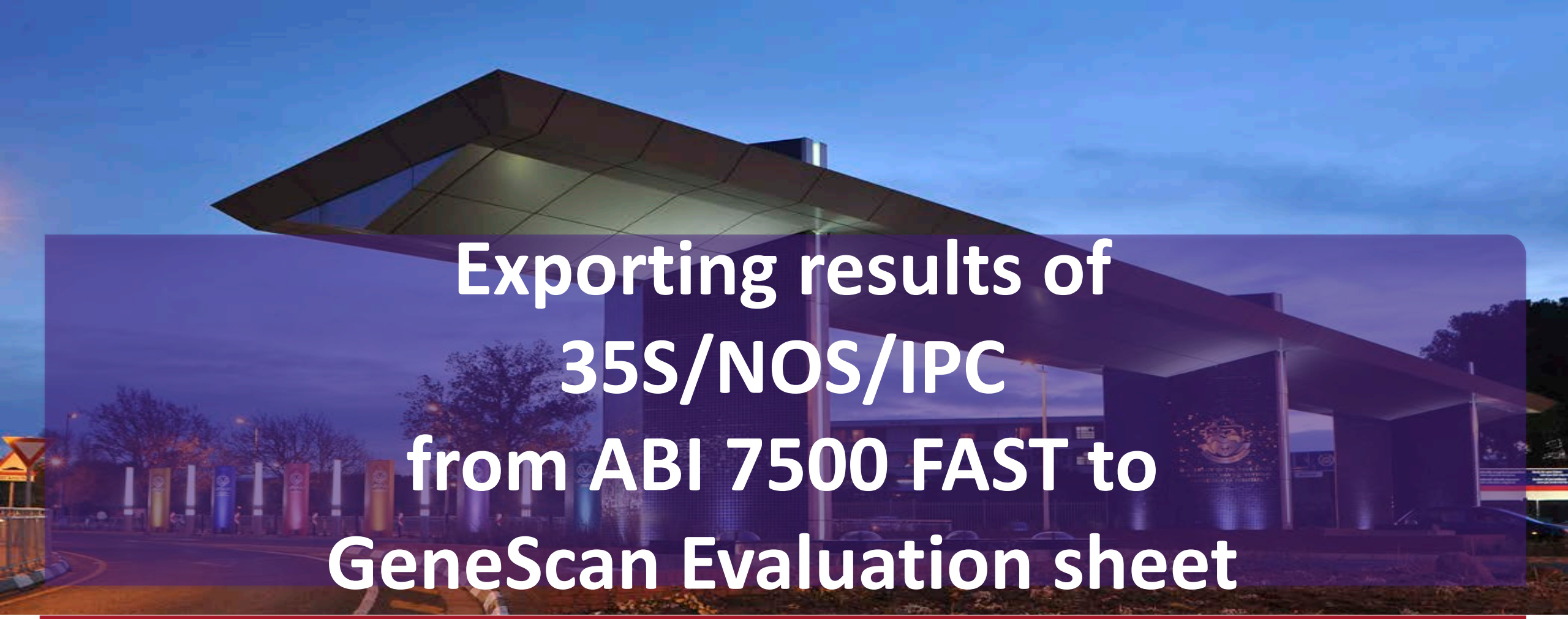


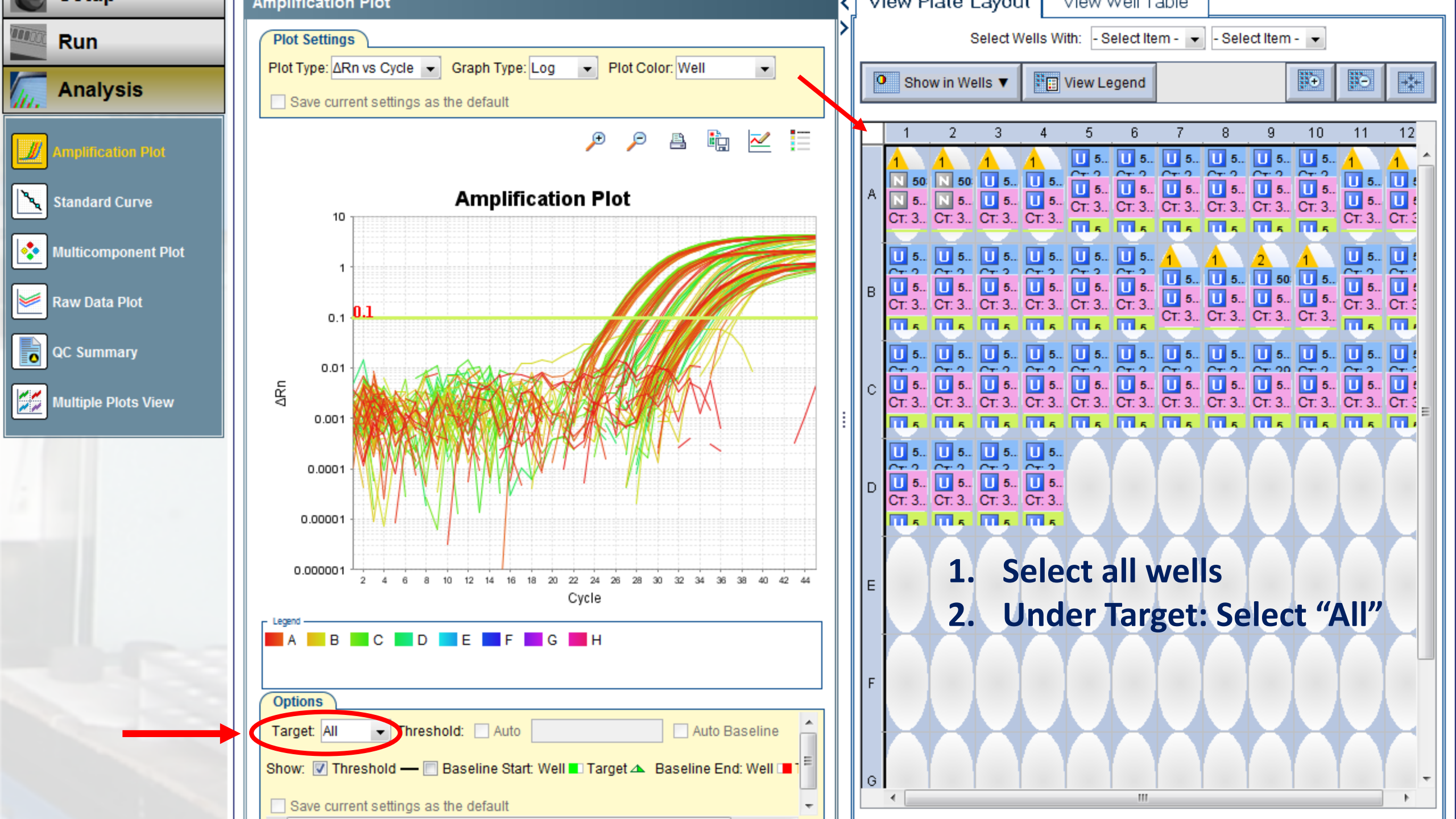
Exporting results of 35S/NOS/IPC from ABI 7500 FAST to GeneScan Evaluation sheet

T: +27(0)51 401 9111 | info@ufs.ac.za | www.ufs.ac.za

GMO Testing Facility

UNIVERSITY OF THE FREE STATE
UNIVERSITEIT VAN DIE VRYSTAAT
YUNIVESITHI YA FREISTATA

UFS·UV
HEALTH SCIENCES
GESONDHEIDSWETENSKAPPE


Run
Analysis
Amplification Plot
Standard Curve
Multicomponent Plot
Raw Data Plot
QC Summary
Multiple Plots View
Amplification Plot
Plot Settings
Plot Type: ΔRn vs Cycle
Graph Type: Log
Plot Color: Well
Save current settings as the default
Amplification Plot
ΔRn
Cycle
0.1
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. Select all wells
2. Under Target: Select "All"

7500 Software v2.3

File Edit Instrument Analysis Tools Help

New Experiment Open... Save Close Export... Print Report...

Minimize

Experiment Menu

Setup

Run

Analysis

Amplification Plot

Standard Curve

Multicomponent Plot

Raw Data Plot

QC Summary

Multiple Plots View

Experiment: Double Screen **Type:** Standard Curve **Reagents:** TaqMan® Reagents

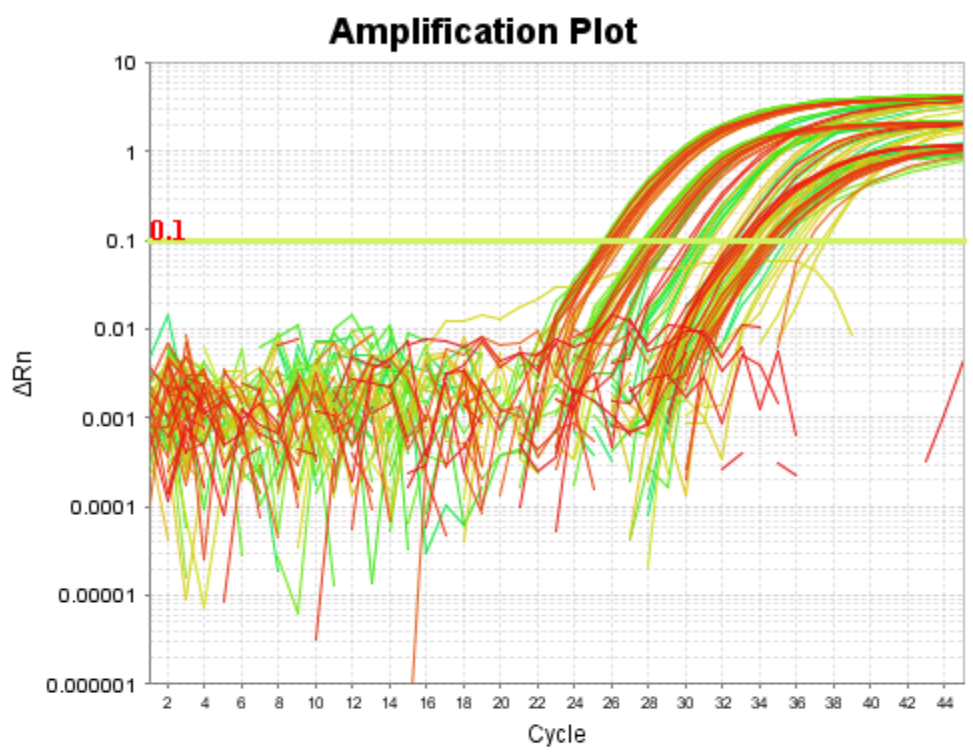
Analyze Analysis Settings

Amplification Plot

Plot Settings

Plot Type: ΔRn vs Cycle Graph Type: Log Plot Color: Well

Save current settings as the default

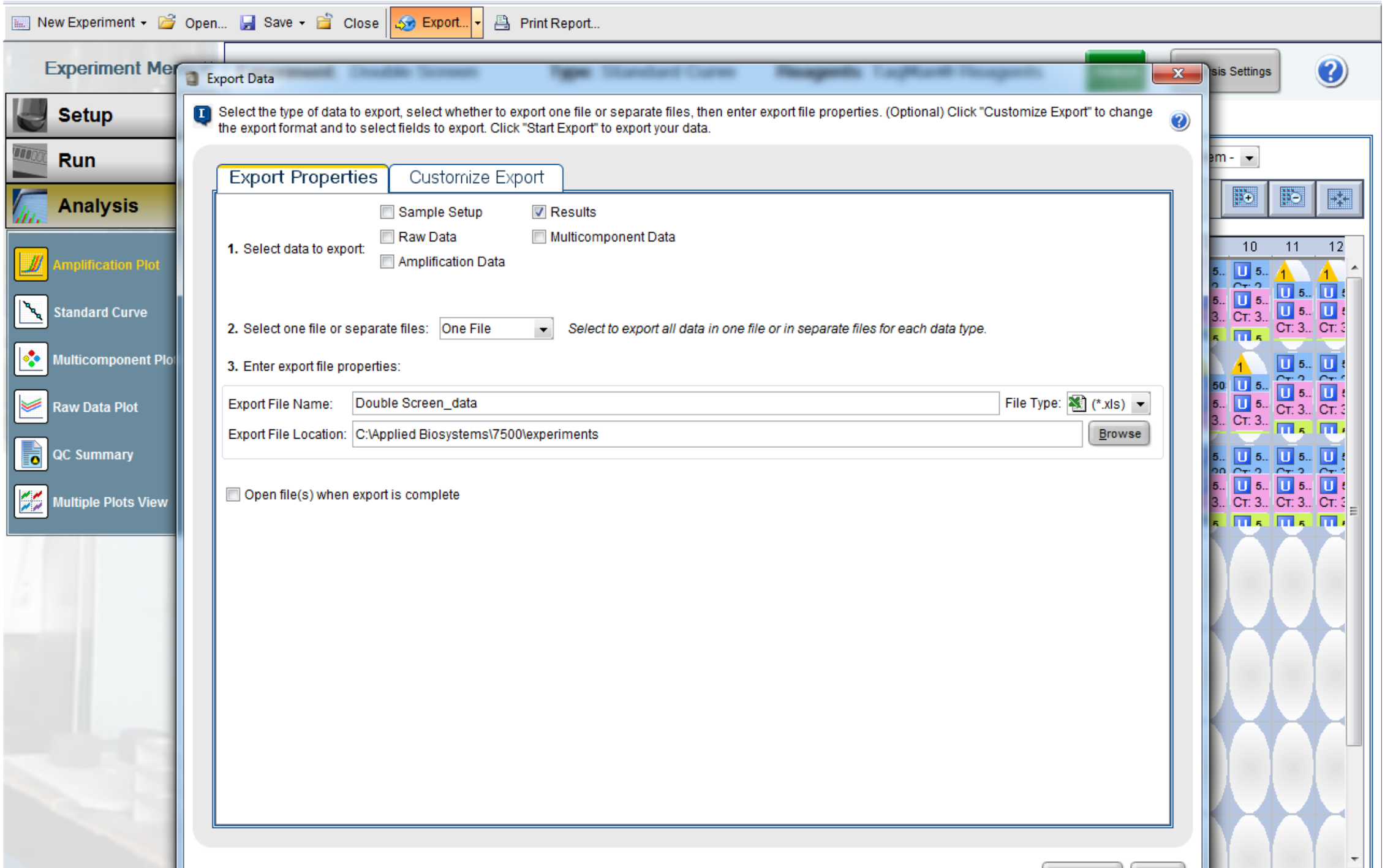


Legend A B C D E F G H

View Plate Layout View Well Table

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

Show in Wells View Legend


New Experiment
Open...
Save
Close
Export...
Print Report...
Setup
Run
Analysis
Amplification Plot
Standard Curve
Raw Data Plot
QC Summary
Multiple Plots View
Export Data
Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.
Export Properties
Customize Export
1. Select data to export:
Sample Setup
Results
Raw Data
Multicomponent Data
Amplification Data
2. Select one file or separate files:
One File
Select to export all data in one file or in separate files for each data type.
3. Enter export file properties:
Export File Name:
Double Screen_data
File Type:
(*.xls)
Export File Location:
C:\Applied Biosystems\7500\experiments
Browse
Open file(s) when export is complete

Export Data

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

Ensure that the "Results" box is selected

1. Select data to export:
   - [ ] Sample Setup
   - [ ] Raw Data
   - [ ] Amplification Data
   - [x] Results
   - [ ] Multicomponent Data

