GeoMx® DSP Software v2.1 Release Notes

The GeoMx DSP technology expands its functionality through the release of GeoMx DSP software version 2.1 in November 2020. Below is a list of this software version’s features as well as feature updates from version 2.0. For additional support or to report an issue with the software, email GeoMxSupport@nanoString.com.

Features

- Accommodation for up to four slides in a run
- Step-by-step data collection workflow
- ROI selection and segment creation tools within the Scan Workspace
- Downstream readout via NanoString® nCounter platforms (SPRINT, nCounter MAX, and nCounter FLEX instruments) and via Illumina platforms (i.e., MiSeq, NextSeq550, and NexSeq2000)
- Records management: including slide records, scan parameters, scans, and saved studies
- Administration options for users with administrative access
- Data Analysis Suite: combining spatial resolution of ROIs on scan with visualizations returned from nCounter counts or NGS readout

Feature Updates from v2.0

- Scan workspace v2.1 offers the following new features:
  - New user notifications in the Control Center.
  - Coordination with the newest version of GeoMx NGS Pipeline software, v2.0, to automatically process Illumina FASTQ sequencing files to GeoMx readable digital counts (DCC) for input back into the Data Analysis Suite.
  - Enhanced Data Analysis features, including improvements to QC: LOQ calculated separately, negative probe geomean flagged separately, and improvements to the CTA probe QC local outlier algorithm.
  - Data Analysis plot performance and display enhancements to support larger studies.
  - Cluster Analysis and Pathway Analysis as functions on the toolbar.
  - Data Analysis support for multiple CTA probe kits, enabling custom RNA NGS analysis.
  - Coordination with most recent GeoMx Auxiliary Server software.
  - Bug fixes, security, and usability improvements.

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