

Resource Summary Report

Generated by [kravitz2](#) on Sep 1, 2026

Human Lentiviral sgRNA Library - Unknown Function

RRID:Addgene_51043

Type: Plasmid

Proper Citation

RRID:Addgene_51043

Plasmid Information

URL: <http://www.addgene.org/51043>

Proper Citation: RRID:Addgene_51043

Insert Name: sgRNA library (enriched for genes of unknown function)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24336569](https://pubmed.ncbi.nlm.nih.gov/24336569/)

Vector Backbone Description: Backbone Marker:based on pLX304 (Root lab); Backbone Size:7500; Vector Backbone:pLX-sgRNA; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: The library is supplied as pooled DNA. You will receive 1 microgram of DNA in a volume of ~20 microliters. IMPORTANT NOTE: Though each sub-pool is enriched for its respective target sgRNAs, they are not exclusive and elements of the entire library may be present in each sub-pool. The backbone of this library is pLX-sgRNA (<http://www.addgene.org/50662>). See map below.

Plasmid Name: Human Lentiviral sgRNA Library - Unknown Function

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260829T080637+0000

Ratings and Alerts

No rating or validation information has been found for Human Lentiviral sgRNA Library - Unknown Function.

No alerts have been found for Human Lentiviral sgRNA Library - Unknown Function.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhou Z, et al. (2022) An inducible CRISPR/Cas9 screen identifies DTX2 as a transcriptional regulator of human telomerase. iScience, 25(2), 103813.

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