

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

DLX2-hygro

RRID:Addgene_97330

Type: Plasmid

Proper Citation

RRID:Addgene_97330

Plasmid Information

URL: <http://www.addgene.org/97330>

Proper Citation: RRID:Addgene_97330

Insert Name: DLX2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28504679](#)

Vector Backbone Description: Backbone Size:8373; Vector Backbone:TetO-FUW;
Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: DLX2-hygro

Record Creation Time: 20220422T222627+0000

Record Last Update: 20260725T075407+0000

Ratings and Alerts

No rating or validation information has been found for DLX2-hygro.

No alerts have been found for DLX2-hygro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Savchuk S, et al. (2025) Neuronal activity-dependent mechanisms of small cell lung cancer pathogenesis. *Nature*.

Gu J, et al. (2024) Generation of a stably transfected mouse embryonic stem cell line for inducible differentiation to excitatory neurons. *Experimental cell research*, 435(1), 113902.

Wang YJ, et al. (2024) Pharmacological chaperones restore proteostasis of epilepsy-associated GABAA receptor variants. *Pharmacological research*, 208, 107356.

Heider J, et al. (2024) Defined co-cultures of glutamatergic and GABAergic neurons with a mutation in DISC1 reveal aberrant phenotypes in GABAergic neurons. *BMC neuroscience*, 25(1), 12.

Garcia MF, et al. (2024) Dynamic convergence of autism disorder risk genes across neurodevelopment. *bioRxiv : the preprint server for biology*.

Hu R, et al. (2024) Expanding GABAergic Neuronal Diversity in iPSC-Derived Disease Models. *bioRxiv : the preprint server for biology*.

Fernando MB, et al. (2023) Precise Therapeutic Targeting of Distinct NRXN1+/- Mutations. *bioRxiv : the preprint server for biology*.

Wang YJ, et al. (2023) Pharmacological chaperones restore proteostasis of epilepsy-associated GABAA receptor variants. *bioRxiv : the preprint server for biology*.

Powell SK, et al. (2023) Schizophrenia Risk Mapping and Functional Engineering of the 3D Genome in Three Neuronal Subtypes. *bioRxiv : the preprint server for biology*.

Sanchez-Priego C, et al. (2022) Mapping cis-regulatory elements in human neurons links psychiatric disease heritability and activity-regulated transcriptional programs. *Cell reports*, 39(9), 110877.

Powell SK, et al. (2021) Induction of dopaminergic neurons for neuronal subtype-specific modeling of psychiatric disease risk. *Molecular psychiatry*.

Hu R, et al. (2021) Direct Differentiation of Functional Neurons from Human Pluripotent Stem Cells (hPSCs). *Methods in molecular biology* (Clifton, N.J.), 2352, 117.

Gonzalez-Ramos A, et al. (2021) Human stem cell-derived GABAergic neurons functionally integrate into human neuronal networks. *Scientific reports*, 11(1), 22050.

Quist E, et al. (2021) Transcription Factor Programming of Human Pluripotent Stem Cells to Functionally Mature Astrocytes for Monocultures and Cocultures with Neurons. *Methods in molecular biology* (Clifton, N.J.), 2352, 133.

Song S, et al. (2021) Efficient Derivation of Excitatory and Inhibitory Neurons from Human Pluripotent Stem Cells Stably Expressing Direct Reprogramming Factors. *Current protocols*, 1(6), e141.

Barretto N, et al. (2020) ASCL1- and DLX2-induced GABAergic neurons from hiPSC-derived NPCs. *Journal of neuroscience methods*, 334, 108548.

Gregory JA, et al. (2020) Cell Type-Specific In Vitro Gene Expression Profiling of Stem Cell-Derived Neural Models. *Cells*, 9(6).

Miskinyte G, et al. (2018) Transcription factor programming of human ES cells generates functional neurons expressing both upper and deep layer cortical markers. *PloS one*, 13(10), e0204688.