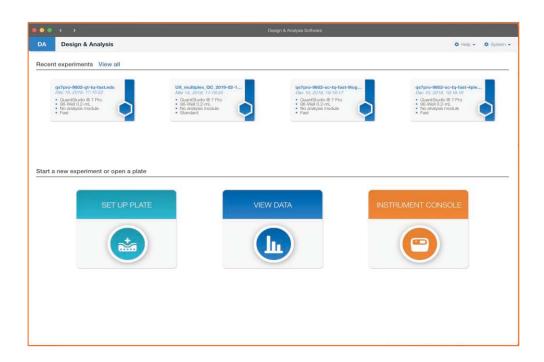
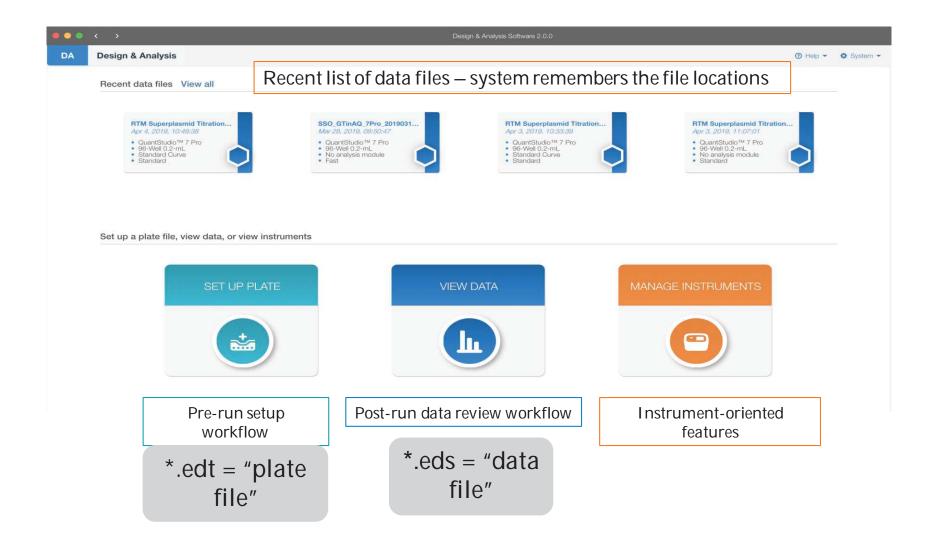
Design and Analysis Software – Desktop & Online

- One experience for both desktop or online workflows
- Desktop version is compatible with PC and MAC computers
- Supports flexible decision making process no experiment type
- Enables gene expression and genotyping on same run
- Take template driven approach for easy use and learning
- Interactive data visualization
- Streamlined OC

