

Resource Summary Report

Generated by [RRID](#) on Sep 21, 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: 20260919T195536+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 [RRID](#) .

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.

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.

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.

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