Include Results in export

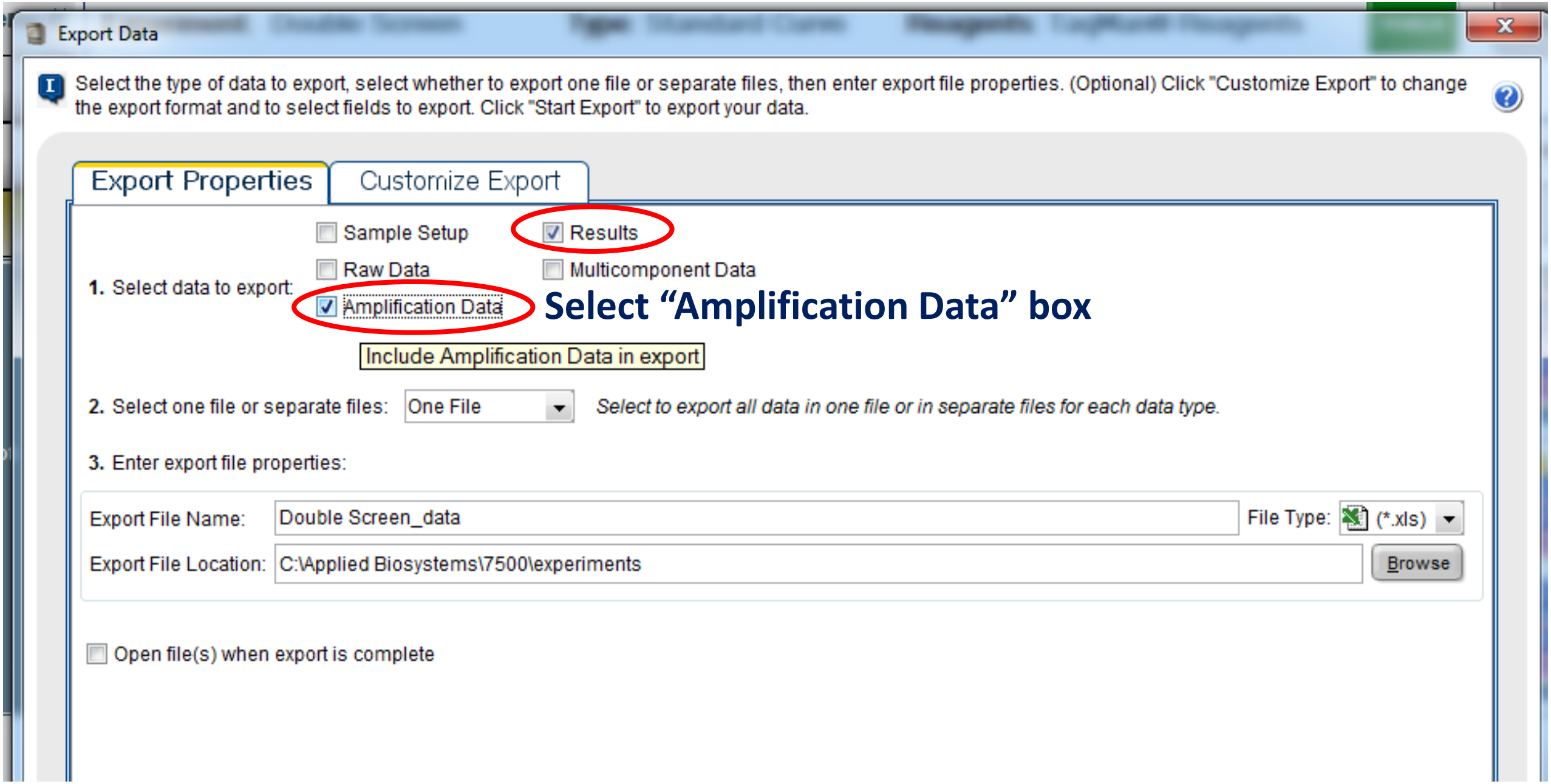
2. Select one file or separate files: One File — *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Export File Name: Double Screen_data File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments Browse

- [ ] Open file(s) when export is complete


Export Data
Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.
Export Properties
Customize Export
1. Select data to export:
Sample Setup
Results
Raw Data
Multicomponent Data
Amplification Data
Select “Amplification Data” box
Include Amplification Data in export
2. Select one file or separate files:
One File
Select to export all data in one file or in separate files for each data type.
3. Enter export file properties:
Export File Name:
Double Screen_data
File Type:
(*.xls)
Export File Location:
C:\Applied Biosystems\7500\experiments
Browse
Open file(s) when export is complete

Export Data

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data to export:
- [ ] Sample Setup
- [x] Results
- [ ] Raw Data
- [ ] Multicomponent Data
- [x] Amplification Data

2. Select one file or separate files: One File — *Select to export all data in one file or in separate files for each data type.*
   - One File
   - Separate Files

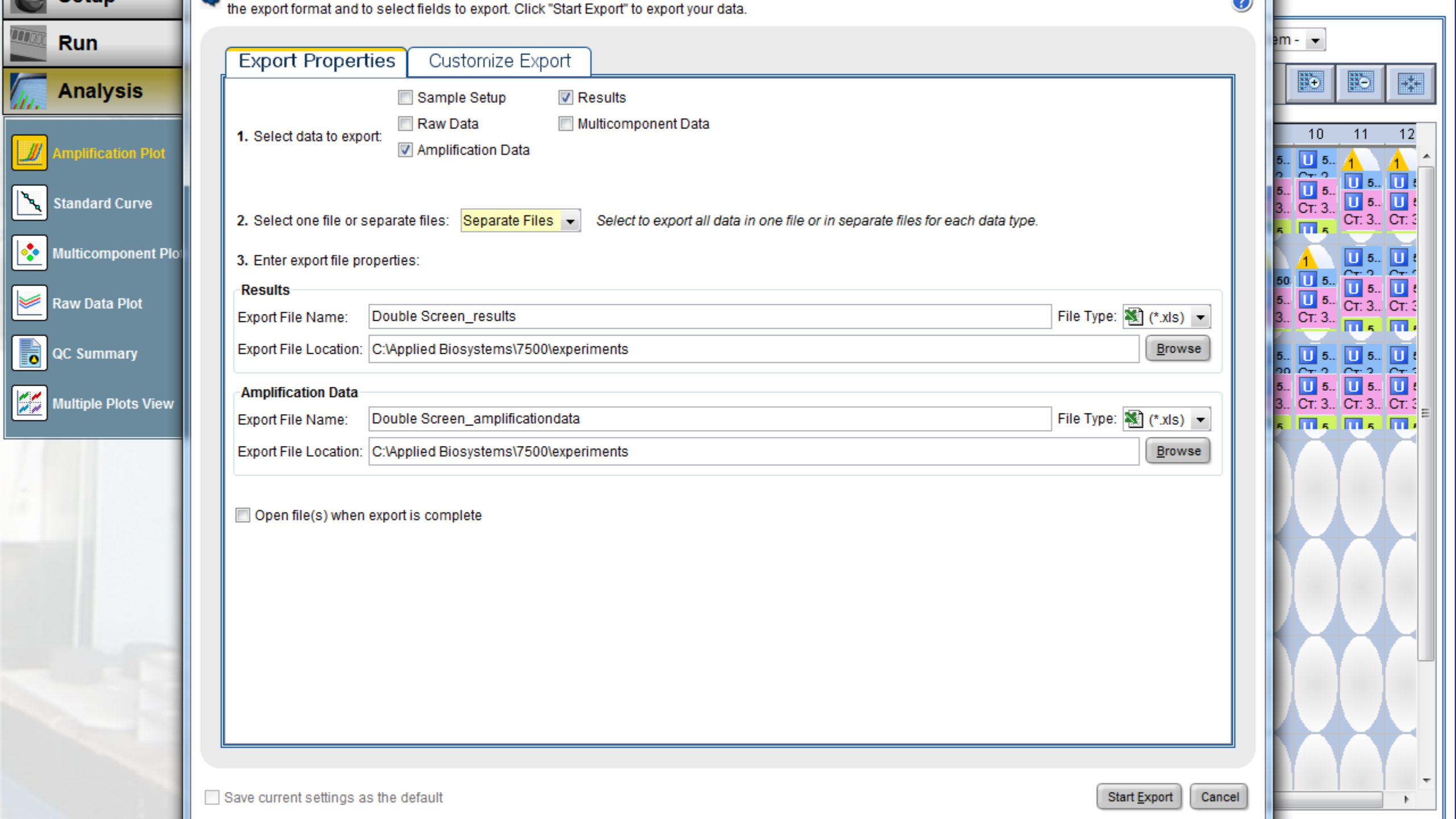
3. Enter export file properties:

Export File Name: Double Screen_data File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments Browse

- [ ] Open file(s) when export is complete

Select "Separate Files"


Run
Analysis
Amplification Plot
Standard Curve
Multicomponent Plot
Raw Data Plot
QC Summary
Multiple Plots View
the export format and to select fields to export. Click "Start Export" to export your data.
Export Properties
Customize Export
1. Select data to export:
Sample Setup
Raw Data
Amplification Data
Results
Multicomponent Data
2. Select one file or separate files:
Separate Files
Select to export all data in one file or in separate files for each data type.
3. Enter export file properties:
Results
Export File Name:
Double Screen_results
File Type:
(*.xls)
Export File Location:
C:\Applied Biosystems\7500\experiments
Browse
Amplification Data
Export File Name:
Double Screen_amplificationdata
File Type:
(*.xls)
Export File Location:
C:\Applied Biosystems\7500\experiments
Browse
Open file(s) when export is complete
Save current settings as the default
Start Export
Cancel
10
11
12

Export Data

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data to export:
- [ ] Sample Setup
- [x] Results
- [ ] Raw Data
- [ ] Multicomponent Data
- [x] Amplification Data

2. Select one file or separate files: Separate Files — *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Results

Export File Name: 07-11-2019-RESULTS | File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments | Browse

Amplification Data

Export File Name: Double Screen_amplificationdata | File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments | Browse

- [ ] Open file(s) when export is complete

Export Data

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data to export:
- [ ] Sample Setup
- [x] Results
- [ ] Raw Data
- [ ] Multicomponent Data
- [x] Amplification Data

2. Select one file or separate files: Separate Files — *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Results

Export File Name: 07-11-2019-RESULTS — File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments — Browse

Amplification Data

Export File Name: Double Screen_amplificationdata — File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments — Browse

- [ ] Open file(s) when export is complete

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data t
2. Select one fil
3. Enter export

Results

Export File Nam
Export File Loca

Amplification D

Export File Nam
Export File Loca

Open file(s)

(*.xls) Browse

(*.xls) Browse

Open

Look in: Desktop

Recent Items
Desktop
My Documents
Computer
Network

Computer
Network
Libraries
UVP
7500 & 7500 Fast Software v2.3
ABI7500Fast version 2.3 Windows 7
My Documents - Shortcut

File name: C:\Users\UVP\Desktop

Files of type: All Files

Open
Cancel

Export Data

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data to export:
- [ ] Sample Setup
- [x] Results
- [ ] Raw Data
- [ ] Multicomponent Data
- [x] Amplification Data

2. Select one file or separate files: Separate Files — *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Results

Export File Name: 07-11-2019-RESULTS — File Type: (*.xls)

Export File Location: C:\Users\UVP\Desktop — Browse

Amplification Data

Export File Name: Double Screen_amplificationdata — File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments — Browse

- [ ] Open file(s) when export is complete

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data to export:
- [ ] Sample Setup
- [x] Results
- [ ] Raw Data
- [ ] Multicomponent Data
- [x] Amplification Data

2. Select one file or separate files: Separate Files — *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Results

Export File Name: 07-11-2019-RESULTS — File Type: (*.xls)

Export File Location: C:\Users\UVP\Desktop — Browse

Amplification Data

Export File Name: 07-11-2019-AMPLIFICATION — File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments — Browse

- [ ] Open file(s) when export is complete

Export Data

Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.

Export Properties | Customize Export

1. Select data to export:
- [ ] Sample Setup
- [x] Results
- [ ] Raw Data
- [ ] Multicomponent Data
- [x] Amplification Data

2. Select one file or separate files: Separate Files — *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Results

Export File Name: 07-11-2019-RESULTS — File Type: (*.xls)

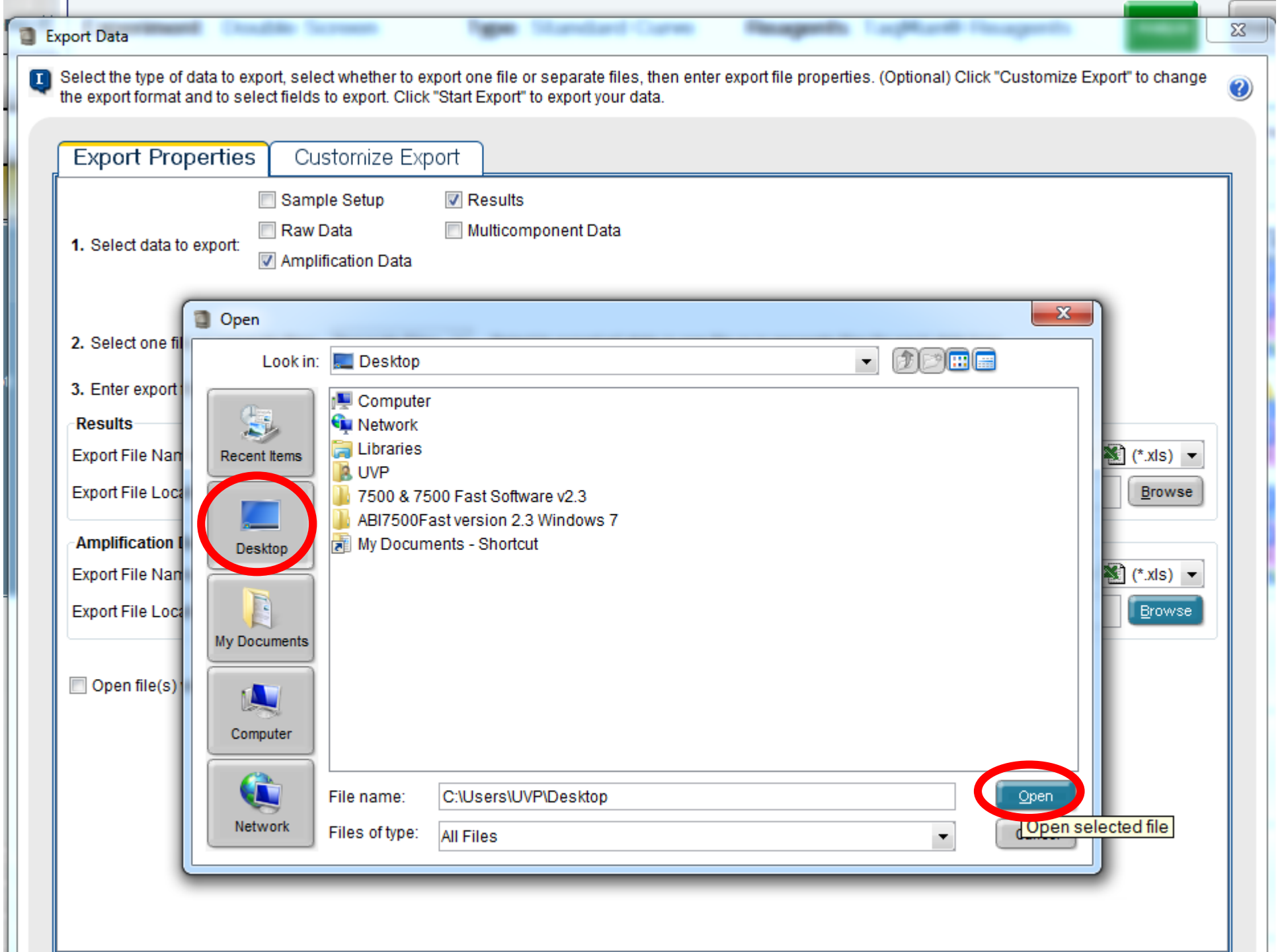
Export File Location: C:\Users\UVP\Desktop — Browse

Amplification Data

Export File Name: 07-11-2019-AMPLIFICATION — File Type: (*.xls)

