

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[Igfbp1-promoter/pGL3](#)

RRID:Addgene_12146

Type: Plasmid

Proper Citation

RRID:Addgene_12146

Plasmid Information

URL: <http://www.addgene.org/12146>

Proper Citation: RRID:Addgene_12146

Insert Name: IGFBP1 promoter

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10698940](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4818; Vector Backbone:pGL3 basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: Igfbp1-promoter/pGL3

Relevant Mutation: Contains the canonical insulin response sequence (IRS) from the rat IGF binding protein-1 promoter driving a luciferase reporter

Record Creation Time: 20220422T221635+0000

Record Last Update: 20260815T080337+0000

Ratings and Alerts

No rating or validation information has been found for Igfbp1-promoter/pGL3.

No alerts have been found for Igfbp1-promoter/pGL3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wang Y, et al. (2022) Hepatocyte Rap1a contributes to obesity- and statin-associated hyperglycemia. Cell reports, 40(8), 111259.

Shi L, et al. (2016) Direct regulation of IGF-binding protein 1 promoter by interleukin-1 β via an insulin- and FoxO-1-independent mechanism. American journal of physiology. Endocrinology and metabolism, 310(8), E612.

Revollo JR, et al. (2013) HES1 is a master regulator of glucocorticoid receptor-dependent gene expression. Science signaling, 6(304), ra103.

Dobierzewska A, et al. (2012) Interleukin 1 β regulation of FoxO1 protein content and localization: evidence for a novel ceramide-dependent mechanism. The Journal of biological chemistry, 287(53), 44749.