## **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

**Proper Citation:** University of Pennsylvania Perelman School of Medicine Vector Core Facility (RRID:SCR\_022432)

**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:** 20250517T060506+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 NIF.

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.

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.

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

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.

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.

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

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