

# Analysing 35S/NOS/IPC from ABI 7500 FAST

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## GMO Testing Facility

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Kopiereg voorbehou

UNIVERSITY OF THE  
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UFS·UV  
HEALTH SCIENCES  
GESONDHEIDSWETENSAPPE



- Setup
- Run
- Analysis**

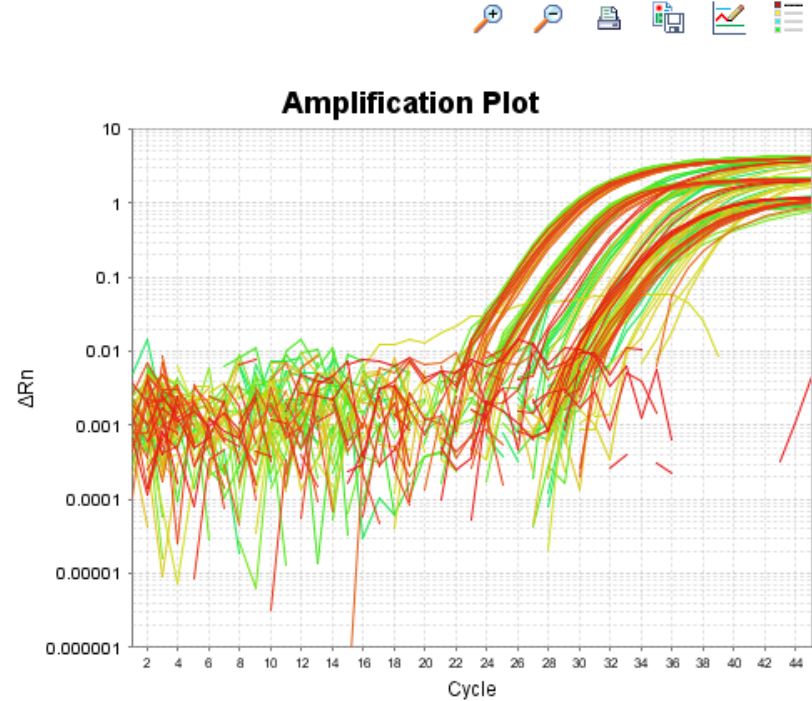
- Amplification Plot**
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

Amplification Plot

Plot Settings

Plot Type:  $\Delta Rn$  vs Cycle Graph Type: Log Plot Color: Well

Save current settings as the default



Legend

- A
- B
- C
- D
- E
- F
- G
- H

Options

Target: All Threshold:  Auto  Auto Baseline

Show:  Threshold  Baseline Start: Well  Target  Baseline End: Well

Save current settings as the default

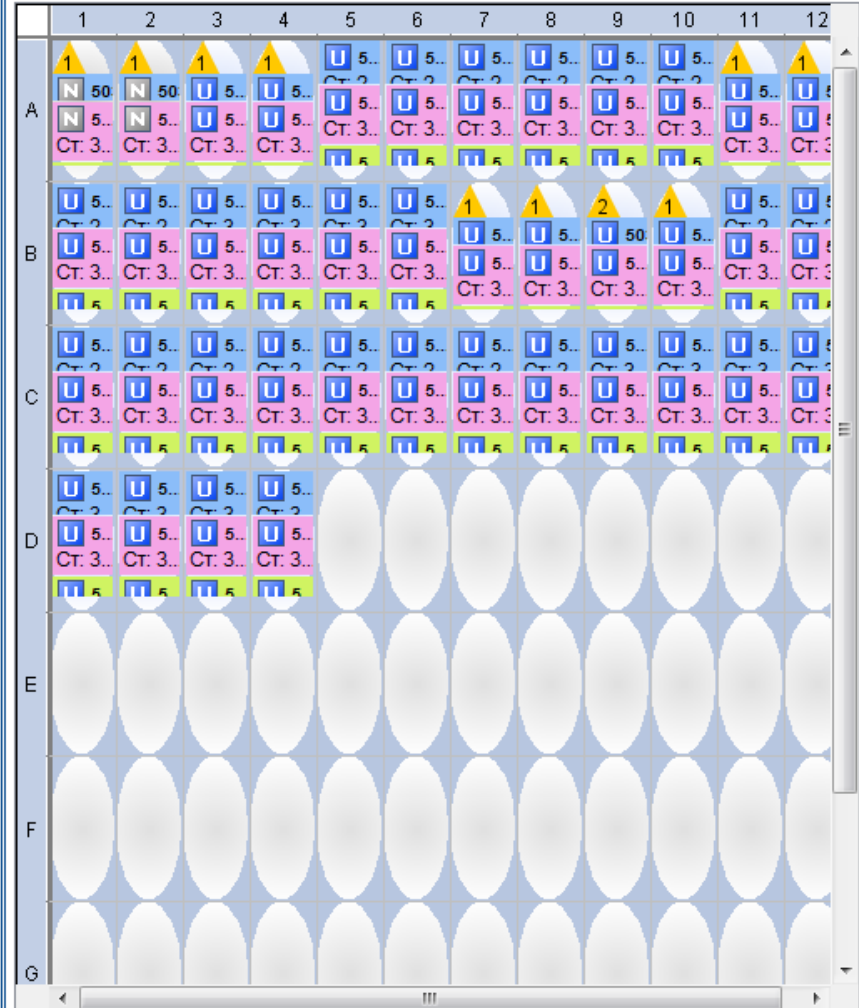
View Plate Layout

View Well Table

Experiment Analysis Settings

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend



Wells: U 38 Unknown S 0 Standard N 2 Negative Control 56 Empty

**Setup**

**Run**

**Analysis**

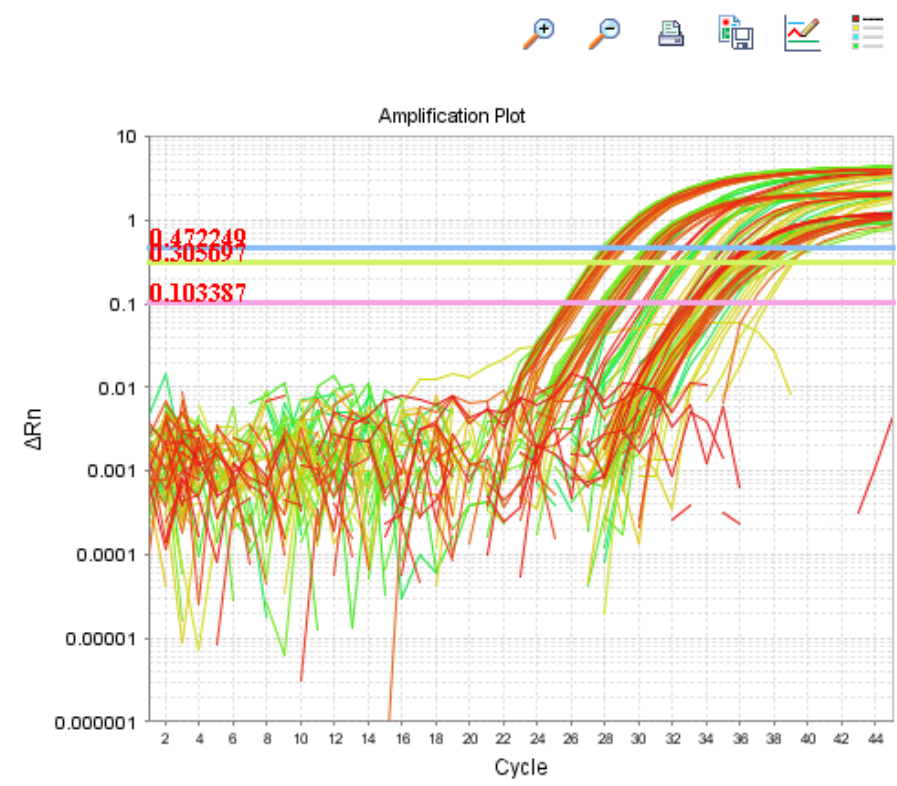
- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

Amplification Plot

**Plot Settings**

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: Well

Save current settings as the default



**Legend**

A B C D E F G H

**Options**

Target: All | Threshold:  Auto |  Auto Baseline

Show:  Threshold —  Baseline Start: Well  Target ▲  Baseline End: Well ■

Save current settings as the default

View Plate Layout | View Well Table

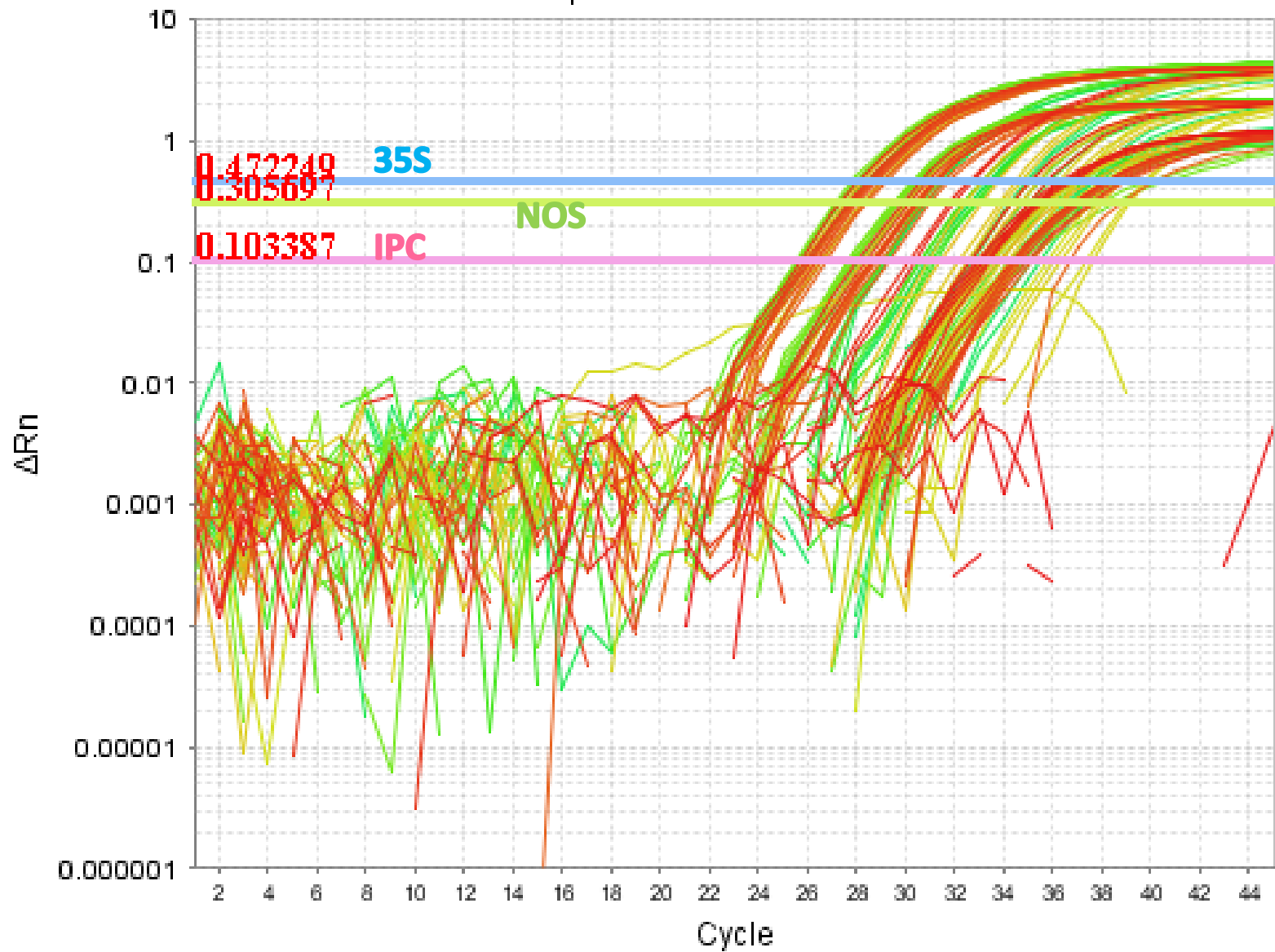
Select Wells With: - Select Item - | - Select Item -

Show in Wells | View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	1 N 5... CT. 3...	1 N 5... CT. 3...	1 U 5... CT. 3...	1 U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	1 U 5... CT. 3...	1 U 5... CT. 3...
B	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	1 U 5... CT. 3...	1 U 5... CT. 3...	2 U 5... CT. 3...	1 U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...
C	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...
D	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...	U 5... CT. 3...								
E												
F												
G												
H												



Amplification Plot





Run

Analysis

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

Analysis Settings for Double Screen

CT Settings | Flag Settings | Advanced Settings

the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

Settings

Settings are used to calculate the Ct for targets without custom settings. To edit the default settings, click "Edit Default Settings."

AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO

Target	Threshold	Baseline Start	Baseline End
	AUTO	AUTO	AUTO
	AUTO	AUTO	AUTO
	AUTO	AUTO	AUTO

CT Settings for 5035S

CT Settings to Use:  Use Default Settings

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

**Drag the four sides of the box to enlarge the window**

Table with columns 7-12 and rows of data points (Ct values, flags, etc.)



**Cr Settings** | Flag Settings | Advanced Settings

**I** Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

**Default Cr Settings**

Default Cr settings are used to calculate the Cr for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO Edit Default Settings

**Select a Target**

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO	AUTO	AUTO

**Cr Settings for 5035S**

Cr Settings to Use:  Use Default Settings

Automatic Threshold  
 Threshold:

Automatic Baseline  
 Baseline Start Cycle:  End Cycle:

Settings, then change the settings that are displayed.

### Default Cr Settings

Default Cr settings are used to calculate the Cr for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO

Edit Default Settings

### Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO	AUTO	AUTO

Select all the targets

### Cr Settings for the 3 Selected Targets

Cr Settings to Use:  Use Default Settings

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:



Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

#### Default Ct Settings

Default Ct settings are used to calculate the Ct for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO

[Edit Default Settings](#)

Edit the default Ct settings.

#### Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO	AUTO	AUTO

#### Ct Settings for the 3 Selected Targets

Ct Settings to Use:  Use Default Settings

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

CT Settings | Flag Settings | Advanced Settings

Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

Default Ct Settings

Default Ct settings are used to calculate the Ct for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO Edit Default Settings

Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO		

Ct Settings for the 3 Selected Targets

Ct Settings to Use:  Use Default Settings

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

**Edit Default Ct Settings**

Edit the default Ct settings, then click "Save Changes." Editing the default Ct settings does not affect wells with advanced analysis settings.

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

Save Changes Cancel

CT Settings | Flag Settings | Advanced Settings

Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

Default Ct Settings

Default Ct settings are used to calculate the Ct for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO Edit Default Settings

Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO		

Ct Settings for the 3 Selected Targets

Ct Settings to Use:  Use Default Settings  
 Automatic Threshold  
Threshold:   
 Automatic Baseline  
Baseline Start Cycle:  End Cycle:

**Edit Default Ct Settings**

Edit the default Ct settings, then click "Save Changes."  
Editing the default Ct settings does not affect wells with advanced analysis settings.

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

Save Changes Cancel

**De-select Automatic Threshold**

CT Settings Flag Settings Advanced Settings

Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

Default Ct Settings

Default Ct settings are used to calculate the Ct for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO Edit Default Settings

Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO		

Ct Settings for the 3 Selected Targets

Ct Settings to Use:  Use Default Settings  
 Automatic Threshold  
Threshold:   
 Automatic Baseline  
Baseline Start Cycle:  End Cycle:

**Edit Default Ct Settings**

Edit the default Ct settings, then click "Save Changes."  
Editing the default Ct settings does not affect wells with advanced analysis settings.

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

Save Changes Cancel

Set threshold at 0.1

CT Settings | Flag Settings | Advanced Settings

Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

Default CT Settings

Default CT settings are used to calculate the CT for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: AUTO Baseline Start Cycle: AUTO Baseline End Cycle: AUTO [Edit Default Settings](#)

Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	AUTO	AUTO	AUTO
50IPC	AUTO	AUTO	AUTO
50nos	AUTO		

CT Settings for the 3 Selected Targets

CT Settings to Use:  Use Default Settings  
 Automatic Threshold  
Threshold:   
 Automatic Baseline  
Baseline Start Cycle:  End Cycle:

**Edit Default CT Settings**

Edit the default CT settings, then click "Save Changes."  
Editing the default CT settings does not affect wells with advanced analysis settings.

Automatic Threshold  
Threshold:   
 Automatic Baseline  
Baseline Start Cycle:  End Cycle:

[Save Changes](#) [Cancel](#)



Save current settings as the default.

CT Settings

Flag Settings

Advanced Settings

**I** Review the default settings for analysis of targets in this experiment. To edit the default settings, click "Edit Default Settings." To use different settings for a target, select the target from the table, deselect "Use Default Settings," then change the settings that are displayed.

**Default Ct Settings**

Default Ct settings are used to calculate the Ct for targets without custom settings. To edit the default settings, click "Edit Default Settings."

Threshold: 0.1 Baseline Start Cycle: AUTO Baseline End Cycle: AUTO

**Select a Target**

Target	Threshold	Baseline Start	Baseline End
5035S	0.1	AUTO	AUTO
50IPC	0.1	AUTO	AUTO
50nos	0.1	AUTO	AUTO

**Ct Settings for the 3 Selected Targets**

Ct Settings to Use:  Use Default Settings

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

Select a Target

Target	Threshold	Baseline Start	Baseline End
5035S	0.1	AUTO	AUTO
50IPC	0.1	AUTO	AUTO
50nos	0.1	AUTO	AUTO

Cr Settings for the 3 Selected Targets

Cr Settings to Use:  Use Default Settings

Automatic Threshold

Threshold:

Automatic Baseline

Baseline Start Cycle:  End Cycle:

[Revert to Default Analysis Settings](#)



**Apply Analysis Settings**

[Cancel](#)



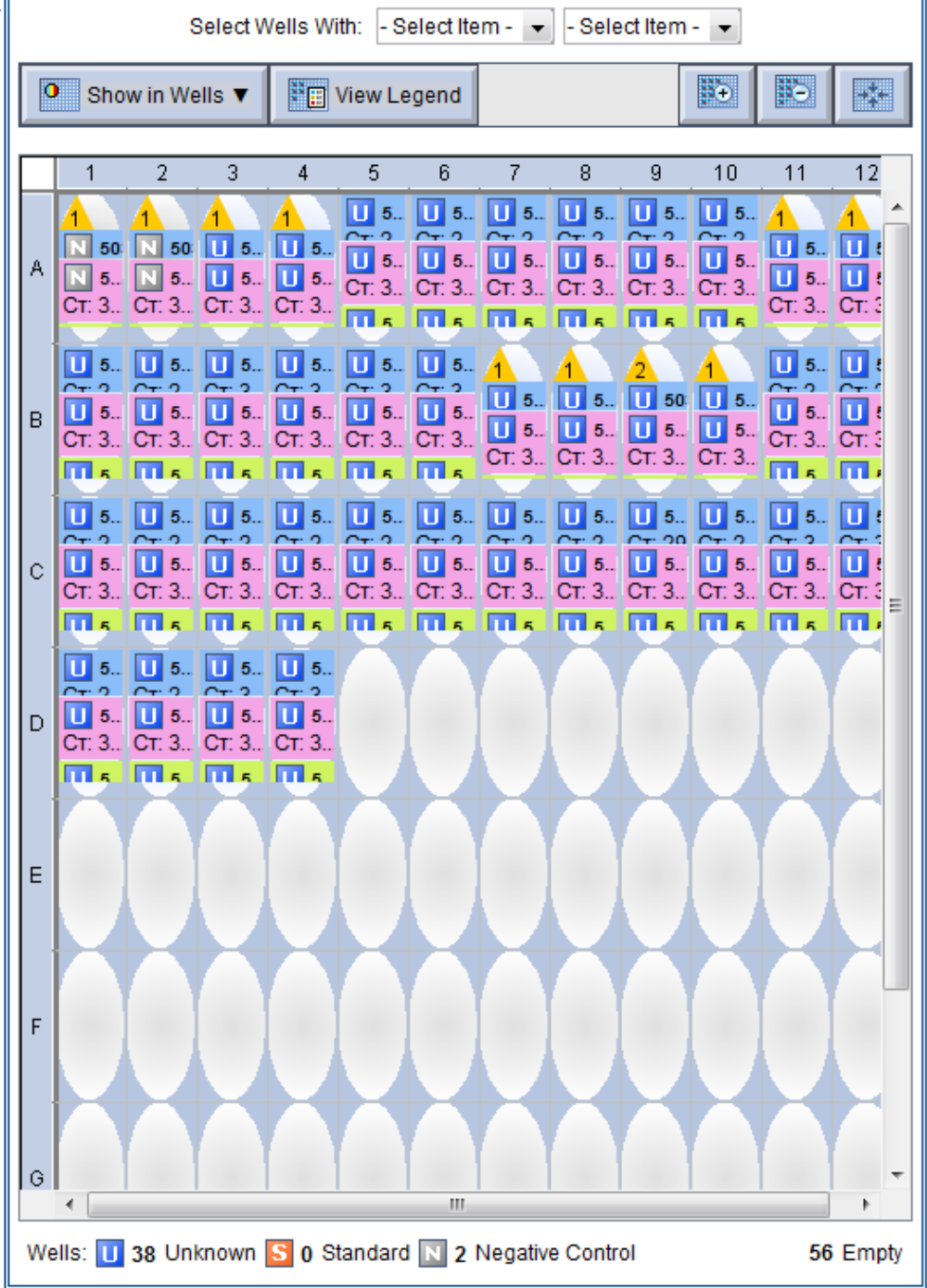
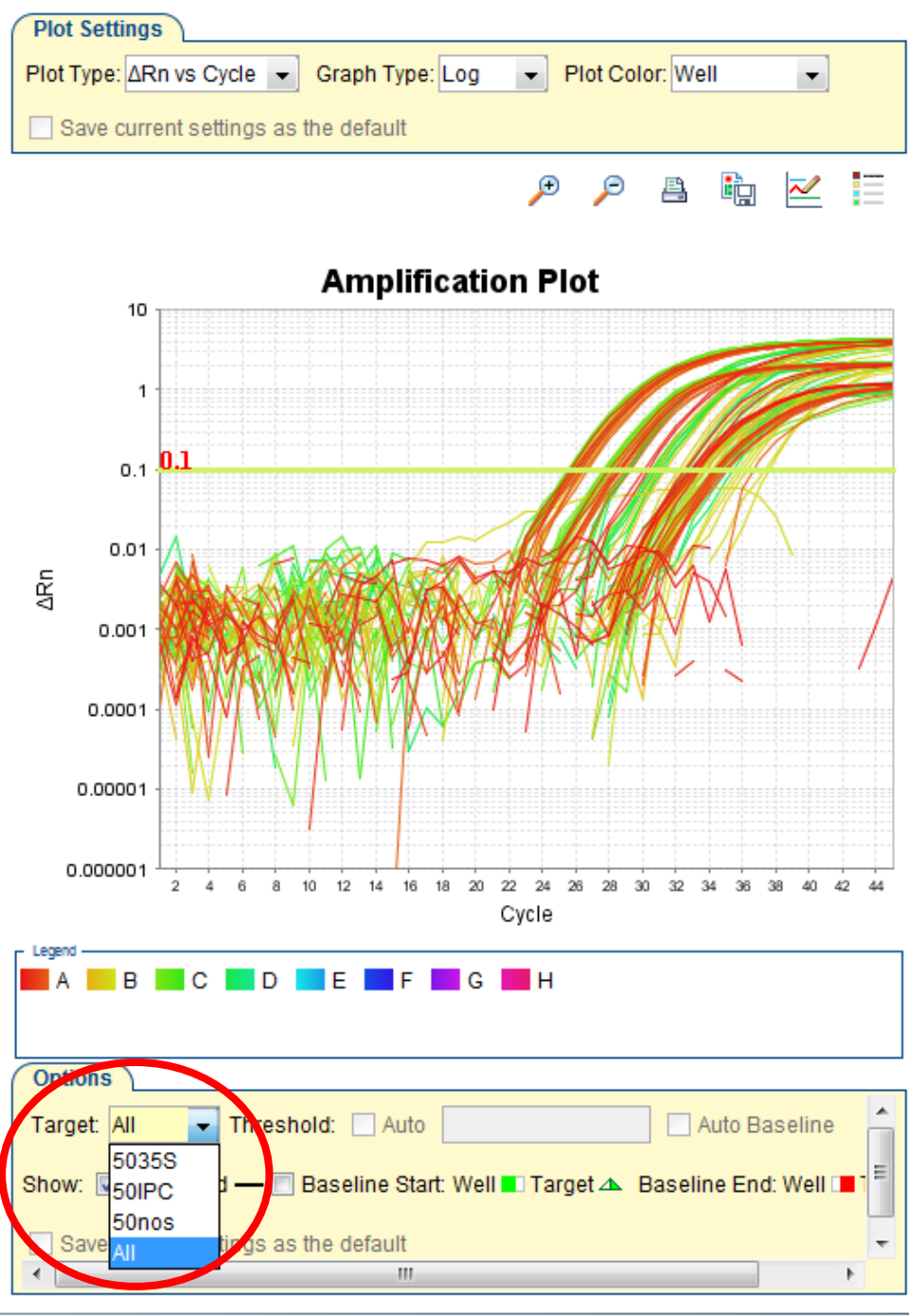
Check amplification plot for each well per target