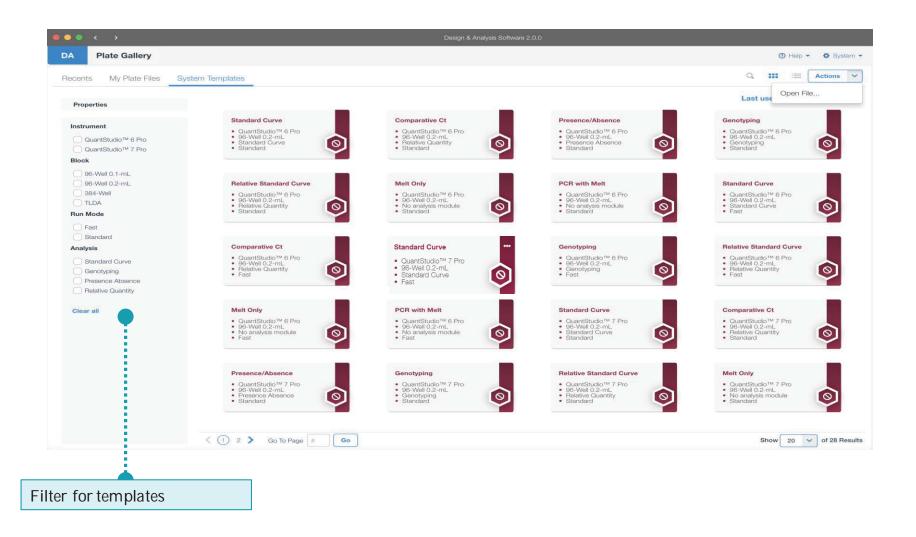




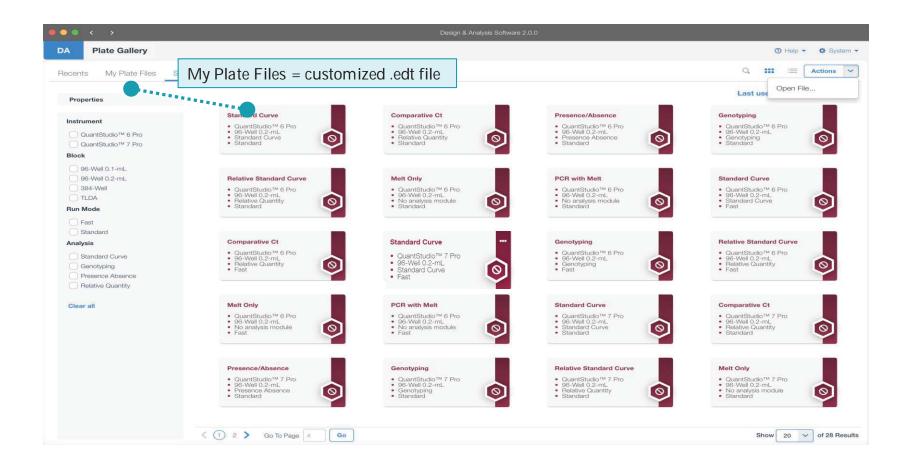
Landing Page



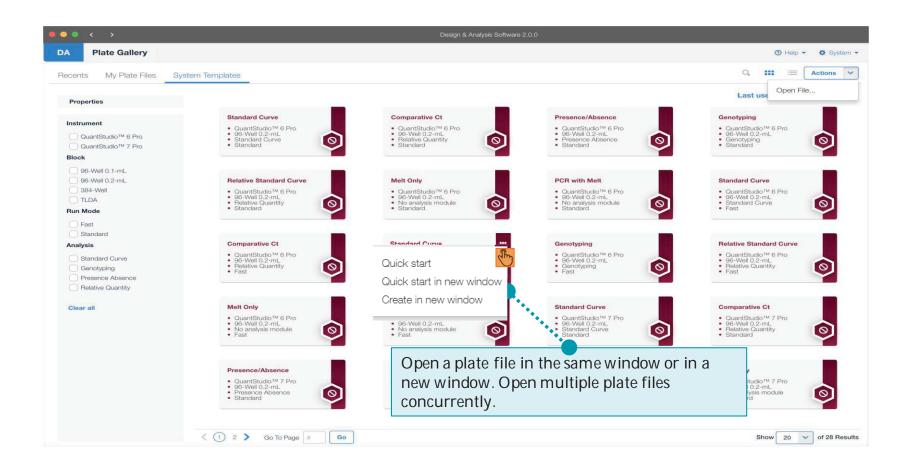




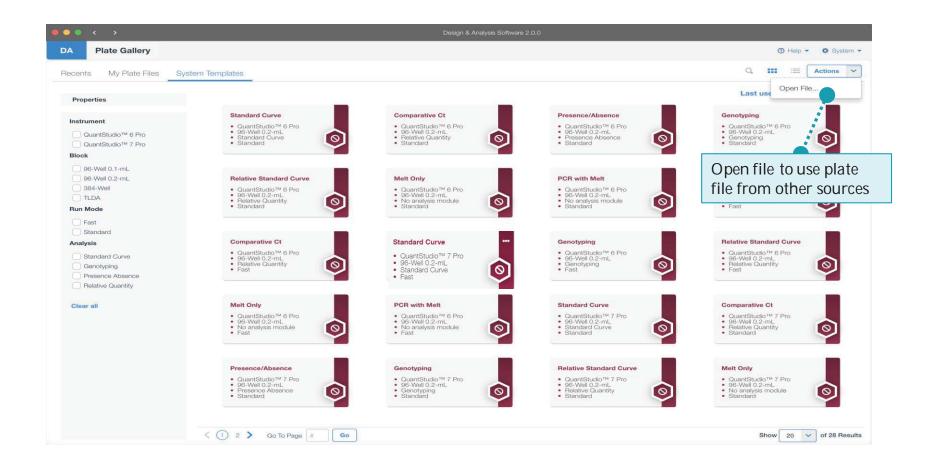














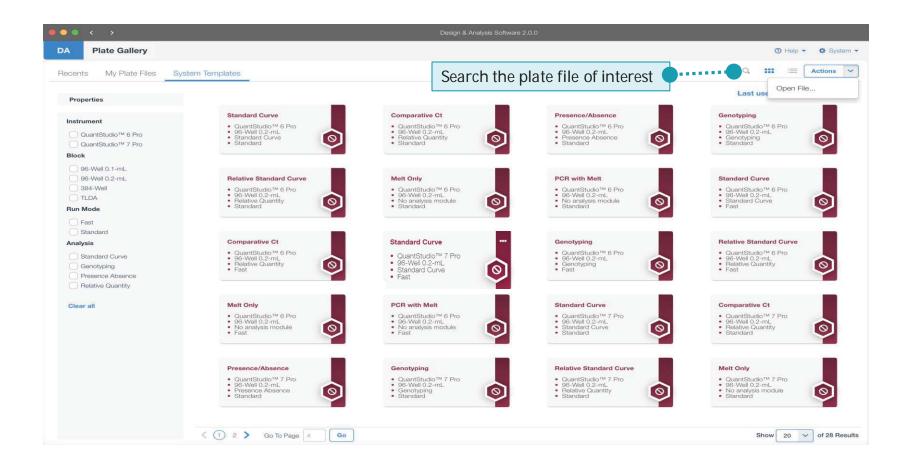




Plate File - Run Method

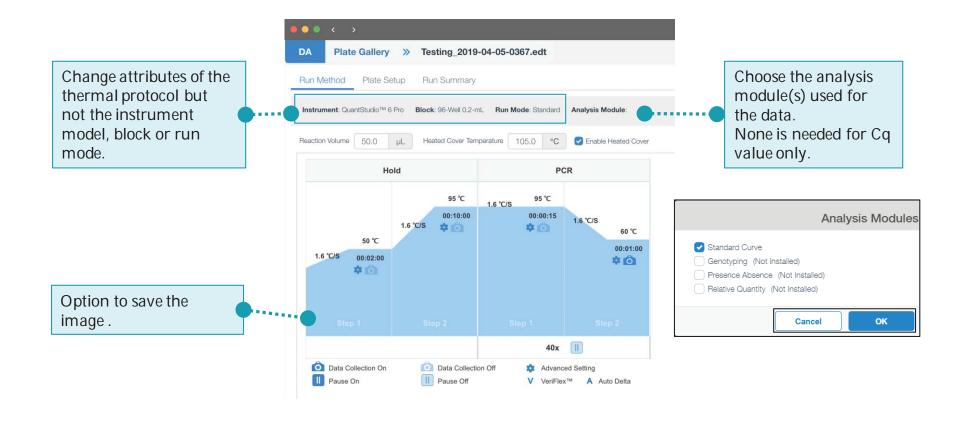




Plate File - Plate Setup

- Three methods for well assignment
 - 1. Excel style data entry, including copy & paste plate layout or just sample/target list
 - 2. Conventional "define & assign"
 - 3. Import from csv

- Navigation assistant
 - 1. Continuous zoom scale
 - 2. Thumb nail view of plate layout by sample/target
 - 3. Print plate layout by xls export

