Resource Summary Report

Generated by NIF on Jul 30, 2026

pT/Caggs-NRASV12

RRID:Addgene_20205
Type: Plasmid

Proper Citation

RRID:Addgene_20205

Plasmid Information

URL: http://www.addgene.org/20205

Proper Citation: RRID:Addgene_20205

Insert Name: NRas

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:19147555

Vector Backbone Description: Backbone Marker:Ohlfest Lab; Backbone Size:5607; Vector Backbone:colE1/ampR; Vector Types:Transposon; Bacterial Resistance:Ampicillin

Plasmid Name: pT/Caggs-NRASV12

Relevant Mutation: G12V

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260725T074416+0000

Ratings and Alerts

No rating or validation information has been found for pT/Caggs-NRASV12.

No alerts have been found for pT/Caggs-NRASV12.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Maggiore G, et al. (2025) Chemoprevention of hepatocellular carcinoma using N-acetylgalactosamine-conjugated siRNAs. Disease models & mechanisms, 18(8).

Yuan S, et al. (2025) VDAC2 loss elicits tumour destruction and inflammation for cancer therapy. Nature, 640(8060), 1062.

Tay RE, et al. (2025) Serotonin receptor 5-HT2A as a potential target for HCC immunotherapy. Journal for immunotherapy of cancer, 13(6).

Liu ZY, et al. (2025) Efflux of N1-acetylspermidine from hepatoma fosters macrophage-mediated immune suppression to dampen immunotherapeutic efficacy. Immunity, 58(6), 1572.

Tian W, et al. (2025) GCDH Acetylation Orchestrates DNA Damage Response and Autophagy via Mitochondrial ROS to Suppress Hepatocellular Carcinoma Progression. Research (Washington, D.C.), 8, 0862.

Gu L, et al. (2025) FBP1 controls liver cancer evolution from senescent MASH hepatocytes. Nature, 637(8045), 461.

Ye L, et al. (2025) Nuclear-localized HKDC1 promotes hepatocellular carcinoma through phosphorylating RBBP5 to upregulate H3K4me3. Cell reports, 44(2), 115250.

Wang S, et al. (2025) The Role of the Hexosamine-Sialic Acid Metabolic Pathway Mediated by GFPT1/NANS in c-Myc-Driven Hepatocellular Carcinoma. Cellular and molecular gastroenterology and hepatology, 19(9), 101523.

Tao J, et al. (2025) Generation of a spontaneous murine HPV + oral cancer model with site-specific oncogene insertion using CRISPR-SONIC. Cell & bioscience, 15(1), 84.

Shi G, et al. (2025) GFRAL-Fc disarms GDF15 to reprogram tumor immunity and amplify PD-1 efficacy in hepatocellular carcinoma. Cell communication and signaling : CCS, 23(1), 440.

Cheng Y, et al. (2024) A non-canonical role for a small nucleolar RNA in ribosome biogenesis and senescence. Cell, 187(17), 4770.

Odawara T, et al. (2024) Apoptosis signal-regulating kinase 1 promotes inflammation in senescence and aging. Communications biology, 7(1), 691.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. Cancer cell, 42(12), 2082.

Peng H, et al. (2022) N6-methyladenosine (m6A) in 18S rRNA promotes fatty acid metabolism and oncogenic transformation. Nature metabolism, 4(8), 1041.

Haase S, et al. (2022) H3.3-G34 mutations impair DNA repair and promote cGAS/STING-mediated immune responses in pediatric high-grade glioma models. The Journal of clinical investigation, 132(22).

Lo CF, et al. (2022) Targeting the Phosphatidylserine-Immune Checkpoint with a Small-Molecule Maytansinoid Conjugate. Journal of medicinal chemistry, 65(19), 12802.

Ando S, et al. (2022) JCI?20679 suppresses the proliferation of glioblastoma stem cells by activating AMPK and decreasing NFATc2 expression levels. Molecular medicine reports, 26(1).

Cheng YH, et al. (2022) Novel Paired Cell Lines for the Study of Lipid Metabolism and Cancer Stemness of Hepatocellular Carcinoma. Frontiers in cell and developmental biology, 10, 821224.

Wu M, et al. (2021) WSX1 act as a tumor suppressor in hepatocellular carcinoma by downregulating neoplastic PD-L1 expression. Nature communications, 12(1), 3500.

Chen Z, et al. (2021) METTL1 promotes hepatocarcinogenesis via m7 G tRNA modification-dependent translation control. Clinical and translational medicine, 11(12), e661.