

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pFUGW-H1 empty vector

RRID:Addgene_25870

Type: Plasmid

Proper Citation

RRID:Addgene_25870

Plasmid Information

URL: <http://www.addgene.org/25870>

Proper Citation: RRID:Addgene_25870

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18371338](#)

Vector Backbone Description: Backbone Marker:Ivanova, NB; Backbone Size:10130; Vector Backbone:FUGW-H1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Empty Vector pFUGW-H1. The H1 promoter was cloned into the PacI site of FUGW (Addgene Plasmid# 14883). Please see cloning protocol for recommended shRNA subcloning procedure.

Plasmid Name: pFUGW-H1 empty vector

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260829T080253+0000

Ratings and Alerts

No rating or validation information has been found for pFUGW-H1 empty vector.

No alerts have been found for pFUGW-H1 empty vector.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Voigt A, et al. (2025) Exploring MHC class II I-Ab blockade as a potential treatment for Sjögren's disease in the mouse model. *ImmunoHorizons*, 9(9).

Li WK, et al. (2024) Whole-brain in vivo base editing reverses behavioral changes in Mef2c-mutant mice. *Nature neuroscience*, 27(1), 116.

Cavalli P, et al. (2024) Manipulation of DHPS activity affects dendritic morphology and expression of synaptic proteins in primary rat cortical neurons. *Frontiers in cellular neuroscience*, 18, 1465011.

Jayasinghe MK, et al. (2023) Red Blood Cell-Derived Extracellular Vesicles Display Endogenous Antiviral Effects and Enhance the Efficacy of Antiviral Oligonucleotide Therapy. *ACS nano*, 17(21), 21639.

Cheng P, et al. (2022) Novel IL1RAP mutation associated with schizophrenia interferes with neuronal growth and related NF- κ B signal pathways. *Neuroscience letters*, 775, 136533.

Katzman C, et al. (2021) Modeling SARS-CoV-2 Infection in Mice Using Lentiviral hACE2 Vectors Infers Two Modes of Immune Responses to SARS-CoV-2 Infection. *Viruses*, 14(1).

Matsuno H, et al. (2021) Sirtuin 6 is a regulator of dendrite morphogenesis in rat hippocampal neurons. *Neurochemistry international*, 145, 104959.

Zhang R, et al. (2021) An Intronic Variant of CHD7 Identified in Autism Patients Interferes with Neuronal Differentiation and Development. *Neuroscience bulletin*, 37(8), 1091.

Church TW, et al. (2021) AKAP79 enables calcineurin to directly suppress protein kinase A activity. *eLife*, 10.

Hale AT, et al. (2020) Modulation of sulfur assimilation metabolic toxicity overcomes anemia and hemochromatosis in mice. *Advances in biological regulation*, 76, 100694.

Dunn PJ, et al. (2020) ABC transporters control ATP release through cholesterol-dependent volume-regulated anion channel activity. *The Journal of biological chemistry*, 295(16), 5192.

Salm EJ, et al. (2020) TMEM163 Regulates ATP-Gated P2X Receptor and Behavior. *Cell reports*, 31(9), 107704.

Farzadfard F, et al. (2019) Single-Nucleotide-Resolution Computing and Memory in Living Cells. *Molecular cell*, 75(4), 769.

Makhoul C, et al. (2019) Intersectin-1 interacts with the golgin GCC88 to couple the actin network and Golgi architecture. *Molecular biology of the cell*, 30(3), 370.

Cheng C, et al. (2019) Loss of CREST leads to neuroinflammatory responses and ALS-like motor defects in mice. *Translational neurodegeneration*, 8, 13.

Tong DL, et al. (2019) The critical role of ASD-related gene CNTNAP3 in regulating synaptic development and social behavior in mice. *Neurobiology of disease*, 130, 104486.

Yamasaki T, et al. (2017) GARLH Family Proteins Stabilize GABAA Receptors at Synapses. *Neuron*, 93(5), 1138.

Unno K, et al. (2017) Modeling African American prostate adenocarcinoma by inducing defined genetic alterations in organoids. *Oncotarget*, 8(31), 51264.

Perli SD, et al. (2016) Continuous genetic recording with self-targeting CRISPR-Cas in human cells. *Science (New York, N.Y.)*, 353(6304).

Xin YJ, et al. (2015) Tet1-mediated DNA demethylation regulates neuronal cell death induced by oxidative stress. *Scientific reports*, 5, 7645.