Export File Location: C:\Applied Biosystems\7500\experiments — Browse

- [ ] Open file(s) when export is complete


Export Data
Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.
Export Properties
Customize Export
1. Select data to export:
Sample Setup
Raw Data
Amplification Data
Results
Multicomponent Data
2. Select one fi
3. Enter export
Results
Export File Nan
Export File Loca
Amplification D
Export File Nan
Export File Loca
Open file(s)
(*.xls)
Browse
(*.xls)
Browse
Open
Look in:
Desktop
Recent Items
Desktop
My Documents
Computer
Network
Computer
Network
Libraries
UVP
7500 & 7500 Fast Software v2.3
ABI7500Fast version 2.3 Windows 7
My Documents - Shortcut
File name:
C:\Users\UVP\Desktop
Files of type:
All Files
Open
Open selected file

2. Select one file or separate files: Separate Files *Select to export all data in one file or in separate files for each data type.*

3. Enter export file properties:

Results

Export File Name: 07-11-2019-RESULTS File Type: (*.xls)

Export File Location: C:\Users\UVP\Desktop Browse

Amplification Data

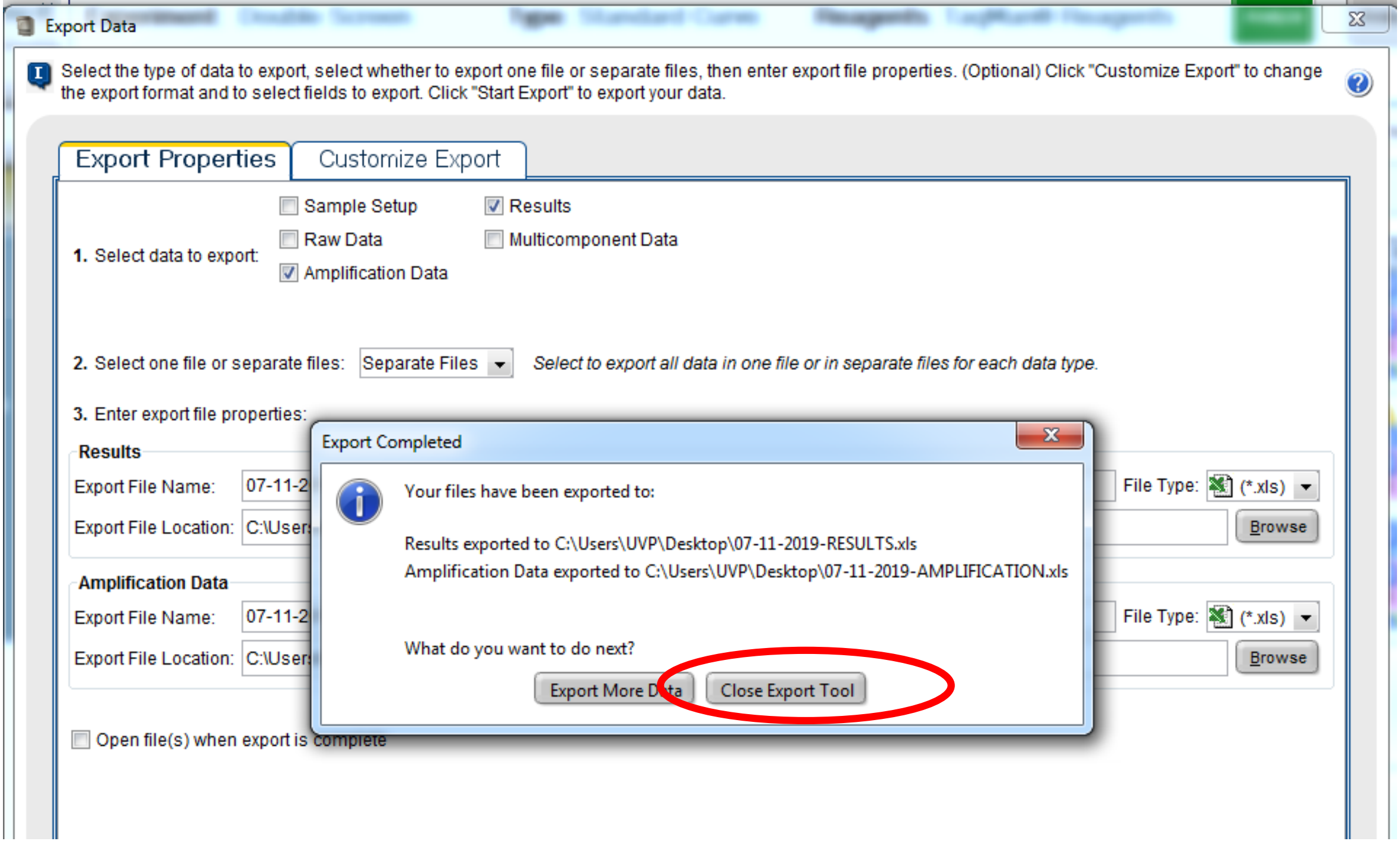
Export File Name: 07-11-2019-AMPLIFICATION File Type: (*.xls)

Export File Location: C:\Users\UVP\Desktop Browse

Open file(s) when export is complete

Save current settings as the default

Start Export Cancel


Export Data
Select the type of data to export, select whether to export one file or separate files, then enter export file properties. (Optional) Click "Customize Export" to change the export format and to select fields to export. Click "Start Export" to export your data.
Export Properties
Customize Export
1. Select data to export:
Sample Setup
Raw Data
Amplification Data
Results
Multicomponent Data
2. Select one file or separate files:
Separate Files
Select to export all data in one file or in separate files for each data type.
3. Enter export file properties:
Results
Export File Name:
07-11-2
Export File Location:
C:\User
File Type:
(*.xls)
Browse
Amplification Data
Export File Name:
07-11-2
Export File Location:
C:\User
File Type:
(*.xls)
Browse
Open file(s) when export is complete
Export Completed
Your files have been exported to:
Results exported to C:\Users\UVP\Desktop\07-11-2019-RESULTS.xls
Amplification Data exported to C:\Users\UVP\Desktop\07-11-2019-AMPLIFICATION.xls
What do you want to do next?
Export More Data
Close Export Tool

1. Open the GeneScan Evaluation Sheet
2. Enable editing content / macros as required
3. Select -----> File -----> Save As
4. Save the Excel File using the same name as the Run File

Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW

Sign in

GS-P-09.017

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Macros

For the function of this sheet macros has to be enabled. Please refer to the links below how to enable macros in Excel sheet, how to change the security settings and how to add, remove or modify a trusted location in Excel 2010.

Enable or disable macros in Offic
Change macro security settings i
Add, remove or modify a trusted location

Reporter / Quencher

Please use for Template-Setup, RealTime PCR Setup etc. the below mentioned Reporter/Quencher Combinations and the recommended Assay-/Detector-Names. If you use other notations (than the mentioned below or in Validation data sheet) for RealTime PCR setup the correct function of this Evaluation sheet couldn't ensure.
For Reporter/Quencher Combinations and Assay-/Detector-Names of modules not shown in the tables below please refer to the Validation data sheet submited with the release of each module or refer to the manual.

		1	2			IPC
Module	GS-P-09.017	1735S	17nos			17IPC
System	Dye:	FAM	JOE			Cy5
Instrument		NFQ	NFQ			NFQ

NTC
Pos. Control

GS-P-09.038 event MON89034
GS-P-09.039 bar-gene
GS-P-09.040 event MON88017
GS-P-09.041 event 3272
GS-P-09.043 eventH7-1
GS-P-09.044 event305423
GS-P-09.045 nos/DHFR1-T/G
GS-P-09.046 Tobacco NIR2
GS-P-09.047 Cotton SAH7
GS-P-09.050 35S/NOS V2
GS-P-09.053 eventDP098140-6
GS-P-09.055 event KMD1
GS-P-09.061 35S/NOS/FMV
GS-P-09.063 CV127-HT-G/G

Platelayout

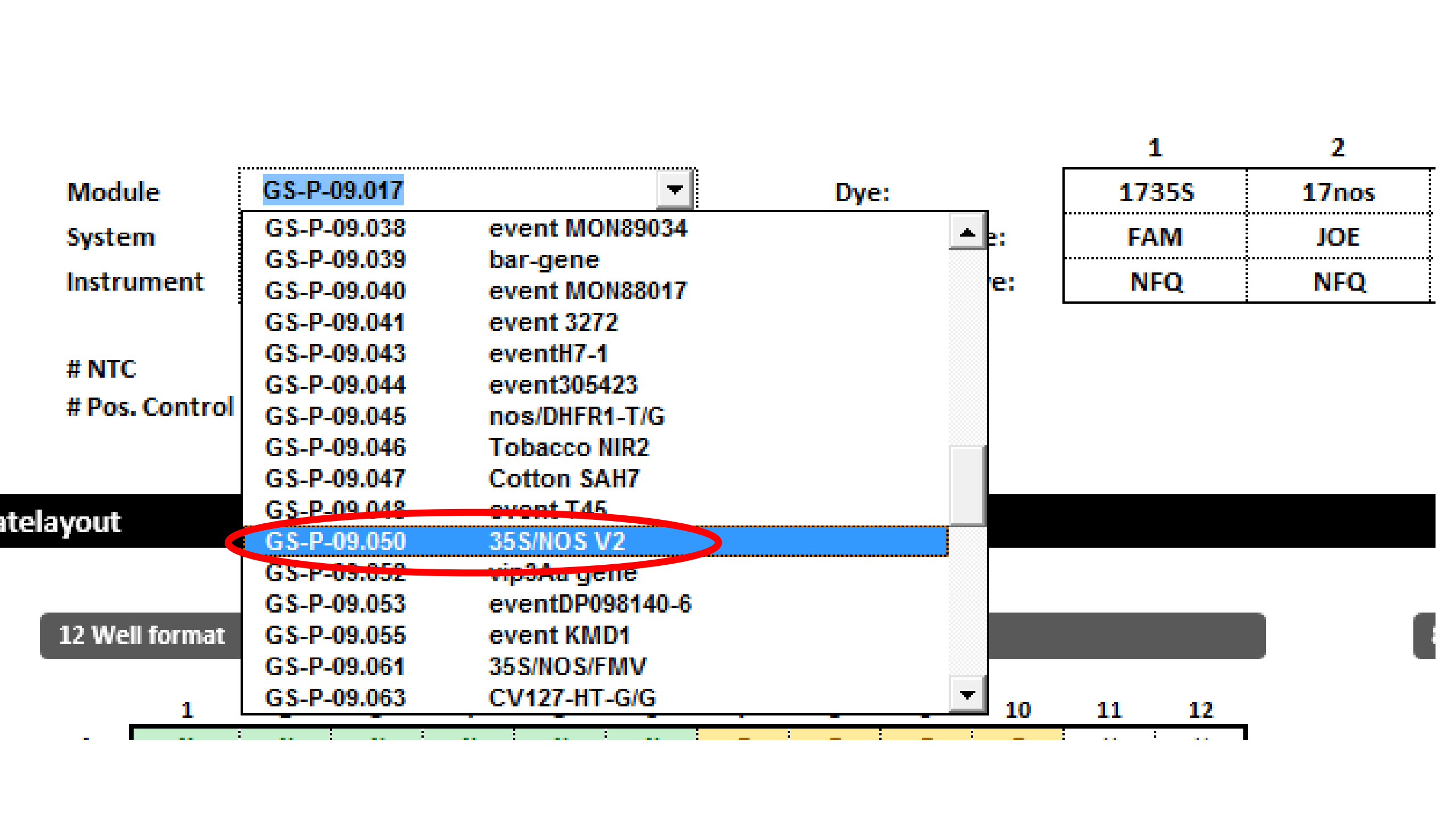
12 Well format

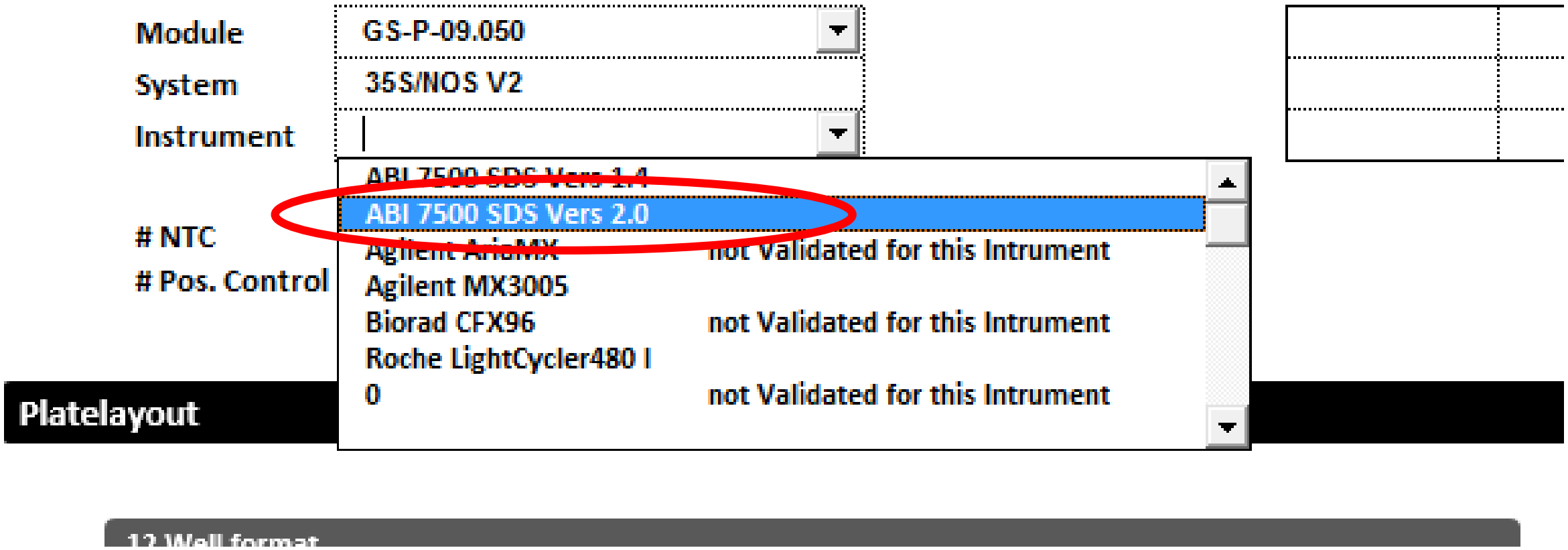
	1	2	3	4	5	6	7	8	9	10	11	12
A	N	N	N	N	N	N	P	P	P	P	U	U
B	U	U	U	U	U	U	U	U	U	U	U	U
C	U	U	U	U	U	U	U	U	U	U	U	U
D	U	U	U	U	U	U	U	U	U	U	U	U
E	U	U	U	U	U	U	U	U	U	U	U	U

8 Well format

	H	G	F	E	D	C	B	A
1	N	N	N	N	N	N	P	P
2	P	P	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U

Instructions | Evaluation | Change Log


Module
GS-P-09.017
Dye:
System
Instrument
NTC
Pos. Control
1
2
1735S
17nos
FAM
JOE
NFQ
NFQ
GS-P-09.038 event MON89034
GS-P-09.039 bar-gene
GS-P-09.040 event MON88017
GS-P-09.041 event 3272
GS-P-09.043 eventH7-1
GS-P-09.044 event305423
GS-P-09.045 nos/DHFR1-T/G
GS-P-09.046 Tobacco NIR2
GS-P-09.047 Cotton SAH7
GS-P-09.050 35S/NOS V2
GS-P-09.053 eventDP098140-6
GS-P-09.055 event KMD1
GS-P-09.061 35S/NOS/FMV
GS-P-09.063 CV127-HT-G/G
atelayout
12 Well format
1
10
11
12


Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 1.4
ABI 7500 SDS Vers 2.0
Agilent AriaMX
not Validated for this Intrument
Agilent MX3005
Biorad CFX96
not Validated for this Intrument
Roche LightCycler480 I
0
not Validated for this Intrument
NTC
Pos. Control
Platelayout
12 Well format

