

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

TetO-FUW-NICD

RRID:Addgene_61540

Type: Plasmid

Proper Citation

RRID:Addgene_61540

Plasmid Information

URL: <http://www.addgene.org/61540>

Proper Citation: RRID:Addgene_61540

Insert Name: NOTCH-ICD

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25454632](#)

Vector Backbone Description: Backbone Size:8376; Vector Backbone:TetO-FUW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: TetO-FUW-NICD

Relevant Mutation: NOTCH intracellular domain (aa1761-2555); A1943S mutation compared to reference sequence NM_017617.3

Record Creation Time: 20220422T222353+0000

Record Last Update: 20260815T081743+0000

Ratings and Alerts

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

No alerts have been found for TetO-FUW-NICD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Foran G, et al. (2024) Notch1 Phase Separation Coupled Percolation facilitates target gene expression and enhancer looping. bioRxiv : the preprint server for biology.

Foran G, et al. (2024) Notch1 Phase Separation Coupled Percolation facilitates target gene expression and enhancer looping. Scientific reports, 14(1), 21912.

Messerschmidt VL, et al. (2022) In vivo Evaluation of Non-viral NICD Plasmid-Loaded PLGA Nanoparticles in Developing Zebrafish to Improve Cardiac Functions. Frontiers in physiology, 13, 819767.

Messerschmidt VL, et al. (2021) Notch Intracellular Domain Plasmid Delivery via Poly(Lactic-Co-Glycolic Acid) Nanoparticles to Upregulate Notch Pathway Molecules. Frontiers in cardiovascular medicine, 8, 707897.

Chen HJ, et al. (2019) Generation of pulmonary neuroendocrine cells and SCLC-like tumors from human embryonic stem cells. The Journal of experimental medicine, 216(3), 674.

Augert A, et al. (2019) Targeting NOTCH activation in small cell lung cancer through LSD1 inhibition. Science signaling, 12(567).

Oh S, et al. (2018) Design, Assembly, Production, and Transfection of Synthetic Modified mRNA. Methods (San Diego, Calif.), 133, 29.

Meng YM, et al. (2018) Monocytes/Macrophages promote vascular CXCR4 expression via the ERK pathway in hepatocellular carcinoma. Oncoimmunology, 7(3), e1408745.

Guo Y, et al. (2017) Numb-/low Enriches a Castration-Resistant Prostate Cancer Cell Subpopulation Associated with Enhanced Notch and Hedgehog Signaling. Clinical cancer research : an official journal of the American Association for Cancer Research, 23(21), 6744.

Lee B, et al. (2017) Emerin suppresses Notch signaling by restricting the Notch intracellular domain to the nuclear membrane. Biochimica et biophysica acta. Molecular cell research, 1864(2), 303.