

Resource Summary Report

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

FgH1tUTG

RRID:Addgene_70183

Type: Plasmid

Proper Citation

RRID:Addgene_70183

Plasmid Information

URL: <http://www.addgene.org/70183>

Proper Citation: RRID:Addgene_70183

Insert Name: H1-Tet-sgrna cassette

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25732831](#)

Vector Backbone Description: Backbone Marker:David Baltimore; Backbone Size:9940; Vector Backbone:FUGW; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: FgH1tUTG

Record Creation Time: 20220422T222434+0000

Record Last Update: 20260829T080930+0000

Ratings and Alerts

No rating or validation information has been found for FgH1tUTG.

No alerts have been found for FgH1tUTG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 80 mentions in open access literature.

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

Gonzales F, et al. (2026) Identifying targeted therapies for CBFA2T3::GLIS2 acute myeloid leukemia. *Leukemia*, 40(2), 383.

Patton T, et al. (2026) cGAS/STING sensing in dendritic cells discriminates between daptomycin sensitive and resistant *Staphylococcus aureus* clinical isolates. *iScience*, 29(6), 115854.

Lindsay J, et al. (2026) Defining the Functional Role and Potential as an Immunotherapeutic Target of ALCAM in Neuroblastoma. *Molecular cancer therapeutics*, 25(4), 635.

Ouyang H, et al. (2026) Genome-Scale CRISPR Screens Reveal DNA Repair Dependencies That Sensitize Hepatocellular Carcinoma to Oxaliplatin. *Cancers*, 18(9).

Lewis AC, et al. (2026) Inhibition of heme biosynthesis triggers cuproptosis in acute myeloid leukemia. *Cell*, 189(1), 215.

Gong JN, et al. (2025) Re-appraising assays on permeabilized blood cancer cells testing venetoclax or other BH3 mimetic agents selectively targeting pro-survival BCL2 proteins. *Cell death and differentiation*, 32(8), 1382.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. *Molecular cell*, 85(17), 3256.

Samarakoon Y, et al. (2025) UNC119 regulates T-cell receptor signalling in primary T cells and T acute lymphocytic leukaemia. *Life science alliance*, 8(3).

Zheng S, et al. (2025) Phosphorylation of plectin by Akt3 promotes triple-negative breast cancer cell invasive migration. *iScience*, 28(10), 113552.

Li K, et al. (2025) Differential regulation of BAX and BAK apoptotic activity revealed by small molecules. *Science advances*, 11(10), eadr8146.

Zhang LP, et al. (2025) Both direct and indirect suppression of MCL1 synergizes with BCLXL inhibition in preclinical models of gastric cancer. *Cell death & disease*, 16(1), 170.

Madan B, et al. (2024) The cholesterol biosynthesis enzyme FAXDC2 couples Wnt/?-catenin to RTK/MAPK signaling. *The Journal of clinical investigation*, 134(6).

Matsui S, et al. (2024) Pioneer and PRDM transcription factors coordinate bivalent epigenetic states to safeguard cell fate. *Molecular cell*, 84(3), 476.

Dibra D, et al. (2024) Mutant p53 protects triple-negative breast adenocarcinomas from ferroptosis in vivo. *Science advances*, 10(7), eadk1835.

Diepstraten ST, et al. (2024) Putting the STING back into BH3-mimetic drugs for TP53-mutant blood cancers. *Cancer cell*, 42(5), 850.

Xiong S, et al. (2024) Super enhancer acquisition drives expression of oncogenic PPP1R15B that regulates protein homeostasis in multiple myeloma. *Nature communications*, 15(1), 6810.

Zhong Z, et al. (2024) Recurrent mutations in tumor suppressor FBXW7 bypass Wnt/ β -catenin addiction in cancer. *Science advances*, 10(14), eadk1031.

Beauchamp E, et al. (2024) Multiomics analysis identifies oxidative phosphorylation as a cancer vulnerability arising from myristoylation inhibition. *Journal of translational medicine*, 22(1), 431.

Ziman B, et al. (2024) Epigenomic analyses identify FOXM1 as a key regulator of anti-tumor immune response in esophageal adenocarcinoma. *Cell death & disease*, 15(2), 152.

Wu X, et al. (2024) Mutational profiling of SARS-CoV-2 papain-like protease reveals requirements for function, structure, and drug escape. *Nature communications*, 15(1), 6219.