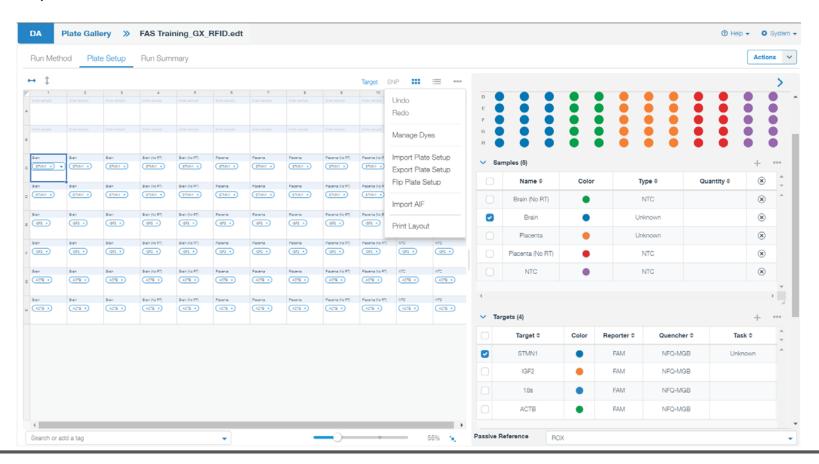




Plate File - Plate Setup

- Each sample has a sample type
- Define the purpose of the sample on the plate
- System will set the "task" (definition as is) based on the sample type. User can change it on as needed basis, e.g. unknown or NTC.

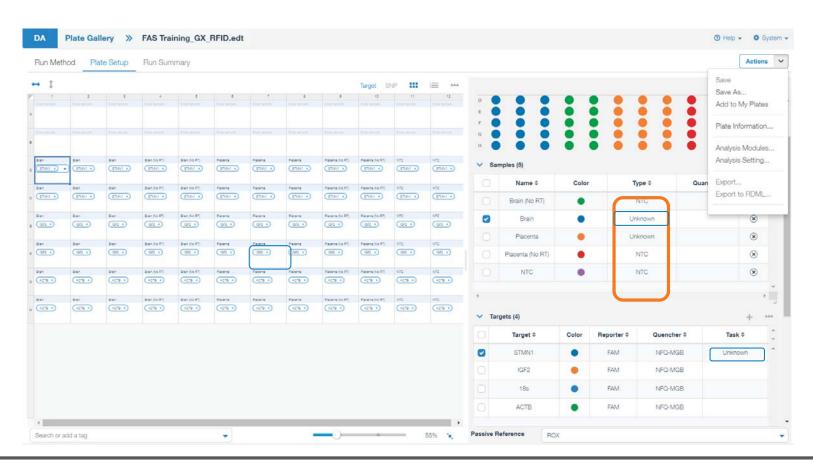
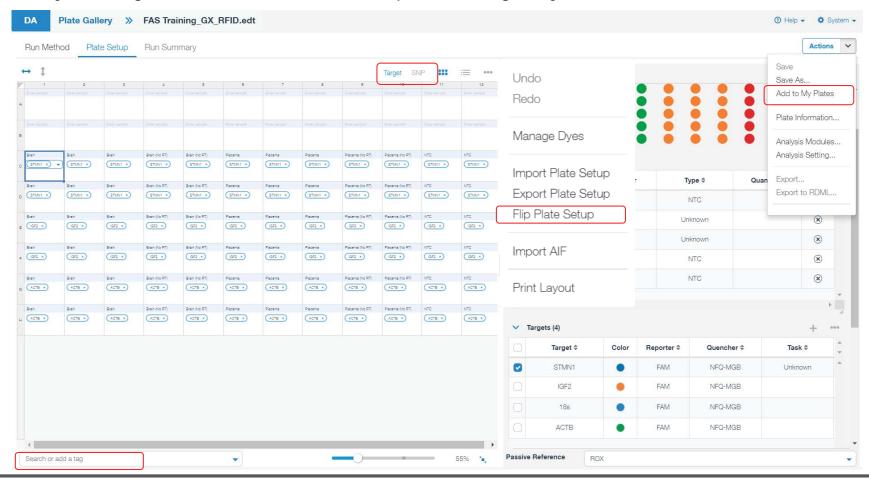




Plate File - Plate Setup

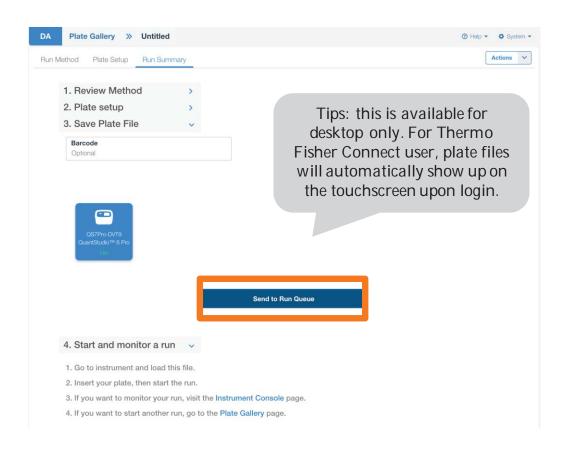
- Add target and SNP to the same plate
- Add to My Plate library for re-use
- Flip plate setup to accommodate change of plate orientation
- Use keyword tags as searchable terms for the plate in the gallery