1. Target: IPC

**Run**

**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

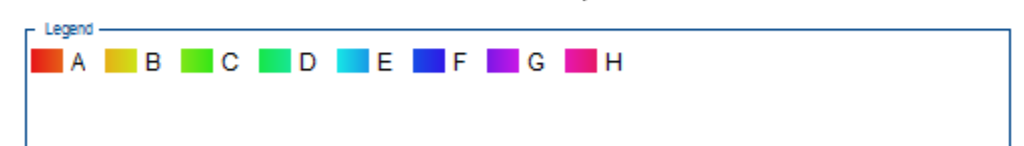
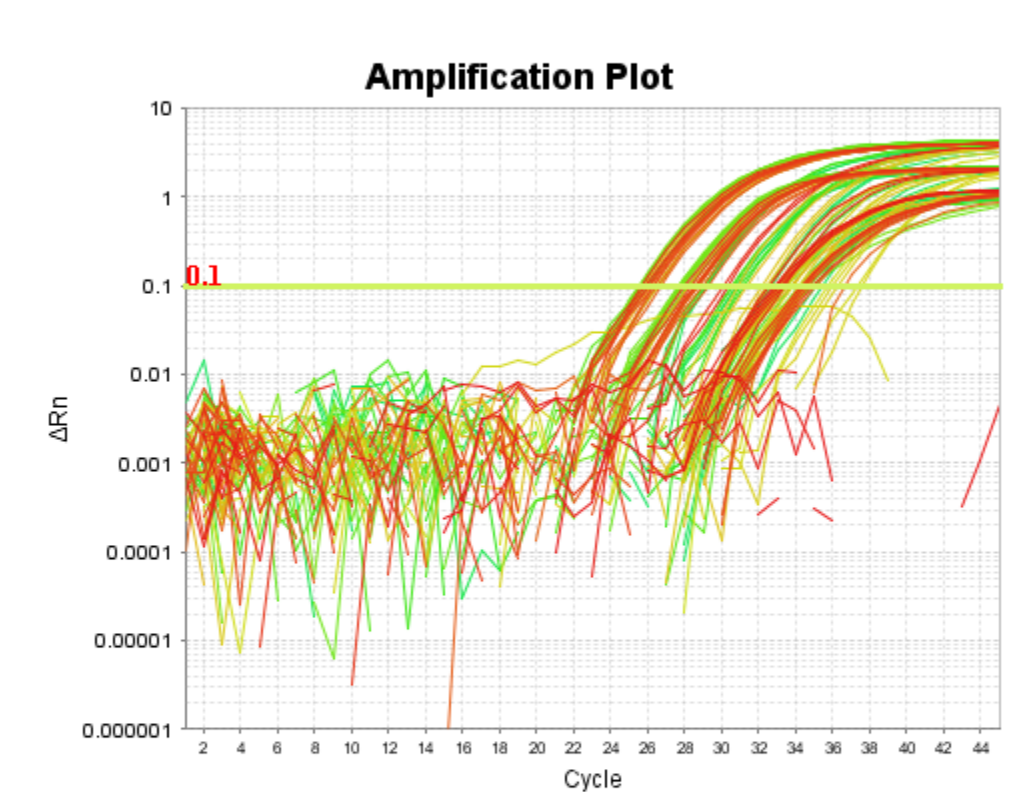


# Analysis

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: well

Save current settings as the default



Options

Target: All | Threshold:  Auto |  Auto Baseline

Show: **50IPC** |  Baseline Start: Well |  Target  $\blacktriangle$  |  Baseline End: Well

Save current settings as the default

Show in Wells | View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	1 N 50 N 5 CT: 3	1 N 50 N 5 CT: 3	1 U 5... U 5... CT: 3	1 U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	1 U 5... U 5... CT: 3	1 U 5... U 5... CT: 3
B	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	1 U 5... U 5... CT: 3	1 U 5... U 5... CT: 3	2 U 50 U 5... CT: 3	1 U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3
C	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3
D	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3	U 5... U 5... CT: 3								
E												
F												
G												

Wells: U 38 Unknown S 0 Standard N 2 Negative Control 56 Empty



**Run**

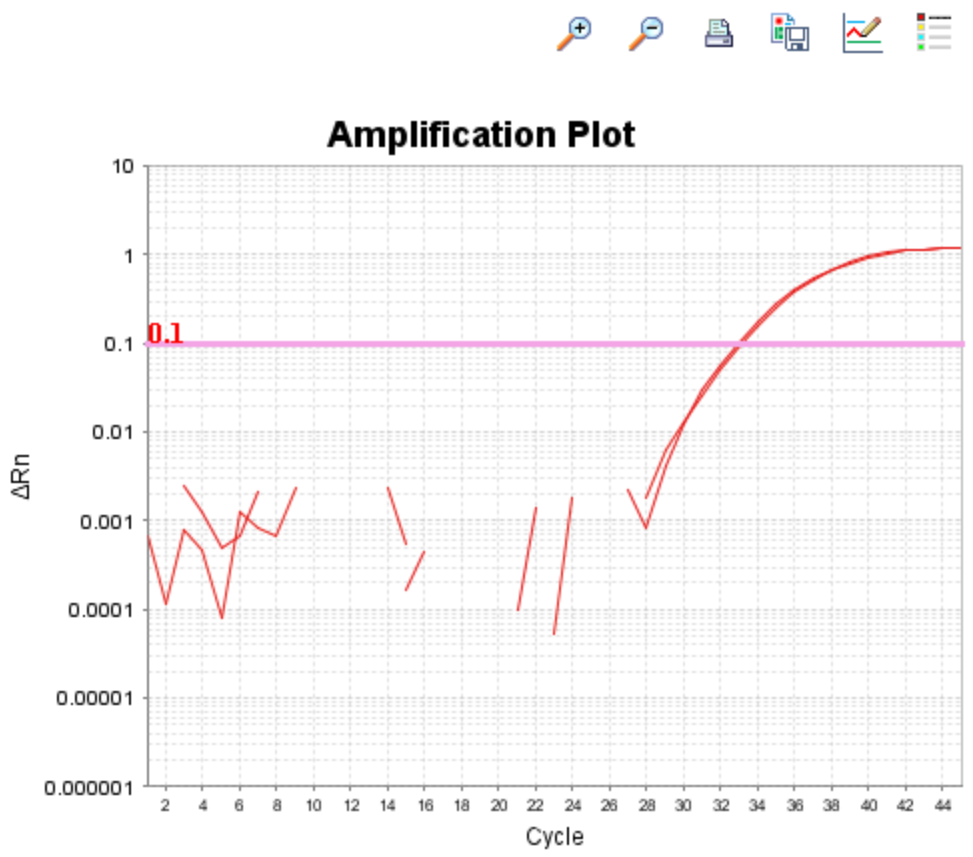
**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

**Plot Settings**

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: Well

Save current settings as the default



Legend

A B C D E F G H

**Options**

Target: 50IPC | Threshold:  Auto 0.1 |  Auto Baseline

Show:  Threshold —  Baseline Start: Well  Target  Baseline End: Well

Save current settings as the default

View Plate Layout | View Well Table

Select Wells With: - Select Item - | - Select Item -

Show in Wells | View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	1 N 50 N 50 CT. 3	1 N 50 N 50 CT. 3	1 U 5... U 5... CT. 3	1 U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	1 U 5... U 5... CT. 3	1 U 5... U 5... CT. 3
B	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	1 U 5... U 5... CT. 3	1 U 5... U 5... CT. 3	2 U 5... U 5... CT. 3	1 U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3
C	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3
D	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3	U 5... U 5... CT. 3								
E												
F												
G												

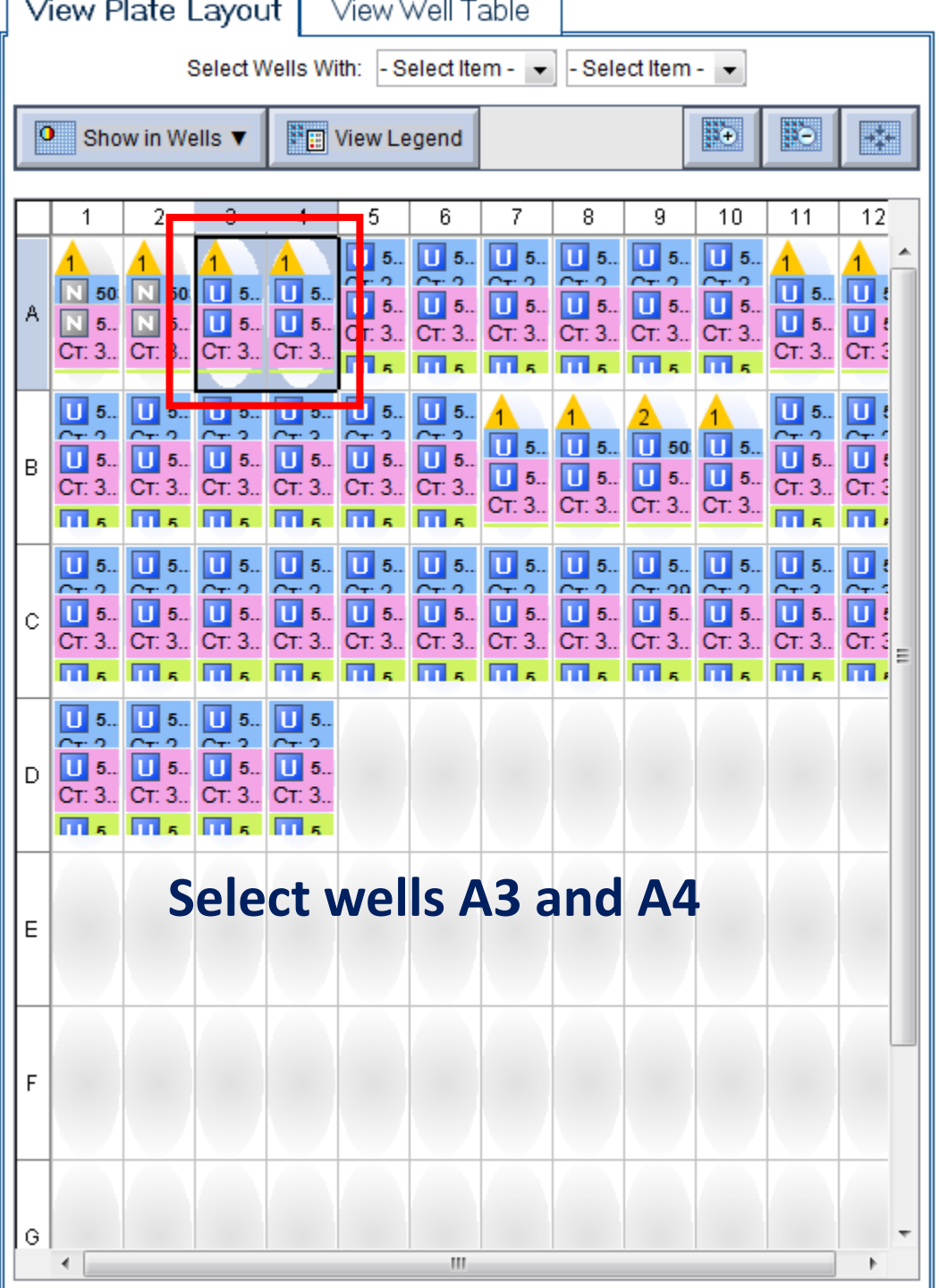
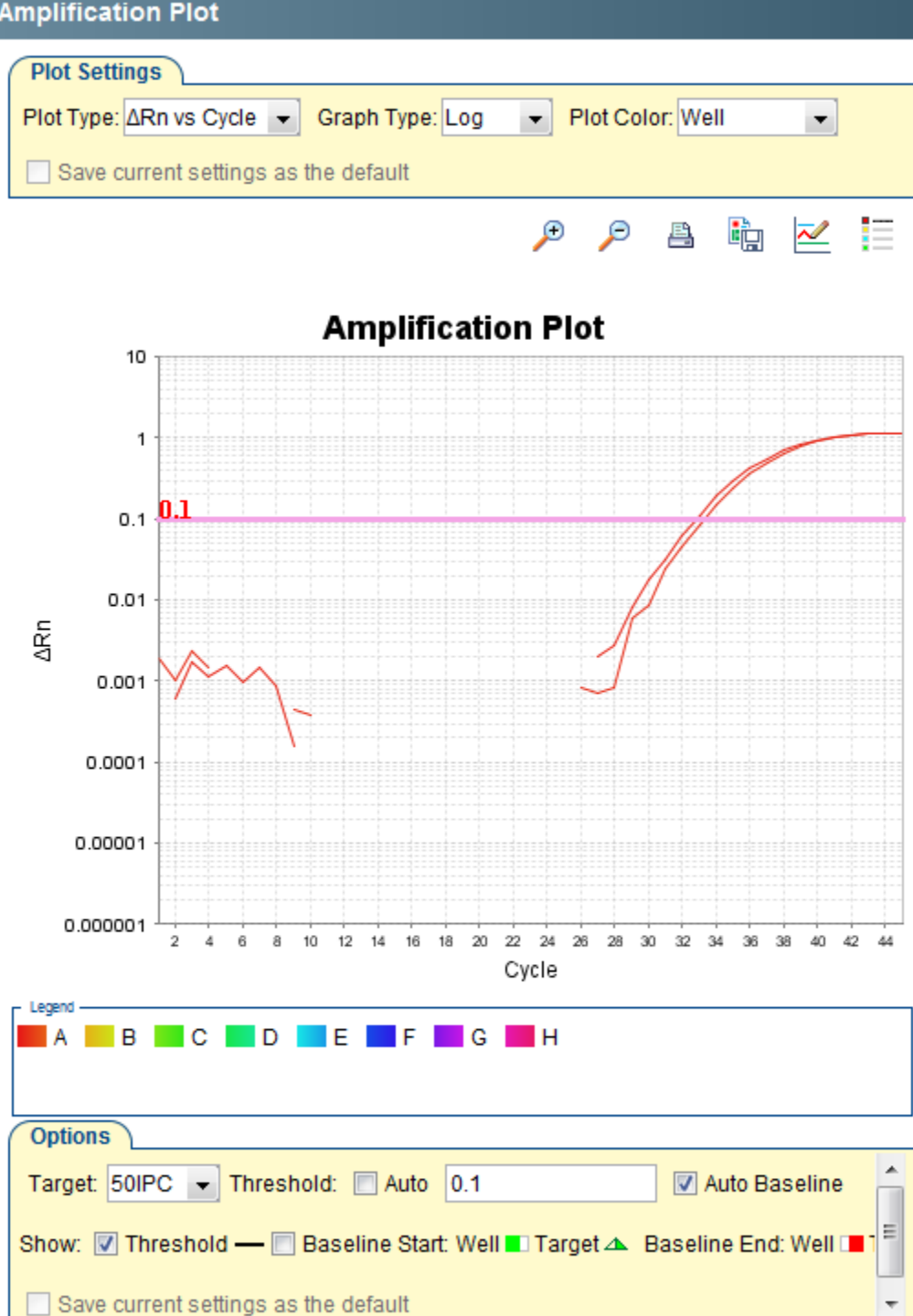
Select wells A1 and A2

