

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

sgLenti-orthogonal

RRID:Addgene_105997

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/105997>

Proper Citation: RRID:Addgene_105997

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29334369](#)

Vector Backbone Description: Vector Backbone:pBR322; Vector Types:Mammalian Expression, Lentiviral, CRISPR, S.pyogenes sgRNA expression vector; Bacterial Resistance:Ampicillin

Comments: Dual sgRNA vector to express one sgRNA for S.pyogenes Cas9 and one sgRNA for S.aureus Cas9. Cloning is done in two steps: 1.) AarI digest to clone the S.pyogenes sgRNA and after preparation of the successfully cloned plasmid 2.) BfuAI digest followed by cloning of the S.aureus sgRNA.

Plasmid Name: sgLenti-orthogonal

Record Creation Time: 20220422T221514+0000

Record Last Update: 20260912T091421+0000

Ratings and Alerts

No rating or validation information has been found for sgLenti-orthogonal.

No alerts have been found for sgLenti-orthogonal.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

El Kassem G, et al. (2025) Evaluation of Cas13d as a tool for genetic interaction mapping. Nature communications, 16(1), 1631.