220(2).

Billon P, et al. (2020) Detection of Marker-Free Precision Genome Editing and Genetic Variation through the Capture of Genomic Signatures. Cell reports, 30(10), 3280.

Nambiar TS, et al. (2019) Stimulation of CRISPR-mediated homology-directed repair by an engineered RAD51 variant. Nature communications, 10(1), 3395.