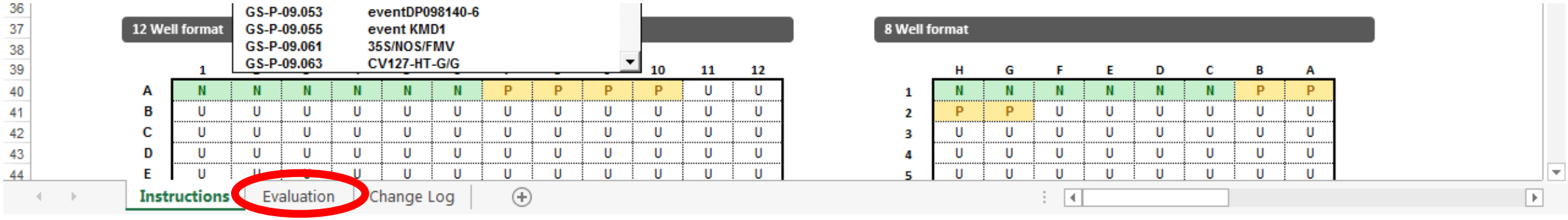
Reporter / Quencher

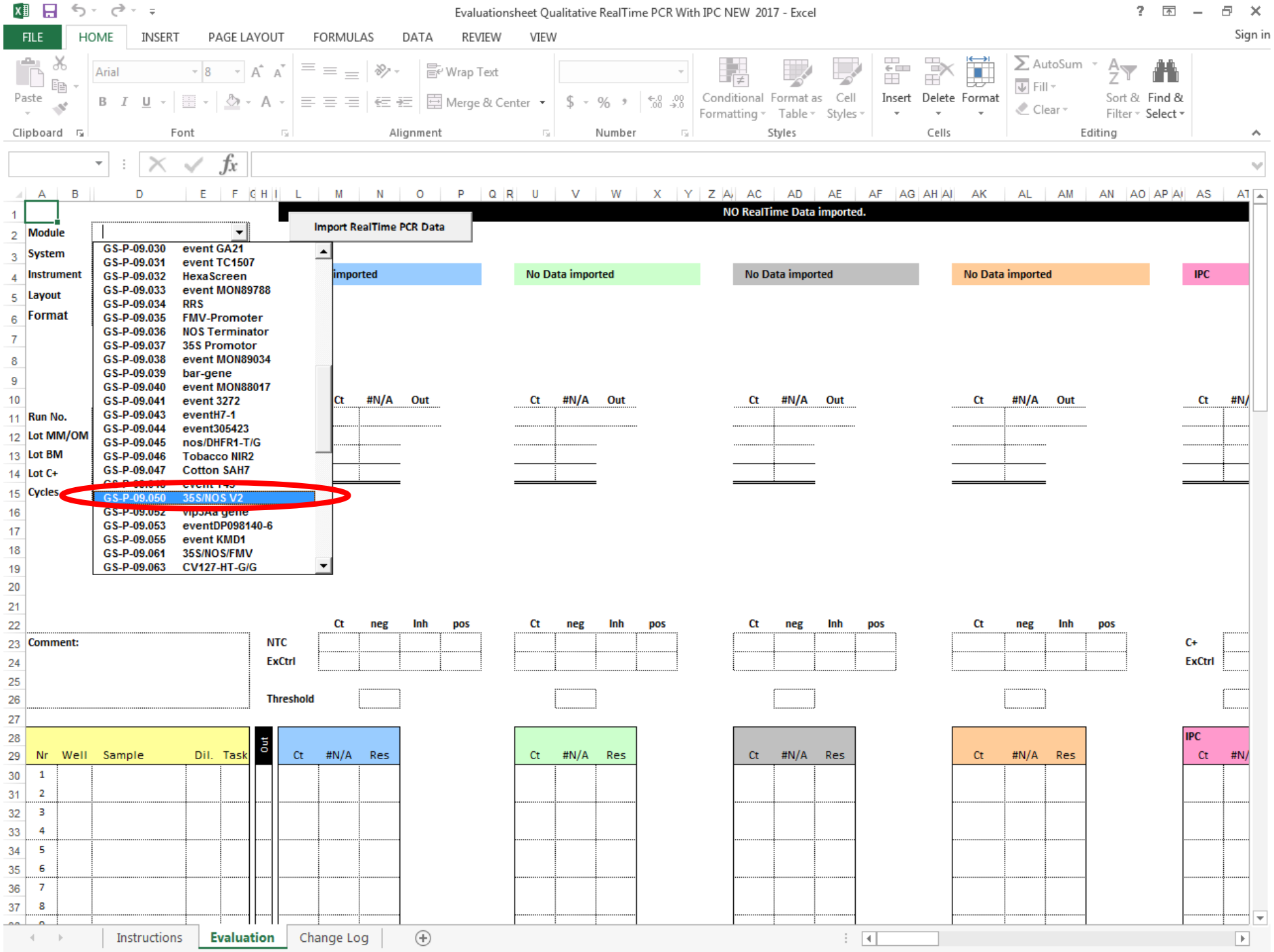
Please use for Template-Setup, RealTime PCR Setup etc. the below mentioned Reporter/Quencher Combinations and the recommended Assay-/Detector-Names. If you use other notations (than the mentioned below or in Validation data sheet) for RealTime PCR setup the correct function of this Evaluation sheet couldn't ensure.
For Reporter/Quencher Combinations and Assay-/Detector-Names of modules not shown in the tables below please refer to the Validation data sheet submited with the release of each module or refer to the manual.

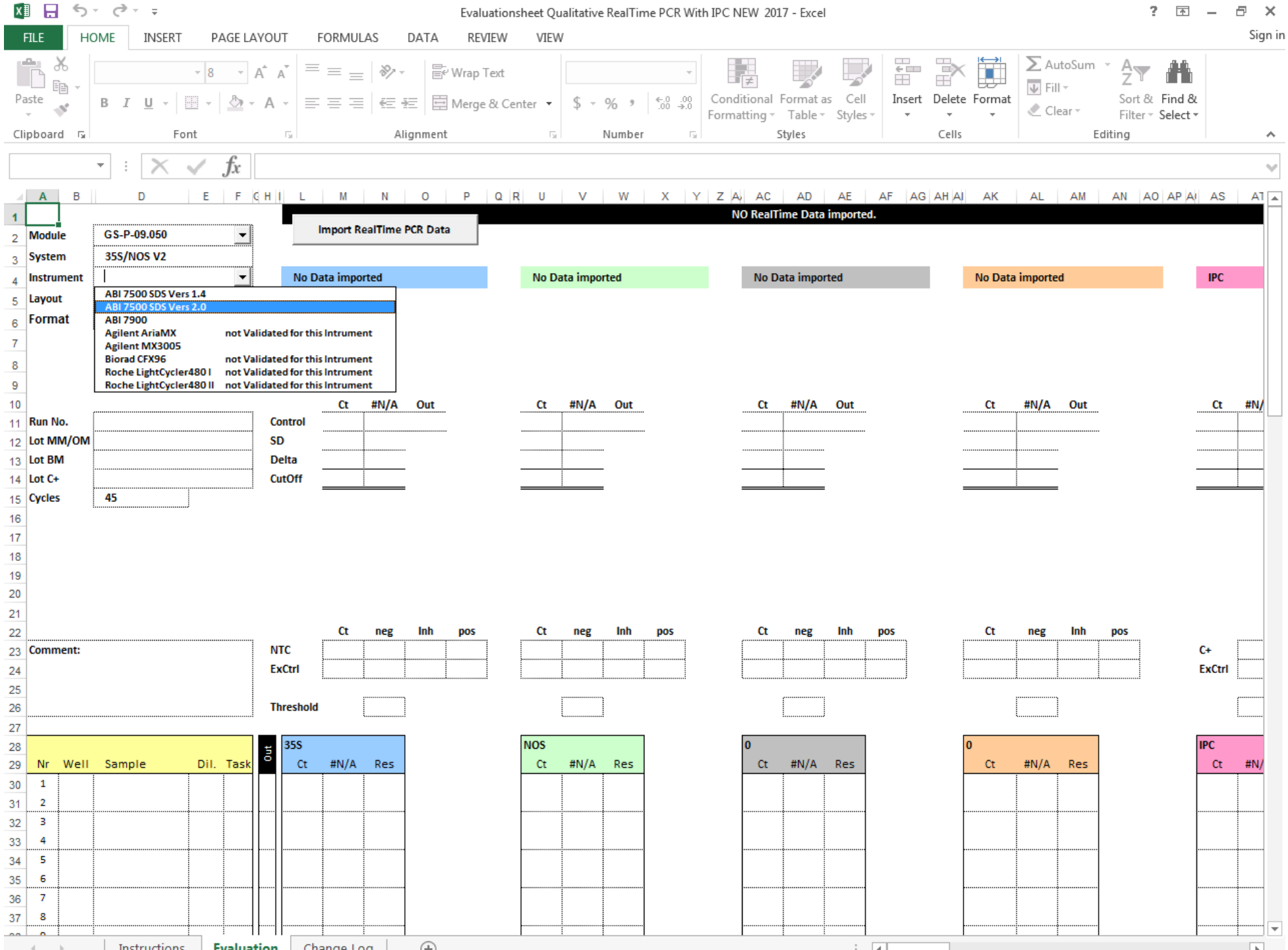
Module	GS-P-09.050
System	35S/NOS V2
Instrument	ABI 7500 SDS Vers 2.0

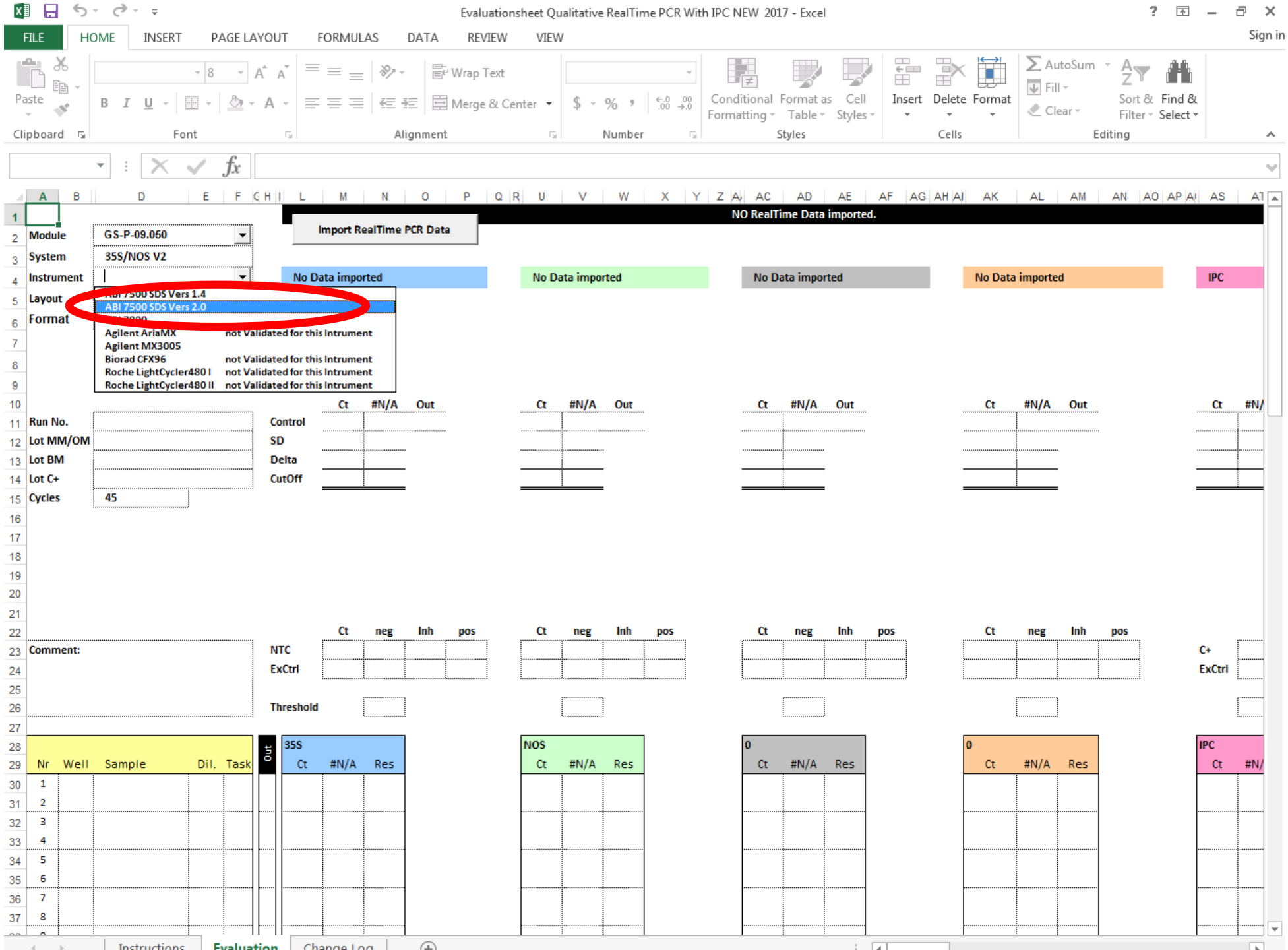
	1	2			IPC
Dye:	5035S	50NOS			50IPC
Reporter dye:	FAM	JOE			Cy5
Quencher dye:	NFQ	NFQ			NFQ

