Resource Summary Report

Generated by RRID on May 15, 2025

Marshall University School of Medicine Genomics Core Facility

RRID:SCR_018885
Type: Tool

Proper Citation

Marshall University School of Medicine Genomics Core Facility (RRID:SCR_018885)

Resource Information

URL: https://jcesom.marshall.edu/research/office-of-research-and-graduate-education/core-facilities/genomics/

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Description: Core provides services including high throughput next generation sequencing (NGS) to support whole genome, whole exome, RNA-Seq, single cell RNA-Seq, microbiome and global chromatin and methylation studies, biostatistical and bioinformatic support for NGS projects, access to DNA/RNA sequence analysis software, automated Sanger DNA sequencing, genotyping and RNA/DNA quality assessment, access to shared instrumentation such as plate readers, real time thermal cyclers, Agilent Bioanalyzers, fluorimeters, and spectrophotometers.

Synonyms: Marshall University Genomics Core Facility, MU Genomics Core Facility, Marshall University Genomics and Bioinformatics Core Facilities

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

Keywords: USEDit, genomics, next generation sequencing, biostatistical and bioinformatic support, RNA-Seq, global chromatin and methylation studies, ABRF

Funding: NIGMS P20GM103434;
NIGMS 1P20GM121299;
NIGMS 2U54GM104942

Resource Name: Marshall University School of Medicine Genomics Core Facility

Resource ID: SCR_018885

Alternate IDs: ABRF_163

Alternate URLs: https://coremarketplace.org/?FacilityID=163

Record Creation Time: 20220129T080342+0000

Record Last Update: 20250514T061845+0000

Ratings and Alerts

No rating or validation information has been found for Marshall University School of Medicine Genomics Core Facility.

No alerts have been found for Marshall University School of Medicine Genomics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Shultz C, et al. (2023) Association of genetic variants and survival in patients with acute myeloid leukemia in rural Appalachia. Cancer reports (Hoboken, N.J.), 6(3), e1746.

Barrett CF, et al. (2023) Mitochondrial genome sequencing and analysis of the invasive Microstegium vimineum : a resource for systematics, invasion history, and management. bioRxiv : the preprint server for biology.

Lin J, et al. (2023) RNA-Seq Dissects Incomplete Activation of Phytoalexin Biosynthesis by the Soybean Transcription Factors GmMYB29A2 and GmNAC42-1. Plants (Basel, Switzerland), 12(3).

Barrett CF, et al. (2022) Digitized collections elucidate invasion history and patterns of awn polymorphism in Microstegium vimineum. American journal of botany, 109(5), 689.

Barrett CF, et al. (2022) Lineage and role in integrative taxonomy of a heterotrophic orchid complex. Molecular ecology, 31(18), 4762.

Souder K, et al. (2021) Role of dipA and pilD in Francisella tularensis Susceptibility to Resazurin. Antibiotics (Basel, Switzerland), 10(8).