

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 1, 2025

[pU6-sgRNA EF1Alpha-puro-T2A-BFP](#)

RRID:Addgene_60955

Type: Plasmid

Proper Citation

RRID:Addgene_60955

Plasmid Information

URL: <http://www.addgene.org/60955>

Proper Citation: RRID:Addgene_60955

Insert Name: sgGFP-NT2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25307932](https://pubmed.ncbi.nlm.nih.gov/25307932/)

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

Comments:

Plasmid Name: pU6-sgRNA EF1Alpha-puro-T2A-BFP

Record Creation Time: 20220422T222350+0000

Record Last Update: 20231115T080844+0000

Ratings and Alerts

No rating or validation information has been found for pU6-sgRNA EF1Alpha-puro-T2A-BFP.

No alerts have been found for pU6-sgRNA EF1Alpha-puro-T2A-BFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Gao L, et al. (2024) Selective gene expression maintains human tRNA anticodon pools during differentiation. *Nature cell biology*, 26(1), 100.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. *Developmental cell*, 59(16), 2203.

Zhang R, et al. (2024) Protocol for mass spectrometric profiling of lysine malonylation by lysine acetyltransferase in CRISPRi K562 cell lines. *STAR protocols*, 5(2), 103074.

Damhofer H, et al. (2024) TAK1 inhibition leads to RIPK1-dependent apoptosis in immune-activated cancers. *Cell death & disease*, 15(4), 273.

Policarpi C, et al. (2024) Systematic epigenome editing captures the context-dependent instructive function of chromatin modifications. *Nature genetics*, 56(6), 1168.

Chidley C, et al. (2024) A CRISPRi/a screening platform to study cellular nutrient transport in diverse microenvironments. *Nature cell biology*, 26(5), 825.

Cirincione A, et al. (2024) A benchmarked, high-efficiency prime editing platform for multiplexed dropout screening. *bioRxiv : the preprint server for biology*.

Arriaga JM, et al. (2024) In vivo genome-wide CRISPR screening identifies CITED2 as a driver of prostate cancer bone metastasis. *Oncogene*, 43(17), 1303.

Bi S, et al. (2024) The sirtuin-associated human senescence program converges on the activation of placenta-specific gene PAPPA. *Developmental cell*.

Tsung K, et al. (2024) CRISPRi screen of long non-coding RNAs identifies LINC03045 regulating glioblastoma invasion. *PLoS genetics*, 20(6), e1011314.

Yan J, et al. (2024) Improving prime editing with an endogenous small RNA-binding protein. *Nature*, 628(8008), 639.

Lee JS, et al. (2024) An ultraconserved snoRNA-like element in long noncoding RNA CRNDE promotes ribosome biogenesis and cell proliferation. *bioRxiv : the preprint server for biology*.

Zhang R, et al. (2023) Histone malonylation is regulated by SIRT5 and KAT2A. *iScience*, 26(3), 106193.

Landshammer A, et al. (2023) T-REX17 is a transiently expressed non-coding RNA essential for human endoderm formation. *eLife*, 12.

Hirata Y, et al. (2023) Lipid peroxidation increases membrane tension, Piezo1 gating, and cation permeability to execute ferroptosis. *Current biology : CB*, 33(7), 1282.

Jing Y, et al. (2023) Genome-wide CRISPR activation screening in senescent cells reveals SOX5 as a driver and therapeutic target of rejuvenation. *Cell stem cell*, 30(11), 1452.

Yang J, et al. (2023) Sequential genome-wide CRISPR-Cas9 screens identify genes regulating cell-surface expression of tetraspanins. *Cell reports*, 42(2), 112065.

Pastor S, et al. (2023) Production of CRISPRi-engineered primary human mammary epithelial cells with baboon envelope pseudotyped lentiviral vectors. *STAR protocols*, 4(1), 102055.

Wei TT, et al. (2022) Cannabinoid receptor 1 antagonist genistein attenuates marijuana-induced vascular inflammation. *Cell*, 185(10), 1676.

Cai W, et al. (2022) A Genome-Wide Screen Identifies PDPK1 as a Target to Enhance the Efficacy of MEK1/2 Inhibitors in NRAS Mutant Melanoma. *Cancer research*, 82(14), 2625.