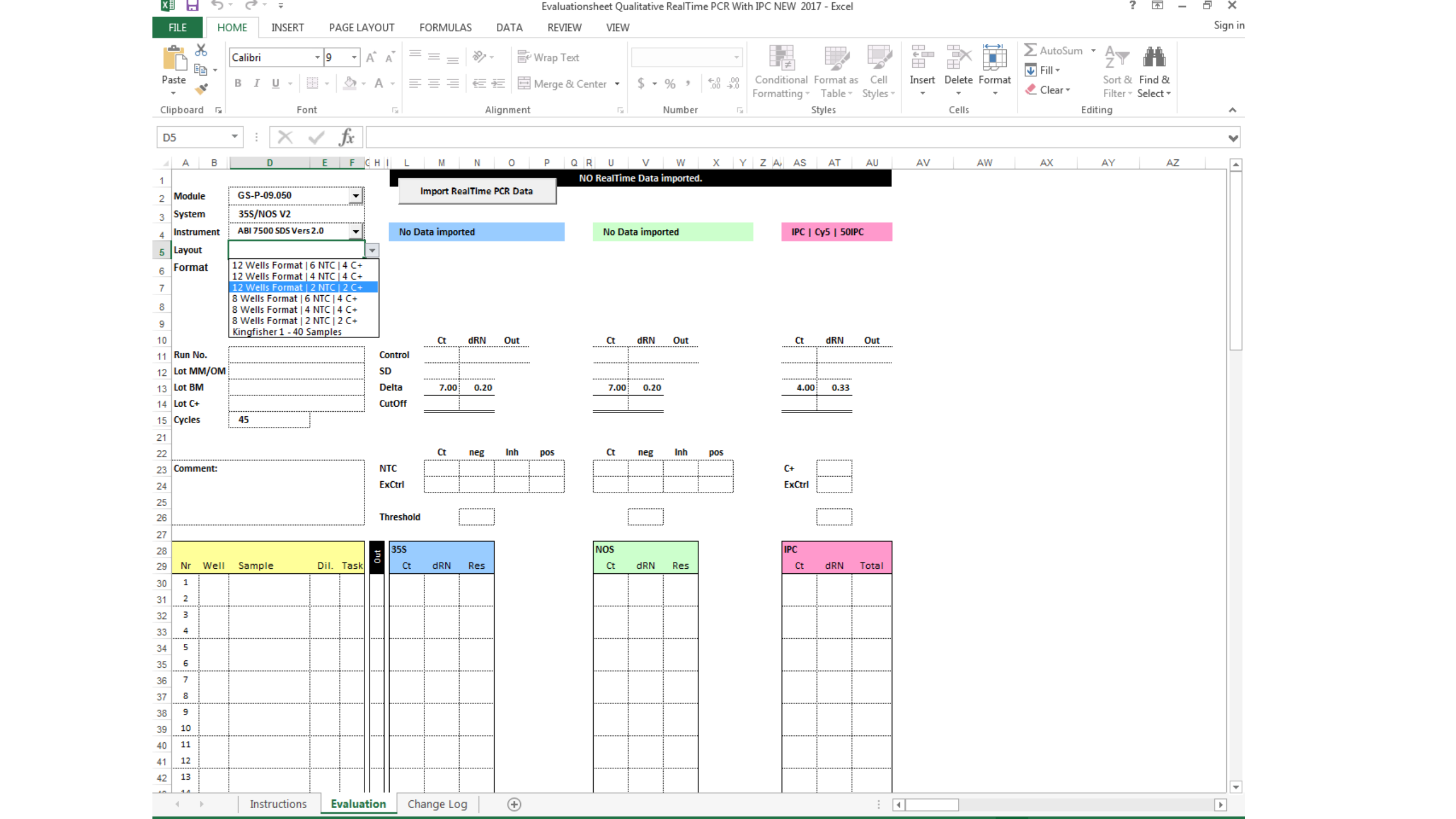
# NTC	4
# Pos. Control	4

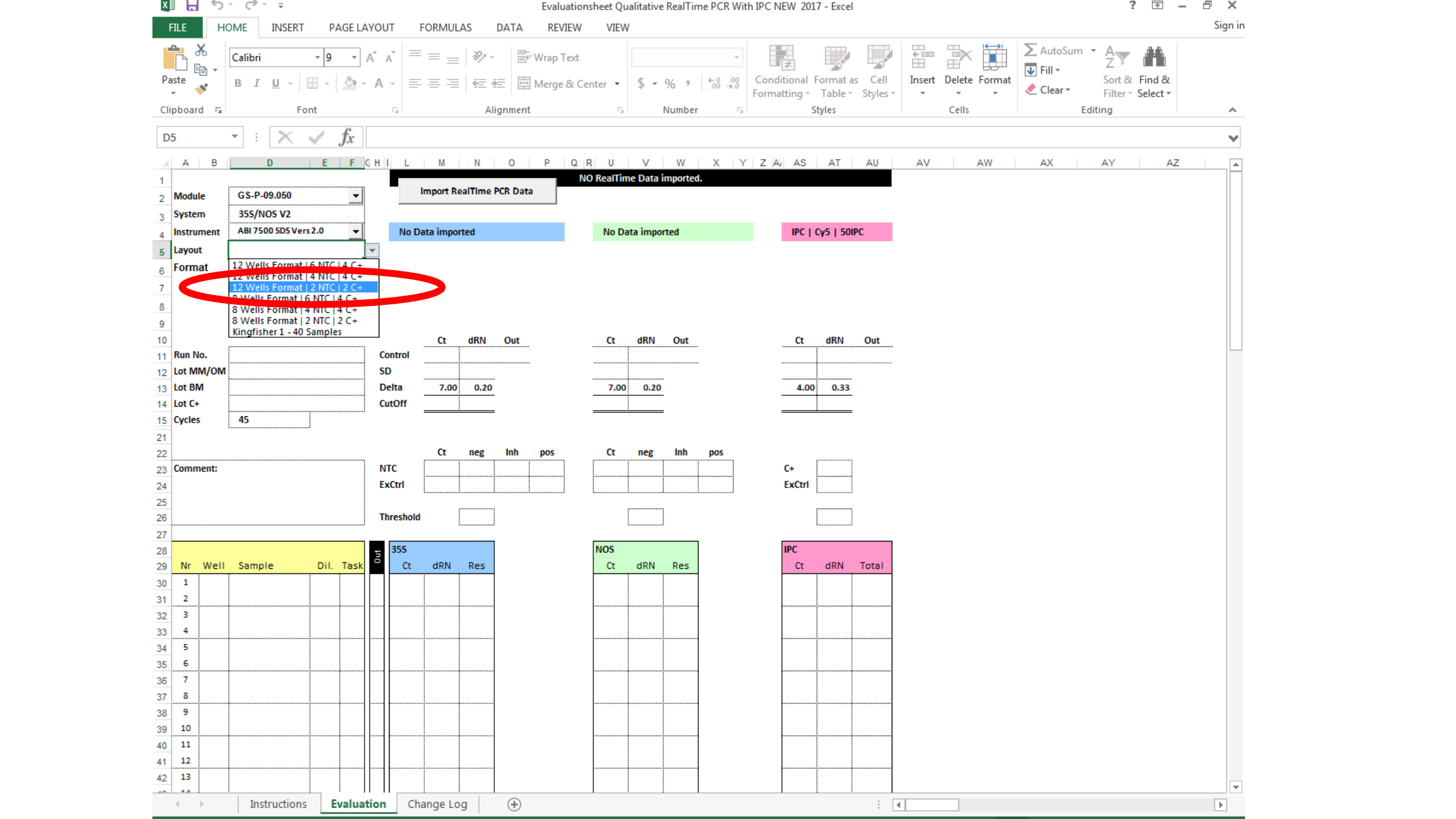

GS-P-09.053 eventDP098140-6
GS-P-09.055 event KMD1
GS-P-09.061 35S/NOS/FMV
GS-P-09.063 CV127-HT-G/G
12 Well format
8 Well format
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Import RealTime PCR Data
NO RealTime Data imported.
Module
System
Instrument
Layout
Format
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
GS-P-09.030 event GA21
GS-P-09.031 event TC1507
GS-P-09.032 HexaScreen
GS-P-09.033 event MON89788
GS-P-09.034 RRS
GS-P-09.035 FMV-Promoter
GS-P-09.036 NOS Terminator
GS-P-09.037 35S Promotor
GS-P-09.038 event MON89034
GS-P-09.039 bar-gene
GS-P-09.040 event MON88017
GS-P-09.041 event 3272
GS-P-09.043 eventH7-1
GS-P-09.044 event305423
GS-P-09.045 nos/DHFR1-T/G
GS-P-09.046 Tobacco NIR2
GS-P-09.047 Cotton SAH7
GS-P-09.050 35S/NOS V2
GS-P-09.053 eventDP098140-6
GS-P-09.055 event KMD1
GS-P-09.061 35S/NOS/FMV
GS-P-09.063 CV127-HT-G/G
imported
No Data imported
No Data imported
No Data imported
IPC
Ct #N/A Out
Comment:
NTC
ExCtrl
Threshold
Ct neg Inh pos
C+
Nr Well Sample Dil. Task
Out
Ct #N/A Res
IPC
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Paste
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Insert
Delete
Format
AutoSum
Fill
Clear
Sort & Filter
Find & Select
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
Layout
Format
ABI 7500 SDS Vers 1.4
ABI 7500 SDS Vers 2.0
ABI 7900
Agilent AriaMX not Validated for this Intrument
Agilent MX3005
Biorad CFX96 not Validated for this Intrument
Roche LightCycler480 I not Validated for this Intrument
Roche LightCycler480 II not Validated for this Intrument
No Data imported
No Data imported
No Data imported
No Data imported
IPC
Ct #N/A Out
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
45
Control
SD
Delta
CutOff
Comment:
Ct neg Inh pos
NTC
ExCtrl
Threshold
C+
ExCtrl
Nr Well Sample Dil. Task
Out
35S
NOS
0
0
IPC
Ct #N/A Res
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
Layout
Format
ABI 7500 SDS Vers 1.4
ABI 7500 SDS Vers 2.0
Agilent AriaMX not Validated for this Intrument
Agilent MX3005
Biorad CFX96 not Validated for this Intrument
Roche LightCycler480 I not Validated for this Intrument
Roche LightCycler480 II not Validated for this Intrument
No Data imported
No Data imported
No Data imported
No Data imported
IPC
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
45
Control
SD
Delta
CutOff
Comment:
NTC
ExCtrl
Threshold
C+
Nr
Well
Sample
Dil.
Task
Out
35S
NOS
0
0
IPC
Ct
#N/A
Res
neg
Inh
pos
Out
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Paste
Calibri
9
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Insert
Delete
Format
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
D5
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
Format
12 Wells Format | 6 NTC | 4 C+
12 Wells Format | 4 NTC | 4 C+
12 Wells Format | 2 NTC | 2 C+
8 Wells Format | 6 NTC | 4 C+
8 Wells Format | 4 NTC | 4 C+
8 Wells Format | 2 NTC | 2 C+
Kingfisher 1 - 40 Samples
No Data imported
No Data imported
IPC | Cy5 | 50IPC
Ct dRN Out
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