Setup

Run

Analysis

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View



**Run**

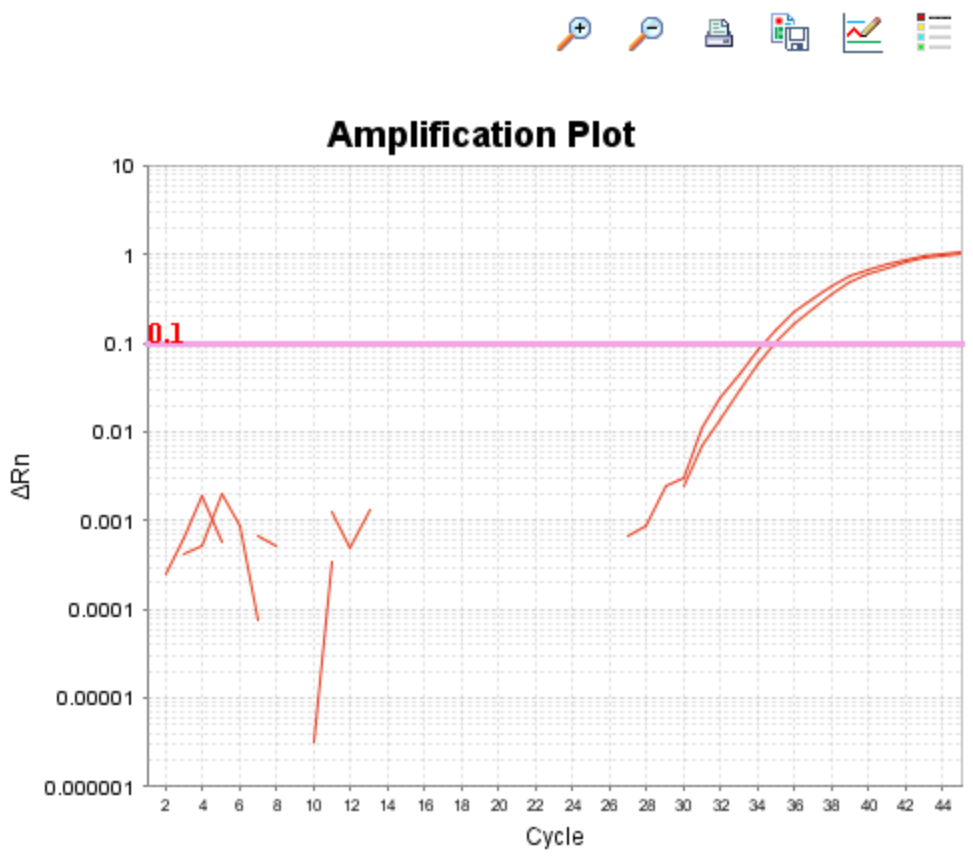
**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

**Plot Settings**

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: Well

Save current settings as the default



**Legend**

A B C D E F G H

**Options**

Target: 50IPC | Threshold:  Auto 0.1 |  Auto Baseline

Show:  Threshold —  Baseline Start: Well  Target  Baseline End: Well

Save current settings as the default

View Plate Layout | View Well Table

Select Wells With: - Select Item - | - Select Item -

Show in Wells | View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	1 N 50 N 5... CT. 3..	1 N 50 N 5... CT. 3..	1 U 5... U 5... CT. 3..	1 U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	1 U 5... U 5... CT. 3..	1 U 5... U 5... CT. 3..
B	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	1 U 5... U 5... CT. 3..	1 U 5... U 5... CT. 3..	2 U 50... U 5... CT. 3..	1 U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..
C	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..
D	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..	U 5... U 5... CT. 3..								
E												
F												
G												

Select wells A5 and A6....

**Run**

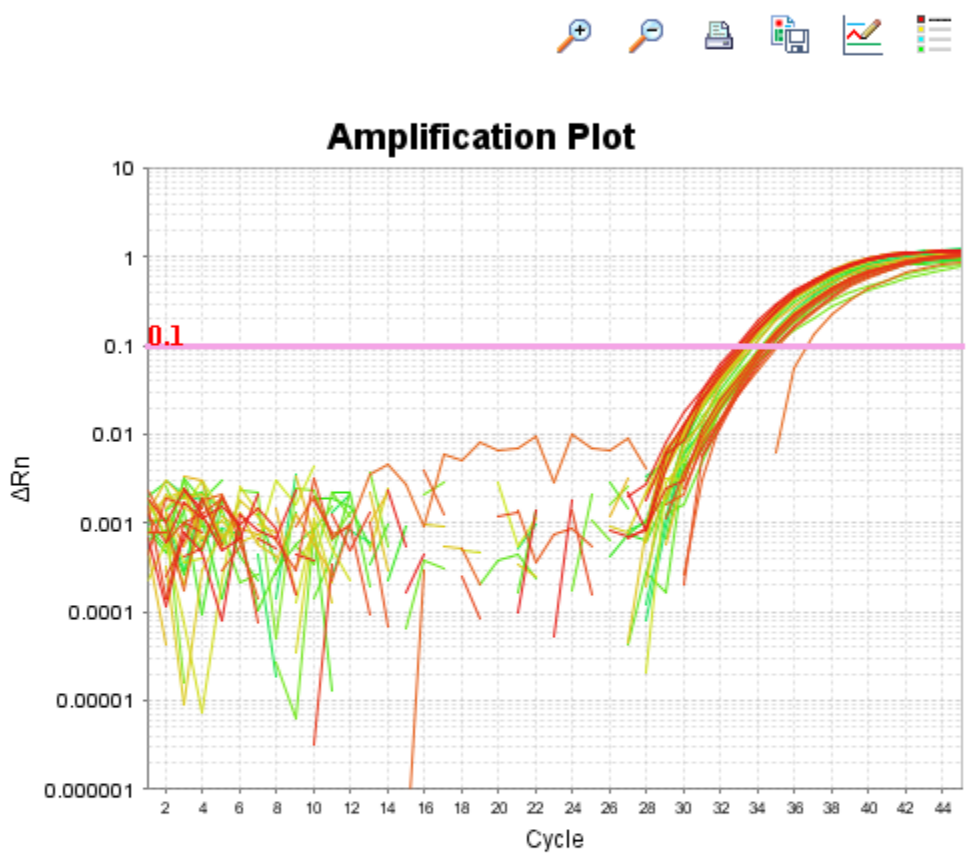
**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

Plot Settings

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: Well

Save current settings as the default



Legend

A B C D E F G H

Options

Target: 50IPC | Threshold:  Auto 0.1 |  Auto Baseline

Show:  Threshold —  Baseline Start: Well  Target ▲  Baseline End: Well □

Save current settings as the default

Select Wells With: - Select Item - | - Select Item -

Show in Wells | View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	1 N 50 CT. 3	1 N 50 CT. 3	1 U 5... CT. 3	1 U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	1 U 5... CT. 3	1 U 5... CT. 3
B	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	1 U 5... CT. 3	1 U 5... CT. 3	2 U 5... CT. 3	1 U 5... CT. 3	U 5... CT. 3	U 5... CT. 3
C	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3
D	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3								
E												
F												
G												

