

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 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: 20260808T080510+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 [SPARC SAWG](#) .

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.

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

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

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*.

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.

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.