

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 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: 20260808T080440+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](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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.

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

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

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.