

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

[pGL3B-1081](#)

RRID:Addgene_18759

Type: Plasmid

Proper Citation

RRID:Addgene_18759

Plasmid Information

URL: <http://www.addgene.org/18759>

Proper Citation: RRID:Addgene_18759

Insert Name: thioredoxin-interacting protein promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16301999](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4818; Vector Backbone:pGL3-Basic; Vector Types:Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pGL3B-1081

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260801T080942+0000

Ratings and Alerts

No rating or validation information has been found for pGL3B-1081.

No alerts have been found for pGL3B-1081.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Nagaraj K, et al. (2022) Long-Term IGF1 Stimulation Leads to Cellular Senescence via Functional Interaction with the Thioredoxin-Interacting Protein, TXNIP. *Cells*, 11(20).

Han JH, et al. (2019) FMK, an Inhibitor of p90RSK, Inhibits High Glucose-Induced TXNIP Expression via Regulation of ChREBP in Pancreatic β Cells. *International journal of molecular sciences*, 20(18).

Nagaraj K, et al. (2018) Identification of thioredoxin-interacting protein (TXNIP) as a downstream target for IGF1 action. *Proceedings of the National Academy of Sciences of the United States of America*, 115(5), 1045.

Harada N, et al. (2015) Androgen receptor silences thioredoxin-interacting protein and competitively inhibits glucocorticoid receptor-mediated apoptosis in pancreatic β -Cells. *Journal of cellular biochemistry*, 116(6), 998.

Luo Y, et al. (2014) Transcription factor Ets1 regulates expression of thioredoxin-interacting protein and inhibits insulin secretion in pancreatic β -cells. *PloS one*, 9(6), e99049.