Click on the corner of the plate layout to select all wells in the plate

Wells: U 38 Unknown S 0 Standard N 2 Negative Control 56 Empty

Check amplification plot for each well per target  
2. Target: 35S

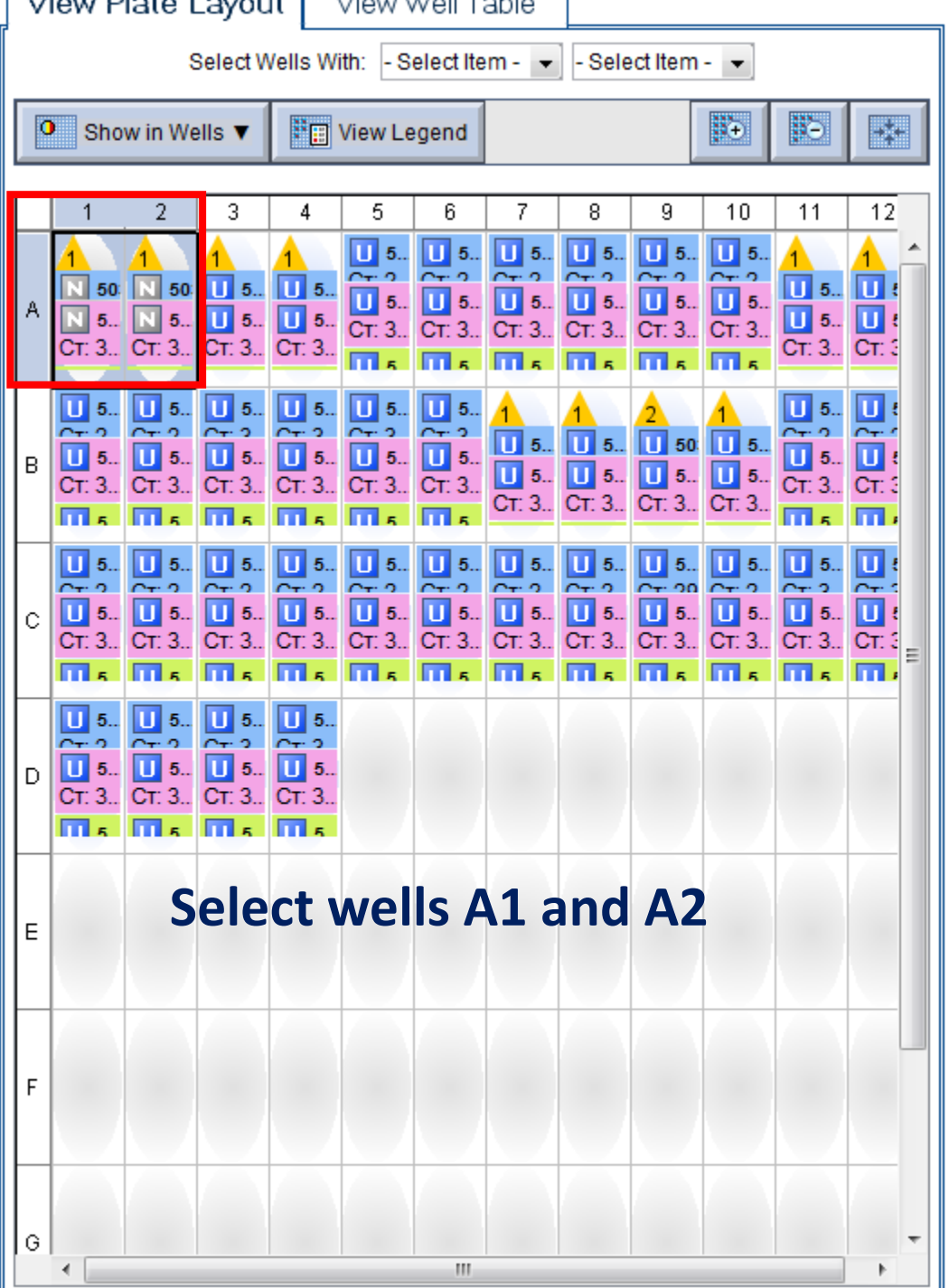
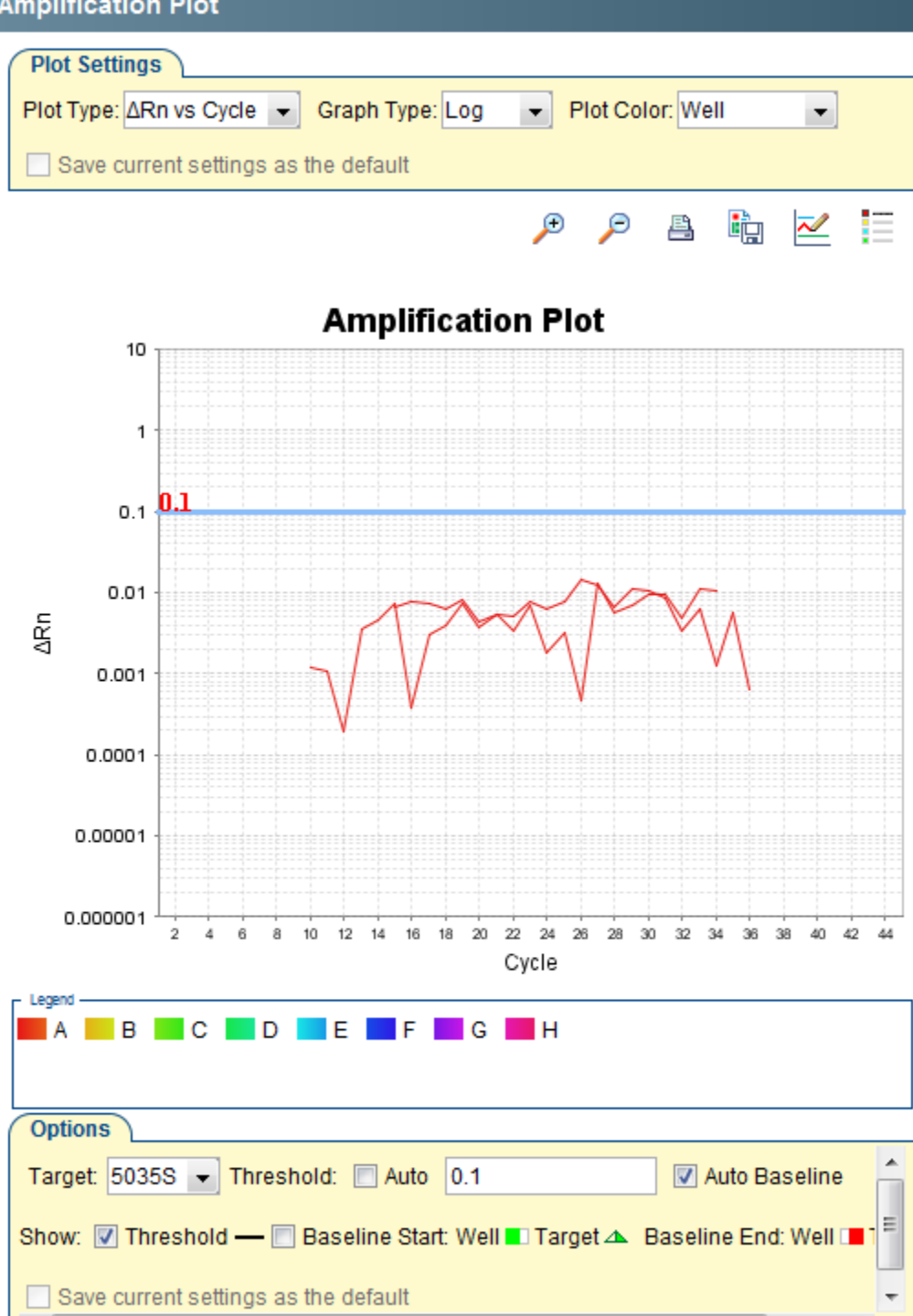




**Run**

**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View



**Run**

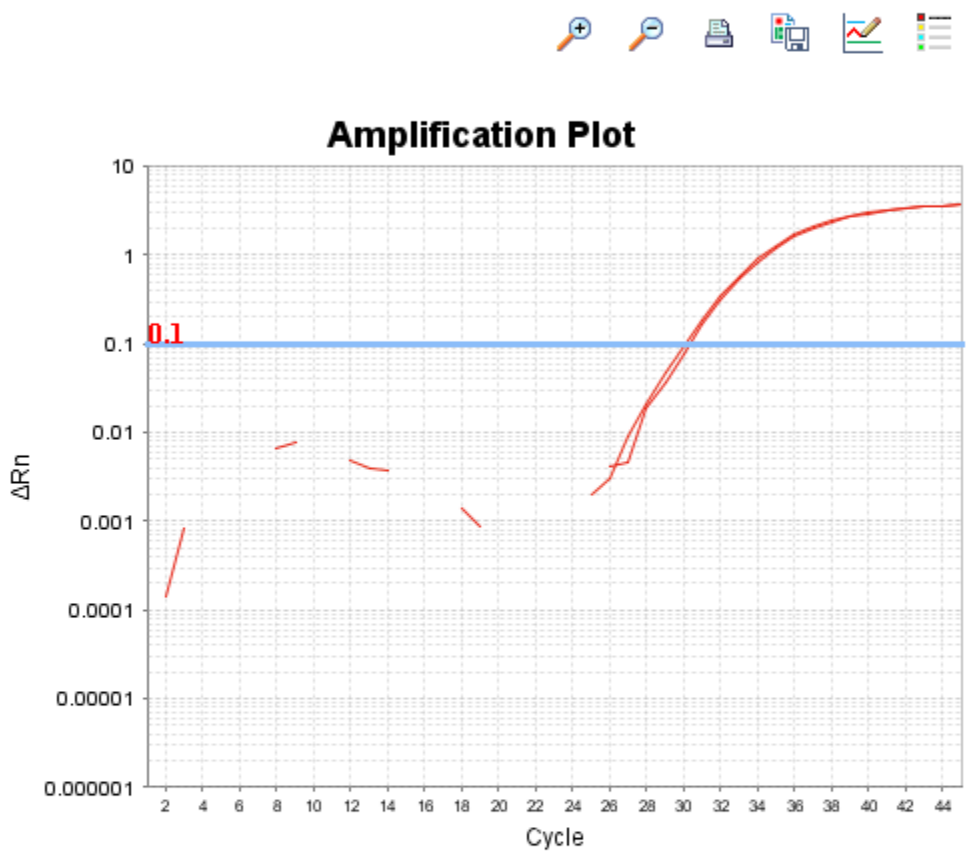
**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

**Plot Settings**

Plot Type:  $\Delta Rn$  vs Cycle    Graph Type: Log    Plot Color: Well

Save current settings as the default



Legend

A B C D E F G H

**Options**

Target: 5035S    Threshold:  Auto    0.1     Auto Baseline

Show:  Threshold —  Baseline Start: Well  Target ▲  Baseline End: Well □

Save current settings as the default

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	▲ 1 N 50 N 5... Ct. 3...	▲ 1 N 50 N 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...
B	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...	▲ 2 U 50 U 5... Ct. 3...	▲ 1 U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...
C	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...
D	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...								
E												
F												
G												

Select wells A3 and A4

Setup

**Run**

**Analysis**

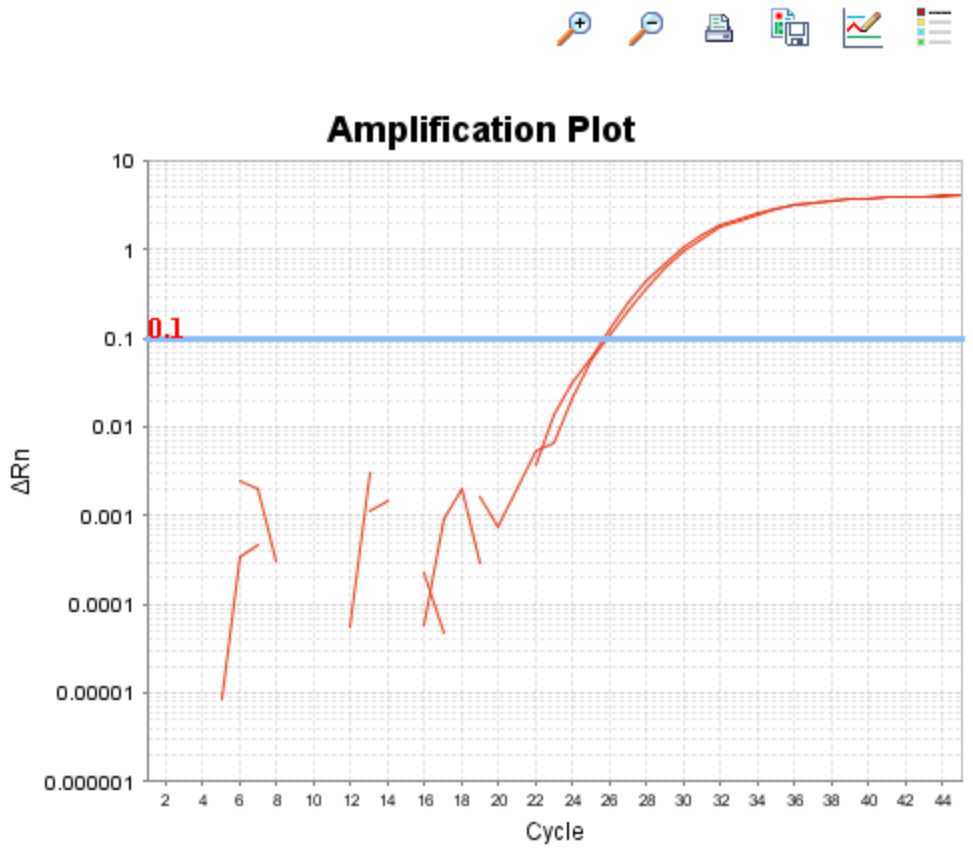
- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

**Amplification Plot**

Plot Settings

Plot Type:  $\Delta Rn$  vs Cycle Graph Type: Log Plot Color: Well

Save current settings as the default



Legend

A B C D E F G H

Options

Target: 5035S Threshold:  Auto 0.1  Auto Baseline

Show:  Threshold  Baseline Start: Well  Target  Baseline End: Well

Save current settings as the default

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	1 N 50 N 5... Ct. 3...	1 N 50 N 5... Ct. 3...	1 U 5... U 5... Ct. 3...	1 U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	1 U 5... U 5... Ct. 3...	1 U 5... U 5... Ct. 3...
B	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	1 U 5... U 5... Ct. 3...	1 U 5... U 5... Ct. 3...	2 U 5... U 5... Ct. 3...	1 U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...
C	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...
D	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...	U 5... U 5... Ct. 3...								
E												
F												
G												

Select wells A5 and A6.....