45
Control
SD
Delta
7.00 0.20
CutOff
7.00 0.20
4.00 0.33
Ct neg Inh pos
Comment:
NTC
ExCtrl
C+
ExCtrl
Threshold
Nr Well Sample Dil. Task
Out
35S
Ct dRN Res
NOS
Ct dRN Res
IPC
Ct dRN Total
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Paste
Calibri
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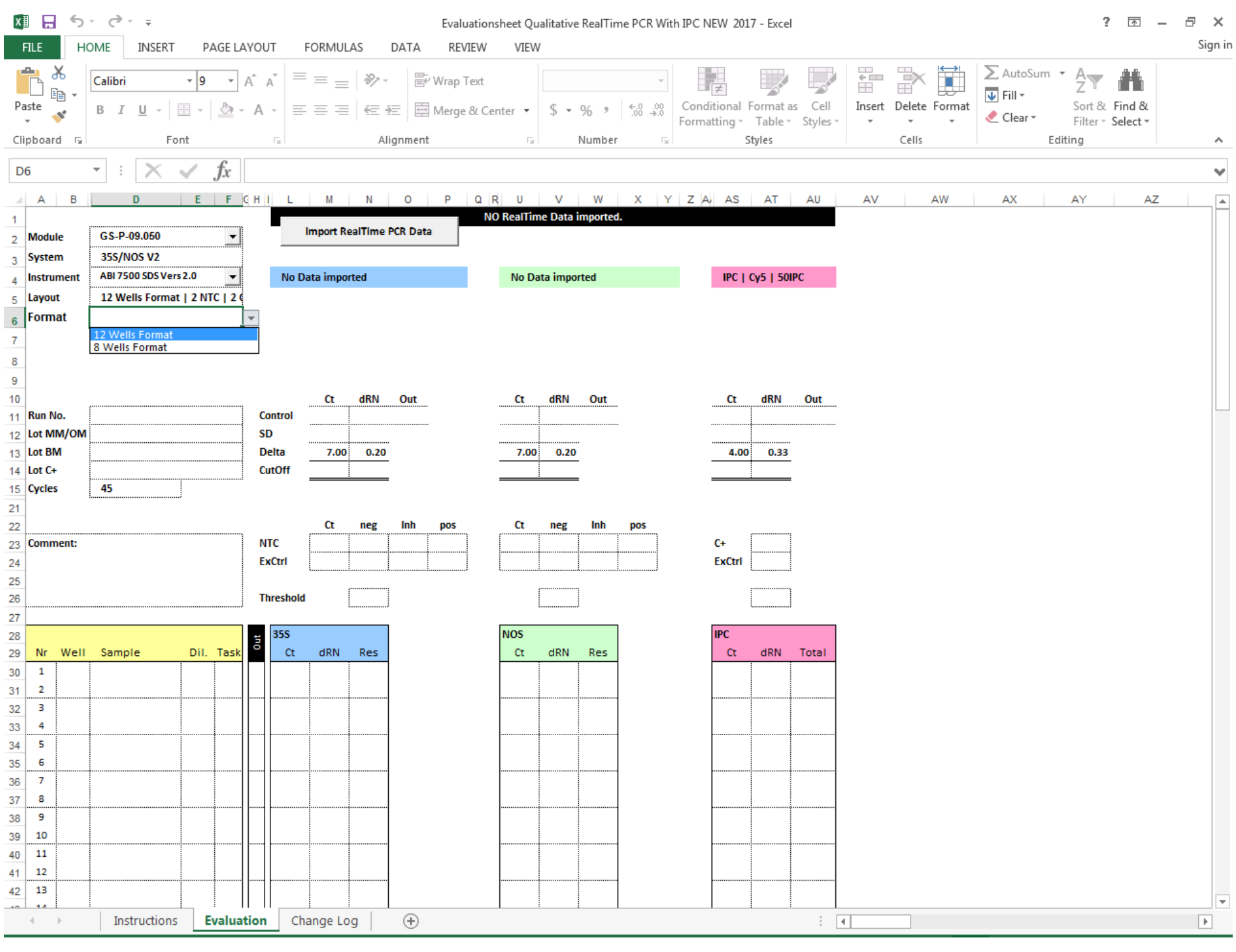
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Insert
Delete
Format
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
D5
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
Format
12 Wells Format | 6 NTC | 4 C+
12 Wells Format | 4 NTC | 4 C+
12 Wells Format | 2 NTC | 2 C+
8 Wells Format | 6 NTC | 4 C+
8 Wells Format | 4 NTC | 4 C+
8 Wells Format | 2 NTC | 2 C+
Kingfisher 1 - 40 Samples
No Data imported
No Data imported
IPC | Cy5 | 50IPC
Ct dRN Out
Control
SD
Delta 7.00 0.20
CutOff
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles 45
Ct neg Inh pos
NTC
ExCtrl
C+
ExCtrl
Threshold
Comment:
Nr Well Sample Dil. Task
Out
35S Ct dRN Res
NOS Ct dRN Res
IPC Ct dRN Total
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Paste
Calibri
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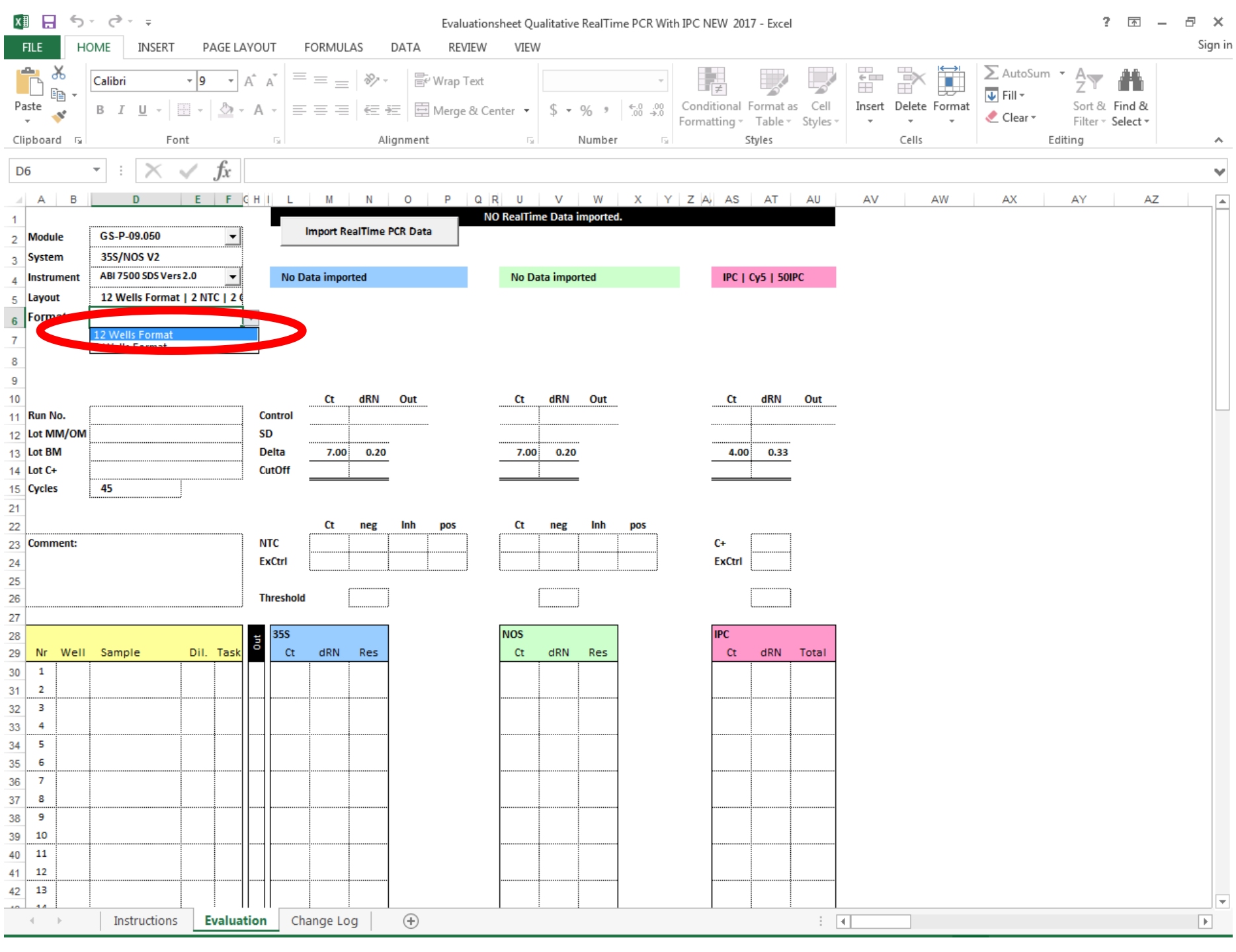
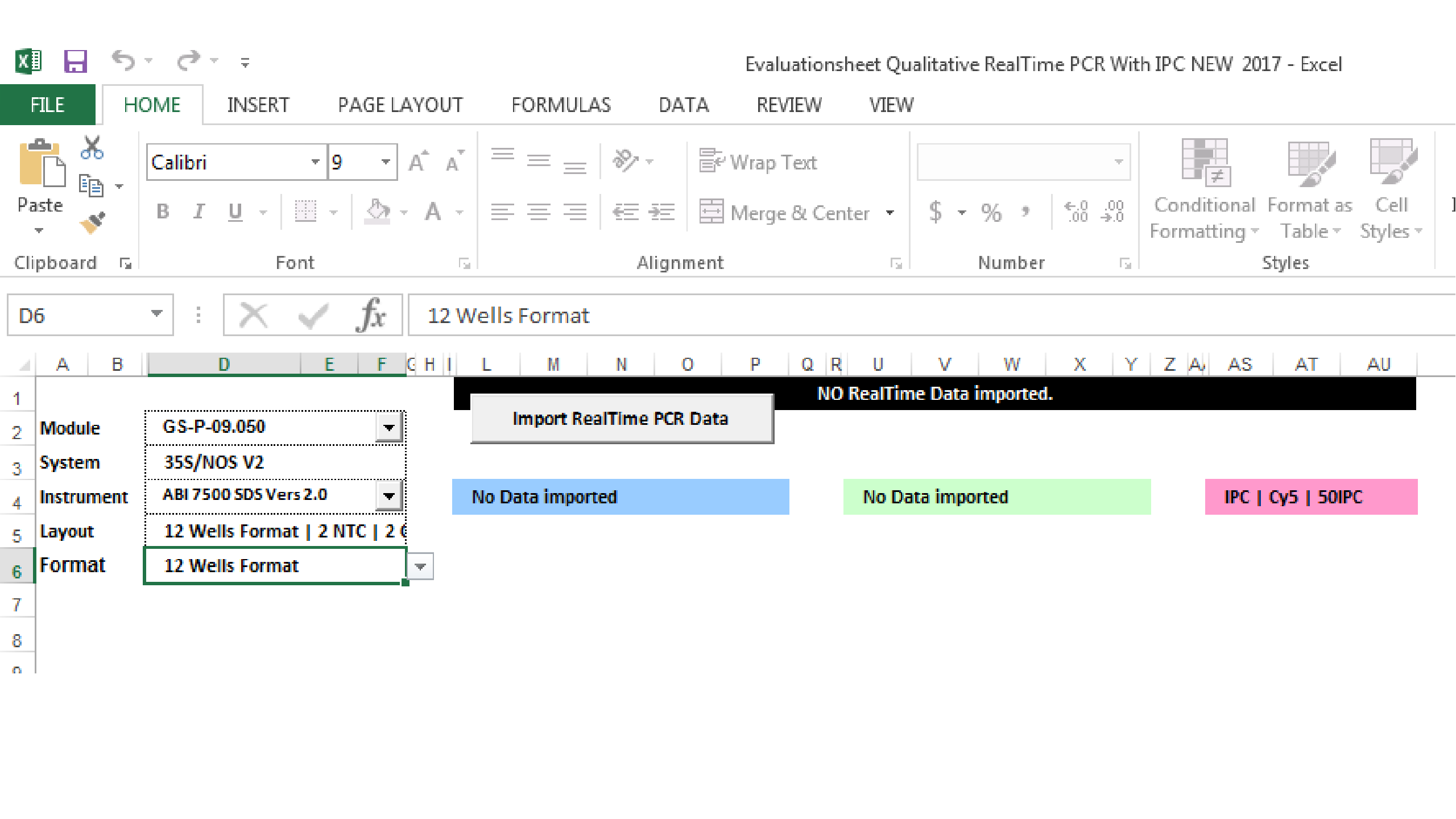
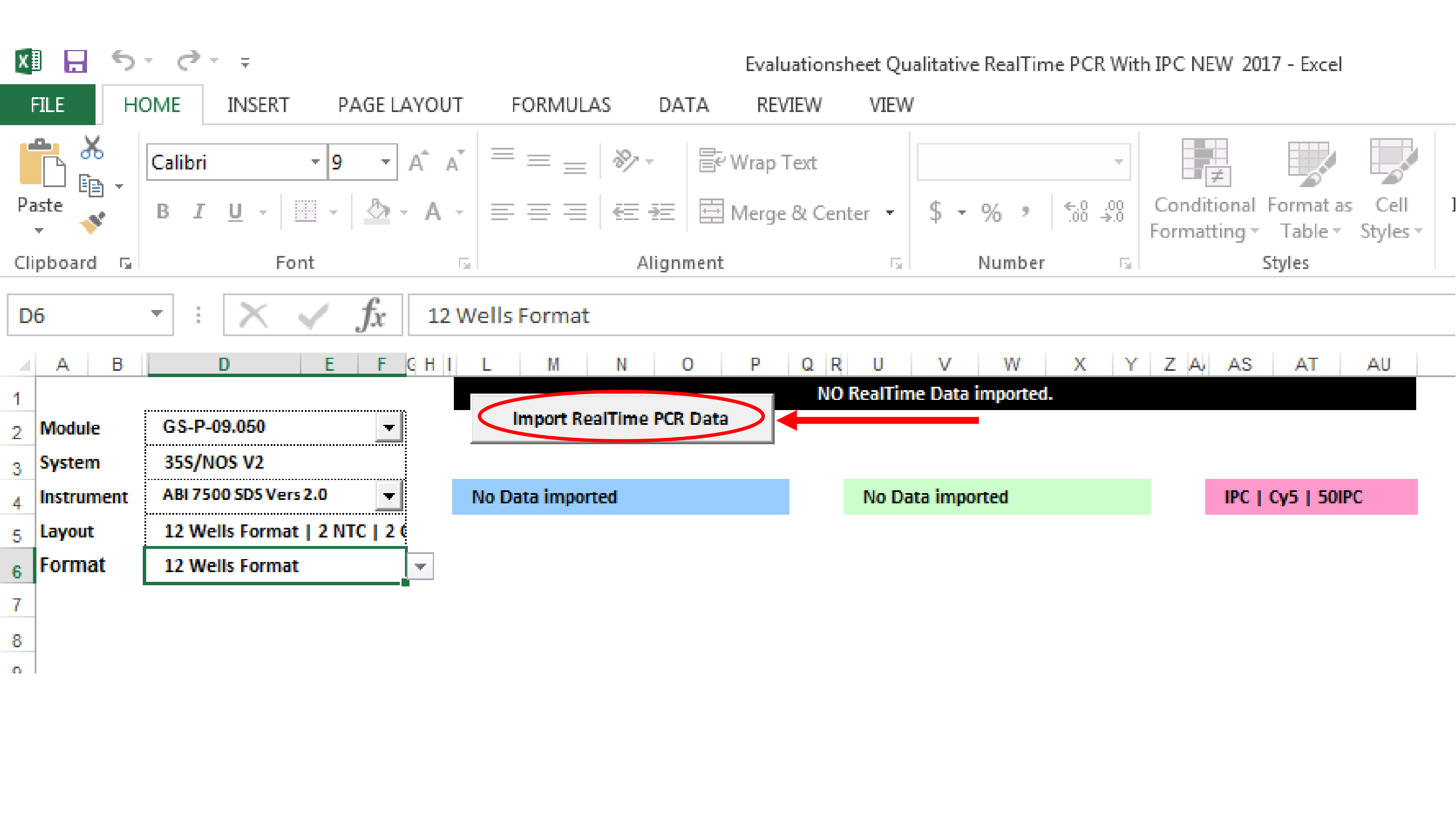
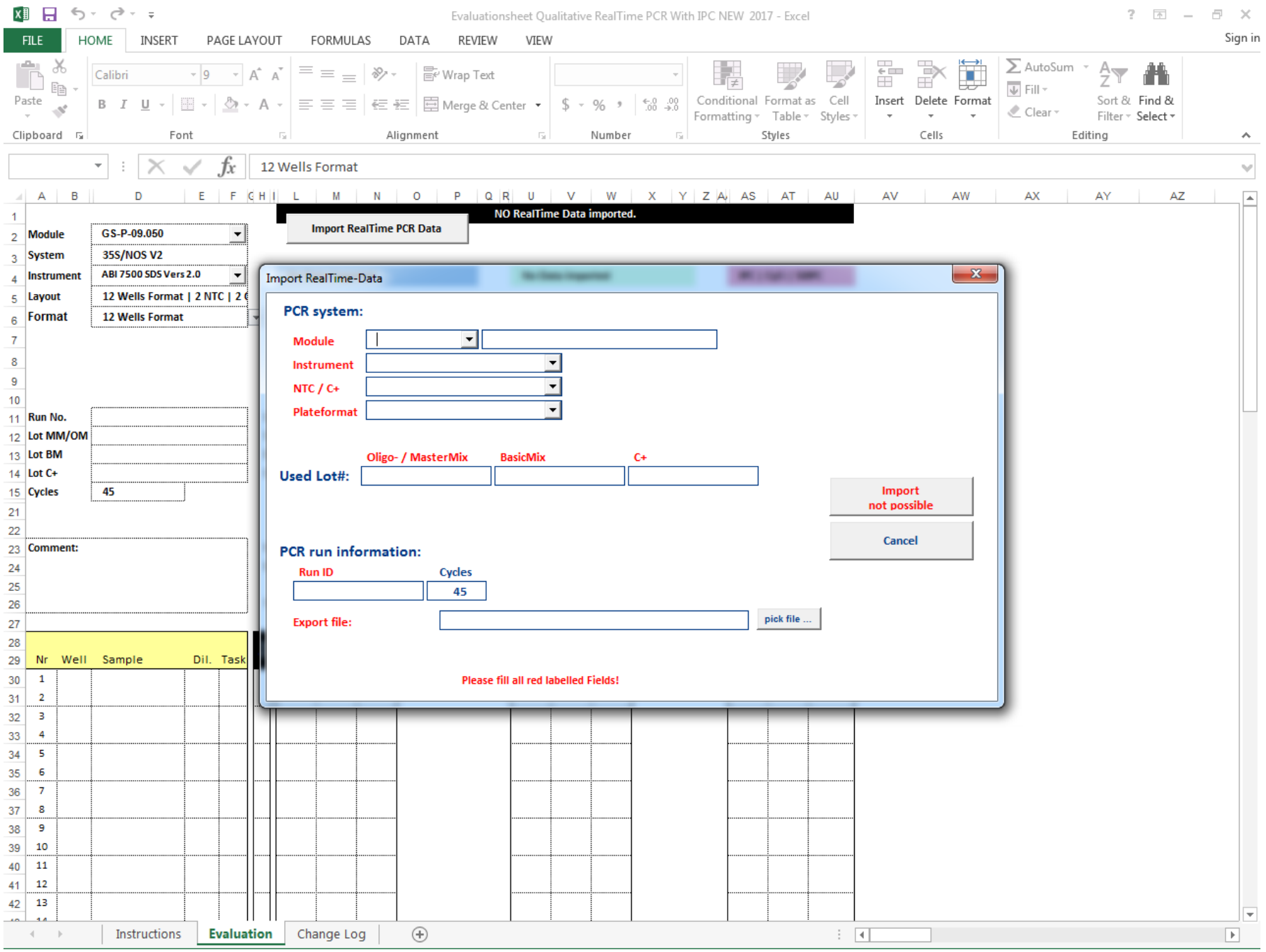
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Insert
Delete
Format
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
D6
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
12 Wells Format | 2 NTC | 2
Format
12 Wells Format
8 Wells Format
No Data imported
No Data imported
IPC | Cy5 | 50IPC
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
45
Comment:
Control
SD
Delta
CutOff
7.00
0.20
7.00
0.20
4.00
0.33
NTC
ExCtrl
Threshold
C+
ExCtrl
Nr
Well
Sample
Dil.
Task
Out
35S
NOS
IPC
Ct
dRN
Res
Total
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Paste
Calibri
9
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Insert
Delete
Format
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
D6
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
12 Wells Format | 2 NTC | 2
Format
12 Wells Format
No Data imported
No Data imported
IPC | Cy5 | 50IPC
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
45
Control
SD
Delta
CutOff
Ct
dRN
Out
7.00
0.20
4.00
0.33
Comment:
NTC
ExCtrl
Threshold
neg
Inh
pos
C+
Nr
Well
Sample
Dil.
Task
35S
NOS
IPC
Res
Total
Instructions
Evaluation
Change Log


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Paste
Calibri
9
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Clipboard
Font
Alignment
Number
Styles
D6
12 Wells Format
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
12 Wells Format | 2 NTC | 2
Format
12 Wells Format
No Data imported
No Data imported
IPC | Cy5 | 50IPC


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Paste
Calibri
9
Wrap Text
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Clipboard
Font
Alignment
Number
Styles
D6
12 Wells Format
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
12 Wells Format | 2 NTC | 2
Format
12 Wells Format
No Data imported
No Data imported
IPC | Cy5 | 50IPC


