

Local Run Manager

Generate FASTQ Analysis Module

v2.0.1

Release Notes

Introduction

These Release Notes detail notable items for the Local Run Manager Generate FASTQ Analysis Module v2.0.1 release.

Please note that the Generate FASTQ Analysis Module v2.0.1 requires Local Run Manager Framework v2.0.0 or higher and is not compatible with Local Run Manager Framework v1.3.1 or lower.

For more information about this analysis module and how to use it, refer to the Local Run Manager Generate FASTQ Analysis Module Workflow Guide, available from the Local Run Manager Support Page, Documentation & Literature, at illumina.com.

https://support.illumina.com/sequencing/sequencing_software/local-run-manager.html

NEW FEATURES:

- Added support for processing datasets generated from iSeq 100, MiniSeq, MiSeq, and NextSeq 550 sequencing systems.
- Added support for importing and exporting Sample Sheet files on the Run Setup page.
- Added support for the following Library Prep Kits:
 - IDT-ILMN TruSeq DNA-RNA UD Indexes 24 Indexes
 - IDT-ILMN TruSeq DNA-RNA UD Indexes 96 Indexes
 - TruSeq DNA-RNA CD Indexes 96 Indexes
 - TruSeq DNA-RNA Single Indexes Set A&B
 - Nextera DNA
 - Nextera XT
 - Nextera XT V2
 - Nextera DNA CD Indexes - 24 Indexes Tubed
 - Nextera DNA CD Indexes - 96 Indexes Plated
 - TruSeq Methyl Capture EPIC
 - SureCell WTA 3'
 - SureCell Single Cell RNA 1.0
 - TruSight Tumor 15
 - TruSight Tumor 26
 - Nextera Mate Pair
 - TruSeq Small RNA
 - TruSeq Amplicon
 - AmpliSeq Library PLUS for Illumina (96)
 - TruSeq Targeted RNA Expression
 - Nextera Rapid Capture Enrichment
 - TruSight Enrichment Panels
 - TruSight RNA Fusion
 - TruSight Amplicon Panels
 - TruSeq DNA Methylation
 - TruSeq Ribo Profile
 - ScriptSeq Complete

- ScriptSeq v2
- Added support for entering custom index sequences directly on the Run Setup page.
- Added support for the following special characters to be used as part of the "Run Name" and "Run Description" on the Run Setup page:
` ~ ! @ # \$ % - _ { }
- Increased the maximum number of samples on the Run Setup page from 384 to 1536.
- Digitally signed the module installer to allow installation on Illumina instruments with software restriction policies (SRP) enabled.

DEFECT REPAIRS:

- Fixed an issue where adapters sequences would not be trimmed if a user-created library prep kit was selected on the Run Setup page
- For platforms running RTA version 2.x, copy the IndexMetricsOut.bin file to the output run folder
- For non-MiSeq configurations using custom library prep kit, allow 'N's in the i5 index sequence to be correctly reverse complemented

KNOWN ISSUES:

- None