

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 2, 2025

lenti sgRNA(MS2)_puro optimized backbone

RRID:Addgene_73797

Type: Plasmid

Proper Citation

RRID:Addgene_73797

Plasmid Information

URL: <http://www.addgene.org/73797>

Proper Citation: RRID:Addgene_73797

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28333914](#)

Vector Backbone Description: Backbone Size:8162; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: lenti sgRNA(MS2)_puro optimized backbone

Record Creation Time: 20220422T222451+0000

Record Last Update: 20231115T080925+0000

Ratings and Alerts

No rating or validation information has been found for lenti sgRNA(MS2)_puro optimized backbone.

No alerts have been found for lenti sgRNA(MS2)_puro optimized backbone.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](https://fdilab.sci crunch.org).

Yang L, et al. (2024) Uncovering receptor-ligand interactions using a high-avidity CRISPR activation screening platform. Science advances, 10(7), eadj2445.

Petazzi P, et al. (2024) A novel human pluripotent stem cell gene activation system identifies IGFBP2 as a mediator in the production of haematopoietic progenitors in vitro. eLife, 13.

Wang J, et al. (2024) Crosstalk of MAP3K1 and EGFR signaling mediates gene-environment interactions that block developmental tissue closure. The Journal of biological chemistry, 300(7), 107486.

Kimura E, et al. (2024) MAP3K1 regulates female reproductive tract development. Disease models & mechanisms, 17(3).

Ren S, et al. (2024) PAPAS promotes differentiation of mammary epithelial cells and suppresses breast carcinogenesis. Cell reports, 43(1), 113644.

Walsh RM, et al. (2024) Generation of human cerebral organoids with a structured outer subventricular zone. Cell reports, 43(4), 114031.