Evaluationsheet Qualitative RealTime PCR With IPC NEW 2017 - Excel
FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Sign in
Paste
Clipboard
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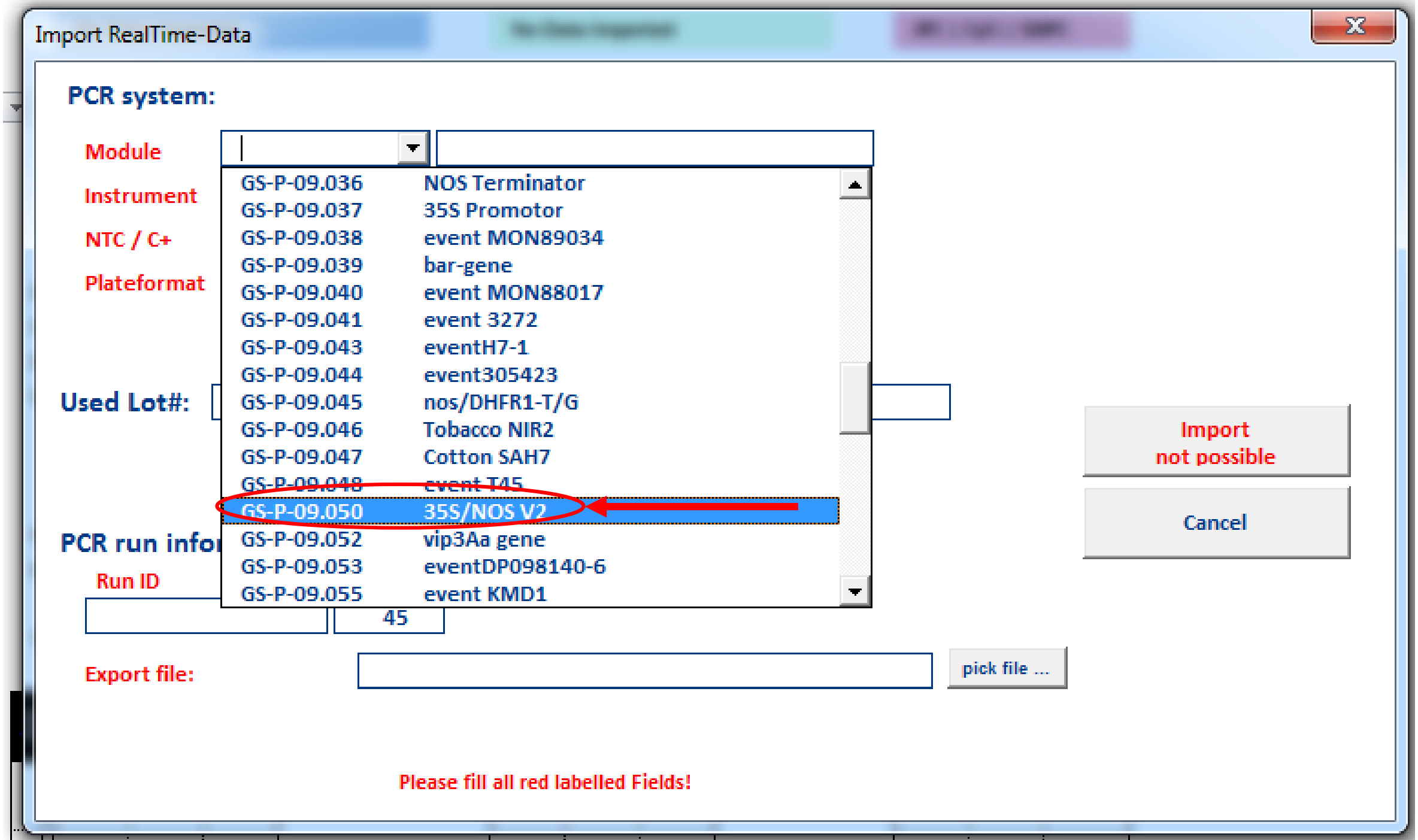
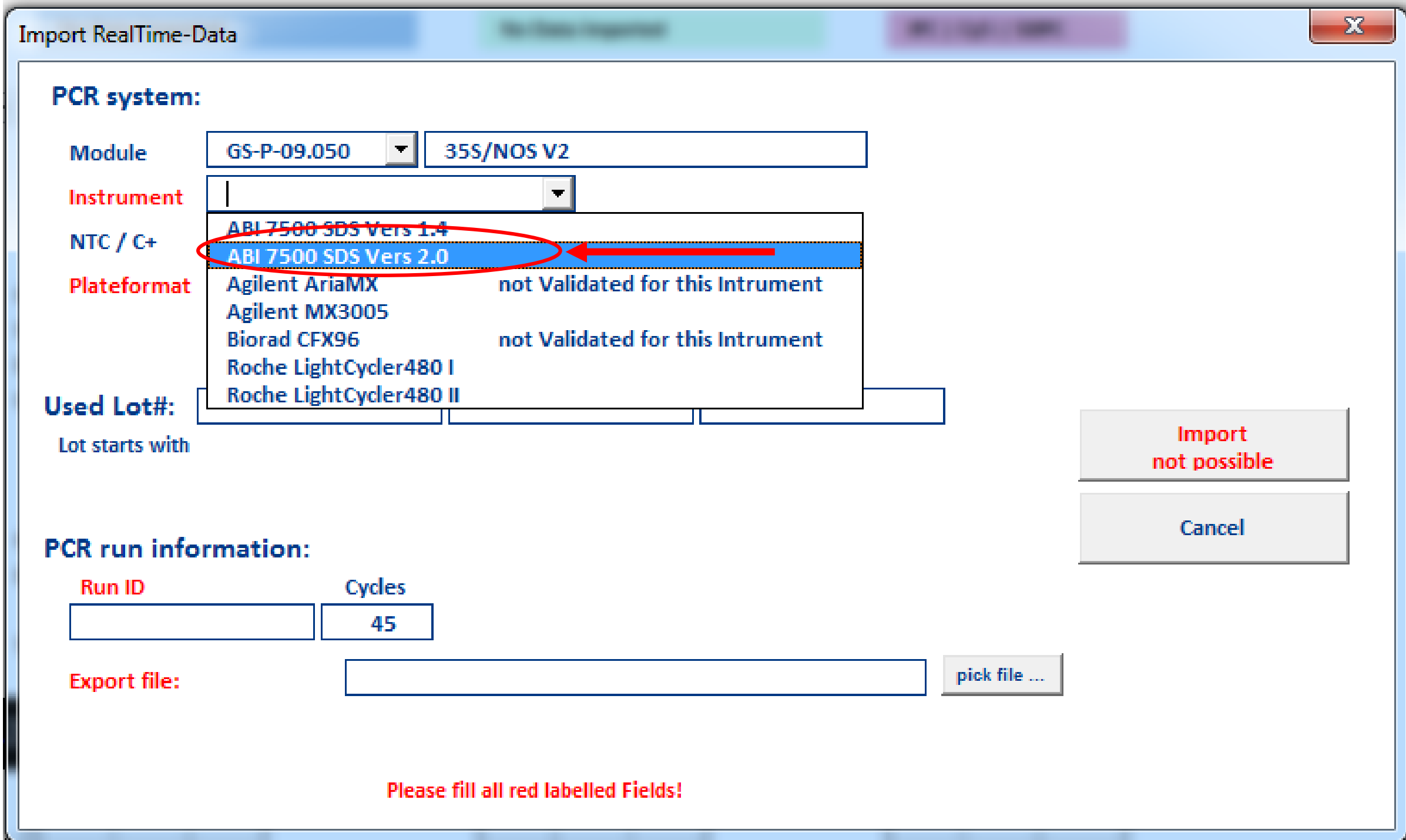
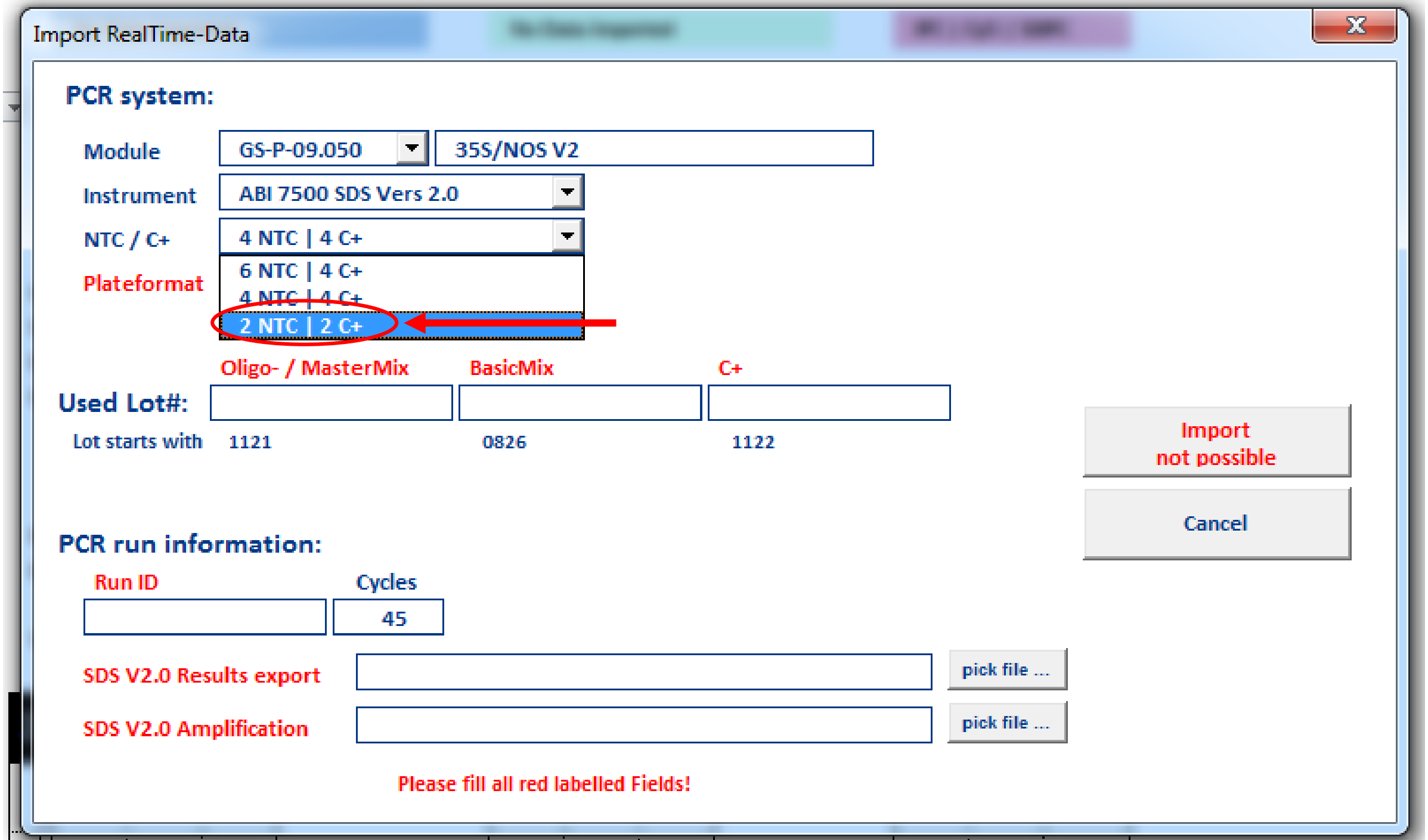
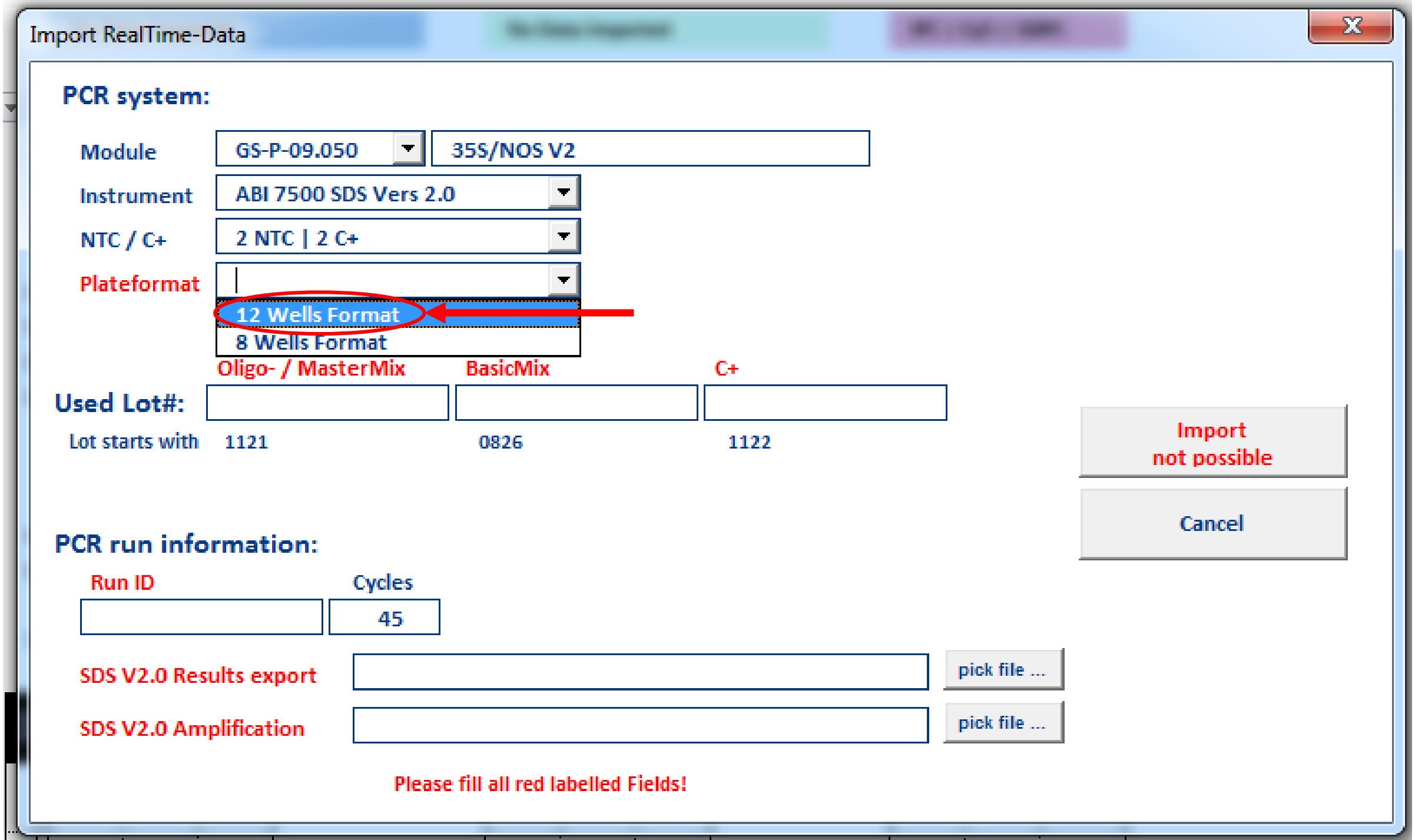
9
Font
Wrap Text
Merge & Center
Alignment
Number
Conditional Formatting
Format as Table
Cell Styles
Styles
Insert
Delete
Format
Cells
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Editing
12 Wells Format
NO RealTime Data imported.
Import RealTime PCR Data
Module
GS-P-09.050
System
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
Layout
12 Wells Format | 2 NTC | 2 6
Format
12 Wells Format
Run No.
Lot MM/OM
Lot BM
Lot C+
Cycles
45
Comment:
Nr
Well
Sample
Dil.
Task
Import RealTime-Data
PCR system:
Module
Instrument
NTC / C+
Plateformat
Used Lot#:
Oligo- / MasterMix
BasicMix
C+
Import not possible
Cancel
PCR run information:
Run ID
Cycles
45
Export file:
pick file ...
Please fill all red labelled Fields!
Instructions
Evaluation
Change Log


Import RealTime-Data
PCR system:
Module
Instrument
NTC / C+
Plateformat
GS-P-09.036 NOS Terminator
GS-P-09.037 35S Promotor
GS-P-09.038 event MON89034
GS-P-09.039 bar-gene
GS-P-09.040 event MON88017
GS-P-09.041 event 3272
GS-P-09.043 eventH7-1
GS-P-09.044 event305423
GS-P-09.045 nos/DHFR1-T/G
GS-P-09.046 Tobacco NIR2
GS-P-09.047 Cotton SAH7
GS-P-09.048 event T45
GS-P-09.050 35S/NOS V2
GS-P-09.052 vip3Aa gene
GS-P-09.053 eventDP098140-6
GS-P-09.055 event KMD1
Used Lot#:
PCR run infor
Run ID
45
Export file:
pick file ...
Import not possible
Cancel
Please fill all red labelled Fields!


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
NTC / C+
Plateformat
ABI 7500 SDS Vers 2.0
Agilent AriaMX
not Validated for this Intrument
Agilent MX3005
Biorad CFX96
not Validated for this Intrument
Roche LightCycler480 I
Roche LightCycler480 II
Used Lot#:
Lot starts with
Import
not possible
Cancel
PCR run information:
Run ID
Cycles
45
Export file:
pick file ...
Please fill all red labelled Fields!


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
NTC / C+
4 NTC | 4 C+
Plateformat
6 NTC | 4 C+
4 NTC | 4 C+
2 NTC | 2 C+
Oligo- / MasterMix
BasicMix
C+
Used Lot#:
Lot starts with
1121
0826
1122
Import not possible
Cancel
PCR run information:
Run ID
Cycles
45
SDS V2.0 Results export
pick file ...
SDS V2.0 Amplification
pick file ...
Please fill all red labelled Fields!


