

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Hes5-Luc

RRID:Addgene_41724

Type: Plasmid

Proper Citation

RRID:Addgene_41724

Plasmid Information

URL: <http://www.addgene.org/41724>

Proper Citation: RRID:Addgene_41724

Insert Name: Hes5 Promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9570950](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5597; Vector Backbone:pGL2-Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: Hes5-Luc

Relevant Mutation: Contains the murine Hes5 promoter (-800 to +73)

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260725T074655+0000

Ratings and Alerts

No rating or validation information has been found for Hes5-Luc.

No alerts have been found for Hes5-Luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Gazdik TR, et al. (2024) Notch intracellular domains form transcriptionally active heterodimeric complexes on sequence-paired sites. Scientific reports, 14(1), 218.

Sfeir N, et al. (2024) RIP140 regulates transcription factor HES1 oscillatory expression and mitogenic activity in colon cancer cells. Molecular oncology.

Crow JJ, et al. (2020) Notch family members follow stringent requirements for intracellular domain dimerization at sequence-paired sites. PloS one, 15(11), e0234101.

LaFoya B, et al. (2019) A comparison of resveratrol and other polyphenolic compounds on Notch activation and endothelial cell activity. PloS one, 14(1), e0210607.

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.

LaFoya B, et al. (2018) Src kinase phosphorylates Notch1 to inhibit MAML binding. Scientific reports, 8(1), 15515.

Baizabal JM, et al. (2018) The Epigenetic State of PRDM16-Regulated Enhancers in Radial Glia Controls Cortical Neuron Position. Neuron, 98(5), 945.