Resource Summary Report

Generated by RRID on Aug 22, 2026

pCAGGS-NICD

RRID:Addgene_26891
Type: Plasmid

Proper Citation

RRID:Addgene_26891

Plasmid Information

URL: http://www.addgene.org/26891

Proper Citation: RRID:Addgene_26891

Insert Name: NICD

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16508304

Vector Backbone Description: Backbone Size:4800; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAGGS-NICD

Relevant Mutation: E2299K

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260815T081257+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS-NICD.

No alerts have been found for pCAGGS-NICD.

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 RRID .

Fujieda K, et al. (2025) Id2 transcriptional repressor promotes retinal Müller glial cell fate choice by increasing Notch activity. Biochemical and biophysical research communications, 771, 151966.

Feng X, et al. (2023) Polycomb Ezh1 maintains murine muscle stem cell quiescence through non-canonical regulation of Notch signaling. Developmental cell, 58(12), 1052.

Nomura T, et al. (2022) Temperature sensitivity of Notch signaling underlies species-specific developmental plasticity and robustness in amniote brains. Nature communications, 13(1), 96.

Im DS, et al. (2022) Cdk5-mediated JIP1 phosphorylation regulates axonal outgrowth through Notch1 inhibition. BMC biology, 20(1), 115.

Hou J, et al. (2021) Pen-2 Negatively Regulates the Differentiation of Oligodendrocyte Precursor Cells into Astrocytes in the Central Nervous System. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(23), 4976.

Jiang M, et al. (2021) Maternal sevoflurane exposure induces temporary defects in interkinetic nuclear migration of radial glial progenitors in the fetal cerebral cortex through the Notch signalling pathway. Cell proliferation, 54(6), e13042.

Luque-Molina I, et al. (2019) The Orphan Nuclear Receptor TLX Represses Hes1 Expression, Thereby Affecting NOTCH Signaling and Lineage Progression in the Adult SEZ. Stem cell reports, 13(1), 132.

Maier J, et al. (2019) Luminescent and fluorescent triple reporter plasmid constructs for Wnt, Hedgehog and Notch pathway. PloS one, 14(12), e0226570.

Jiao W, et al. (2019) Activation of the Notch?Nox4?reactive oxygen species signaling pathway induces cell death in high glucose?treated human retinal endothelial cells. Molecular medicine reports, 19(1), 667.

Onodera Y, et al. (2018) Inflammation-associated miR-155 activates differentiation of muscular satellite cells. PloS one, 13(10), e0204860.

Robinson SC, et al. (2017) Kaiso differentially regulates components of the Notch signaling pathway in intestinal cells. Cell communication and signaling : CCS, 15(1), 24.

Zelentsova K, et al. (2017) Protein S Regulates Neural Stem Cell Quiescence and Neurogenesis. Stem cells (Dayton, Ohio), 35(3), 679.

de Melo J, et al. (2016) Multiple intrinsic factors act in concert with Lhx2 to direct retinal gliogenesis. Scientific reports, 6, 32757.

Mußmann C, et al. (2014) HES5 is a key mediator of Wnt-3a-induced neuronal differentiation. Stem cells and development, 23(12), 1328.

Marathe S, et al. (2014) Monitoring Notch activity in the mouse. Methods in molecular biology (Clifton, N.J.), 1187, 115.

Nowotschin S, et al. (2013) A bright single-cell resolution live imaging reporter of Notch signaling in the mouse. BMC developmental biology, 13, 15.