

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## 8xCTS1\_deltaC55A-hutRNApro\_BsmBplch-sgRNA\_14nt Buffer\_delta-hutRNApro\_SV40polyA

RRID:Addgene\_124544

Type: Plasmid

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### Proper Citation

RRID:Addgene\_124544

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### Plasmid Information

**URL:** <http://www.addgene.org/124544>

**Proper Citation:** RRID:Addgene\_124544

**Insert Name:** deltaC55A-hutRNApro\_BsmBplch-sgRNA\_14nt Buffer\_delta-hutRNApro

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:30940799](#)

**Vector Backbone Description:** Vector Backbone:P1-EYFP-pA (Construct 5) (Addgene: 55197); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Engineered tRNA scaffold-flanked sgRNA with a BsmBI cloning site for spacer cloning. The flanking variants show low/absent background with moderate guide release capability. Enhancer elements can be exchanged using the NheI site, and promoter/enhancer region can be changed using NcoI NheI double digestion. Please visit <https://www.biorxiv.org/content/10.1101/342485v1> for BioRxiv preprint.

**Plasmid Name:** 8xCTS1\_deltaC55A-hutRNApro\_BsmBplch-sgRNA\_14nt Buffer\_delta-hutRNApro\_SV40polyA

**Relevant Mutation:** d11-41 C55A, d11-41

**Record Creation Time:** 20220422T221653+0000

**Record Last Update:** 20260725T073714+0000

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### Ratings and Alerts

No rating or validation information has been found for 8xCTS1\_deltaC55A-hutRNApro\_BsmBplch-sgRNA\_14nt Buffer\_delta-hutRNApro\_SV40polyA.

No alerts have been found for 8xCTS1\_deltaC55A-hutRNApro\_BsmBplch-sgRNA\_14nt Buffer\_delta-hutRNApro\_SV40polyA.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.