

Resource Summary Report

Generated by [kravitz2](#) on Sep 23, 2026

pAAV-hSyn-mCherry

RRID:Addgene_114472

Type: Plasmid

Proper Citation

RRID:Addgene_114472

Plasmid Information

URL: <http://www.addgene.org/114472>

Proper Citation: RRID:Addgene_114472

Insert Name: mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4537;
Vector Backbone:AAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-hSyn-mCherry

Record Creation Time: 20220422T221600+0000

Record Last Update: 20260919T090552+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn-mCherry.

No alerts have been found for pAAV-hSyn-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 119 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Tavares MR, et al. (2026) Loss of Striatal Bradykinin B2 Receptor Alters Anxiety and Motivational Behaviors in Male Mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(10), e71950.

Koma GT, et al. (2026) Kinematics-based assessment of reaching and grasping movements in LRN ablated animals identifies a role for the LRN in endpoint stabilization and reach timing. bioRxiv : the preprint server for biology.

Bratsch-Prince JX, et al. (2026) vCA1 SST neurons represent avoidance states that guide anxiety-related behavioral choices. bioRxiv : the preprint server for biology.

Kolling LJ, et al. (2026) Selective reduction of KCNA4 in vulnerable glutamatergic-serotonin neurons of the dorsal raphe nucleus in Alzheimer's disease. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(5), e71317.

Li Y, et al. (2026) A spatial and projection-based transcriptomic atlas of paraventricular hypothalamic cell types. Cell reports, 45(2), 116904.

Jiang M, et al. (2026) Neural basis of cooperative behavior in biological and artificial intelligence systems. Science (New York, N.Y.), 391(6780), eadw8151.

Patel SP, et al. (2026) Proteomics reveal PTEN as a critical mediator of sustained mitochondrial dysfunction during chronic spinal cord injury. Experimental neurology, 404, 115880.

Folkes OM, et al. (2026) Social Novelty Recruits a Dysfunctional Nucleus Accumbens Ensemble That Drives Social Avoidance in a Shank3 ^{-/-} Autism Model. bioRxiv : the preprint server for biology.

Yamada Y, et al. (2026) Hindbrain neurons that underlie water discrimination and consumption. Current biology : CB, 36(7), 1787.

Kong D, et al. (2026) Acsl4-mediated Lipid Homeostasis Orchestrates Synaptic and Cognitive Plasticity. Research square.

An L, et al. (2026) Contamination of Engram Coactivity Networks During Forgetting. bioRxiv : the preprint server for biology.

de Sousa AF, et al. (2026) The prefrontal cortex controls memory organization in the hippocampus. Nature neuroscience, 29(5), 1191.

Min H, et al. (2026) Projection-defined hypothalamic outputs differentially regulate thermogenesis and lipolysis. Proceedings of the National Academy of Sciences of the United States of America, 123(22), e2535878123.

Laughlin BW, et al. (2026) Serotype-dependent differences in AAV cellular transduction rates in the hypothalamus of Arctic ground squirrels. bioRxiv : the preprint server for biology.

Nishimura KJ, et al. (2026) Paraventricular thalamus hyperactivity mediates stress-induced sensitization of unlearned fear but not stress-enhanced fear learning (SEFL). *eLife*, 14.

Vargish GA, et al. (2025) A novel, evolutionarily conserved inhibitory circuit selectively regulates dentate gyrus mossy cell function. *bioRxiv* : the preprint server for biology.

Jaschke NP, et al. (2025) Gut-to-brain signaling restricts dietary protein intake during recovery from catabolic states. *Cell*, 188(26), 7481.

Pomberger T, et al. (2025) The mouse posterior insular cortex encodes expressive and receptive aspects of courtship vocalizations. *Cell reports*, 44(6), 115850.

Benedict J, et al. (2025) The Lateral Habenula Is Necessary for Maternal Behavior in the Naturally Parturient Primiparous Mouse Dam. *eNeuro*, 12(1).

Yamagata S, et al. (2025) Dorsal raphe nucleus MC4R-GABAergic neurons regulate feeding and anxiety. *Molecular metabolism*, 99, 102199.