# **Resource Summary Report**

Generated by NIF on May 21, 2025

# **DNASU Core Facility**

RRID:SCR\_012185

Type: Tool

### **Proper Citation**

DNASU Core Facility (RRID:SCR\_012185)

#### Resource Information

URL: https://dnasu.org/DNASU/Home.do

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**Description:** Core Facility within the Center For Personalized Diagnostics offers both Sanger DNA sequencing and Illumina NGS services (HiSeq 2000). DNASU is also a central repository for plasmid clones and collections. We currently store and distribute over 191,000 plasmids including over 75,000 human and mouse plasmids, full genome collections from numerous organisms, the protein expression plasmids from the Protein Structure Initiative as the PSI:Biology-Materials Repository (PSI:Biology-MR), and both small and large collections from individual researchers.

**Abbreviations:** DNASU Core Facility

**Synonyms:** DNASU Core Facility at Arizona State University

Resource Type: material resource, biomaterial supply resource

**Keywords:** dna sequencing, next generation sequencing, plasmid

**Funding:** 

Resource Name: DNASU Core Facility

Resource ID: SCR\_012185

Alternate IDs: SciEx\_10298

Alternate URLs: http://www.scienceexchange.com/facilities/dnasu-core-facility-asu

**Record Creation Time:** 20220129T080308+0000

**Record Last Update**: 20250519T204945+0000

## **Ratings and Alerts**

No rating or validation information has been found for DNASU Core Facility.

No alerts have been found for DNASU Core Facility.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 16 mentions in open access literature.

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

Koehler MA, et al. (2024) Discovery of a Unique Set of Dog-Seroreactive Coccidioides Proteins Using Nucleic Acid Programmable Protein Array. Journal of fungi (Basel, Switzerland), 10(5).

Rolli S, et al. (2024) Clearing the JUNQ: the molecular machinery for sequestration, localization, and degradation of the JUNQ compartment. Frontiers in molecular biosciences, 11, 1427542.

Zhao Y, et al. (2024) Long noncoding RNA Malat1 protects against osteoporosis and bone metastasis. Nature communications, 15(1), 2384.

Huang HC, et al. (2024) MAOB expression correlates with a favourable prognosis in prostate cancer, and its genetic variants are associated with the metastasis of the disease. Journal of cellular and molecular medicine, 28(8), e18229.

Lee YJ, et al. (2024) Novel PAX9 Mutations Causing Isolated Oligodontia. Journal of personalized medicine, 14(2).

Lei L, et al. (2023) CFTR-rich ionocytes mediate chloride absorption across airway epithelia. The Journal of clinical investigation, 133(20).

Calle B, et al. (2023) Bump-and-hole engineering of human polypeptide N-acetylgalactosamine transferases to dissect their protein substrates and glycosylation sites in cells. STAR protocols, 4(1), 101974.

Kloss B, et al. (2022) Genomics-based strategies toward the identification of a Z-ISO

carotenoid biosynthetic enzyme suitable for structural studies. Methods in enzymology, 671, 171.

Fang W, et al. (2021) ZHX2 promotes HIF1? oncogenic signaling in triple-negative breast cancer. eLife, 10.

Qian C, et al. (2021) Localization, proteomics, and metabolite profiling reveal a putative vesicular transporter for UDP-glucose. eLife, 10.

Tang Y, et al. (2020) Construction of gateway-compatible baculovirus expression vectors for high-throughput protein expression and in vivo microcrystal screening. Scientific reports, 10(1), 13323.

Prendergast L, et al. (2020) Resolution of R-loops by INO80 promotes DNA replication and maintains cancer cell proliferation and viability. Nature communications, 11(1), 4534.

Nakatake Y, et al. (2020) Generation and Profiling of 2,135 Human ESC Lines for the Systematic Analyses of Cell States Perturbed by Inducing Single Transcription Factors. Cell reports, 31(7), 107655.

Nagaratnam N, et al. (2020) Enhanced X-ray diffraction of in vivo-grown ?NS crystals by viscous jets at XFELs. Acta crystallographica. Section F, Structural biology communications, 76(Pt 6), 278.

Kazakov AS, et al. (2020) Interferon Beta Activity Is Modulated via Binding of Specific S100 Proteins. International journal of molecular sciences, 21(24).

Trastoy B, et al. (2020) Structural basis of mammalian high-mannose N-glycan processing by human gut Bacteroides. Nature communications, 11(1), 899.