# Resource Summary Report

Generated by ASWG on Aug 3, 2026

## University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility

RRID:SCR_022433
Type: Tool

### Proper Citation

University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility (RRID:SCR_022433)

### Resource Information

**URL:** https://med-upenn.corefacilities.org/service_center/5129/?tab=about

**Proper Citation:** University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility (RRID:SCR_022433)

**Description:** Offers Illumina sequencing and bioinformatic expertise to assist researchers ?with gene therapy trial evaluations, viral integration profiling,?CRISPR off-target? analyses. Assists with bioinformatic analyses including RNAseq transcription profiling?and 16S taxonomic assignments.?

**Synonyms:** University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility, Viral Molecular High Density Sequencing Core Facility

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

**Keywords:** USEDit, ABRF

**Resource Name:** University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility

**Resource ID:** SCR_022433

**Alternate IDs:** ARBF_1438

**Alternate URLs:** https://coremarketplace.org?citation=1&FacilityID=1438

**Record Creation Time:** 20220602T050140+0000

**Record Last Update:** 20260801T191237+0000

## Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Viral Molecular High Density Sequencing Core Facility.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Segura EER, et al. (2025) Lentiviral vectors for hematopoietic stem cell gene therapy restore ?-globin expression in ?-thalassemia red blood cells. Cell reports. Medicine, 102362.

Jadlowsky JK, et al. (2025) Long-term safety of lentiviral or gammaretroviral gene-modified T cell therapies. Nature medicine, 31(4), 1134.

Seleme MC, et al. (2025) Small molecule inhibition of SUMOylation increases expression from AAV vectors both during and after initial transduction in mice. Molecular therapy : the journal of the American Society of Gene Therapy, 33(8), 3863.

Kasimsetty A, et al. (2024) Modulation of AAV transduction and integration targeting by topoisomerase poisons. Molecular therapy. Methods & clinical development, 32(4), 101364.