

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

CAG-Flex-TC66T

RRID:Addgene_48331

Type: Plasmid

Proper Citation

RRID:Addgene_48331

Plasmid Information

URL: <http://www.addgene.org/48331>

Proper Citation: RRID:Addgene_48331

Insert Name: TVA receptor mCherry fusion with the 66T mutation

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24239125](#)

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

Plasmid Name: CAG-Flex-TC66T

Relevant Mutation: 66T

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260829T080615+0000

Ratings and Alerts

No rating or validation information has been found for CAG-Flex-TC66T.

No alerts have been found for CAG-Flex-TC66T.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Ding X, et al. (2025) Neuroendocrine circuit for sleep-dependent growth hormone release. *Cell*, 188(18), 4968.

Smith J, et al. (2024) Regulation of stress-induced sleep fragmentation by preoptic glutamatergic neurons. *Current biology : CB*, 34(1), 12.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. *iScience*, 27(12), 111285.

Tasaka GI, et al. (2023) The local and long-range input landscape of inhibitory neurons in mouse auditory cortex. *The Journal of comparative neurology*, 531(4), 502.

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.

Hafner G, et al. (2021) Increased Callosal Connectivity in Reeler Mice Revealed by Brain-Wide Input Mapping of VIP Neurons in Barrel Cortex. *Cerebral cortex (New York, N.Y. : 1991)*, 31(3), 1427.

Melzer S, et al. (2021) Bombesin-like peptide recruits disinhibitory cortical circuits and enhances fear memories. *Cell*, 184(22), 5622.

Tasaka GI, et al. (2020) The Temporal Association Cortex Plays a Key Role in Auditory-Driven Maternal Plasticity. *Neuron*, 107(3), 566.

Zhang Z, et al. (2019) An Excitatory Circuit in the Perioculomotor Midbrain for Non-REM Sleep Control. *Cell*, 177(5), 1293.

Vinograd A, et al. (2019) The Pre-synaptic Landscape of Mitral/Tufted Cells of the Main Olfactory Bulb. *Frontiers in neuroanatomy*, 13, 58.