

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.

Zaïenne 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.