

Resource Summary Report

Generated by [RRID](#) on Aug 5, 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, USEEdit

Resource Name: Illumina: NextSeq 2000 system

Resource ID: SCR_023614

Alternate IDs: Model_Number_NextSeq 2000

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260801T190810+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 22 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.

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

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.

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.

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.

Stein-O'Brien GL, et al. (2025) Transcriptional signatures of hippocampal tau pathology in primary age-related tauopathy and Alzheimer's disease. *Cell reports*, 44(3), 115422.

Welch HF, et al. (2025) Molecular and functional asymmetry in Cckar-expressing vagal sensory neurons. *Cell reports*, 44(11), 116507.

Liu Y, et al. (2025) Single-cell RNA-seq identifies protracted mouse germline X chromosome reactivation dynamics directed by a PRC2-dependent mechanism. *Developmental cell*, 60(9), 1321.

Aragon JW, et al. (2025) Emergence of endothelial subtypes and role of cell cycle control in arterial-venous specification during embryonic vascular development. *Cell reports*, 44(10), 116368.

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. *Developmental cell*.

Wang Y, et al. (2025) PALB2 and 53BP1 govern post-resection homologous recombination DNA repair. *Molecular cell*, 85(15), 2824.

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.

Li H, et al. (2024) Protocol for isolating single species of bacteria with swarming ability from human feces. *STAR protocols*, 5(2), 102961.

Danev N, et al. (2024) Comparative transcriptomic analysis of bovine mesenchymal stromal cells reveals tissue-source and species-specific differences. *iScience*, 27(2), 108886.

Ray R, et al. (2024) Eliciting a single amino acid change by vaccination generates antibody protection against group 1 and group 2 influenza A viruses. *Immunity*, 57(5), 1141.