

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pAAV-mCherry-flex-dtA

RRID:Addgene_58536

Type: Plasmid

Proper Citation

RRID:Addgene_58536

Plasmid Information

URL: <http://www.addgene.org/58536>

Proper Citation: RRID:Addgene_58536

Insert Name: dtA

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24828191](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:5604; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-mCherry-flex-dtA

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081717+0000

Ratings and Alerts

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

No alerts have been found for pAAV-mCherry-flex-dtA.

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 [dkNET](#) .

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*.

Masumura R, et al. (2026) Developmental oligodendrocytes regulate brain function through the mediation of synchronized spontaneous activity. *eLife*, 14.

Jiang W, et al. (2026) Brainstem GLP-1 neurons modulate physiological satiation and drive sustained weight loss in obese mice. *Molecular metabolism*, 107, 102347.

Hsu MT, et al. (2025) Cholinergic interneurons of the dorsomedial striatum mediate winner-loser effects on social hierarchy dynamics in male mice. *iScience*, 28(10), 113581.

Colmers PLW, et al. (2025) Loss of PV Interneurons in the BLA May Contribute to Altered Network and Behavioral States in Chronically Epileptic Mice. *eNeuro*, 12(1).

Tan B, et al. (2025) A cellular and molecular basis of leptin resistance. *Cell metabolism*, 37(3), 723.

Nomura S, et al. (2025) Preferential Localization of STIM1 to dendritic subsurface ER structures in Mouse Purkinje Cells. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(16).

Millett CJ, et al. (2025) In vivo transcriptomic, functional, circuit-based, and translational analyses of enteric neurons. *Cell*, 188(26), 7547.

Glærum IL, et al. (2024) Postnatal persistence of hippocampal Cajal-Retzius cells has a crucial role in the establishment of the hippocampal circuit. *Development (Cambridge, England)*, 151(1).

Bragg-Gonzalo L, et al. (2024) Early cortical GABAergic interneurons determine the projection patterns of L4 excitatory neurons. *Science advances*, 10(19), eadj9911.

Toma K, et al. (2024) Perivascular neurons instruct 3D vascular lattice formation via neurovascular contact. *Cell*, 187(11), 2767.

Priest MF, et al. (2023) Peptidergic and functional delineation of the Edinger-Westphal nucleus. *Cell reports*, 42(8), 112992.

Wang Y, et al. (2022) The role of somatosensory innervation of adipose tissues. *Nature*, 609(7927), 569.

Shwartz Y, et al. (2020) Cell Types Promoting Goosebumps Form a Niche to Regulate Hair Follicle Stem Cells. *Cell*, 182(3), 578.

Yang W, et al. (2020) Placental growth factor in beta cells plays an essential role in gestational beta-cell growth. *BMJ open diabetes research & care*, 8(1).

Fujita Y, et al. (2020) Netrin-G1 Regulates Microglial Accumulation along Axons and Supports the Survival of Layer V Neurons in the Postnatal Mouse Brain. *Cell reports*, 31(4), 107580.

Sánchez-Valpuesta M, et al. (2019) Corticobasal ganglia projecting neurons are required for juvenile vocal learning but not for adult vocal plasticity in songbirds. *Proceedings of the National Academy of Sciences of the United States of America*, 116(45), 22833.

Lin S, et al. (2018) Distributed hepatocytes expressing telomerase repopulate the liver in homeostasis and injury. *Nature*, 556(7700), 244.

Prekop HT, et al. (2018) Sox14 Is Required for a Specific Subset of Cerebello-Olivary Projections. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(44), 9539.

Bellocchio L, et al. (2016) Sustained Gq-Protein Signaling Disrupts Striatal Circuits via JNK. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(41), 10611.