

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

M-ST1-sgRNA

RRID:Addgene_48672

Type: Plasmid

Proper Citation

RRID:Addgene_48672

Plasmid Information

URL: <http://www.addgene.org/48672>

Proper Citation: RRID:Addgene_48672

Insert Name: sgRNA targeting GTCCCCTCCACCCCACAGTG, compatible with S. thermophilus #1 Cas9, hU6 promoter

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24076762](https://pubmed.ncbi.nlm.nih.gov/24076762/)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pCR-BluntII-TOPO; Vector Types:CRISPR; Bacterial Resistance:Kanamycin

Plasmid Name: M-ST1-sgRNA

Record Creation Time: 20220422T222250+0000

Record Last Update: 20260815T081552+0000

Ratings and Alerts

No rating or validation information has been found for M-ST1-sgRNA.

No alerts have been found for M-ST1-sgRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kostyushev D, et al. (2019) Orthologous CRISPR/Cas9 systems for specific and efficient degradation of covalently closed circular DNA of hepatitis B virus. Cellular and molecular life sciences : CMLS, 76(9), 1779.

Fuchsbauer O, et al. (2019) Cas9 Allosteric Inhibition by the Anti-CRISPR Protein AcrIIA6. Molecular cell, 76(6), 922.

Chavez A, et al. (2015) Highly efficient Cas9-mediated transcriptional programming. Nature methods, 12(4), 326.

Kiani S, et al. (2015) Cas9 gRNA engineering for genome editing, activation and repression. Nature methods, 12(11), 1051.