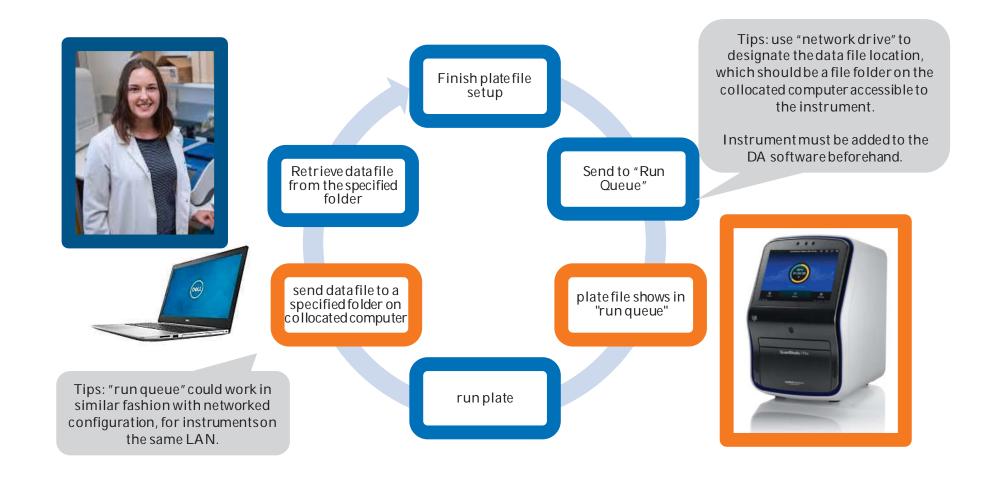
Run Summary - Quick Check Before You Go

- Run Summary is designed for two objectives:
- Review the setup at a glance Run Method & Plate setup
- Send the plate file to the connected instrument (aka run queue)
- Run queue (desktop version only)
 - 1. Check the instrument(s) available
- 2. Select the instrument(s) of interest
- 3. Send the plate file to the selected instruments
- 4. The plate file will show up in the "run queue"