**Run**

**Analysis**

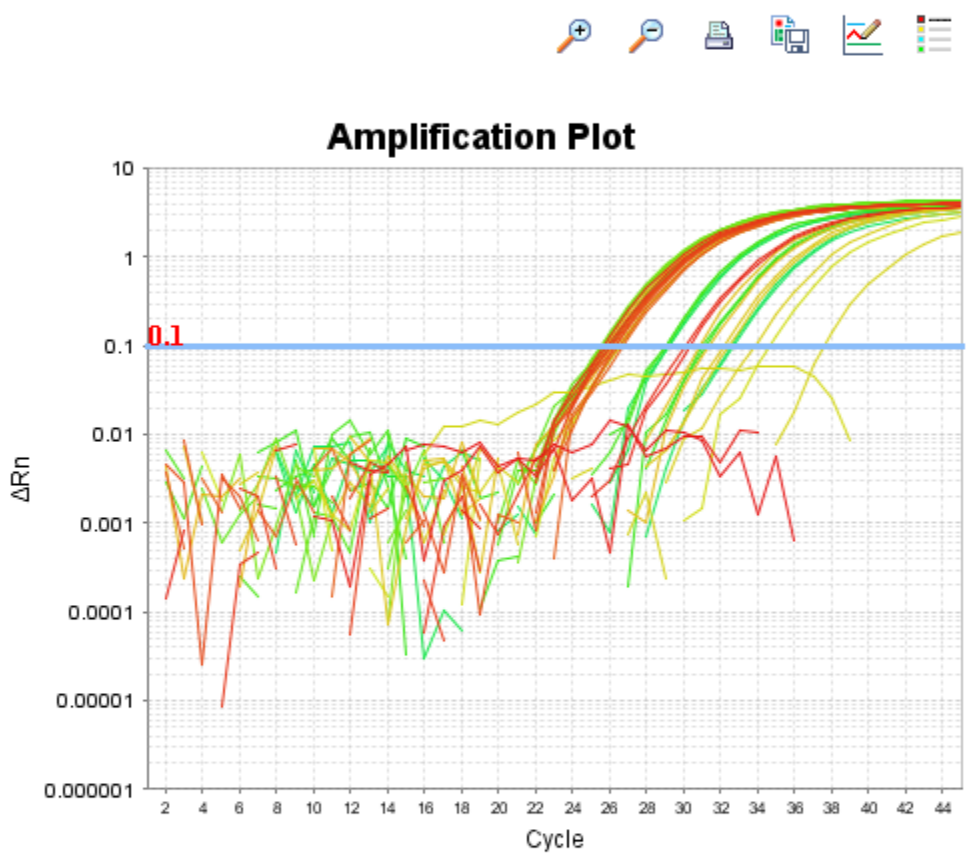
- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

**Amplification Plot**

**Plot Settings**

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: Well

Save current settings as the default



**Legend**

A B C D E F G H

**Options**

Target: 5035S | Threshold:  Auto 0.1 |  Auto Baseline

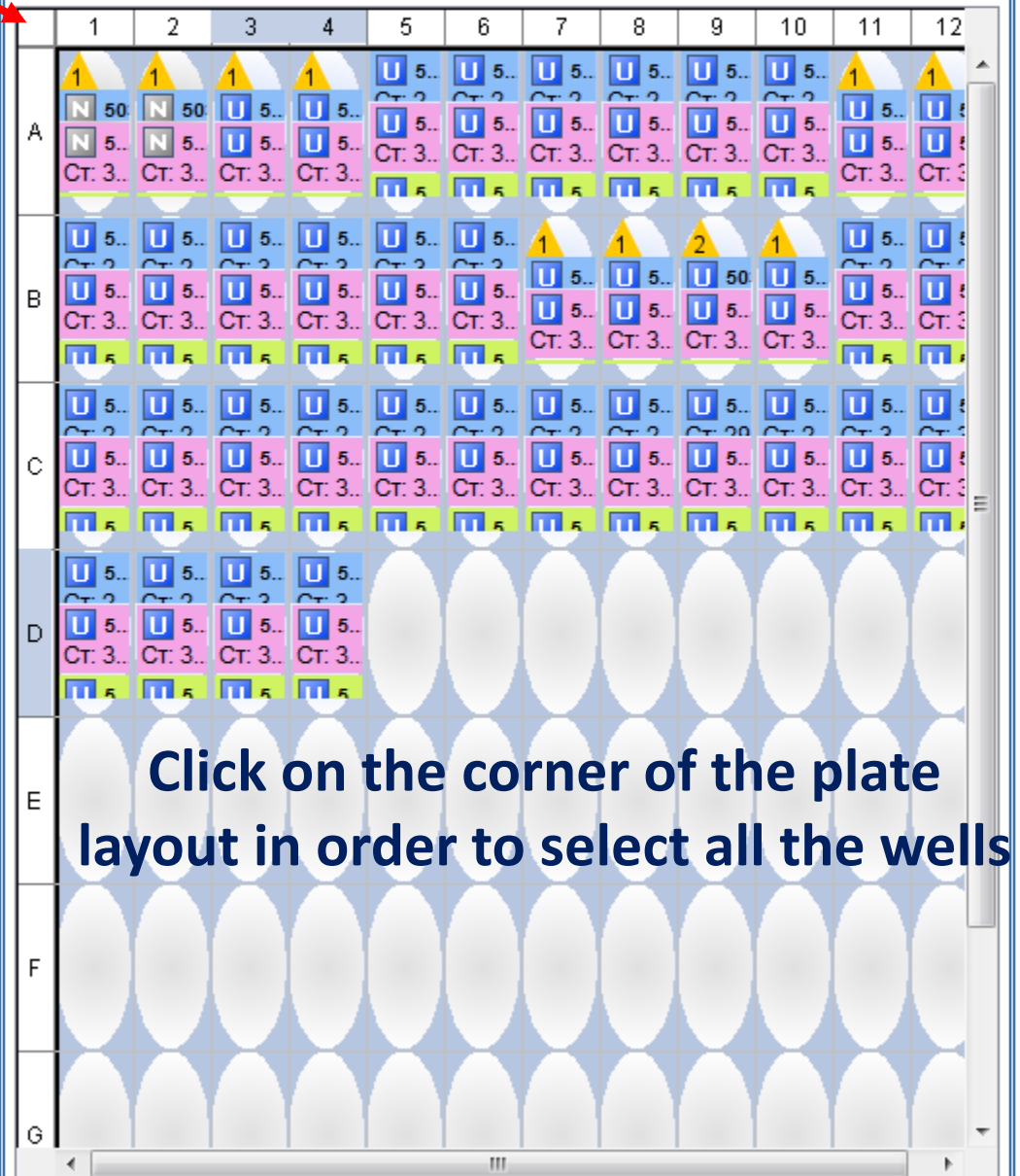
Show:  Threshold —  Baseline Start: Well  Target ▲  Baseline End: Well □

Save current settings as the default

View Plate Layout | View Well Table

Select Wells With: - Select Item - | - Select Item -

Show in Wells | View Legend



Check amplification plot for each well per target

3. Target: NOS

# Analysis

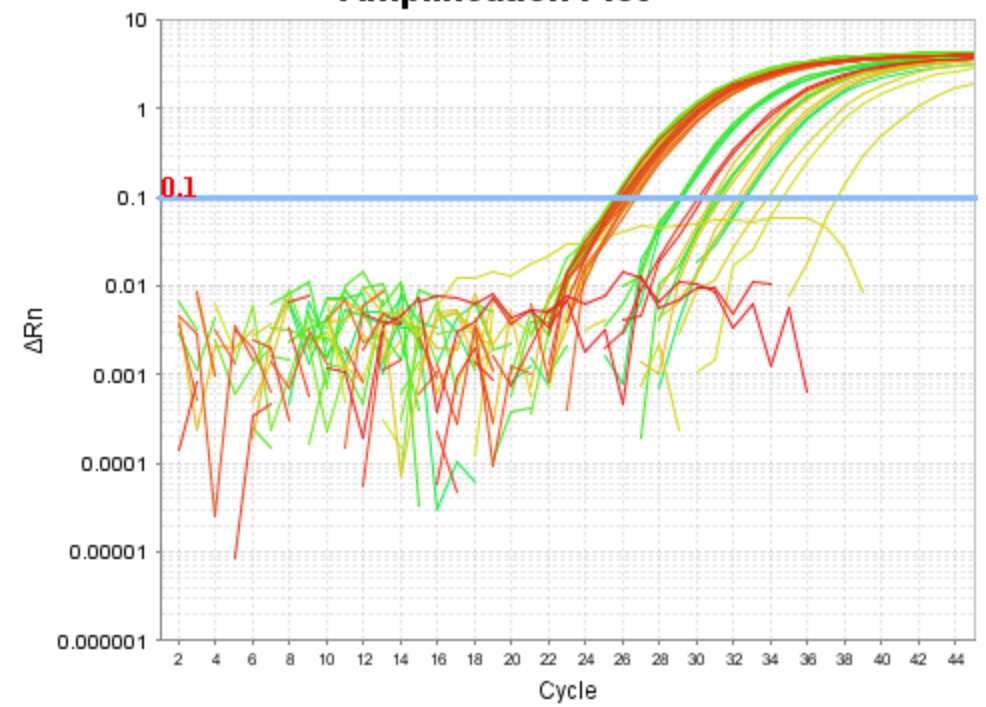
- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

