Resource Summary Report

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NanoString GeoMx Tools

RRID:SCR_023424
Type: Tool

Proper Citation

NanoString GeoMx Tools (RRID:SCR_023424)

Resource Information

URL: https://github.com/Nanostring-Biostats/GeomxTools/

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Description: Software package contains tools for analyzing data from NanoString GeoMx Digital Spatial Profiler. Provides functions to read, quality control and normalize starting from Nanostring DCC and PKC files generated from NanoString GeoMx DSP. Contains definition of NanoStringGeoMxSet class which inherits from Biobase's ExpressionSet class and NanoStringRCCSet class.

Synonyms: GeoMxTools

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: NanoString GeoMx Digital Spatial Profiler, Nanostring DCC, PKC files, NanoString GeoMx DSP, Biobase ExpressionSet class, NanoStringRCCSet class,

Availability: Free, Available for download, Freely available

Resource Name: NanoString GeoMx Tools

Resource ID: SCR_023424

Alternate URLs: https://bioconductor.org/packages/GeomxTools/

License: MIT License

Record Creation Time: 20230330T050214+0000

Record Last Update: 20260829T182827+0000

Ratings and Alerts

No rating or validation information has been found for NanoString GeoMx Tools.

No alerts have been found for NanoString GeoMx Tools.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Zhang Y, et al. (2026) Aberrant cellular communities underlying disease heterogeneity in chronic obstructive pulmonary disease. Nature genetics, 58(2), 376.

Sbierski-Kind J, et al. (2026) Type 2 lymphocytes restrict type 3 lymphocytes during liver fibrosis and colocalize in fibroblast niches. Science advances, 12(11), eaea6805.

Boesch M, et al. (2026) Integrated multi-omics identifies distinct macrophage alterations during progression of metabolic dysfunction-associated steatohepatitis. Nature genetics, 58(6), 1295.

Chadwick Q, et al. (2026) Spatial and bulk transcriptomics reveal distinct molecular signatures in Kaposi sarcoma with and without other KSHV-associated diseases. Journal of translational medicine, 24(1).

Jerez S, et al. (2026) Macrophages expressing macrophage receptor with collagen structure attenuate liver fibrosis through a tissue restoration phenotype. JCI insight, 11(6).

Joy N, et al. (2026) Notch signaling stabilizes lengths of motile cilia in multiciliated cells in the lung. Life science alliance, 9(3).

Savani MR, et al. (2026) Stable isotope tracing in human plasma-like medium reveals metabolic and immune modulation of the glioblastoma microenvironment. Neuro-oncology, 28(2), 415.

Moody SC, et al. (2026) Spatial transcriptomics mapping of immune cell and TGF? signalling pathway heterogeneity in testicular germ cell tumours. Andrology, 14(1), 210.

Spalato Ceruso M, et al. (2026) Adenosine A2B Receptor Promotes Tumor Progression and Metastases in Undifferentiated Pleomorphic Sarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1887.

Liu Y, et al. (2026) Spatially resolved single-cell landscape of tumor immunotypes reveals the central role of interferon signaling and plasmacytoid dendritic cells in triple-negative breast cancer. Journal for immunotherapy of cancer, 14(6).

van Oost S, et al. (2026) Immune infiltration is associated with distinct transcriptional states and metabolic profiles in chordomas. iScience, 29(5), 115668.

Piyadasa H, et al. (2025) Multi-omic landscape of human gliomas from diagnosis to treatment and recurrence. bioRxiv : the preprint server for biology.

Majerníková N, et al. (2025) Ferroptosis inhibition protects against ?-synuclein-related neuronal cell death. Cell death & disease, 17(1), 78.

Knisely A, et al. (2025) Surgical and Blood-Based Minimal Residual Disease in Patients with Ovarian Cancer after First-line Therapy: Clinical Outcomes and Translational Opportunities. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(19), 4122.

Burge KY, et al. (2025) Spatial transcriptomics delineates potential differences in intestinal phenotypes of cardiac and classical necrotizing enterocolitis. iScience, 28(4), 112166.

Chakraborty A, et al. (2025) Treatment Resistant Persister Cells Exploit Macrophage Lipid Metabolism to Sustain Glioblastoma Growth. bioRxiv : the preprint server for biology.

Morad G, et al. (2025) Microbial signals in primary and metastatic brain tumors. Nature medicine, 31(11), 3675.

Li J, et al. (2025) Mutational Analysis of Early, Low-Grade Bowel Polyps Defines a Subgroup with Concurrent, High-Risk Oncogenic Drivers Independent of Polyp Size. Cancer research communications, 5(8), 1372.

Sipes J, et al. (2025) Defining the Ovarian Cancer Precancerous Landscape through Modeling Fallopian Tube Epithelium Reprogramming Driven by Extracellular Vesicles. Cancer research communications, 5(8), 1266.

Giuntini F, et al. (2025) MYC inhibition by Omomyc causes DNA damage and overcomes PARPi resistance in breast cancer. Cell reports, 44(12), 116604.