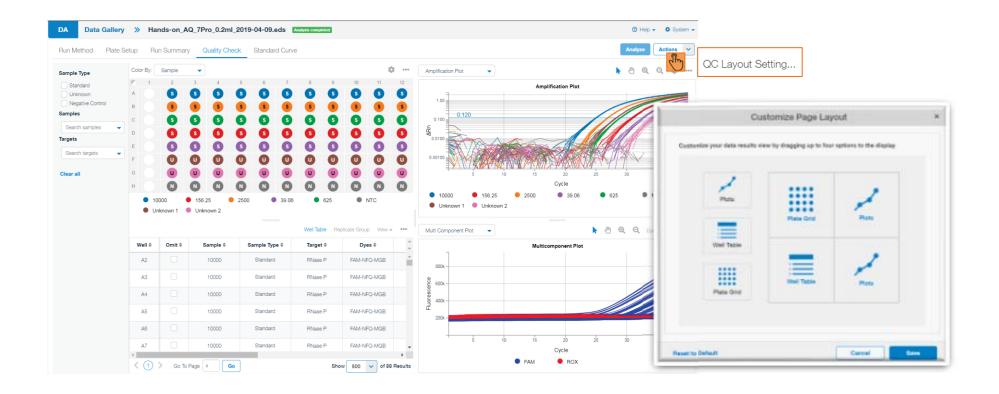


Run Queue File Workflow in Collocated Configuration



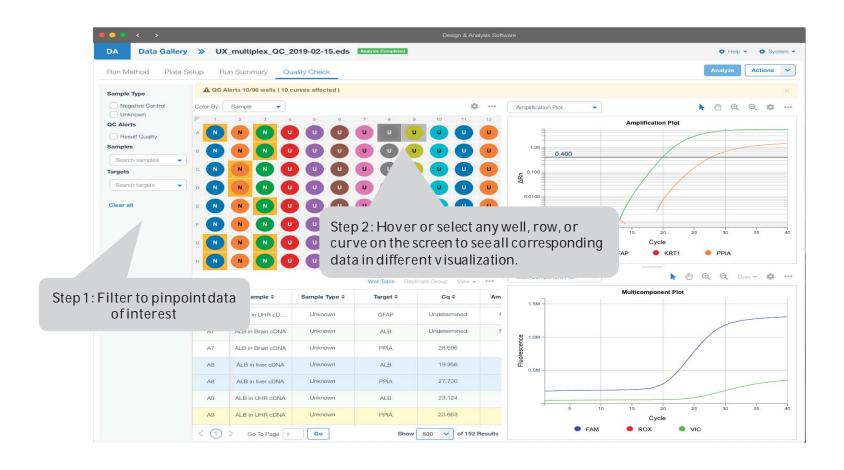
Post-run View Data

 Data result view can be customized to include up to 4 sections in Quality Check window.





Review Data Faster with New Navigation Tools



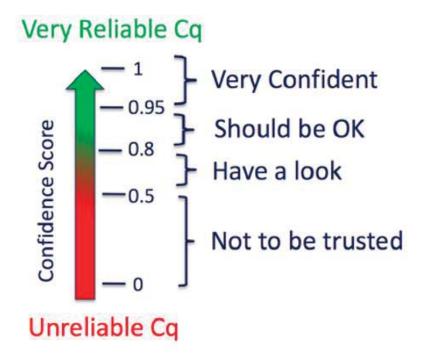


Cq Confidence and Amp Score

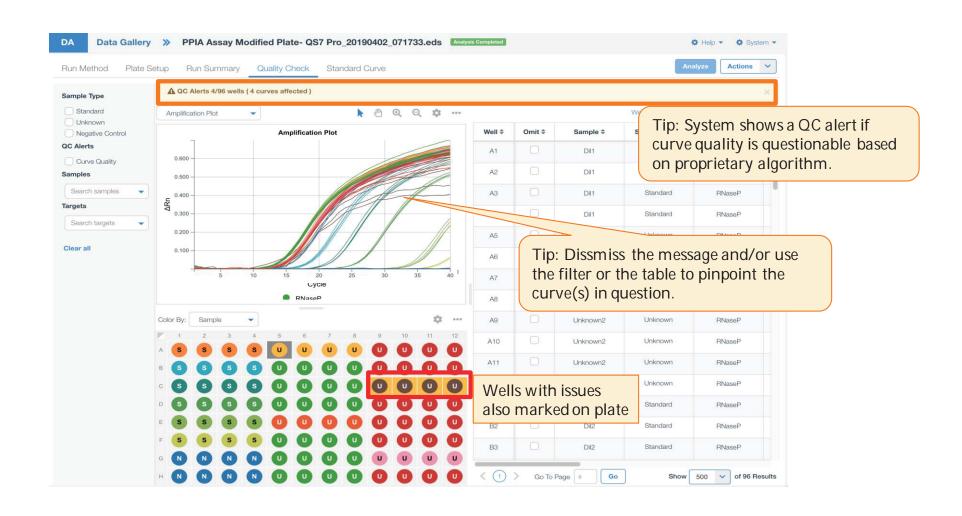
Cq Confidence vs Amp Score?

Amp Score: Measure of amplification itself. Does the curve look like it *can* produce a Cq value?

Cq Confidence: Answers the questions of "once you have amplification, how *reliable* is your Cq value? Measured in context of the amplification curve itself, not the relationship to other curves.

