Resource Summary Report

Generated by NIF on May 18, 2025

NanoString nCounter Analysis System

RRID:SCR_021712
Type: Tool

Proper Citation

NanoString nCounter Analysis System (RRID:SCR_021712)

Resource Information

URL: https://www.nanostring.com/products/ncounter-analysis-system/ncounter-systems-overview/

Proper Citation: NanoString nCounter Analysis System (RRID:SCR_021712)

Description: System includes hardware and software. Options include nCounter SPRINT,nCounter MAX or nCounter FLEX. Platform used for multiplex analysis of up to 800 RNA, DNA, or protein targets. System can be combined with GeoMx Digital Spatial Profiler (DSP) to enable high-plex, spatially-resolved RNA, and protein quantification.

Abbreviations: nCounter

Synonyms: nCounter Analysis System

Resource Type: instrument resource

Keywords: Multiplex analysis, RNA analysis, DNA analysis, Protein analysis, NanoString Differential Expression, NanoString, analysis system, instrument, equipment, USEDit, ABRF

Funding:

Availability: Commercially available

Resource Name: NanoString nCounter Analysis System

Resource ID: SCR_021712

Record Creation Time: 20220129T080357+0000

Record Last Update: 20250420T015132+0000

Ratings and Alerts

No rating or validation information has been found for NanoString nCounter Analysis System.

No alerts have been found for NanoString nCounter Analysis System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Stewart AN, et al. (2025) Nonresolving Neuroinflammation Regulates Axon Regeneration in Chronic Spinal Cord Injury. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(1).

Sekyi MT, et al. (2024) Demyelination and neurodegeneration early in experimental autoimmune encephalomyelitis contribute to functional deficits in the anterior visual pathway. Scientific reports, 14(1), 24048.

Chaubal R, et al. (2024) Surgical Tumor Resection Deregulates Hallmarks of Cancer in Resected Tissue and the Surrounding Microenvironment. Molecular cancer research : MCR, 22(6), 572.

Ong JLK, et al. (2024) Exosomal mRNA Cargo are biomarkers of tumor and immune cell populations in pediatric osteosarcoma. Translational oncology, 46, 102008.

Yee CS, et al. (2024) The osteocytic actions of glucocorticoids on bone mass, mechanical properties, or perilacunar remodeling outcomes are not rescued by PTH(1-34). Frontiers in endocrinology, 15, 1342938.

Marshall Moscon S, et al. (2024) A common variant in the iron regulatory gene (Hfe) alters the metabolic and transcriptional landscape in brain regions vulnerable to neurodegeneration. Journal of neurochemistry, 168(9), 3132.

Lim YJ, et al. (2024) MicroRNA-19b exacerbates systemic sclerosis through promoting Th9 cells. Cell reports, 43(8), 114565.

Niwa Y, et al. (2023) Liposome-Encapsulated Eribulin Shows Enhanced Antitumor Activity over Eribulin for Combination Therapy with Anti-PD-1 Antibody. Molecular cancer therapeutics, 22(4), 499.

Cuesta-Borràs E, et al. (2023) DPPA3-HIF1? axis controls colorectal cancer

chemoresistance by imposing a slow cell-cycle phenotype. Cell reports, 42(8), 112927.

Sperber HS, et al. (2023) The hypoxia-regulated ectonucleotidase CD73 is a host determinant of HIV latency. Cell reports, 42(11), 113285.

Whittaker DS, et al. (2023) Circadian modulation by time-restricted feeding rescues brain pathology and improves memory in mouse models of Alzheimer's disease. Cell metabolism, 35(10), 1704.

Matthews I, et al. (2023) Skeletal muscle TFEB signaling promotes central nervous system function and reduces neuroinflammation during aging and neurodegenerative disease. Cell reports, 42(11), 113436.

Krieg PF, et al. (2022) GPR52 regulates cAMP in T cells but is dispensable for encephalitogenic responses. Frontiers in immunology, 13, 1113348.

Wu MJ, et al. (2022) Mutant IDH Inhibits IFN?-TET2 Signaling to Promote Immunoevasion and Tumor Maintenance in Cholangiocarcinoma. Cancer discovery, 12(3), 812.

Loh AHP, et al. (2022) Pro-metastatic and mesenchymal gene expression signatures characterize circulating tumor cells of neuroblastoma patients with bone marrow metastases and relapse. Frontiers in oncology, 12, 939460.

Lee C, et al. (2018) M1 macrophage recruitment correlates with worse outcome in SHH Medulloblastomas. BMC cancer, 18(1), 535.

Wang L, et al. (2017) Altered GNAS imprinting due to folic acid deficiency contributes to poor embryo development and may lead to neural tube defects. Oncotarget, 8(67), 110797.

Deniger DC, et al. (2015) Sleeping Beauty Transposition of Chimeric Antigen Receptors Targeting Receptor Tyrosine Kinase-Like Orphan Receptor-1 (ROR1) into Diverse Memory T-Cell Populations. PloS one, 10(6), e0128151.

Yang K, et al. (2014) UVB-induced gene expression in the skin of Xiphophorus maculatus Jp 163 B. Comparative biochemistry and physiology. Toxicology & pharmacology : CBP, 163, 86.

Deniger DC, et al. (2013) Bispecific T-cells expressing polyclonal repertoire of endogenous ?? T-cell receptors and introduced CD19-specific chimeric antigen receptor. Molecular therapy : the journal of the American Society of Gene Therapy, 21(3), 638.