

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

Illumina: NextSeq 2000 system

RRID:SCR_023614

Type: Tool

Proper Citation

Illumina: NextSeq 2000 system (RRID:SCR_023614)

Resource Information

URL: <https://www.illumina.com/systems/sequencing-platforms/nextseq-1000-2000.html>

Proper Citation: Illumina: NextSeq 2000 system (RRID:SCR_023614)

Description: Sequencing system supports range of methods such as exome sequencing, target enrichment, single-cell profiling.

Resource Type: instrument resource

Keywords: Sequencing system, Illumina, instrument, equipment, USEdit

Resource Name: Illumina: NextSeq 2000 system

Resource ID: SCR_023614

Alternate IDs: Model_Number_NextSeq 2000

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260808T190257+0000

Ratings and Alerts

No rating or validation information has been found for Illumina: NextSeq 2000 system.

No alerts have been found for Illumina: NextSeq 2000 system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Matchett CL, et al. (2026) Discovery and Validation of Molecular Biomarkers for Differentiation of Nondysplastic Barrett's Esophagus from High-grade Dysplasia and Esophageal Adenocarcinoma. Cancer prevention research (Philadelphia, Pa.), 19(1), 49.

Aggrey-Fynn JE, et al. (2026) Epigenetic context defines the transcriptional activity of canonical and noncanonical NF- κ B signaling in pancreatic cancer. Cell death discovery, 12(1).

Schlebusch SA, et al. (2026) Sex chromosome turnover and structural genome divergence shape meiotic outcomes in hybridizing *Cobitis*. GigaScience, 15.

Nasr MM, et al. (2026) PRDM16 Regulates Prostate Cancer Cell Dormancy and Prevents Bone Metastatic Outgrowth. Cancer research, 86(3), 604.

Foster M, et al. (2026) A Personalized Therapeutic Approach for Liver Cancers Expressing the African-Centric P47S Variant of TP53. Molecular cancer research : MCR, 24(7), 618.

Cappadona C, et al. (2026) Multi-omics identifies oxidative stress, prothrombotic pathways, and lactoperoxidase variants as key factors in COVID-19 severity. EBioMedicine, 123, 106111.

Miyamoto T, et al. (2026) Chemotherapy induces an IL1 β -dependent neutrophil recruitment and activation that promote chemoresistance in metastatic ovarian cancer. Journal for immunotherapy of cancer, 14(6).

Stern YE, et al. (2026) Targeting CDK12/13 Drives Mitotic Arrest to Overcome Resistance to KRASG12C Inhibitors. Cancer research, 86(2), 485.

Kafka E, et al. (2026) TCA cycle rewiring underpins histone acetylation sourcing and cell-fate transitions during exit from naive pluripotency. Cell stem cell, 33(5), 820.

Turnquist A, et al. (2026) PI3K γ inhibition alters CD8 T cell differentiation and reprograms the tumor microenvironment following adoptive immunotherapy. Journal of immunology (Baltimore, Md. : 1950), 215(5).

Solanki HS, et al. (2026) RAS-GTP Inhibition Overcomes Acquired Resistance to KRASG12C Inhibitors Mediated by Oncogenic and Wild-Type RAS Activation in Non-Small Cell Lung Cancer. Cancer research, 86(2), 467.

Vuong TT, et al. (2026) DNA Methyltransferase Inhibition Prevents Platinum-Induced Ovarian Cancer Stem Cell Enrichment. Cancer research communications, 6(7), 1721.

Ennis CS, et al. (2025) Plasma exosomes from individuals with type 2 diabetes drive breast cancer aggression in patient-derived organoids. Communications biology, 8(1), 1276.

Franck L, et al. (2025) Elevated hexosylceramides in Parkinson's disease cause gene upregulations in neurons mimicking responses to pathogens. NPJ Parkinson's disease, 11(1), 268.

Peyraud F, et al. (2025) Spatially resolved transcriptomics reveal the determinants of primary resistance to immunotherapy in NSCLC with mature tertiary lymphoid structures. Cell reports. Medicine, 6(2), 101934.

Ospina OE, et al. (2025) spatialGE Is a User-Friendly Web Application That Facilitates Spatial Transcriptomics Data Analysis. Cancer research, 85(5), 848.

Eguchi S, et al. (2025) CXCL10-induced chemotaxis of ex vivo-expanded natural killer cells combined with NKTR-255 enhances anti-tumor efficacy in osteosarcoma. Molecular therapy. Oncology, 33(4), 201051.

Chrysostomakis I, et al. (2025) A high-quality reference genome for the Ural Owl (*Strix uralensis*) enables investigations of cell cultures as a genomic resource for endangered species. GigaScience, 14.

Mesropian A, et al. (2025) E7386 Enhances Lenvatinib's Antitumor Activity in Preclinical Models and Human Hepatocellular Carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(23), 5037.

Clarke D, et al. (2025) A vascular-associated fibroblastic cell controls pancreatic islet immunity. Cell reports, 44(9), 116189.