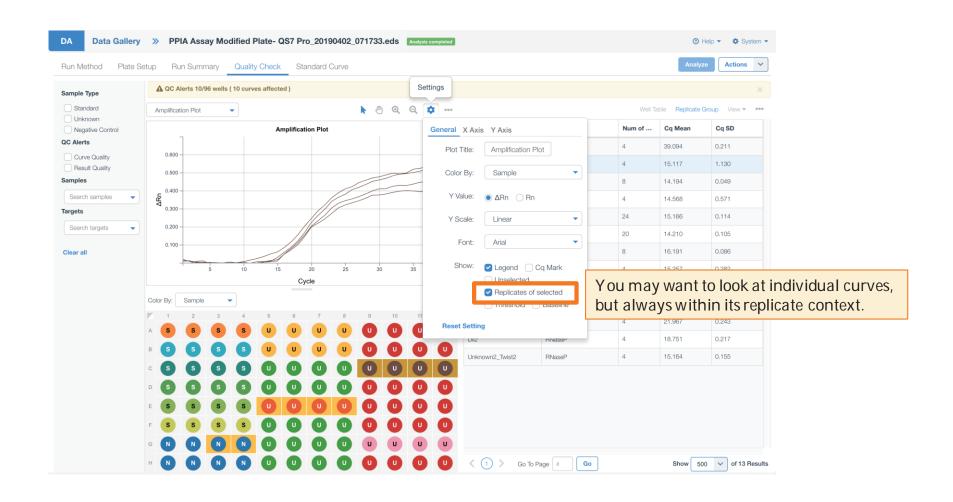


Curve QC – Quick Method to Screen out Unreliable Data



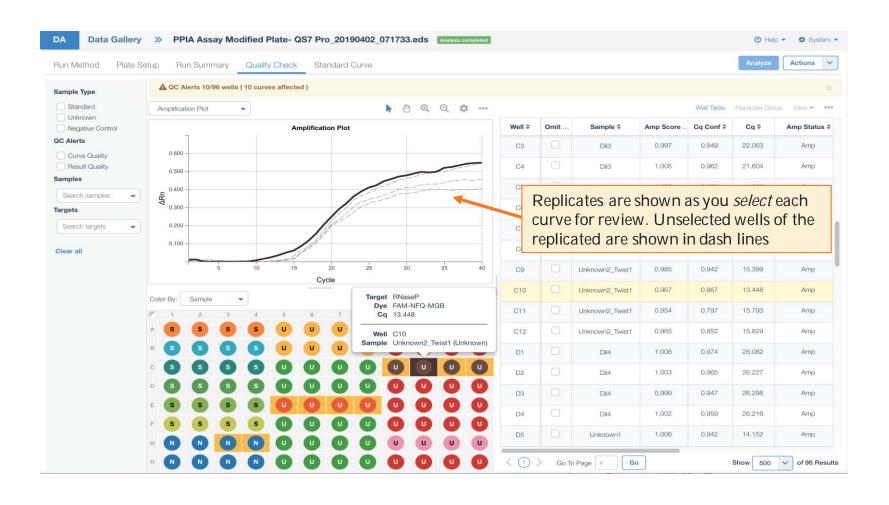


Curve QC - Quick Method to Screen out Unreliable Data





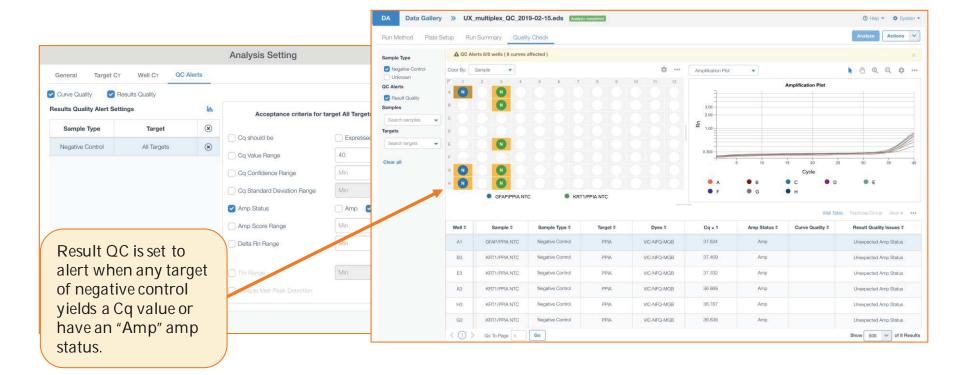
Curve QC – Quick Method to Screen out Unreliable Data