Plot Type: Line Cycle Graph Type: Log Plot Color: Well

Save current settings as the default



## Amplification Plot



Legend

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

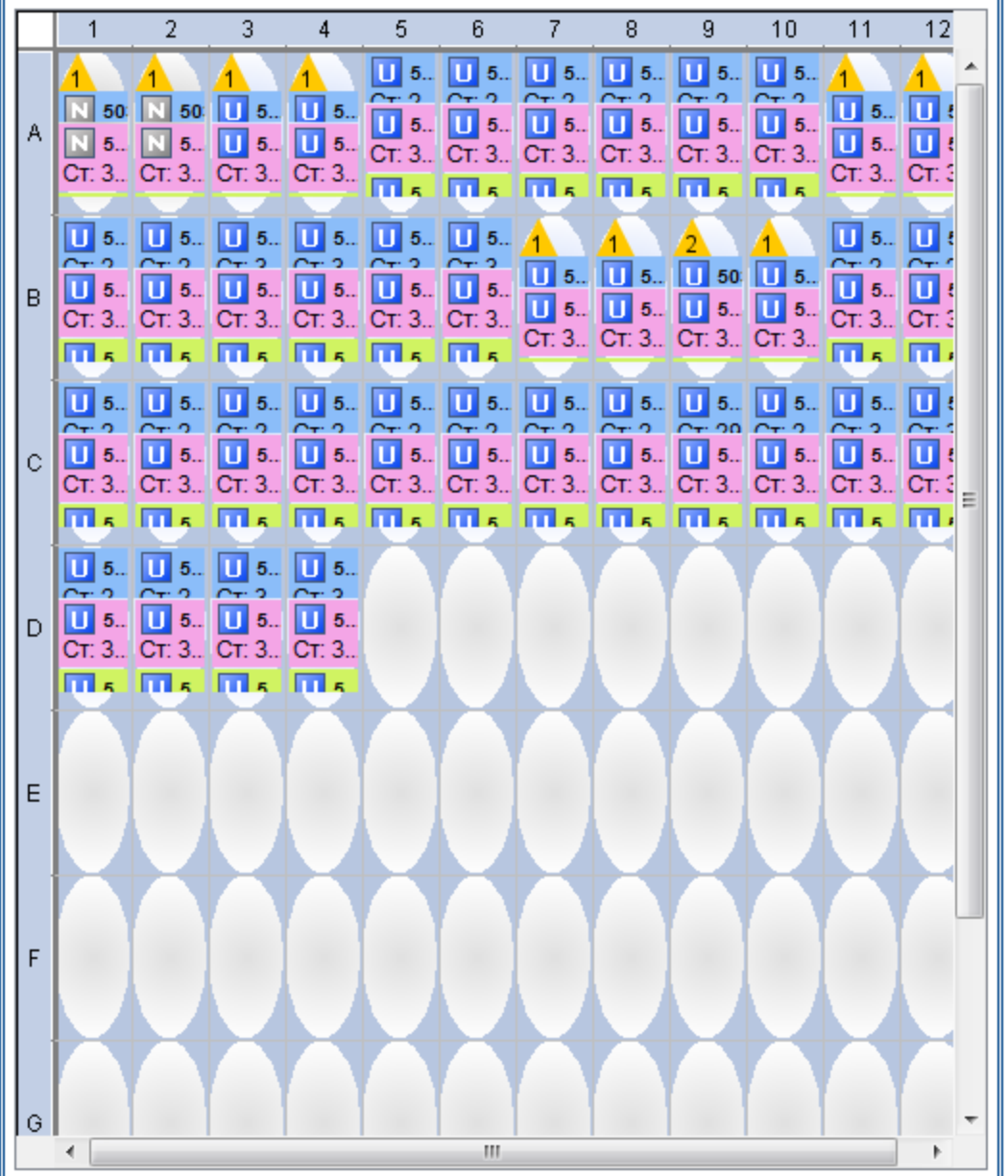
Options

Target: 5035S Threshold:  Auto 0.1  Auto Baseline

Show:  5035S  50IPC  50nos

Save All settings as the default

Show in Wells View Legend



Wells: U 38 Unknown S 0 Standard N 2 Negative Control 56 Empty

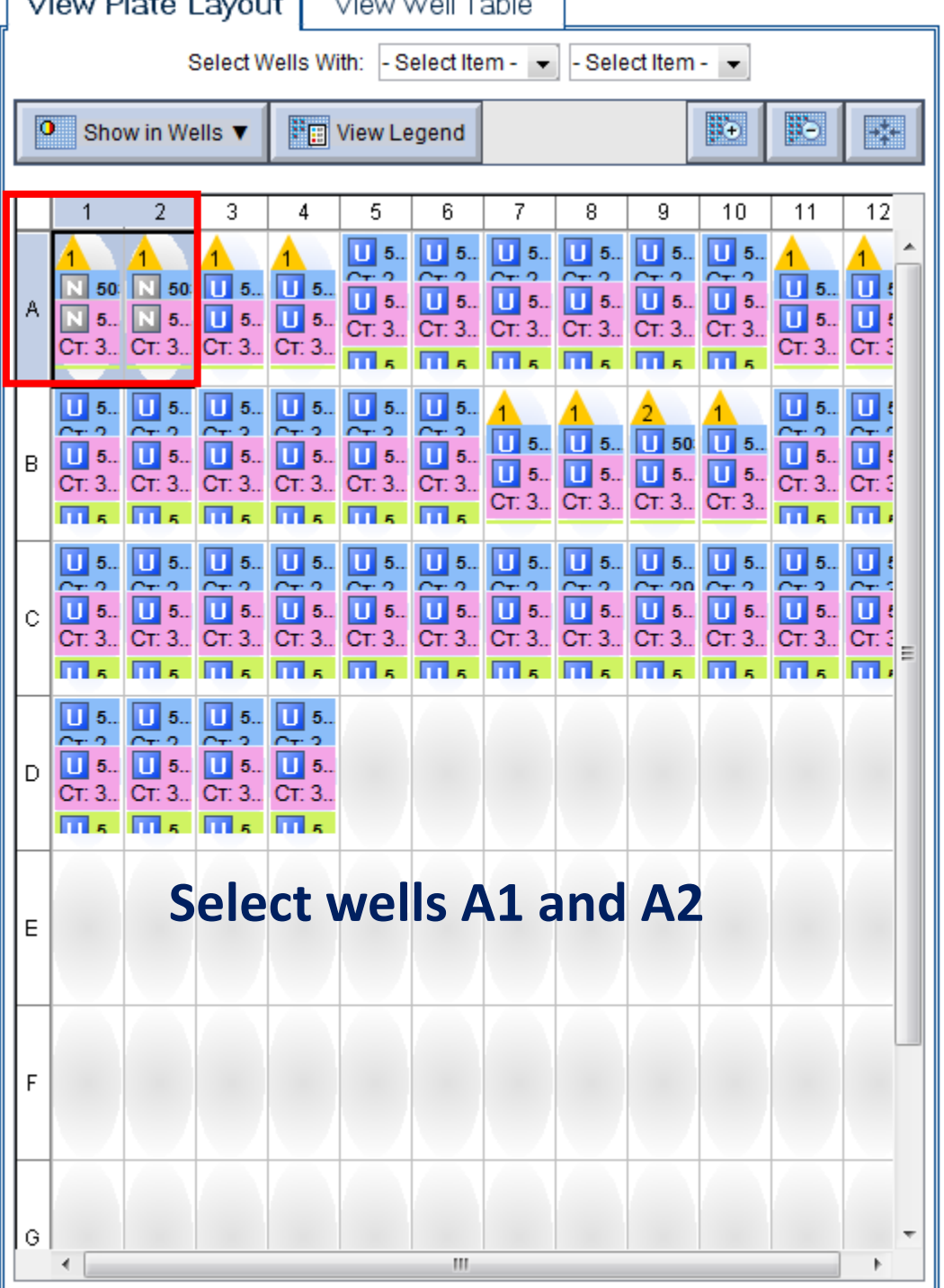
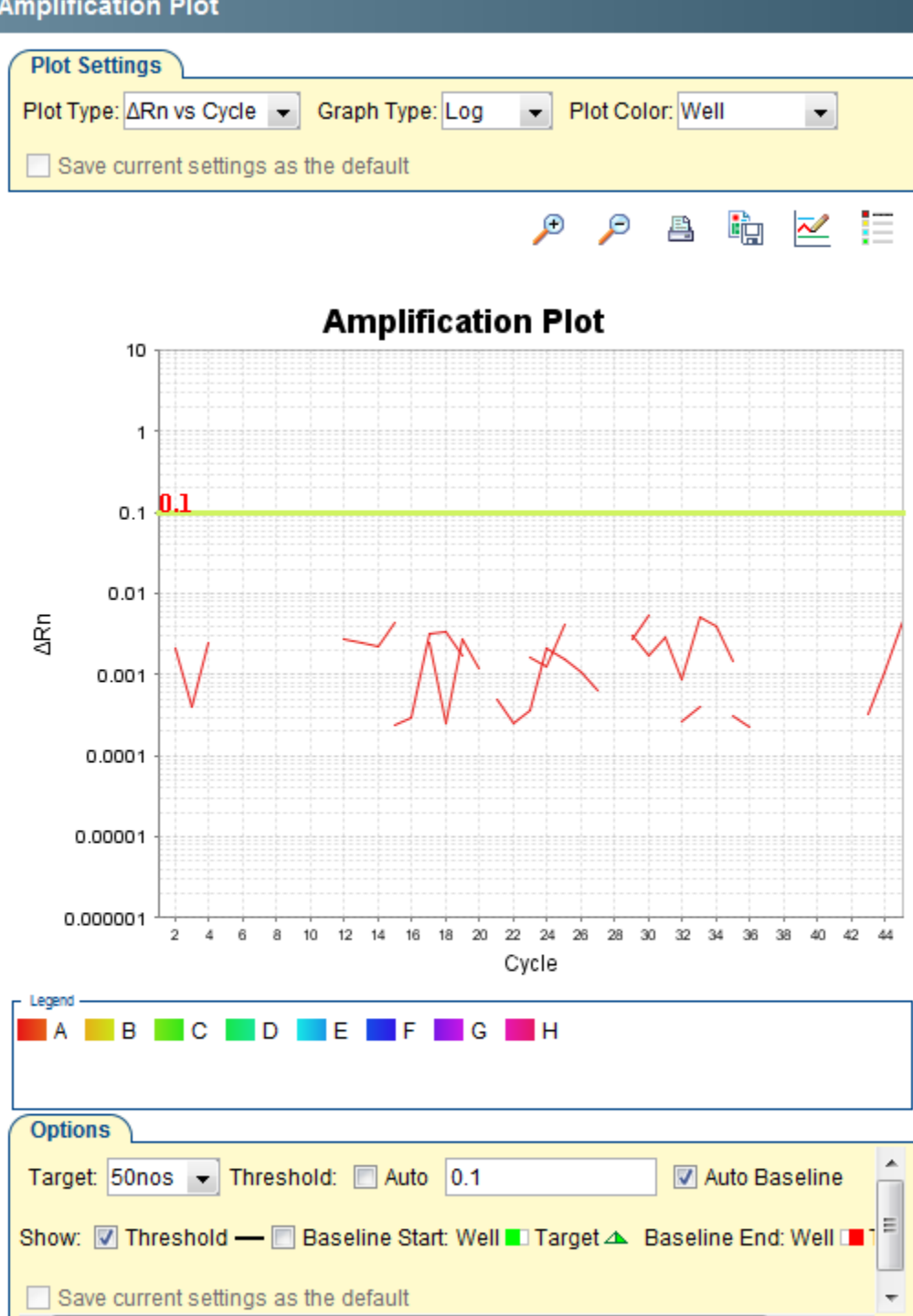


