

# Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

## pGL3-OF (mutant TCF-4 sites)

RRID:Addgene\_16559

Type: Plasmid

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### Proper Citation

RRID:Addgene\_16559

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### 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:** 20260815T080930+0000

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### 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).

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### Data and Source Information

## 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/ $\beta$ -Catenin Signaling. *Cancer management and research*, 12, 11773.

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

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

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

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

Wang Q, et al. (2015) Glucocorticoid Receptor  $\beta$  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.