

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pAAV-Ef1a-mCherry-IRES-Cre

RRID:Addgene_55632

Type: Plasmid

Proper Citation

RRID:Addgene_55632

Plasmid Information

URL: <http://www.addgene.org/55632>

Proper Citation: RRID:Addgene_55632

Insert Name: mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24908100](#)

Vector Backbone Description: Backbone Size:5315; Vector Backbone:AAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-mCherry-IRES-Cre

Record Creation Time: 20220422T222325+0000

Record Last Update: 20260815T081651+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-mCherry-IRES-Cre.

No alerts have been found for pAAV-Ef1a-mCherry-IRES-Cre.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 69 mentions in open access literature.

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

Lozano DE, et al. (2026) Low-dimensional population dynamics in the brainstem gate REM sleep. *Nature neuroscience*, 29(7), 1625.

Mitsui K, et al. (2026) Lateral hypothalamus to dorsal raphe nucleus projections modulate intraspecific attack behavior in male mice. *iScience*, 29(4), 115427.

Howe JR, et al. (2026) Control of innate olfactory valence by segregated cortical amygdala circuits. *eLife*, 14.

Gongwer MW, et al. (2026) A cell type-specific mechanism driving the rapid antidepressant effects of transcranial magnetic stimulation. *Cell*, 189(10), 3052.

Cotto BA, et al. (2026) Divergent mitochondrial and metabolic adaptations shape selective vulnerability in ALS. *bioRxiv : the preprint server for biology*.

Aldahabi M, et al. (2026) Selective, genetically induced increase in synaptic vesicle priming. *Science advances*, 12(15), eaee6848.

Coceano G, et al. (2026) Quantitative optical nanoscopy of mitochondrial-derived vesicles in neurons classifies pre-peroxisomal and clearing organelles. *Nature communications*, 17(1), 419.

Broersen R, et al. (2025) Binocular processing facilitates escape behavior through multiple pathways to the superior colliculus. *Current biology : CB*, 35(6), 1242.

Chhikara A, et al. (2025) Activity-dependent localization and dynamics of STIM1 and STIM2 at ER-PM contacts in hippocampal neurons. *Cell reports*, 44(10), 116290.

Jin X, et al. (2025) Central Osmolality Sensing for Arginine Vasopressin Release Is Mediated by WNK1-OSR1/SPAK-Kv3.1 Cascade. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(22), e71213.

Isaac J, et al. (2025) Organization of Brainwide Inputs to Discrete Lateral Septum Projection Populations. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(37).

Rashid M, et al. (2025) A ventral hippocampal-lateral septum pathway regulates social novelty preference. *eLife*, 13.

Gongwer MW, et al. (2025) A cell type-specific mechanism driving the rapid antidepressant effects of transcranial magnetic stimulation. *bioRxiv : the preprint server for biology*.

Li M, et al. (2025) A circuit from the basolateral amygdala to hippocampal CA3 regulates social behavior. *Current biology : CB*.

Mossa A, et al. (2025) Sex-specific perturbations of neuronal development caused by mutations in the autism risk gene DDX3X. *Nature communications*, 16(1), 4512.

Contestabile A, et al. (2025) Translational research approach to social orienting deficits in autism: the role of superior colliculus-ventral tegmental pathway. *Molecular psychiatry*, 30(8), 3729.

Dong HW, et al. (2025) Neural Networks of the Mouse Primary Visceromotor Cortex. *Research square*.

Zeidler Z, et al. (2025) Directed cell-type recruitment during consolidation of a remote memory. *bioRxiv : the preprint server for biology*.

K?szeghy Á, et al. (2025) Medial prefrontal cortex activity precedes dorsomedial striatum in need for change during history-based flexible behavior. *iScience*, 28(12), 113913.

Reéb Z, et al. (2025) Morphological and electrophysiological diversity and connectivity of principal neurons in the lateral and basal nuclei of the mouse amygdala. *Scientific reports*, 15(1), 33675.