Result QC – Configurable Evaluation Based on Content

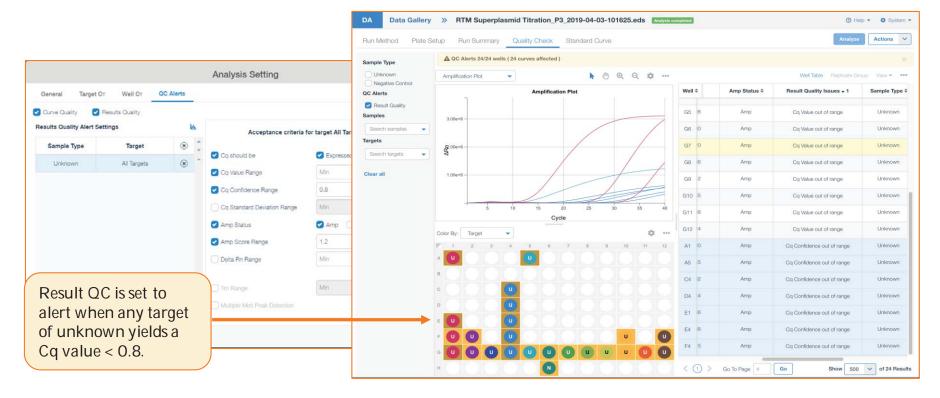
- Create a set of evaluation criteria for the data based on assay design or run objective
- System will apply criteria to the data automatically instead of visual inspection, reducing subjectivity and errors
- Result QC can be setup in pre-run.





Result QC – Configurable Evaluation Based on Content

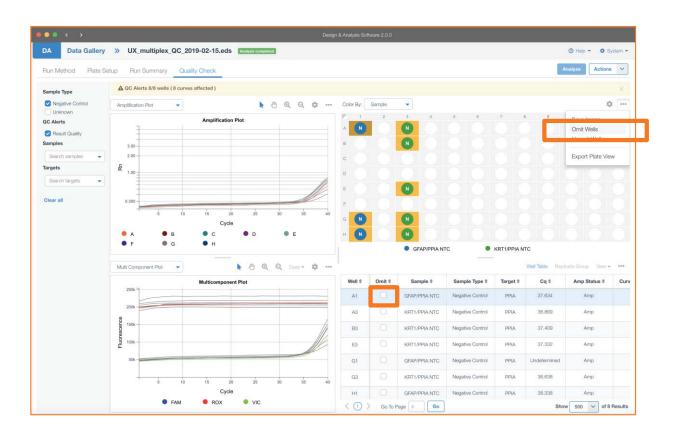
- Create a set of evaluation criteria for the data based on assay design or run objective
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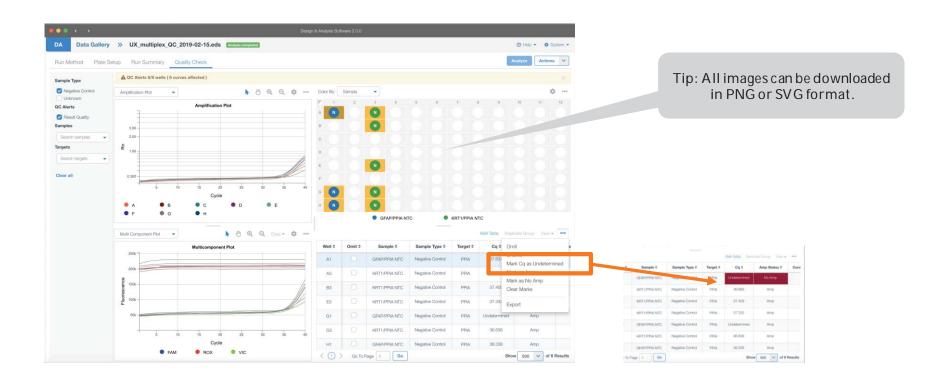
Annotation Options – To keep or not to keep

• Omit specific curves in result table or entire well in plate grid.



Annotation Options – To keep or not to keep

 Annotate the Cq and the amp status. Annotated results are highlighted in the well table.



Export Options

- Option 1: Export the result table from QC page WYISWYG in csv
- Option 2: Export plate data based on selected settings. Customize and store export settings in a library for re-use. Support CSV, XLS, XLSX, TXT
- Option 3: Export to standard RDML

