# 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

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

**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:** 20260905T133441+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 28 mentions in open access literature.

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


Williams ET, et al. (2026) Parkinson's disease-linked D620N mutation selectively alters the brain-specific protein interactome of VPS35. bioRxiv : the preprint server for biology.

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

Panzeri I, et al. (2026) Chronic High-Fat Diet Does Not Alter Overall Cancer Incidence in Trp53R270H/+ Mice. Cancer research communications, 6(6), 1336.

Zeng TB, et al. (2026) SETDB1 enables development beyond cleavage stages by extinguishing the MERVL-driven two-cell totipotency transcriptional program in the mouse embryo. eLife, 15.

Mechan-Llontop ME, et al. (2026) Bacterial pyruvate metabolism regulates host insulin sensitivity in C. elegans. bioRxiv : the preprint server for biology.

Gruber T, et al. (2026) Midbrain Tet1 dosage defines inter-individual binge-eating susceptibility. bioRxiv : the preprint server for biology.

Jang HJ, et al. (2026) Bone marrow immunosuppressive states associate with survival after guadecitabine and atezolizumab therapy in HMA-R/R MDS. Blood neoplasia, 3(3), 100243.

Zhao Y, et al. (2026) 2'-O-Methylation maintains ribosome structural and translation integrity. Molecular cell, 86(8), 1495.

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

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.

P??rez-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.

Zhong ZA, et al. (2025) Local Misalignment Scoring Reveals Spatially Uniform Chondrocyte Disorganization in a Wnt5a-C83S Knock-in Model of Robinow Syndrome. Research square.

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.

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.

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