

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pGL3

RRID:Addgene_48743

Type: Plasmid

Proper Citation

RRID:Addgene_48743

Plasmid Information

URL: <http://www.addgene.org/48743>

Proper Citation: RRID:Addgene_48743

Insert Name: truncated mPer2 promoter/enhancer region (-1128 to +1060)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15699353](#)

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

Comments: Minor sequencing discrepancies may exist between the mPer2 promoter reference sequence and Addgene's sequencing results, but do not affect the function of the plasmid.

Plasmid Name: pGL3

Relevant Mutation: truncated promoter region (see pGL6)

Record Creation Time: 20220422T222251+0000

Record Last Update: 20260815T081553+0000

Ratings and Alerts

No rating or validation information has been found for pGL3.

No alerts have been found for pGL3.

Data and Source Information

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Lu Y, et al. (2026) GAL3ST1-Mediated Histone Tyrosine Sulfation Induced by Cancer-Associated Fibroblasts Promotes Gastric Cancer Metastasis. *Cancer research*, 86(10), 2429.

Qiao S, et al. (2026) Gut Mycobiota-Associated Tryptophan Catabolites Protect Against Metabolic Dysfunction-Associated Steatotic Liver Disease. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(39), e14830.

Xu J, et al. (2026) The Interaction of CircESR1 and HNRNPAB Regulates Cell Cycle Transition of Breast Cancer Cell. *International journal of biological sciences*, 22(3), 1520.

Xie S, et al. (2026) Loss of p53 exacerbates autoimmunity by reprogramming propionyl-CoA metabolism and histone modifications in Treg cells. *Cell reports*, 45(3), 117084.

Li Y, et al. (2026) Dual targeting of topoisomerase I and DNA G-quadruplexes enhances senescence and chemosensitivity in colorectal cancer. *Communications biology*, 9(1).

She X, et al. (2026) METTL3 Methylation Induces Decay of Endogenous Retroelement Transcripts to Promote Tumor Immune Evasion. *Cancer research*, 86(11), 2722.

Fu Y, et al. (2024) Expression of PDLIM5 Spliceosomes and Regulatory Functions on Myogenesis in Pigs. *Cells*, 13(8).

Gong Y, et al. (2024) Lysine acetyltransferase 14 mediates TGF- β -induced fibrosis in ovarian endometrioma via co-operation with serum response factor. *Journal of translational medicine*, 22(1), 561.

Li QS, et al. (2023) ESRRB Inhibits the TGF β Signaling Pathway to Drive Cell Proliferation in Cervical Cancer. *Cancer research*, 83(18), 3095.

Zhang KJ, et al. (2023) LncRNA TYMSOS facilitates breast cancer metastasis and immune escape through downregulating ULBP3. *iScience*, 26(9), 107556.

Suresh S, et al. (2023) Identifying the Transcriptional Drivers of Metastasis Embedded within Localized Melanoma. *Cancer discovery*, 13(1), 194.

McMellen A, et al. (2023) ATF6-Mediated Signaling Contributes to PARP Inhibitor Resistance in Ovarian Cancer. *Molecular cancer research : MCR*, 21(1), 3.

Zhao T, et al. (2023) Nuclear GRP78 Promotes Metabolic Reprogramming and Therapeutic Resistance in Pancreatic Ductal Adenocarcinoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(24), 5183.

Wang C, et al. (2022) TP53 mutations upregulate RCP expression via Sp1/3 to drive lung cancer progression. *Oncogene*, 41(16), 2357.

Shen Q, et al. (2022) TFAP4 Activates IGF2BP1 and Promotes Progression of Non-Small Cell Lung Cancer by Stabilizing TK1 Expression through m6A Modification. *Molecular cancer research : MCR*, 20(12), 1763.

Shi X, et al. (2022) Hypoxia activated HGF expression in pancreatic stellate cells confers resistance of pancreatic cancer cells to EGFR inhibition. *EBioMedicine*, 86, 104352.

Wang J, et al. (2021) miR-200b upregulation promotes migration of BEAS-2B cells following long-term exposure to cigarette smoke by targeting ETS1. *Molecular medicine reports*, 24(2).