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1. Exporting Instrument Files from LightCycler480

To export data from LightCycler480 into GenEx 2 data files are required:

- Table of the experimental setup
- Data table exported from analysis

1. Press the “Sample editor” button (1) and then “Absolute Quantification” (2). Here you assign the “Sample name” and “Quantification Sample”. For standard curve studies also “Concentration” must be assigned (3).
2. Then press the "Sample editor" button (1) and mark “Relative Quantification” (2) and assign “target name” (3).

3. To export this data press the “Export” button in the bottom right corner and choose txt file format. This is the assay file used in the import in GenEx.
4. To export the data from the experiment press the “Analysis” button (1) and the type of analysis you are interested in. In this case we selected “Absolute Quantification/2nd derivative max” (2) and all samples. Confirm your choice with the ok button (3).
5. Press “calculate” under the table to receive all data from the experiment.

6. Right click on the table to export the data in the txt file format.
7. Now you have 2 txt files to import into GenEx. The assay file with the experiment setup is imported in “Select Assay File” (1) and the experiment results in “Select files” (2) in GenEx.
2. Exporting Instrument Files from ABI7500

To export data from Viia7 and import it into GenEx the following steps are required:

1. Sample name and target name must be defined and assigned before exporting the data. This is done by selecting “setup” (1) and “plate setup” (2). There is one tab for “Define Targets and Samples” (3) and one for “Assign Targets and Samples” (4).

2. To export the data press the “Export” button in the upper panel (1) and choose what data to export. Choose the txt in the upper right corner (2). The only data required to be exported are the results. To export the data press the “Start Export” button in the bottom of the window (3).
Be aware that the exported file includes "Well, Sample name, Gene name and Cq". For Standard Curve studies also the fields "Quantity" and "Task" is required.
3. Exporting Instrument Files from Stratagene MX3005P

To export data from MX3005P and import it into GenEx the following steps are required:

1. Sample name and target name must be defined and assigned before exporting the data. Mark the wells you want to define the content in. Then select “Plate setup” (1) and “Well type” (2).

2. Mark the wells you want to assign and then select the dye (1). Now mark the wells you want to assign each assay to. Assign the assays under “Assign Assay Names” (2) and the “Well Information” box in the middle will appear on the screen. Write the Name of the assay and mark “Use for all wells”.
3. Set the standard concentration (if it is a standard curve study) and assign replicates.
4. To be able to export the data you need to first select the wells by marking them. This is done by selecting “Analysis” and then mark “Analysis Selection/Setup”. Now mark the wells you want to be able to export the results from.
5. Select "Results" (1), then right-click on the table and choose "Export Text Report” and “Export Text Report to Text File” (2).
4. Exporting Instrument Files from Illumina Eco

To export data from Eco and import it into GenEx the following steps are required:

1. Sample name and Assay name must be defined and assigned before exporting the data. This is done under “Setup” (1) and by selecting “Plate Layout” (2). To set up the assays and samples the user clicks on the blue (3) and green button (4).

2. By clicking on the blue button the window below appears on the screen. Select number of assays (1) and the name of each assay (2).
3. By clicking on the green button the window below appears on the screen. Select number of samples (1) and the name of each sample (2).

![Sample Selection](image1)

4. To export the data click on “File” (1) and then “Export” (2).

![Export Option](image2)
5. The window below will appear on the screen, select CSV (1) and the only option that needs to be marked is “Results Table” (2) and then click on (3).
5. Exporting Instrument Files from CFX96

To export data from CFX96 and import it into GenEx the following steps are required:

1. Sample name and Target name must be defined and assigned before exporting the data. Start a new experiment by creating a new run (1). Then mark the “Plate” option (2) and select “Create New” (3) and a new window will appear on the screen (4).
2. The sample name and target name can be defined and assigned in this window. To assign the names to the plate, mark the “Load” box and select the right wells. All the standards, unknown and NTC must be assigned.

