

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

pUAS-luc2

RRID:Addgene_24343

Type: Plasmid

Proper Citation

RRID:Addgene_24343

Plasmid Information

URL: <http://www.addgene.org/24343>

Proper Citation: RRID:Addgene_24343

Insert Name: Luciferase

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20434990](#)

Vector Backbone Description: Backbone Size:4283; Vector Backbone:pGL4.23; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Obtained by subcloning 5 copies of GAL4-binding UAS sequence and the hsp70 minimal promoter from pUAS-GG into pGL4.23 using HindIII and NcoI.

Plasmid Name: pUAS-luc2

Record Creation Time: 20220422T222108+0000

Record Last Update: 20260829T080231+0000

Ratings and Alerts

No rating or validation information has been found for pUAS-luc2.

No alerts have been found for pUAS-luc2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Potter R, et al. (2026) The serotonin receptor 2b (5-HT2B) modulates heart remodeling following myocardial infarction via regulation of Hippo pathway. *iScience*, 29(2), 114825.

Bui TA, et al. (2023) Genetic and Pharmacological YAP Activation Induces Proliferation and Improves Survival in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. *Cells*, 12(17).

Haas MJ, et al. (2022) The effect of black seed (*Nigella sativa*) extract on lipid metabolism in HepG2 cells. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1867(8), 159155.

Song R, et al. (2021) S100A8/S100A9 cytokine acts as a transcriptional coactivator during breast cellular transformation. *Science advances*, 7(1).

Ma Y, et al. (2021) LACTB suppresses melanoma progression by attenuating PP1A and YAP interaction. *Cancer letters*, 506, 67.

Bashir S, et al. (2020) Enhancement of CRISPR-Cas9 induced precise gene editing by targeting histone H2A-K15 ubiquitination. *BMC biotechnology*, 20(1), 57.

Cao J, et al. (2019) Nanobody-based sandwich reporter system for living cell sensing influenza A virus infection. *Scientific reports*, 9(1), 15899.

Triastuti E, et al. (2019) Pharmacological inhibition of Hippo pathway, with the novel kinase inhibitor XMU-MP-1, protects the heart against adverse effects during pressure overload. *British journal of pharmacology*, 176(20), 3956.

Zhang W, et al. (2017) Optogenetic control with a photocleavable protein, PhoCl. *Nature methods*, 14(4), 391.

Robertson A, et al. (2017) Genetic ablation of the mammalian sterile-20 like kinase 1 (Mst1) improves cell reprogramming efficiency and increases induced pluripotent stem cell proliferation and survival. *Stem cell research*, 20, 42.

Shrestha B, et al. (2014) Involvement of co-repressor LUH and the adapter proteins SLK1 and SLK2 in the regulation of abiotic stress response genes in *Arabidopsis*. *BMC plant biology*, 14, 54.

Mottillo EP, et al. (2012) Lipolytic products activate peroxisome proliferator-activated receptor (PPAR) α and γ in brown adipocytes to match fatty acid oxidation with supply. *The Journal of biological chemistry*, 287(30), 25038.