Setup

**Run**

**Analysis**

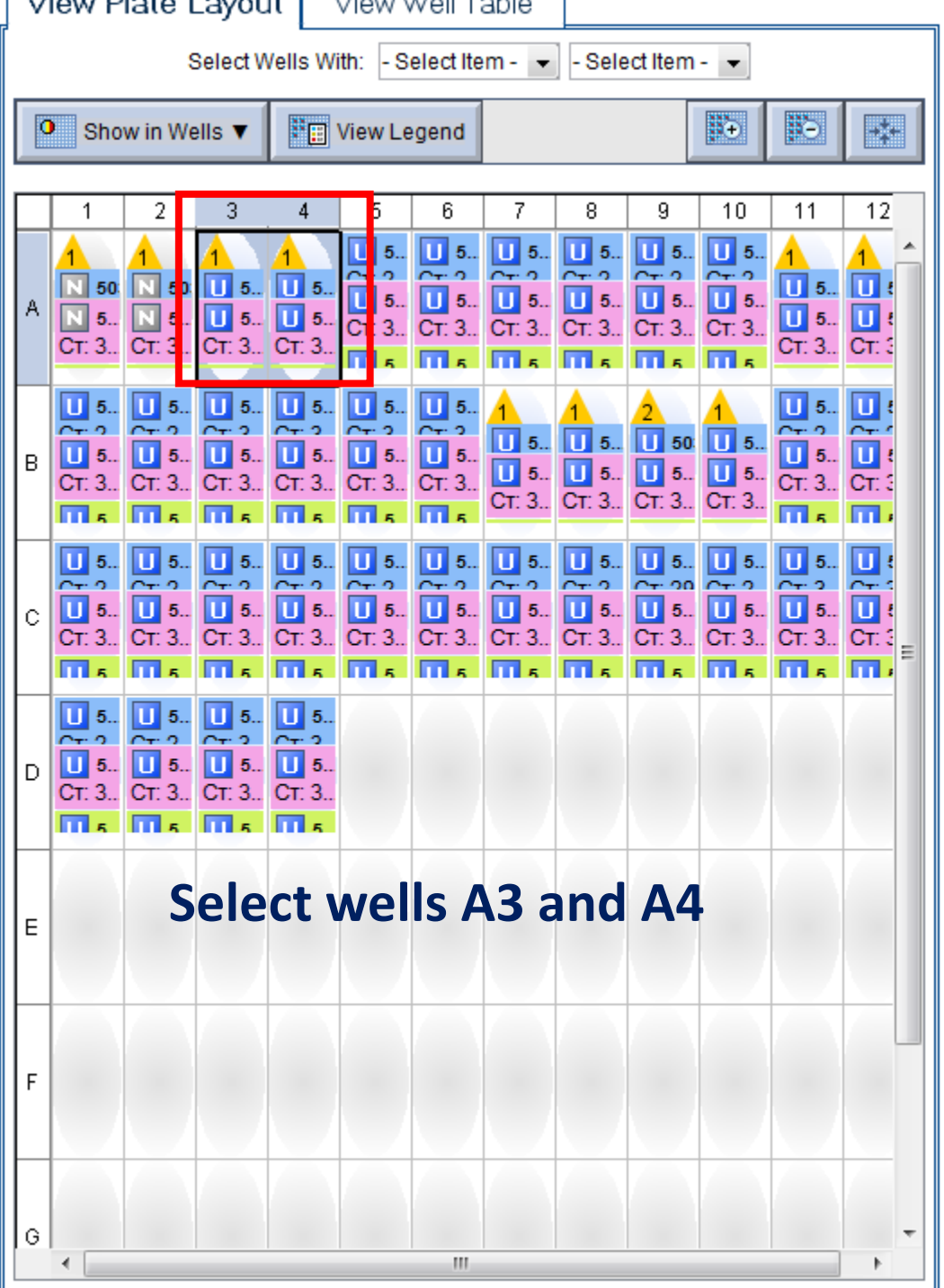
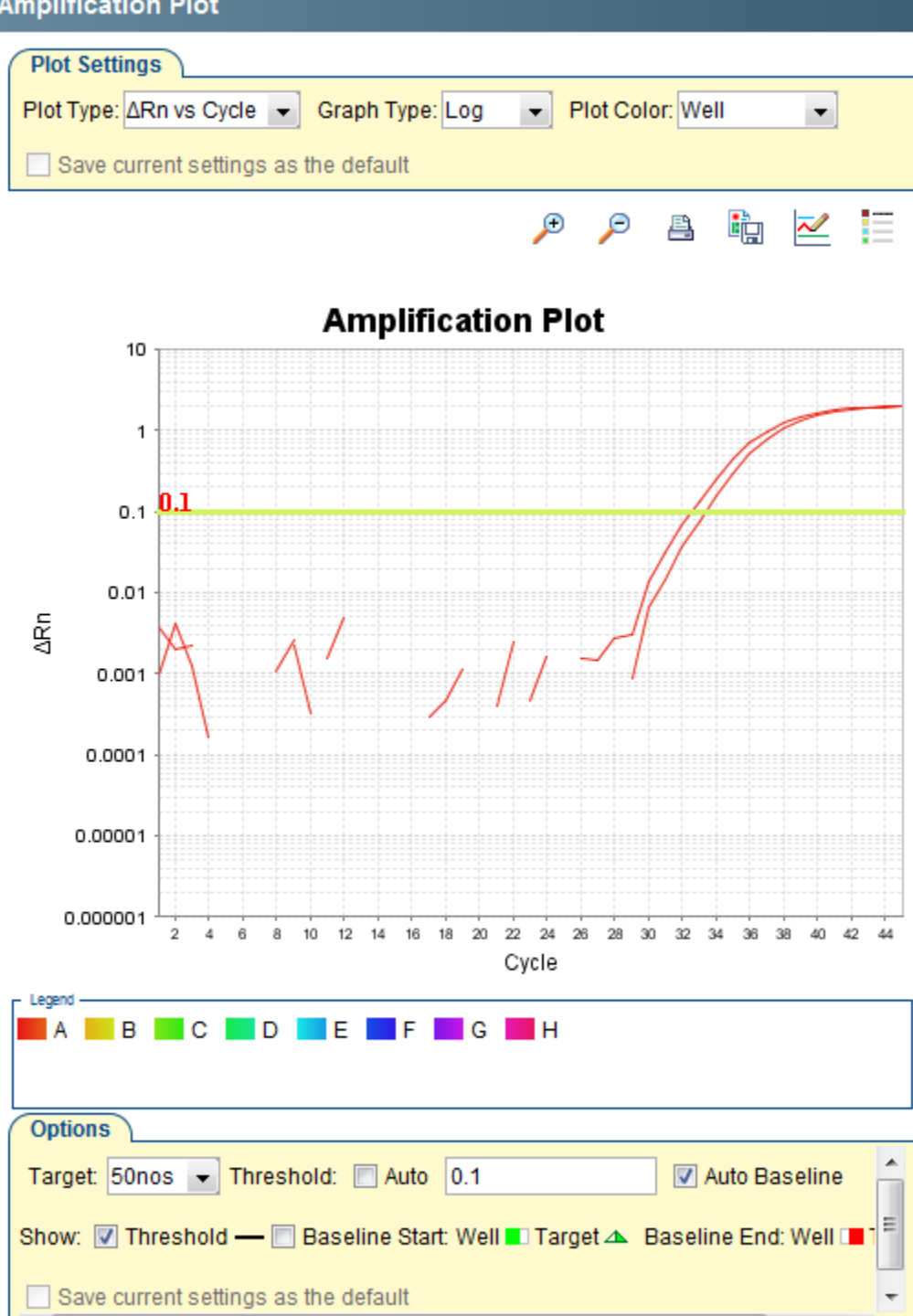
- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View



**Run**

**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

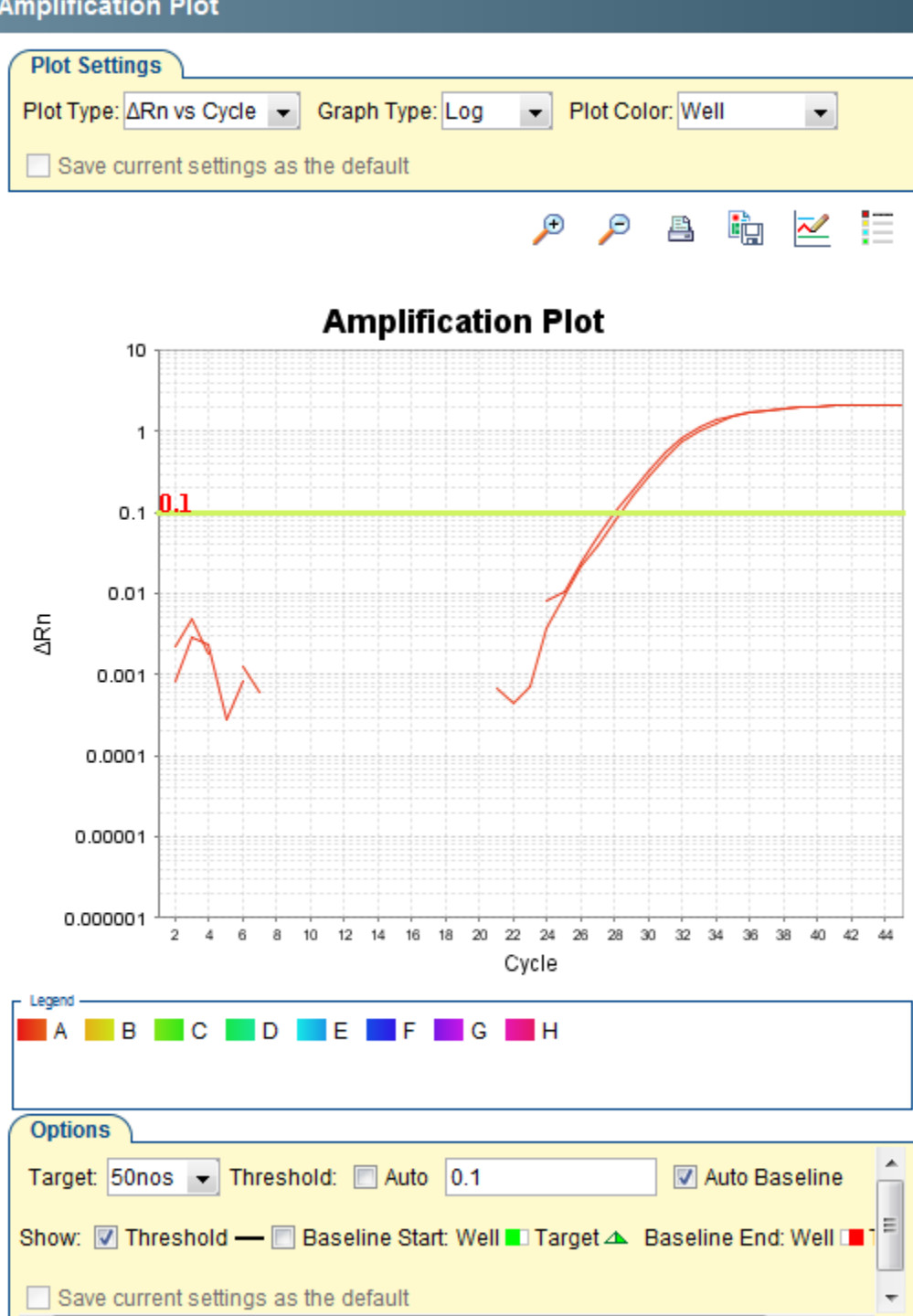


**Setup**

**Run**

**Analysis**

- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View



View Plate Layout    View Well Table

Select Wells With: - Select Item -    - Select Item -

Show in Wells    View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	▲ 1 N 50 N 5... Ct. 3..	▲ 1 N 50 N 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..
B	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..	▲ 2 U 50 U 5... Ct. 3..	▲ 1 U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..
C	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..
D	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..	U 5... U 5... Ct. 3..								
E												
F												
G												

Select wells A5 and A6...

**Run**

**Analysis**

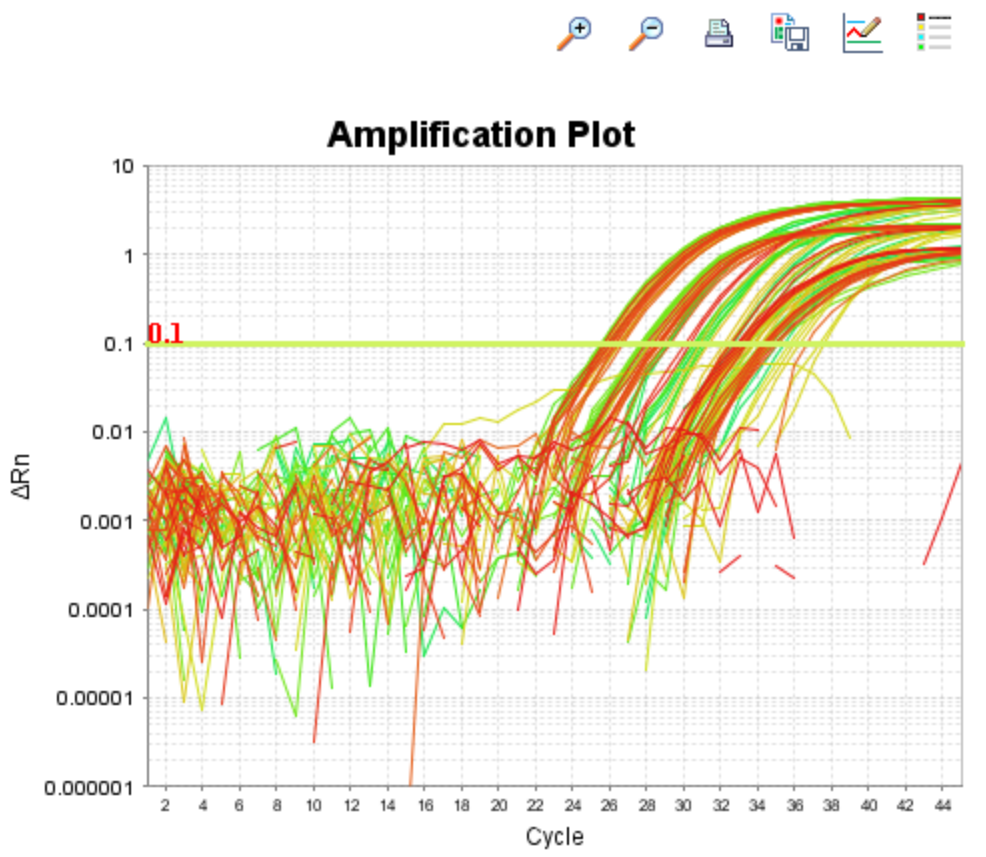
- Amplification Plot
- Standard Curve
- Multicomponent Plot
- Raw Data Plot
- QC Summary
- Multiple Plots View

**Amplification Plot**

Plot Settings

Plot Type:  $\Delta Rn$  vs Cycle | Graph Type: Log | Plot Color: Well

Save current settings as the default



Legend

A B C D E F G H

Options

Target: All | Threshold:  Auto |  Auto Baseline

Show:  Threshold —  Baseline Start: Well  Target  Baseline End: Well

Save current settings as the default

View Plate Layout | View Well Table

Select Wells With: - Select Item - | - Select Item -

Show in Wells | View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	U 50 N 50 CT. 3	U 50 N 50 CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3
B	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3
C	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3
D	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3	U 5... CT. 3
E												
F												
G												

1. Select all wells
2. Under Target: Select "All"