

## Revisions

Feature	Description	Affected	Result	Risk	Algorithm Change
PDF Report Format	New option allows print reports to be saved in PDF format, in addition to JPG and PNG.	Print Reports generated from Main Analysis Window and linked applications. Expanded user interface.	Reports can now be saved in PDF, JPG, or PNG format.	Minor	No
Additional Quality Control Measures	MLPA templates contain a warning when QC parameters are turned off	All MLPA analyses	Warns user to a change in QC analysis parameters	Medium	No
Final MLPA report	Report has Red font message if QC fragment(s) for the sample failed	Any sample with failed QC fragments	Additional information on data quality included in the final report	Medium	No
Additional peak quality reason flags	Saturation Detection (SD) flagging for peaks that have saturation information from the .fsa file or have saturation detection due to the peak morphology. Quality Reason is SD and a red underscore at the location in the electropherogram; HI QR assigned to any peak above the Max Intensity	Any peak that cannot have Sat/Rep performed when the Saturation Repair parameter is selected OR any peak that has saturation when the Saturation Repair parameter is not selected	Improved warning to the researcher when data peak(s) are saturated. Saturated and Saturated/repared peaks are <b>not</b> recommended for any quantitative calculations	Major	Yes
Option In View Preferences Display tab to Assign a ? warning to samples with any QR flags	If selected, there will be a ? in the file name tree and pop-up warning message when the user selects a post-genotyping application if the flags are not resolved.	Any samples that have QR flagged peaks	Additional warning to researcher prior to performing post-genotyping applications	Medium	No
Common Export Directory	Specify Export Directory in View – Preferences – Start up Settings	Saved files	More efficient path for saving to common location	Minor	No

### Description of risk categories:

- Minor - cosmetic; such as changes to the graphic user interface and reporting options  
(no algorithm change)
- Medium - 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.