Resource Summary Report

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University of Pennsylvania Center for Molecular Therapy for Cystic Fibrosis Vector Core Facility

RRID:SCR_010038
Type: Tool

Proper Citation

University of Pennsylvania Center for Molecular Therapy for Cystic Fibrosis Vector Core Facility (RRID:SCR_010038)

Resource Information

URL: http://www.med.upenn.edu/gtp/vectorcore/

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on October 30,2023. Core whose main aim is to provide vector technology for preclinical studies and other basic research applications. Its services include rovision of AAV, adenoviral and lentiviral based vectors, consultation and advice in the design of custom vectors and in vector serotype/pseudotype selection, and design, cloning and production of plasmid DNA for the production of custom vectors.

Synonyms: University of Pennsylvania Center for Molecular Therapy for Cystic Fibrosis Vector Core

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

Keywords: vector core, vector design, vector consultation, gene therapy program

Related Condition: Cystic Fibrosis

Funding: NIDDK P30 DK047757

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: University of Pennsylvania Center for Molecular Therapy for Cystic Fibrosis Vector Core Facility

Resource ID: SCR_010038

Alternate IDs: nlx_156509

Alternate URLs: http://www.med.upenn.edu/gtp/vectorcore/

Record Creation Time: 20220129T080256+0000

Record Last Update: 20250513T061203+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Center for Molecular Therapy for Cystic Fibrosis Vector Core Facility.

No alerts have been found for University of Pennsylvania Center for Molecular Therapy for Cystic Fibrosis Vector Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Sutley-Koury SN, et al. (2024) EphB2 Signaling Is Implicated in Astrocyte-Mediated Parvalbumin Inhibitory Synapse Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(45).

Katz MG, et al. (2020) Effects of genetic transfection on calcium cycling pathways mediated by double-stranded adeno-associated virus in postinfarction remodeling. The Journal of thoracic and cardiovascular surgery, 159(5), 1809.

Quina LA, et al. (2020) GAD2 Expression Defines a Class of Excitatory Lateral Habenula Neurons in Mice that Project to the Raphe and Pontine Tegmentum. eNeuro, 7(3).

Nguyen AQ, et al. (2020) Astrocytic Ephrin-B1 Controls Synapse Formation in the Hippocampus During Learning and Memory. Frontiers in synaptic neuroscience, 12, 10.

Özcan 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.

Moeyaert B, et al. (2018) Improved methods for marking active neuron populations. Nature communications, 9(1), 4440.

Arruda-Carvalho M, et al. (2017) Optogenetic Examination of Prefrontal-Amygdala Synaptic Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(11), 2976.

Tarantini S, et al. (2017) Insulin-like growth factor 1 deficiency exacerbates hypertension-induced cerebral microhemorrhages in mice, mimicking the aging phenotype. Aging cell, 16(3), 469.

Quina LA, et al. (2017) Specific connections of the interpeduncular subnuclei reveal distinct components of the habenulopeduncular pathway. The Journal of comparative neurology, 525(12), 2632.

Gransee HM, et al. (2017) Motoneuron glutamatergic receptor expression following recovery from cervical spinal hemisection. The Journal of comparative neurology, 525(5), 1192.

Quina LA, et al. (2015) Efferent pathways of the mouse lateral habenula. The Journal of comparative neurology, 523(1), 32.

Hammer S, et al. (2015) Multiple Retinal Axons Converge onto Relay Cells in the Adult Mouse Thalamus. Cell reports, 12(10), 1575.

Haustein MD, et al. (2014) Conditions and constraints for astrocyte calcium signaling in the hippocampal mossy fiber pathway. Neuron, 82(2), 413.

Chen TW, et al. (2013) Ultrasensitive fluorescent proteins for imaging neuronal activity. Nature, 499(7458), 295.

Celio MR, et al. (2013) Efferent connections of the parvalbumin-positive (PV1) nucleus in the lateral hypothalamus of rodents. The Journal of comparative neurology, 521(14), 3133.