Resource Summary Report

Generated by NIF on Jul 31, 2026

pCAG_GPHN.FingR-eGFP-CCR5TC

RRID:Addgene_46296
Type: Plasmid

Proper Citation

RRID:Addgene_46296

Plasmid Information

URL: http://www.addgene.org/46296

Proper Citation: RRID:Addgene_46296

Insert Name: GPHN.FingR-eGFP-CCR5TC

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:23791193

Vector Backbone Description: Backbone Size:4113; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG_GPHN.FingR-eGFP-CCR5TC

Record Creation Time: 20220422T222238+0000

Record Last Update: 20260725T074732+0000

Ratings and Alerts

No rating or validation information has been found for pCAG_GPHN.FingR-eGFP-CCR5TC.

No alerts have been found for pCAG_GPHN.FingR-eGFP-CCR5TC.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Lee J, et al. (2025) Bright and photostable yellow fluorescent proteins for extended imaging. Nature communications, 16(1), 3241.

Chen X, et al. (2025) Endophilin A1 facilitates organization of the GABAergic postsynaptic machinery to maintain excitation-inhibition balance. eLife, 13.

Welle TM, et al. (2024) miRNA-mediated control of gephyrin synthesis drives sustained inhibitory synaptic plasticity. EMBO reports, 25(11), 5141.

Assendorp N, et al. (2024) CTNND2 moderates the pace of synaptic maturation and links human evolution to synaptic neoteny. Cell reports, 43(10), 114797.

Côme E, et al. (2023) Lateral Diffusion of NKCC1 Contributes to Chloride Homeostasis in Neurons and Is Rapidly Regulated by the WNK Signaling Pathway. Cells, 12(3).

Olah SS, et al. (2023) Acute reorganization of postsynaptic GABAA receptors reveals the functional impact of molecular nanoarchitecture at inhibitory synapses. Cell reports, 42(11), 113331.

Pol E, et al. (2023) NKCC1 and KCC2 Chloride Transporters Have Different Membrane Dynamics on the Surface of Hippocampal Neurons. Cells, 12(19).

Brown CN, et al. (2022) A?-induced synaptic impairments require CaMKII activity that is stimulated by indirect signaling events. iScience, 25(6), 104368.

Merlaud Z, et al. (2022) Conformational state-dependent regulation of GABAA receptor diffusion and subsynaptic domains. iScience, 25(11), 105467.

Ruiz-Reig N, et al. (2022) Inhibitory synapse dysfunction and epileptic susceptibility associated with KIF2A deletion in cortical interneurons. Frontiers in molecular neuroscience, 15, 1110986.

Halff EF, et al. (2022) Phosphorylation of neuroligin-2 by PKA regulates its cell surface abundance and synaptic stabilization. Science signaling, 15(739), eabg2505.

Chifor A, et al. (2022) NMDA receptor-targeted enrichment of CaMKII? improves fear memory. iScience, 25(8), 104864.

Buonarati OR, et al. (2021) Conserved and divergent features of neuronal CaMKII holoenzyme structure, function, and high-order assembly. Cell reports, 37(13), 110168.

Rajgor D, et al. (2020) Local miRNA-Dependent Translational Control of GABAAR Synthesis during Inhibitory Long-Term Potentiation. Cell reports, 31(12), 107785.

Fossati M, et al. (2019) Trans-Synaptic Signaling through the Glutamate Receptor Delta-1 Mediates Inhibitory Synapse Formation in Cortical Pyramidal Neurons. Neuron, 104(6), 1081.

Zhang X, et al. (2019) HIV gp120-induced neuroinflammation potentiates NMDA receptors to overcome basal suppression of inhibitory synapses by p38 MAPK. Journal of neurochemistry, 148(4), 499.

Cook SG, et al. (2019) Simultaneous Live Imaging of Multiple Endogenous Proteins Reveals a Mechanism for Alzheimer's-Related Plasticity Impairment. Cell reports, 27(3), 658.

Crosby KC, et al. (2019) Nanoscale Subsynaptic Domains Underlie the Organization of the Inhibitory Synapse. Cell reports, 26(12), 3284.

Viale B, et al. (2019) Transient Deregulation of Canonical Wnt Signaling in Developing Pyramidal Neurons Leads to Dendritic Defects and Impaired Behavior. Cell reports, 27(5), 1487.

Wang Y, et al. (2018) Critical roles of ?II spectrin in brain development and epileptic encephalopathy. The Journal of clinical investigation, 128(2), 760.