

Resource Summary Report

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Wisconsin-Madison University Biotechnology Center DNA Sequencing Core Facility

RRID:SCR_017759

Type: Tool

Proper Citation

Wisconsin-Madison University Biotechnology Center DNA Sequencing Core Facility
(RRID:SCR_017759)

Resource Information

URL: <http://www.biotech.wisc.edu/facilities/dnaseq/home>

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Description: Core provides sequencing resources. Service support for Illumina Next Generation and Sanger sequencing projects, from project design and sample preparation through downstream analysis. Provides DNA extraction, SNP genotyping, and fragment analysis services, and can facilitate custom projects upon request.

Synonyms: UWBC DNA Sequencing Facility

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

Keywords: Sequencing, next, generation, Sanger, design, sample, preparation, analysis, DNA, extraction, SNP, genotyping, service, core

Availability: Open

Resource Name: Wisconsin-Madison University Biotechnology Center DNA Sequencing Core Facility

Resource ID: SCR_017759

Alternate IDs: ABRF_294

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260729T044441+0000

Ratings and Alerts

No rating or validation information has been found for Wisconsin-Madison University Biotechnology Center DNA Sequencing Core Facility.

No alerts have been found for Wisconsin-Madison University Biotechnology Center DNA Sequencing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 95 mentions in open access literature.

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

Yuan NY, et al. (2025) Neural organoids incorporating microglia to assess neuroinflammation and toxicities induced by known developmental neurotoxins. *Current research in toxicology*, 9, 100252.

Polaki US, et al. (2025) Loss of GATA2 promotes invasion and predicts cancer recurrence and survival in uterine serous carcinoma. *JCI insight*, 10(9).

Aiyesa LV, et al. (2025) Individual plant genetics reveal the control of local adaptation in European maize landraces. *BMC biology*, 23(1), 138.

Trautman ME, et al. (2025) Dietary isoleucine content modulates the metabolic and molecular response to a Western diet in mice. *Molecular metabolism*, 101, 102248.

Saldaña CL, et al. (2025) Mitochondrial genome assembly of the Peruvian Paso horse through PacBio long-read sequencing. *Scientific reports*, 16(1), 85.

Illiano J, et al. (2025) A low-protein diet drives short- and long-term improvements in metabolic health in a mouse model of sleeve gastrectomy. *Cell reports. Medicine*, 6(12), 102471.

Feng JW, et al. (2025) A haplotype-resolved pangenome of the barley wild relative *Hordeum bulbosum*. *Nature*, 645(8080), 429.

Berman RF, et al. (2025) GFAP mutation and astrocyte dysfunction lead to a neurodegenerative profile with impaired synaptic plasticity and cognitive deficits in a rat model of Alexander disease. *eNeuro*, 12(3).

Kazen AB, et al. (2025) Gut Microbiota and Neurovascular Patterns in Amnesic Mild Cognitive Impairment. *Brain sciences*, 15(6).

Edwards KL, et al. (2025) Robust generation of photoreceptor-dominant retinal organoids from porcine induced pluripotent stem cells. *Stem cell reports*, 20(4), 102425.

Veith AC, et al. (2025) The draft genome of the Wisconsin Miniature SwineTM, a valuable biomedical research tool. *G3* (Bethesda, Md.), 15(6).

Hutchison ER, et al. (2025) GPR41 deficiency alters the gut microbiota-bile acid axis, reduces ileal expression of *Npc1l1*, and attenuates hypercholesterolemia in male mice. *Gut microbes*, 17(1), 2598957.

Bao K, et al. (2025) Contrasting mutation patterns in haploid and diploid cells from two yeast species. *bioRxiv* : the preprint server for biology.

Kolling FW, et al. (2025) Multi-site Assessment of Methods for Cell Preservation Upstream of Single Cell RNA Sequencing. *bioRxiv* : the preprint server for biology.

Jiang N, et al. (2025) Deletion detection in SARS-CoV-2 genomes using multiplex-PCR sequencing from COVID-19 patients: elimination of false positives. *medRxiv* : the preprint server for health sciences.

Miller ST, et al. (2025) Energetic and structural control of polyspecificity in a multidrug transporter. *bioRxiv* : the preprint server for biology.

Saha S, et al. (2025) Diminished immune cell adhesion in hypoimmune ICAM-1 knockout human pluripotent stem cells. *Nature communications*, 16(1), 7415.

Sun Y, et al. (2025) High-quality draft genome sequence of the tropical lichen-forming fungus *Lecanora helva* (Lecanoraceae, Ascomycota). *Microbiology resource announcements*, 14(11), e0061025.

Salido E, et al. (2025) The 9p21.3 Coronary Artery Disease Risk Locus Drives Vascular Smooth Muscle Cells to an Osteochondrogenic State. *Arteriosclerosis, thrombosis, and vascular biology*, 45(5), 702.

Rolling WR, et al. (2025) Combining genome-wide association and genomic prediction to unravel the genetic architecture of carotenoid accumulation in carrot. *The plant genome*, 18(1), e20560.