

Resource Summary Report

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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.

Synonyms: , DNASU Core Facility at Arizona State University, Arizona State University DNASU Core Facility, DNA Storage and University plasmid repository

Resource Type: biomaterial supply resource, core facility, service resource, material resource, access service resource

Defining Citation: [PMID:24225319](#)

Keywords: dna sequencing, next generation sequencing, plasmid, repository for plasmid clones and collections,

Resource Name: DNASU Core Facility

Resource ID: SCR_012185

Alternate IDs: SciEx_10298

Old URLs: <http://www.scienceexchange.com/facilities/dnasu-core-facility-asu>

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260803T040607+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 19 mentions in open access literature.

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

Ho KH, et al. (2025) MAOB promotes ROS-mediated DNA damage, triggering a cyclic MAOB-HNF1A-53BP1-p53 axis that suppresses the malignancy of clear cell renal cell carcinoma. Redox biology, 88, 103945.

Márquez-Moñino MÁ, et al. (2025) Molecular basis of Fab-dependent IgA antibody recognition by gut-bacterial metallopeptidases. The EMBO journal, 44(17), 4867.

Huang X, et al. (2025) CDK4/6 Inhibition Reverses MEIS2 Suppression of CRL4 CRBN to Enhance Immunomodulatory Drug Therapy in Multiple Myeloma. bioRxiv : the preprint server for biology.

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).

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

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.

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 α 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.

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

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

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.

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