

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

Lenti-Hb9-GFP

RRID:Addgene_37080

Type: Plasmid

Proper Citation

RRID:Addgene_37080

Plasmid Information

URL: <http://www.addgene.org/37080>

Proper Citation: RRID:Addgene_37080

Insert Name: Hb9 GFP

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19041781](#)

Vector Backbone Description: Backbone Marker:Inder Verma lab; Backbone Size:8466; Vector Backbone:CSCspPW; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Expresses GFP under the control of the Hb9 promoter to visualize postmitotic human motor neurons

Plasmid Name: Lenti-Hb9-GFP

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081412+0000

Ratings and Alerts

No rating or validation information has been found for Lenti-Hb9-GFP.

No alerts have been found for Lenti-Hb9-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Li A, et al. (2025) Isoginkgetin antagonizes ALS pathologies in its animal and patient iPSC models via PINK1-Parkin-dependent mitophagy. *EMBO molecular medicine*, 17(11), 3139.

Lee H, et al. (2020) Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. *eLife*, 9.

Esanov R, et al. (2016) C9orf72 promoter hypermethylation is reduced while hydroxymethylation is acquired during reprogramming of ALS patient cells. *Experimental neurology*, 277, 171.

Alves CJ, et al. (2015) Gene expression profiling for human iPS-derived motor neurons from sporadic ALS patients reveals a strong association between mitochondrial functions and neurodegeneration. *Frontiers in cellular neuroscience*, 9, 289.

O'Brien LC, et al. (2015) Differentiation of Human Neural Stem Cells into Motor Neurons Stimulates Mitochondrial Biogenesis and Decreases Glycolytic Flux. *Stem cells and development*, 24(17), 1984.

Toli D, et al. (2015) Modeling amyotrophic lateral sclerosis in pure human iPSc-derived motor neurons isolated by a novel FACS double selection technique. *Neurobiology of disease*, 82, 269.