

Resource Summary Report

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Van Andel Institute Bioinformatics and Biostatistics Core Facility

RRID:SCR_024762

Type: Tool

Proper Citation

Van Andel Institute Bioinformatics and Biostatistics Core Facility (RRID:SCR_024762)

Resource Information

URL: <https://bioinformaticsandbiostatisticscore.vai.org>

Proper Citation: Van Andel Institute Bioinformatics and Biostatistics Core Facility (RRID:SCR_024762)

Description: Core provides bioinformatics and statistics expertise. Core develops and maintains automated and customizable workflows for processing and analyzing many types of genomic data; supports design of rigorous, robust and reproducible experiments and proposals; assists in preparation of manuscripts, grants and presentations; and provides education and training in use of software and analysis methods. Core can contribute to many types of bioinformatics or statistical projects.

Synonyms: , Van Andel Institute VAI Bioinformatics and Biostatistics Core, VAI Bioinformatics and Biostatistics Core

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

Keywords: ABRF, bioinformatics and statistics expertise, genomic data analysis, preparation of manuscripts, grants and presentations,

Resource Name: Van Andel Institute Bioinformatics and Biostatistics Core Facility

Resource ID: SCR_024762

Alternate IDs: ABRF_2558

Alternate URLs: <https://coremarketplace.org/?FacilityID=2558&citation=1>

Record Creation Time: 20231206T183340+0000

Record Last Update: 20260804T043821+0000

Ratings and Alerts

No rating or validation information has been found for Van Andel Institute Bioinformatics and Biostatistics Core Facility.

No alerts have been found for Van Andel Institute Bioinformatics and Biostatistics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Norden PR, et al. (2026) Mitochondrial phosphopantetheinylation is required for oxidative metabolism. *Metabolism: clinical and experimental*, 174, 156413.

Nauta KM, et al. (2025) A noncanonical polyamine from bacteria antagonizes host mitochondrial function. *Nature communications*, 16(1), 11638.

Harmon LM, et al. (2025) Germline Variant Burden Warrants Universal Genetic Testing in Pediatric Myeloid Leukemia. *medRxiv : the preprint server for health sciences*.

Oswald BM, et al. (2025) Dietary restriction reprograms CD8+ T cell fate to enhance anti-tumour immunity and immunotherapy responses. *Nature metabolism*, 7(12), 2489.

Panzeri I, et al. (2025) TRIM28-dependent developmental heterogeneity determines cancer susceptibility through distinct epigenetic states. *Nature cancer*, 6(2), 385.

Dahabieh MS, et al. (2025) The prostacyclin receptor PTGIR is a NRF2-dependent regulator of CD8+ T cell exhaustion. *Nature immunology*, 26(7), 1139.

Perez-Mojica JE, et al. (2025) Resolving early embryonic metabolism in *Drosophila* through single-embryo metabolomics and transcriptomics. *Nature metabolism*.

Madaj Z, et al. (2025) BifurcatoR: A Framework for Revealing Clinically Actionable Signal in Variance Masquerading as Noise. *bioRxiv : the preprint server for biology*.

Diegel CR, et al. (2025) The class A repeats of LRP5 are required for normal development of bone, retinal vasculature and mammary gland in vivo. *Disease models & mechanisms*, 18(11).

Chomiak AA, et al. (2025) Dual EZH1/2 inhibition enhances DNMT inhibitor efficacy in colon cancer through targeting H3K27me1. *bioRxiv : the preprint server for biology*.

Jellen LC, et al. (2025) Sex differences in peripheral and central dysregulation of the kynurenine pathway in Parkinson's disease. *NPJ Parkinson's disease*, 11(1), 116.

Longo J, et al. (2025) Glucose-dependent glycosphingolipid biosynthesis fuels CD8⁺ T cell function and tumor control. *Cell metabolism*, 37(9), 1890.

Grimes B, et al. (2025) Comparing Novel Low-Input Total RNA-Seq Methods. *Journal of biomolecular techniques : JBT*, 36(3).

House RRJ, et al. (2024) A diverse proteome is present and enzymatically active in metabolite extracts. *Nature communications*, 15(1), 5796.

House RRJ, et al. (2024) ceas: an R package for Seahorse data analysis and visualization. *Bioinformatics (Oxford, England)*, 40(8).

Guak H, et al. (2024) Transcriptional programming mediated by the histone demethylase KDM5C regulates dendritic cell population heterogeneity and function. *Cell reports*, 43(8), 114506.

Panzeri I, et al. (2024) Chronic obesity does not alter cancer survival in Tp53 R270H/+ mice. *bioRxiv : the preprint server for biology*.

Longo J, et al. (2024) Glucose-dependent glycosphingolipid biosynthesis fuels CD8⁺ T cell function and tumor control. *bioRxiv : the preprint server for biology*.

Norden PR, et al. (2024) Mitochondrial Phosphopantetheinylation is Required for Oxidative Function. *bioRxiv : the preprint server for biology*.

Jang HJ, et al. (2024) Bone marrow microenvironment signatures associate with patient survival after guadecitabine and atezolizumab therapy in HMA-resistant MDS. *bioRxiv : the preprint server for biology*.