Resource Summary Report

Generated by dkNET on Sep 4, 2026

CAG-Flex-TCB

RRID:Addgene_48332
Type: Plasmid

Proper Citation

RRID:Addgene_48332

Plasmid Information

URL: http://www.addgene.org/48332

Proper Citation: RRID:Addgene_48332

Insert Name: TVA receptor mCherry

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24239125

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: CAG-Flex-TCB

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260902T045554+0000

Ratings and Alerts

No rating or validation information has been found for CAG-Flex-TCB.

No alerts have been found for CAG-Flex-TCB.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Fernández-Peña C, et al. (2026) Autonomic C1 neurons promote anxiety via activation of vlPAG. Neuron.

Livrizzi G, et al. (2026) Top-down control of the descending pain modulatory system drives multimodal placebo analgesia. Neuron.

Tasaka GI, et al. (2026) Submedius thalamic inputs shape the presynaptic architecture of layer 5 orbitofrontal cortex in mice. iScience, 29(2), 114828.

Tasaka GI, et al. (2025) Orbitofrontal cortex influences dopamine dynamics associated with alloparental behavioral acquisition in female mice. Science advances, 11(27), eadr4620.

Vaissiere T, et al. (2025) Syngap1 promotes cognitive function through regulation of cortical sensorimotor dynamics. Nature communications, 16(1), 812.

Ogg MC, et al. (2025) Locus coeruleus norepinephrine neurons facilitate orbitofrontal cortex remapping and behavioral flexibility. Cell reports, 44(12), 116687.

Handa T, et al. (2025) The neural pathway from the superior subpart of the medial habenula to the interpeduncular nucleus suppresses anxiety. Molecular psychiatry, 30(8), 3752.

Inada K, et al. (2025) A transgenic mouse line for rabies virus-mediated trans-synaptic tracing in the postnatal developing brain. PloS one, 20(5), e0323629.

Hughes AC, et al. (2023) A Novel Single Vector Intersectional AAV Strategy for Interrogating Cellular Diversity and Brain Function. bioRxiv : the preprint server for biology.

Takatoh J, et al. (2022) The whisking oscillator circuit. Nature, 609(7927), 560.

Zhang X, et al. (2022) Teneurins assemble into presynaptic nanoclusters that promote synapse formation via postsynaptic non-teneurin ligands. Nature communications, 13(1), 2297.

Wang X, et al. (2022) Input and output organization of the mesodiencephalic junction for cerebro-cerebellar communication. Journal of neuroscience research, 100(2), 620.

Yukinaga H, et al. (2022) Recording and manipulation of the maternal oxytocin neural activities in mice. Current biology : CB, 32(17), 3821.

Inada K, et al. (2022) Plasticity of neural connections underlying oxytocin-mediated parental behaviors of male mice. Neuron, 110(12), 2009.

Ma G, et al. (2021) Hierarchy in sensory processing reflected by innervation balance on cortical interneurons. Science advances, 7(20).

Takatoh J, et al. (2021) Constructing an adult orofacial premotor atlas in Allen mouse CCF. eLife, 10.

Sando R, et al. (2021) Latrophilin GPCR signaling mediates synapse formation. eLife, 10.

Roelofs TJM, et al. (2021) Optimization of whole-brain rabies virus tracing technology for small cell populations. Scientific reports, 11(1), 10400.

Yoshihara C, et al. (2021) Calcitonin receptor signaling in the medial preoptic area enables risk-taking maternal care. Cell reports, 35(9), 109204.

Wallace ML, et al. (2020) Anatomical and single-cell transcriptional profiling of the murine habenular complex. eLife, 9.