Resource Summary Report

Generated by PRECISE-TBI on Sep 3, 2026

Gal4-VP16

RRID:Addgene_71728
Type: Plasmid

Proper Citation

RRID:Addgene_71728

Plasmid Information

URL: http://www.addgene.org/71728

Proper Citation: RRID:Addgene_71728

Insert Name: Gal4 DBD(1-147)

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25963659

Vector Backbone Description: Backbone Size:2924; Vector Backbone:pECE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Gal4-VP16

Record Creation Time: 20220422T222441+0000

Record Last Update: 20260902T050052+0000

Ratings and Alerts

No rating or validation information has been found for Gal4-VP16.

No alerts have been found for Gal4-VP16.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Bandomir NC, et al. (2025) Scaffold Fusion and SAR Transfer with a Chemical Language Model Generates Novel Liver X Receptor Modulators. Journal of medicinal chemistry, 68(21), 22588.

Specht C, et al. (2025) An engineered glutamic acid tRNA for efficient suppression of pathogenic nonsense mutations. Nucleic acids research, 53(12).

Willems S, et al. (2025) Comparative Profiling and Chemogenomics Application of Chemical Tools for NR4A Nuclear Receptors. Journal of medicinal chemistry, 68(19), 19955.

Schallmayer E, et al. (2025) Chemogenomics for steroid hormone receptors (NR3). Communications chemistry, 8(1), 29.

Parkman GL, et al. (2024) Genetic Silencing of AKT Induces Melanoma Cell Death via mTOR Suppression. Molecular cancer therapeutics, 23(3), 301.

Isigkeit L, et al. (2024) Chemogenomics for NR1 nuclear hormone receptors. Nature communications, 15(1), 5201.

Awawdeh A, et al. (2024) Efficient suppression of premature termination codons with alanine by engineered chimeric pyrrolysine tRNAs. Nucleic acids research, 52(22), 14244.

Barykina NV, et al. (2024) Destabilized near-infrared fluorescent nanobodies enable background-free targeting of GFP-based biosensors for imaging and manipulation. Nature communications, 15(1), 7788.

Vietor J, et al. (2023) Development of a Potent Nurr1 Agonist Tool for In Vivo Applications. Journal of medicinal chemistry, 66(9), 6391.

Willems S, et al. (2022) Scaffold Hopping from Amodiaquine to Novel Nurr1 Agonist Chemotypes via Microscale Analogue Libraries. ChemMedChem, 17(8), e202200026.

Zaienne D, et al. (2022) Druggability Evaluation of the Neuron Derived Orphan Receptor (NOR-1) Reveals Inverse NOR-1 Agonists. ChemMedChem, 17(16), e202200259.

Willems S, et al. (2022) Nurr1 Modulation Mediates Neuroprotective Effects of Statins. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(18), e2104640.

Willems S, et al. (2021) Fragment-like Chloroquinolineamines Activate the Orphan Nuclear Receptor Nurr1 and Elucidate Activation Mechanisms. Journal of medicinal chemistry, 64(5), 2659.

Faudone G, et al. (2021) The Transcriptional Repressor Orphan Nuclear Receptor TLX Is Responsive to Xanthines. ACS pharmacology & translational science, 4(6), 1794.

Meijer I, et al. (2020) Chemical Starting Matter for HNF4?? Ligand Discovery and Chemogenomics. International journal of molecular sciences, 21(21).

Koromila T, et al. (2020) Odd-paired is a pioneer-like factor that coordinates with Zelda to control gene expression in embryos. eLife, 9.