Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Vector Core Facility

RRID:SCR_022432
Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Vector Core Facility (RRID:SCR_022432)

Resource Information

URL: https://gtp.med.upenn.edu/core-laboratories-public/vector-core

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Description: Resource for investigators requiring viral vectors for preclinical studies and other basic research applications such as gene therapies for acquired and inherited diseases.Provides production of high quality vectors and distribution of improved vector technologies services.

Synonyms: University of Pennsylvania Perelman School of Medicine Vector Core, Vector Core

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

Keywords: USEDit, ABRF

Funding:

Resource Name: University of Pennsylvania Perelman School of Medicine Vector Core Facility

Resource ID: SCR_022432

Alternate IDs: ARBF_1437

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1437

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250508T070023+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Vector Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Vector Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Berger JH, et al. (2025) Two-hit mouse model of heart failure with preserved ejection fraction combining diet-induced obesity and renin-mediated hypertension. Scientific reports, 15(1), 422.

Nielsen BE, et al. (2024) Reduced striatal M4-cholinergic signaling following dopamine loss contributes to parkinsonian and l-DOPA-induced dyskinetic behaviors. Science advances, 10(47), eadp6301.

Baez HC, et al. (2024) Inner limiting Membrane Peel Extends In vivo Calcium Imaging of Retinal Ganglion Cell Activity Beyond the Fovea in Non-Human Primate. bioRxiv : the preprint server for biology.

Xu Z, et al. (2024) Foveal Retinal Ganglion Cells Develop Altered Calcium Dynamics Weeks After Photoreceptor Ablation. Ophthalmology science, 4(5), 100520.

Barnett D, et al. (2024) Mitochondrial complex III-derived ROS amplify immunometabolic changes in astrocytes and promote dementia pathology. bioRxiv : the preprint server for biology.

Hoffman JA, et al. (2024) Modulation of AAV9 Galactose Binding Yields Novel Gene Therapy Vectors and Predicts Cross-Species Differences in Glycan Avidity. Human gene therapy, 35(17-18), 734.

Berger JH, et al. (2024) Two-hit mouse model of heart failure with preserved ejection fraction combining diet-induced obesity and renin-mediated hypertension. bioRxiv : the preprint server for biology.

Werner MS, et al. (2024) Adeno-associated virus-mediated trastuzumab delivery to the central nervous system for human epidermal growth factor receptor 2+ brain metastasis. Cancer gene therapy.

Hordeaux J, et al. (2024) High-dose systemic adeno-associated virus vector administration causes liver and sinusoidal endothelial cell injury. Molecular therapy : the journal of the American Society of Gene Therapy.

Greig JA, et al. (2023) Integrated vector genomes may contribute to long-term expression in primate liver after AAV administration. Nature biotechnology.

Martins KM, et al. (2023) Prevalent and Disseminated Recombinant and Wild-Type Adeno-Associated Virus Integration in Macaques and Humans. Human gene therapy, 34(21-22), 1081.

Yazdan-Shahmorad P, et al. (2023) Preferential transduction of parvalbumin-expressing cortical neurons by AAV-mDLX5/6 vectors. Frontiers in neuroscience, 17, 1269025.

Wei W, et al. (2023) Organism-wide, cell-type-specific secretome mapping of exercise training in mice. Cell metabolism, 35(7), 1261.

Hordeaux J, et al. (2023) Immune transgene-dependent myocarditis in macaques after systemic administration of adeno-associated virus expressing human acid alpha-glucosidase. Frontiers in immunology, 14, 1094279.

Martino RA, et al. (2023) Vector Affinity and Receptor Distribution Define Tissue-Specific Targeting in an Engineered AAV Capsid. Journal of virology, 97(6), e0017423.

Horiuchi M, et al. (2022) Intravenous immunoglobulin prevents peripheral liver transduction of intrathecally delivered AAV vectors. Molecular therapy. Methods & clinical development, 27, 272.