3. In the data analysis the results from the experiment can be exported. Select “Export” and then “Custom Export”.
4. Select "Export Format" and txt files (1). The column separator should be set to "Tab" (2). Select the data you want to export, the required fields are "Well, Target name, Replicate number, Sample name and Cq". For Standard Curve studies also the field "Starting Quantity" is required (3).
6. Exporting Instrument Files from ViiA7

To export data from ViiA7 and import it into GenEx the following steps are required:

1. Sample name and target name must be defined and assigned before exporting the data. This is done under the “setup” tab.

2. To select the settings for the export of the data press the “Export” button in the left corner in the column to the left in the software.
3. The box that needs to be marked before the data are exported is “Results”. It is important that the user export the fields "Well, Well position, Sample name, Gene name and Cq". For Standard Curve studies also the fields "Quantity" and "Task" is required.

4. Choose the file type you want in the upper right corner. GenEx is fully compatible with txt files for ViiA7 instrument.
5. To export the data press “Start Export” the bottom of the screen.
7. Exporting Instrument Files from LightCycler96

To export data from LightCycler96 and then import it into GenEx some things are required.

1. Sample name and gene name must be defined and assigned before exporting the data. This is done by first select the “Sample editor” and then “Table view” (1). Mark the sample name and assign these and then do the same for the gene name (2).

2. To export the data from the experiment press the “Analysis” button (1) and then select all the data in the table by press Ctrl+A . Right click on the table and export the table to txt file (2).
8. Exporting Instrument Files from Rotor-Gene Q

To export data from Rotor-Gene Q and import it into GenEx the following steps are required:

1. Sample name and target name must be defined and assigned before exporting the data. This is done by selecting the “Samples” button. The window below appears on the screen.

2. Assign the target name and sample names in the “Name” column and separate them with a plus sign (GAPDH+Sample1).
3. Choose type of sample in the “Type” column, this can be done either by writing the type in the column or mark the “Type” column and use the scroll down list. If running a standard curve also include the concentration of the different standards in the “Given Conc.” column. If you have replicates just make sure that you name them with the same name and the software will understand that they are replicates. Press Ok when the sample setup is finished.

4. To be able to export the data press any of the two “Analysis” buttons (1) and then press “Quantification” (2) and “Show” (3). Then to export the data right click on the table and export to excel (4). If you have the software from Qiagen (newer version) a csv file is being created and if you have the software from Corbett Robotics (older version) a xls file is being created. Both file formats can be used in GenEx.
9. Exporting Instrument Files from Fluidigm Biomark

To export data from Fluidigm Biomark and import it into GenEx the following steps are required:

1. Open the Fluidigm Real-Time PCR Analysis software.

2. Select “Open” under the “File” menu (1). A new window will appear on the screen, select the ChipRun.bml file (2) you want to analyze and click “Open” (3).
3. Use “Sample setup” and “Detector setup” according to manufacturer’s instruction (www.fluidigm.com). The sample names can also be assigned later in the GenEx software.

4. Analyze your data under “Analysis Views” according to manufacturer’s instruction (www.fluidigm.com).
5. To export the data from the run select “Export” under the “File” menu.

6. Make sure that you select “Heat Map Results (*.csv.)” when you choose “Save as type”. Choose the name you want to save the file as and click the “Save” button.
10. Exporting Instrument Files from Thermo PikoReal

To export data from Thermo PikoReal and import it into GenEx, the following steps are required:

1. Choose “Pipette” mode (1), select which fluorophore you are using (2) and then mark the wells you want to use in the experiment (3).
2. Continue in the “Pipette” mode and assign “Sample Type” and “Target Name” (1). Here you also assign the “Replicates” (2).
3. Choose “Select” mode (1). Under “Properties” you assign “sample name” (2) and if running a standard curve also assign quantity of the standards in the “Quantity Series”.

4. To export the data click the “Export to Excel” button and Save in “Excel files” (*.xlsx format).