

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pAAV-mDlx-GFP-Fishell-1

RRID:Addgene_83900

Type: Plasmid

Proper Citation

RRID:Addgene_83900

Plasmid Information

URL: <http://www.addgene.org/83900>

Proper Citation: RRID:Addgene_83900

Insert Name: eGFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27798629](#)

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-mDlx-GFP-Fishell-1

Record Creation Time: 20220422T222541+0000

Record Last Update: 20260815T082109+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-mDlx-GFP-Fishell-1.

No alerts have been found for pAAV-mDlx-GFP-Fishell-1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Dos Santos M, et al. (2026) Soluble α -syn, altered in disease CSF, modulates network homeostasis and rescues deficits in a neuropsychiatric mouse model. *Neuron*, 114(12), 2128.

Jiang Q, et al. (2026) Psilocybin triggers an activity-dependent rewiring of large-scale cortical networks. *Cell*, 189(2), 659.

Maltsev DI, et al. (2026) In vivo chemogenetic generation of intraneuronal H₂O₂. *Free radical biology & medicine*, 245, 329.

Choi YJ, et al. (2026) Motor learning and dopamine-dependent striatal synaptic plasticity are controlled by astrocytic MEGF10. *Nature communications*, 17(1).

Tutas J, et al. (2025) Autophagy regulator ATG5 preserves cerebellar function by safeguarding its glycolytic activity. *Nature metabolism*, 7(2), 297.

Peters KZ, et al. (2025) Food seeking suppression by environmental enrichment accompanies cell type- and circuit-specific prelimbic cortical modulation. *bioRxiv : the preprint server for biology*.

Köhler I, et al. (2025) Activation of GluN2D-containing NMDA receptors promotes development of axons and axon-carrying dendrites of cortical interneurons. *Cerebral cortex (New York, N.Y. : 1991)*, 35(6).

Ma J, et al. (2025) Sleep prevents brain phosphoproteome disruption to safeguard survival. *Cell discovery*, 11(1), 58.

Habela CW, et al. (2025) Altered development and network connectivity in a human neuronal model of 15q11.2 deletion-related neurodevelopmental disorders. *Translational psychiatry*, 15(1), 329.

Ho C, et al. (2025) CXCL12 Engages Cortical Inhibitory Neurons to Enhance Dendritic Spine Plasticity and Structured Network Activity. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(24).

Chou CYC, et al. (2025) Postsynaptic spiking determines anti-Hebbian LTD in visual cortex basket cells. *Frontiers in synaptic neuroscience*, 17, 1548563.

Kim S, et al. (2025) Alternatively spliced mini-exon B in PTP β regulates excitatory synapses through cell-type-specific trans-synaptic PTP β -IL1RAP interaction. *Nature communications*, 16(1), 4415.

Peters KZ, et al. (2025) Environmental Enrichment Suppresses Food Seeking and Increases Inhibitory Interneuron Excitability While Decreasing Corticothalamic Neuronal Recruitment in the Prelimbic Cortex. *The European journal of neuroscience*, 62(10), e70315.

Rangel Guerrero DK, et al. (2024) Hippocampal cholecystokinin-expressing interneurons regulate temporal coding and contextual learning. *Neuron*, 112(12), 2045.

Hunter D, et al. (2024) Converging synaptic and network dysfunctions in distinct autoimmune encephalitis. *EMBO reports*, 25(3), 1623.

Osaki T, et al. (2024) Early differential impact of MeCP2 mutations on functional networks in Rett syndrome patient-derived human cerebral organoids. *bioRxiv : the preprint server for biology*.

Leana-Sandoval G, et al. (2024) The GluA1 cytoplasmic tail regulates intracellular AMPA receptor trafficking and synaptic transmission onto dentate gyrus GABAergic interneurons, gating response to novelty. *bioRxiv : the preprint server for biology*.

Wang H, et al. (2024) Parallel pathways carrying direction-and orientation-selective retinal signals to layer 4 of the mouse visual cortex. *Cell reports*, 43(3), 113830.

Kon K, et al. (2024) Cortical parvalbumin neurons are responsible for homeostatic sleep rebound through CaMKII activation. *Nature communications*, 15(1), 6054.

Araya A, et al. (2023) Overexpression of wild type glycine alpha 1 subunit rescues ethanol sensitivity in accumbal receptors and reduces binge drinking in mice. *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*, 48(9), 1367.