Resource Summary Report

Generated by dkNET on Aug 5, 2026

UNC Joint Vector Laboratories

RRID:SCR_002448
Type: Tool

Proper Citation

UNC Joint Vector Laboratories (RRID:SCR_002448)

Resource Information

URL: http://genetherapy.unc.edu/jvl.htm

Proper Citation: UNC Joint Vector Laboratories (RRID:SCR_002448)

Description: Core facility to access a comprehensive range of resources and services for gene transfer research including vector production services for research, preclinical and clinical materials. Services include: * Adeno-associated Virus (AAV) Custom Production; * AAV In-Stock Aliquots: Reporters, Deisseroth, Boyden, Roth, Uchida, Shah; * Lentivirus Custom Production

Abbreviations: UNC Vector Core

Synonyms: UNC Gene Therapy Center Joint Vector Laboratories, UNC Gene Therapy Center Vector Core, University of North Carolina Vector Core

Resource Type: access service resource, core facility, service resource

Keywords: vector, clinical, gene transfer, preclinical, viral vector, adeno-associated virus

Availability: Restricted

Resource Name: UNC Joint Vector Laboratories

Resource ID: SCR_002448

Alternate IDs: SciRes_000117, SciRes_000124

Alternate URLs: http://genetherapy.unc.edu/services.htm

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260805T044040+0000

Ratings and Alerts

No rating or validation information has been found for UNC Joint Vector Laboratories.

No alerts have been found for UNC Joint Vector Laboratories.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Klug JR, et al. (2025) Asymmetric cortical projections to striatal direct and indirect pathways distinctly control actions. eLife, 12.

Kim SW, et al. (2023) Hemispherically lateralized rhythmic oscillations in the cingulate-amygdala circuit drive affective empathy in mice. Neuron, 111(3), 418.

Winters BL, et al. (2022) Cannabinoids and Opioids Differentially Target Extrinsic and Intrinsic GABAergic Inputs onto the Periaqueductal Grey Descending Pathway. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(41), 7744.

Souza GMPR, et al. (2022) Adrenergic C1 neurons monitor arterial blood pressure and determine the sympathetic response to hemorrhage. Cell reports, 38(10), 110480.

Becker-Krail DD, et al. (2022) Circadian transcription factor NPAS2 and the NAD+ -dependent deacetylase SIRT1 interact in the mouse nucleus accumbens and regulate reward. The European journal of neuroscience, 55(3), 675.

Hollon NG, et al. (2021) Nigrostriatal dopamine signals sequence-specific action-outcome prediction errors. Current biology : CB, 31(23), 5350.

Hay YA, et al. (2021) Thalamus mediates neocortical Down state transition via GABAB-receptor-targeting interneurons. Neuron, 109(17), 2682.

Crouse RB, et al. (2020) Acetylcholine is released in the basolateral amygdala in response to predictors of reward and enhances the learning of cue-reward contingency. eLife, 9.

Levitan D, et al. (2020) Deletion of Stk11 and Fos in mouse BLA projection neurons alters intrinsic excitability and impairs formation of long-term aversive memory. eLife, 9.

??zcan OO, et al. (2020) Differential Coding Strategies in Glutamatergic and GABAergic Neurons in the Medial Cerebellar Nucleus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(1), 159.

Peak J, et al. (2020) Striatal direct and indirect pathway neurons differentially control the encoding and updating of goal-directed learning. eLife, 9.

Lopes EF, et al. (2019) Inhibition of Nigrostriatal Dopamine Release by Striatal GABAA and GABAB Receptors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(6), 1058.

Raper J, et al. (2019) Chemogenetic Inhibition of the Amygdala Modulates Emotional Behavior Expression in Infant Rhesus Monkeys. eNeuro, 6(5).

Aoki S, et al. (2019) An open cortico-basal ganglia loop allows limbic control over motor output via the nigrothalamic pathway. eLife, 8.

Radke AK, et al. (2019) Contributions of nucleus accumbens dopamine to cognitive flexibility. The European journal of neuroscience, 50(3), 2023.

Klug JR, et al. (2018) Differential inputs to striatal cholinergic and parvalbumin interneurons imply functional distinctions. eLife, 7.

Honjoh S, et al. (2018) Regulation of cortical activity and arousal by the matrix cells of the ventromedial thalamic nucleus. Nature communications, 9(1), 2100.

Hart G, et al. (2018) The Bilateral Prefronto-striatal Pathway Is Necessary for Learning New Goal-Directed Actions. Current biology : CB, 28(14), 2218.

Brown J, et al. (2018) Lateral Hypothalamic Area Neurotensin Neurons Are Required for Control of Orexin Neurons and Energy Balance. Endocrinology, 159(9), 3158.

Stabio ME, et al. (2018) The M5 Cell: A Color-Opponent Intrinsically Photosensitive Retinal Ganglion Cell. Neuron, 97(1), 150.