

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

## pU6-sgRNA Ef1alpha Puro-T2A-GFP

RRID:Addgene\_111596

Type: Plasmid

### Proper Citation

RRID:Addgene\_111596

### Plasmid Information

**URL:** <http://www.addgene.org/111596>

**Proper Citation:** RRID:Addgene\_111596

**Insert Name:** mU6-sgRNA

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:30033366](#)

**Vector Backbone Description:** Backbone Marker:Addgene; Backbone Size:8200; Vector Backbone:pSICO derivative; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

**Comments:** Addgene NGS results identified a V163A variant in EGFP, which does not affect plasmid function.

**Plasmid Name:** pU6-sgRNA Ef1alpha Puro-T2A-GFP

**Record Creation Time:** 20220422T221543+0000

**Record Last Update:** 20260725T073510+0000

### Ratings and Alerts

No rating or validation information has been found for pU6-sgRNA Ef1alpha Puro-T2A-GFP.

No alerts have been found for pU6-sgRNA Ef1alpha Puro-T2A-GFP.

### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Raaijmakers JA, et al. (2025) SRBD1, a highly conserved gene required for chromosome individualization. Cell reports, 44(4), 115443.

Fielden J, et al. (2025) Comprehensive interrogation of synthetic lethality in the DNA damage response. Nature, 640(8060), 1093.

Parikh SJ, et al. (2025) Targeted Control of Gene Expression Using CRISPR-Associated Endoribonucleases. Cells, 14(7).

Yuan L, et al. (2025) Mitochondrial activity tunes nociceptor resilience to excitotoxicity. Cell.

Maresca M, et al. (2023) Pioneer activity distinguishes activating from non-activating SOX2 binding sites. The EMBO journal, 42(20), e113150.

Simpson D, et al. (2023) Mapping the Genetic Interaction Network of PARP inhibitor Response. bioRxiv : the preprint server for biology.

Wang B, et al. (2023) SATB1 regulates 3D genome architecture in T??cells by constraining chromatin interactions surrounding CTCF-binding sites. Cell reports, 42(4), 112323.

Attenello FJ, et al. (2021) In vivo CRISPR screening for novel noncoding RNA functional targets in glioblastoma models. Journal of neuroscience research, 99(9), 2029.