

Resource Summary Report

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Nevada University at Reno Nevada Bioinformatics Center Core Facility

RRID:SCR_017802

Type: Tool

Proper Citation

Nevada University at Reno Nevada Bioinformatics Center Core Facility
(RRID:SCR_017802)

Resource Information

URL: <http://www.unr.edu/bioinformatics>

Proper Citation: Nevada University at Reno Nevada Bioinformatics Center Core Facility
(RRID:SCR_017802)

Description: Provides bioinformatics research resources, services and training in support of existing research programs and in development of new programs and grant applications. Provides next-generation sequencing data analysis including RNA-Seq and QuantSeq analysis, de novo transcriptome assembly, whole-genome sequencing, genome resequencing, single-cell sequencing, metagenomics, microbiome, mass spectrometry proteomic analysis of label-free (DIA) and TMT data, analysis of metabolomics, microbiome, multi-omics data, data mining, modeling, and visualization. Provides customized bioinformatics and statistical services including data quality control, power studies, hypothesis tests, regression, clustering, network analysis, function annotation, pathway analysis including iPathwayGuide.

Synonyms: Nevada Center for Bioinformatics, Nevada Bioinformatics Center

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

Keywords: Omics, Data Science, ML

Availability: Open

Resource Name: Nevada University at Reno Nevada Bioinformatics Center Core Facility

Resource ID: SCR_017802

Alternate IDs: ABRF_462

Alternate URLs: <https://coremarketplace.org/?FacilityID=462&citation=1>

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260912T200402+0000

Ratings and Alerts

No rating or validation information has been found for Nevada University at Reno Nevada Bioinformatics Center Core Facility.

No alerts have been found for Nevada University at Reno Nevada Bioinformatics Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Jain R, et al. (2026) Insulin signaling engages divergent transcriptional mechanisms in neural and metabolic tissues. BMC molecular and cell biology, 27(1).

Guerra DP, et al. (2026) Disruption of carotenoid metabolism in cavefish via loss of beta-carotene oxygenase 2a. Current biology : CB, 36(11), 2918.

Bolino M, et al. (2025) Proteomic and N-glycomic comparison of synthetic and bovine whey proteins and their effect on human gut microbiomes in vitro. Microbiology spectrum, 13(8), e0020025.

Swain S, et al. (2025) Low-Glucose Culture Conditions Bias Neuronal Energetics Towards Oxidative Phosphorylation. Journal of neurochemistry, 169(6), e70125.

Payen SH, et al. (2024) The cellular paraspeckle component SFPQ associates with the viral processivity factor ORF59 during lytic replication of Kaposi's Sarcoma-associated herpesvirus (KSHV). Virus research, 349, 199456.

Hack SJ, et al. (2024) Temporal Transcriptomic Profiling of the Developing Xenopus laevis Eye. Cells, 13(16).

Hack SJ, et al. (2024) Temporal Transcriptomic Profiling of the Developing Xenopus laevis Eye. bioRxiv : the preprint server for biology.

Bolino M, et al. (2024) Proteomic and N-glycomic comparison of synthetic and bovine whey proteins and their effect on human gut microbiomes. bioRxiv : the preprint server for biology.

von Bartheld CS, et al. (2023) Prevalence of Olfactory Dysfunction with the Omicron Variant of SARS-CoV-2: A Systematic Review and Meta-Analysis. *Cells*, 12(3).

Nguyen PK, et al. (2023) Modeling Human Lung Cells Exposure to Wildfire Uncovers Aberrant lncRNAs Signature. *Biomolecules*, 13(1).

von Bartheld CS, et al. (2023) Prevalence of Olfactory Dysfunction with the Omicron Variant of SARS-CoV-2: A Systematic Review and Meta-analysis. *medRxiv : the preprint server for health sciences*.