

DesignStudio Sequencing Software v5.0.0

Release Notes

For iSeq100, MiniSeq, MiSeq, NextSeq, and HiSeq

12-NOV-2018

Introduction

These Release Notes detail the key changes to software components for DesignStudio v5.0.0 since the v4.0.1 release

Because DesignStudio is an Illumina hosted web application, the new release affects all customers.

IMPROVEMENTS:

- This release provides a new custom assay design capability for building Spike-In panels to supplement AmpliSeq On-Demand panels. The AmpliSeq On-Demand assay enables selection of verified and optimized content at the gene level, up to 500 genes or 15,000 amplicons. Spike-In panels are two-pool designs with up to 123 amplicons per pool that provide coverage for genes not available in the On-Demand offering.

DEFECT REPAIRS:

- Fixed rare, intermittent issue with the AmpliSeq for Illumina assay design workflows where notification emails were not being sent to users upon completion of their designs.

KNOWN ISSUES:

- Uploading a targets list file over a slow internet connection may fail.
- On-Demand designs with Ordered Spike-In designs can be deleted from ViewDesigns page.
- Rare issue where default sort order of designs on ViewDesigns page is incorrect.
- "N/A" is displayed instead of 0% for Exons in expanded view in Regions grid for Spike-In designs.
- Small number of AmpliSeq On-Demand gene design details cannot be loaded in IGV.