Resource Summary Report

Generated by dkNET on Jul 29, 2026

Illumina: NextSeq 550Dx System

RRID:SCR_016384
Type: Tool

Proper Citation

Illumina: NextSeq 550Dx System (RRID:SCR_016384)

Resource Information

URL: https://www.illumina.com/systems/sequencing-platforms/nextseq-dx.html

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Description: Sequencer that is CE-in vitro diagnostic (IVD) marked, enabling clinical laboratories to develop and perform a wide range of applications, from NGS IVD assays using targeted panels, to clinical research applications that include methods from targeted panels to whole genomes.

Synonyms: NextSeq 550Dx, NextSeq 550Dx System

Resource Type: instrument resource

Keywords: Illumina, Sequencing System, Instrument Equipment, USEDit,

Availability: Restricted

Specification URL: https://drive.google.com/file/d/1TLMEc9XEyE2pDdNwVV85hfWDhAbDU6Le/view?usp=drivesdk

Resource Name: Illumina: NextSeq 550Dx System

Resource ID: SCR_016384

Alternate IDs: SCR_020138, Model_Number_NextSeq 550Dx

Alternate URLs: https://www.illumina.com/content/dam/illumina/gcs/assembled-assets/marketing-literature/nextseq-550-dx-spec-sheet-m-gl-00035/nextseq-550-dx-instrument-spec-sheet-m-gl-00035.pdf

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260725T190822+0000

Ratings and Alerts

No rating or validation information has been found for Illumina: NextSeq 550Dx System.

No alerts have been found for Illumina: NextSeq 550Dx System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

Klemm N, et al. (2025) The Prolonged Half-Life of the p53 Missense Variant R248Q Promotes Accumulation and Heterotetramer Formation with Wild-Type p53 to Exert the Dominant-Negative Effect. Cancer research, 85(11), 1978.

Wang T, et al. (2025) Multiomics analysis provides insights into musk secretion in muskrat and musk deer. GigaScience, 14.

Carr A, et al. (2025) Tumor diagnosis recharacterization enabled by comprehensive genomic profiling to guide precision medicine strategy. NPJ precision oncology, 9(1), 149.