Version 3.1.8

Added and Updated the Following Features from v3.1.5

Feature	Description	Risk	Algorithm Change
CHM Print Reports	When one dye is selected to print, egram size is increased for optimized viewing	Minor	No
Disabled Auto Elevate of Raw Data	In previous versions the raw data signals were being automatically lifted if negative signals were present. The signal is no longer lifted, peak heights may differ slightly in raw and processed data when compared to previous versions.	Major	Yes
Superior Baseline Subtraction	Additional baseline subtraction method which reads the trace in 100 frame sections. Affects data with raised bubble in low mw, samples with closely spaced low RFU peaks and samples with tailing ion front	Major	Yes
Panel Calibration Improvement	Algorithm changes made to optimize panel alignment and analysis of closely spaced peaks. These changes are helpful for data with atypical migration patterns.	Major	Yes
User Interface Update Importing data	Improved the user interface for dye channel designation; includes ability to add new supplier and dye names.	Moderate	No
Maternal Cell Contamination (MCC) Application	Added "Maternal and Fetal genotypes are identical- no fetal genotype detected" message to the Excel report	Minor	No

Corrected the Following Bugs

Feature	Description	Risk	Algorithm Change
Double Donor CHM settings	The deconvolution settings were changing when settings are grayed in Double Donor Application	Moderate	No
Incorrect sample assignment when project is re-opened	User-reported mixture/post samples labeled as allelic ladder samples when project was re-opened. Issue due to automatic sorting and software using ladder index incorrectly.	Moderate	No
PDF reports saving incorrectly	1. Main analysis screen print: not saving a single PDF for each sample if the sample is on more than one page	Minor	No

PDF reports saving incorrectly cont.	2. Double Donor CHM application print: saving multiple PDFs instead of one PDF with multiple pages	Minor	No
Incorrect ignore reason on Individual Marker Print Report	The ignore reason was reported as Auto for any ignored markers. The ignore reason is now reported correctly (SAI, IMB, Stutter, Auto).	Minor	No
Group Samples by Run Date	Some samples being sorted incorrectly due to order they were added to the project	Minor	No
Applying both stutter options in SD CHM application	If "Apply Stutter Adjustment" was selected first, the user was still able to turn on the Ignore Stutter option resulting in both settings being applied to the data.	Minor	No
Output Trace Data	6-dye data not exporting in .SG1 format	Minor	No

Description of risk categories:

- Minor - cosmetic; such as changes to the graphic user interface and reporting options

  (no algorithm change)

- Moderate - includes additional parameters or functions that may affect the final report

  (no algorithm change)

- Major - includes algorithm change(s) and is evaluated by concordance testing.