

Sequencing Analysis Viewer

Software Release Notes

SAV 2.1.8

April 7th, 2017

Introduction

These Release Notes detail the key changes to the Sequencing Analysis Viewer (SAV) Software since the release of SAV version 1.11. This new version supports the display and analysis of run data from MiniSeq, MiSeq, NextSeq, HiScanSQ, all HiSeq (2000, 2500, 3000, 4000, and HiSeq X), and NovaSeq. For data generated on Illumina GAIIX sequencing instruments, continue using SAV 1.8.37.

This SAV version requires Windows .NET Framework 4.5.1 and Visual C++ Redistributable for Visual Studio 2015. If your system is using Windows .NET Framework 4 you are running a MiSeq with MiSeq Control Software v2.5 and lower, continue using SAV 1.8.37.

IMPROVEMENTS:

- Added compatibility support for NovaSeq 5000/6000 systems
- Added feature to manually set the scale (via right click) of the *Analysis* and *Indexing* X-Y plots
- Added "% No Call" metric to the "ByCycle" and "Flowcell" plots
- Added per-cycle values, as well as full-read slope and offset estimates, for phasing and prephasing to the "Imaging" and "Summary" tabs
- Changed the "Indexing" tab plots from scatter plots to bar charts.
- Added an "Expand" button to the "Flowcell" plot

DEFECT REPAIRS:

- None

KNOWN ISSUES:

- Loading NovaSeq runs from a network location may be slow.
- SAV may crash if the software attempts to load a run containing a malformed InterOp file.

OTHER:

- Removed the "Time" column from the "Imaging" tab
- Moved cycle status from the "Analysis" tab to the "Summary" tab