

# Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

## [Snail\\_pGL2](#)

RRID:Addgene\_31694

Type: Plasmid

### Proper Citation

RRID:Addgene\_31694

### Plasmid Information

**URL:** <http://www.addgene.org/31694>

**Proper Citation:** RRID:Addgene\_31694

**Insert Name:** Snail

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:12705869](#)

**Vector Backbone Description:** Backbone Size:5598; Vector Backbone:pGL2\_Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

**Comments:** Contains Snail promoter (-1045 to -56) sequence upstream of luciferase

**Plasmid Name:** Snail\_pGL2

**Record Creation Time:** 20220422T222137+0000

**Record Last Update:** 20260815T081338+0000

### Ratings and Alerts

No rating or validation information has been found for Snail\_pGL2.

No alerts have been found for Snail\_pGL2.

### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Chen R, et al. (2025) Carnitine palmitoyltransferase 1C promotes EMT-associated cisplatin resistance in non-small cell lung cancer cells. *Cancer biology & medicine*, 22(1), 48.

Nam H, et al. (2025) HDAC7 promotes renal cancer progression by reprogramming branched-chain amino acid metabolism. *Science advances*, 11(23), eadt3552.

Chhe K, et al. (2025) Reporter-Mediated Evaluation of the Circadian Oscillations of SNAIL Across In Vitro Models. *Clocks & sleep*, 7(4).

Zhang Z, et al. (2023) Downregulation of EZH2 inhibits epithelial-mesenchymal transition in enzalutamide-resistant prostate cancer. *The Prostate*, 83(15), 1458.

Kochanowski P, et al. (2021) Temozolomide Induces the Acquisition of Invasive Phenotype by O6-Methylguanine-DNA Methyltransferase (MGMT)+ Glioblastoma Cells in a Snail-1/Cx43-Dependent Manner. *International journal of molecular sciences*, 22(8).

Cheng F, et al. (2021) Urolithin A Inhibits Epithelial-Mesenchymal Transition in Lung Cancer Cells via P53-Mdm2-Snail Pathway. *OncoTargets and therapy*, 14, 3199.

Del Rio D, et al. (2021) Ovarian Cancer-Driven Mesothelial-to-Mesenchymal Transition is Triggered by the Endothelin-1/ $\alpha$ -arr1 Axis. *Frontiers in cell and developmental biology*, 9, 764375.

Yang M, et al. (2021) Resveratrol induces PD-L1 expression through snail-driven activation of Wnt pathway in lung cancer cells. *Journal of cancer research and clinical oncology*, 147(4), 1101.

Vedagiri D, et al. (2021) Retinoic Acid-Inducible Gene I-Like Receptors Activate Snail To Limit RNA Viral Infections. *Journal of virology*, 95(21), e0121621.

Lu P, et al. (2019) Expression of the SNAI2 transcriptional repressor is regulated by C16-ceramide. *Cancer biology & therapy*, 20(6), 922.

Wang X, et al. (2019) UDP-glucose accelerates SNAI1 mRNA decay and impairs lung cancer metastasis. *Nature*, 571(7763), 127.

Al-Hattab DS, et al. (2018) Scleraxis regulates Twist1 and Snai1 expression in the epithelial-to-mesenchymal transition. *American journal of physiology. Heart and circulatory physiology*, 315(3), H658.

Fagoonee S, et al. (2017) The RNA-binding protein ESRP1 promotes human colorectal cancer progression. *Oncotarget*, 8(6), 10007.

Wu TJ, et al. (2016) Severe Hepatitis Promotes Hepatocellular Carcinoma Recurrence via NF- $\kappa$ B Pathway-Mediated Epithelial-Mesenchymal Transition after Resection. *Clinical*

cancer research : an official journal of the American Association for Cancer Research, 22(7), 1800.

Ryszawy D, et al. (2014) Functional links between Snail-1 and Cx43 account for the recruitment of Cx43-positive cells into the invasive front of prostate cancer. Carcinogenesis, 35(9), 1920.

Xie Y, et al. (2014) Slug regulates E-cadherin repression via p19Arf in prostate tumorigenesis. Molecular oncology, 8(7), 1355.

Zirke A, et al. (2013) IGF2BP1 promotes mesenchymal cell properties and migration of tumor-derived cells by enhancing the expression of LEF1 and SNAI2 (SLUG). Nucleic acids research, 41(13), 6618.