Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

VANTAGE

RRID:SCR_010155
Type: Tool

Proper Citation

VANTAGE (RRID:SCR_010155)

Resource Information

URL: http://eagle-i.ea.vanderbilt.edu/i/0000013d-037f-b425-afc0-9aeb80000000

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Description: VANTAGE (Vanderbilt Technologies for Advanced Genomics) is a genomics core laboratory consolidation initiated by an $8.6 million ARRA funded NIH grant award to Vanderbilt University Medical Center, with an overall goal of creating a new collaborative shared resource that accelerates discovery in genome sciences and personalized medicine, providing state-of-the art research shared resource facilities and technology.

Synonyms: Vanderbilt Technologies for Advanced Genomics

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

Resource Name: VANTAGE

Resource ID: SCR_010155

Alternate IDs: nlx_156634

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260731T042831+0000

Ratings and Alerts

No rating or validation information has been found for VANTAGE.

No alerts have been found for VANTAGE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Page-McCaw PS, et al. (2025) Collagen IV of basement membranes: I. Origin and diversification of COL4 genes enabling metazoan multicellularity, evolution, and adaptation. The Journal of biological chemistry, 301(5), 108496.

Morato NM, et al. (2025) Accelerating countermeasure candidate discovery for A-series chemical warfare agent exposure. Proceedings of the National Academy of Sciences of the United States of America, 122(29), e2512471122.

Parent AA, et al. (2024) Performance Evaluation of a New Sport Watch in Sleep Tracking: A Comparison against Overnight Polysomnography in Young Adults. Sensors (Basel, Switzerland), 24(7).

Chowdhury NU, et al. (2024) Androgen signaling restricts glutaminolysis to drive sex-specific Th17 metabolism in allergic airway inflammation. The Journal of clinical investigation, 134(23).

Vincely VD, et al. (2024) Bornite (Cu5FeS4) nanocrystals as an ultrasmall biocompatible NIR-II contrast agent for photoacoustic imaging. Photoacoustics, 40, 100649.

Chen H, et al. (2024) Multiparametric Brain Hemodynamics Imaging Using a Combined Ultrafast Ultrasound and Photoacoustic System. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(31), e2401467.

Gruber JV, et al. (2024) A Mixture of Water-Soluble Polysaccharides Reduces Caspase-1 and IL-1? Inflammatory Responses by Cutibacterium acnes in vitro in Reconstructed Human Epidermis (RHE). Clinical, cosmetic and investigational dermatology, 17, 2627.

Hunt EG, et al. (2024) Acetyl-CoA carboxylase obstructs CD8+ T cell lipid utilization in the tumor microenvironment. Cell metabolism.

Ling B, et al. (2023) Truly tiny acoustic biomolecules for ultrasound imaging and therapy. bioRxiv : the preprint server for biology.

St Pierre M, et al. (2023) Unbiased Quantitative Single-Cell Morphometric Analysis to Identify Microglia Reactivity in Developmental Brain Injury. Life (Basel, Switzerland), 13(4).

Nugent M, et al. (2023) Sexual Dimorphism in the Closure of the Hippocampal Postnatal Critical Period of Synaptic Plasticity after Intrauterine Growth Restriction: Link to Oligodendrocyte and Glial Dysregulation. Developmental neuroscience, 45(5), 234.

Chen H, et al. (2023) Dissecting Multiparametric Cerebral Hemodynamics using Integrated Ultrafast Ultrasound and Multispectral Photoacoustic Imaging. bioRxiv : the preprint server for biology.

Batalov RE, et al. (2023) Isolated Atrial Fibrillation, Inflammation and Efficacy of Radiofrequency Ablation: Preliminary Insights Based on a Single-Center Endomyocardial

Biopsy Study. Journal of clinical medicine, 12(4).

Zec K, et al. (2023) Macrophages in the synovial lining niche initiate neutrophil recruitment and articular inflammation. The Journal of experimental medicine, 220(8).

Gao J, et al. (2022) The HOPS tethering complex is required to maintain signaling endosome identity and TORC1 activity. The Journal of cell biology, 221(5).

Chen H, et al. (2022) A Transparent Ultrasound Array for Real-Time Optical, Ultrasound, and Photoacoustic Imaging. BME frontiers, 2022, 9871098.

Wang Q, et al. (2021) Can COVID-19 and environmental research in developing countries support these countries to meet the environmental challenges induced by the pandemic? Environmental science and pollution research international, 28(30), 41296.

Janis BR, et al. (2021) Sonoporation enables high-throughput loading of trehalose into red blood cells. Cryobiology, 98, 73.

Sawyer DP, et al. (2021) Ultrasensitive ultrasound imaging of gene expression with signal unmixing. Nature methods, 18(8), 945.

Starke RM, et al. (2020) Preclinical safety and efficacy evaluation of the Pipeline Vantage Embolization Device with Shield Technology. Journal of neurointerventional surgery, 12(10), 981.