Resource Summary Report

Generated by NIF on Sep 17, 2026

pGL3-OF (mutant TCF-4 sites)

RRID:Addgene_16559
Type: Plasmid

Proper Citation

RRID:Addgene_16559

Plasmid Information

URL: http://www.addgene.org/16559

Proper Citation: RRID:Addgene_16559

Insert Name: TCF-4 binding sites

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:10749138

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4800; Vector Backbone:pGL3-Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: TCF-4 mutant binding sequence - CCTTTGGC

Plasmid Name: pGL3-OF (mutant TCF-4 sites)

Relevant Mutation: 3 copies of mutant Tcf-4 binding sites

Record Creation Time: 20220422T221934+0000

Record Last Update: 20260912T092218+0000

Ratings and Alerts

No rating or validation information has been found for pGL3-OF (mutant TCF-4 sites).

No alerts have been found for pGL3-OF (mutant TCF-4 sites).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

He S, et al. (2021) FAM83B inhibits ovarian cancer cisplatin resistance through inhibiting Wnt pathway. Oncogenesis, 10(1), 6.

Liu B, et al. (2021) Exosome-derived microRNA-433 inhibits tumorigenesis through incremental infiltration of CD4 and CD8 cells in non-small cell lung cancer. Oncology letters, 22(2), 607.

Ping MH, et al. (2020) Hyperin Controls the Development and Therapy of Gastric Cancer via Regulating Wnt/?-Catenin Signaling. Cancer management and research, 12, 11773.

Zheng L, et al. (2018) CHAF1A interacts with TCF4 to promote gastric carcinogenesis via upregulation of c-MYC and CCND1 expression. EBioMedicine, 38, 69.

Zhang T, et al. (2018) DDX39 promotes hepatocellular carcinoma growth and metastasis through activating Wnt/?-catenin pathway. Cell death & disease, 9(6), 675.

Hu S, et al. (2017) miR-532 promoted gastric cancer migration and invasion by targeting NKD1. Life sciences, 177, 15.

Lahdaoui F, et al. (2017) Depletion of MUC5B mucin in gastrointestinal cancer cells alters their tumorigenic properties: implication of the Wnt/?-catenin pathway. The Biochemical journal, 474(22), 3733.

Wang Q, et al. (2015) Glucocorticoid Receptor ? Acts as a Co-activator of T-Cell Factor 4 and Enhances Glioma Cell Proliferation. Molecular neurobiology, 52(3), 1106.

Ding ZY, et al. (2014) Smad6 suppresses the growth and self-renewal of hepatic progenitor cells. Journal of cellular physiology, 229(5), 651.

Shen G, et al. (2013) miR-106b downregulates adenomatous polyposis coli and promotes cell proliferation in human hepatocellular carcinoma. Carcinogenesis, 34(1), 211.

Kleeff J, et al. (1999) Smad6 suppresses TGF-beta-induced growth inhibition in COLO-357 pancreatic cancer cells and is overexpressed in pancreatic cancer. Biochemical and biophysical research communications, 255(2), 268.