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
NTC / C+
2 NTC | 2 C+
Plateformat
12 Wells Format
8 Wells Format
Oligo- / MasterMix
BasicMix
C+
Used Lot#:
Lot starts with
1121
0826
1122
Import not possible
Cancel
PCR run information:
Run ID
Cycles
45
SDS V2.0 Results export
pick file ...
SDS V2.0 Amplification
pick file ...
Please fill all red labelled Fields!

Import RealTime-Data

PCR system:

Module	GS-P-09.050	35S/NOS V2
Instrument	ABI 7500 SDS Vers 2.0	
NTC / C+	2 NTC | 2 C+	
Plateformat	12 Wells Format	

	Oligo- / MasterMix	BasicMix	C+
Used Lot#:	1121	0826	1122
Lot starts with	1121	0826	1122

Import not possible

Cancel

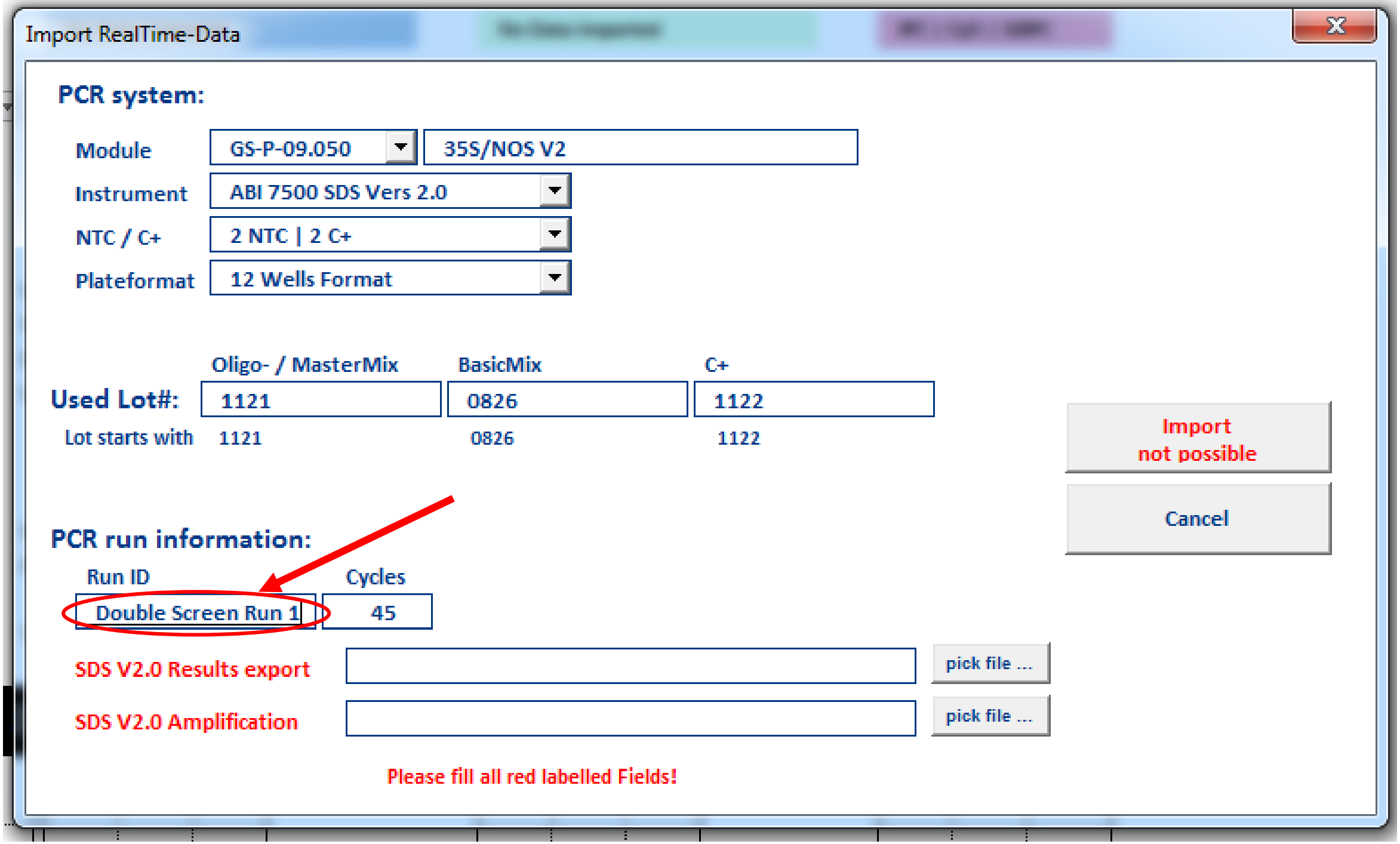
PCR run information:

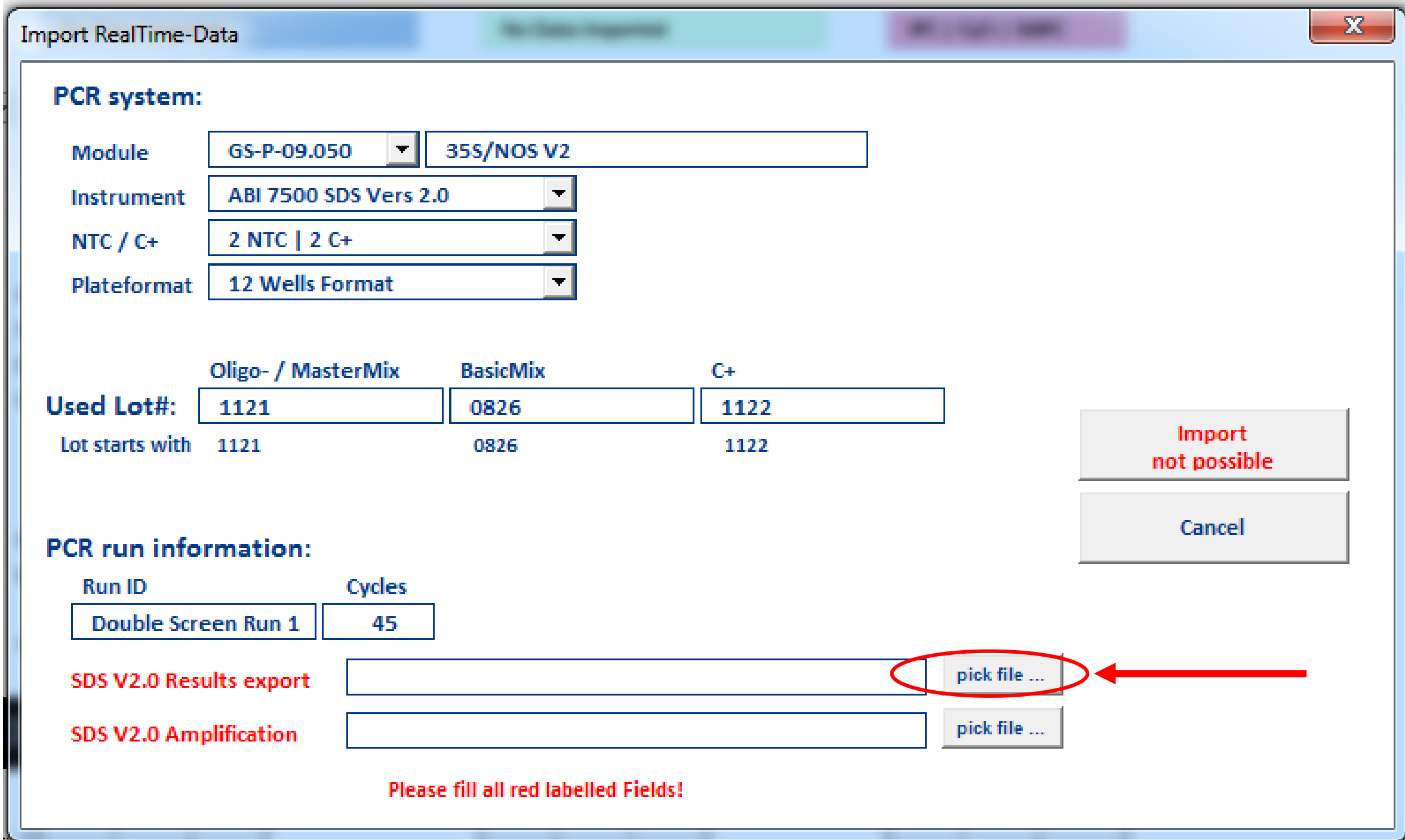
Run ID	Cycles
	45

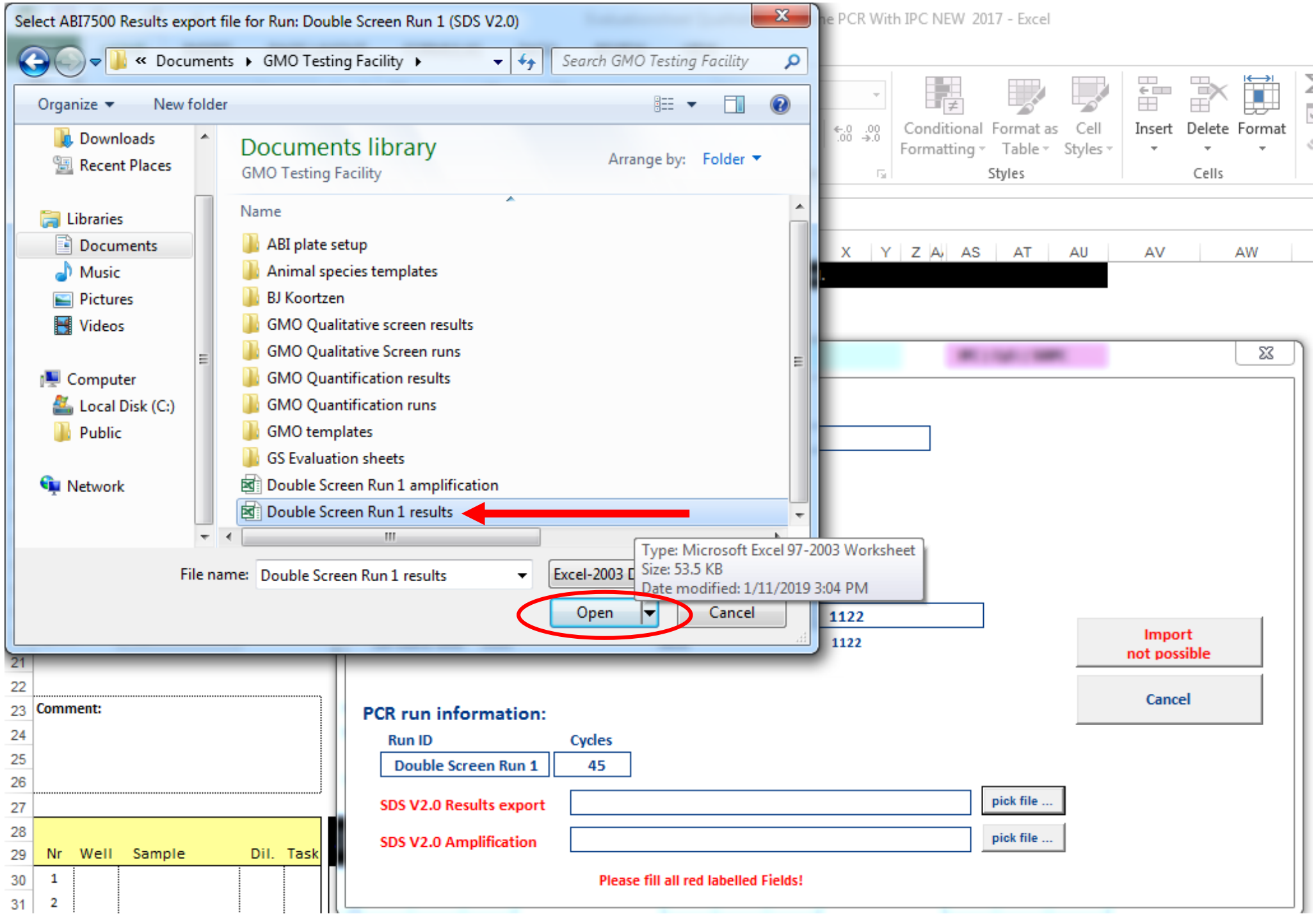
SDS V2.0 Results export — pick file ...

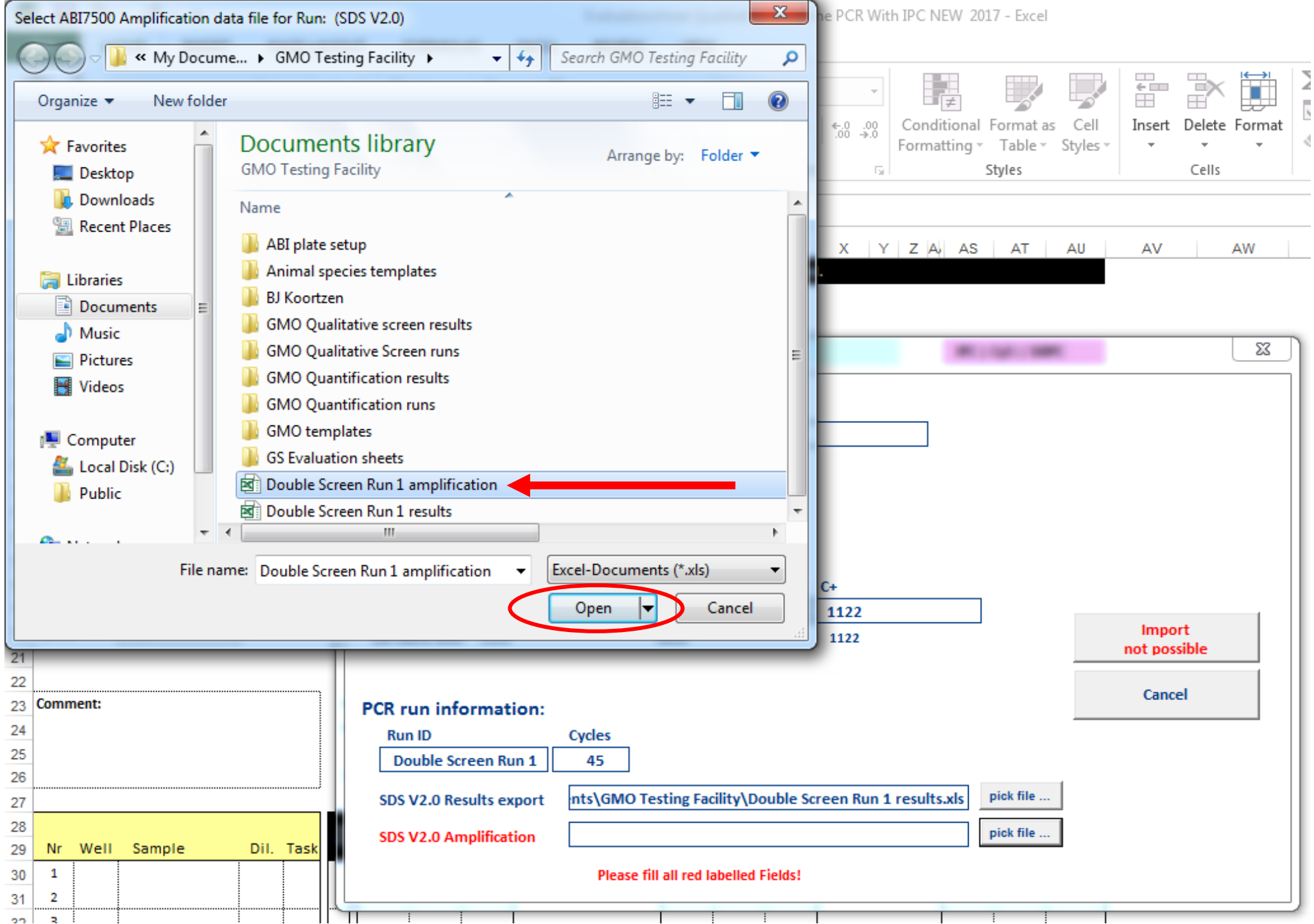
SDS V2.0 Amplification — pick file ...

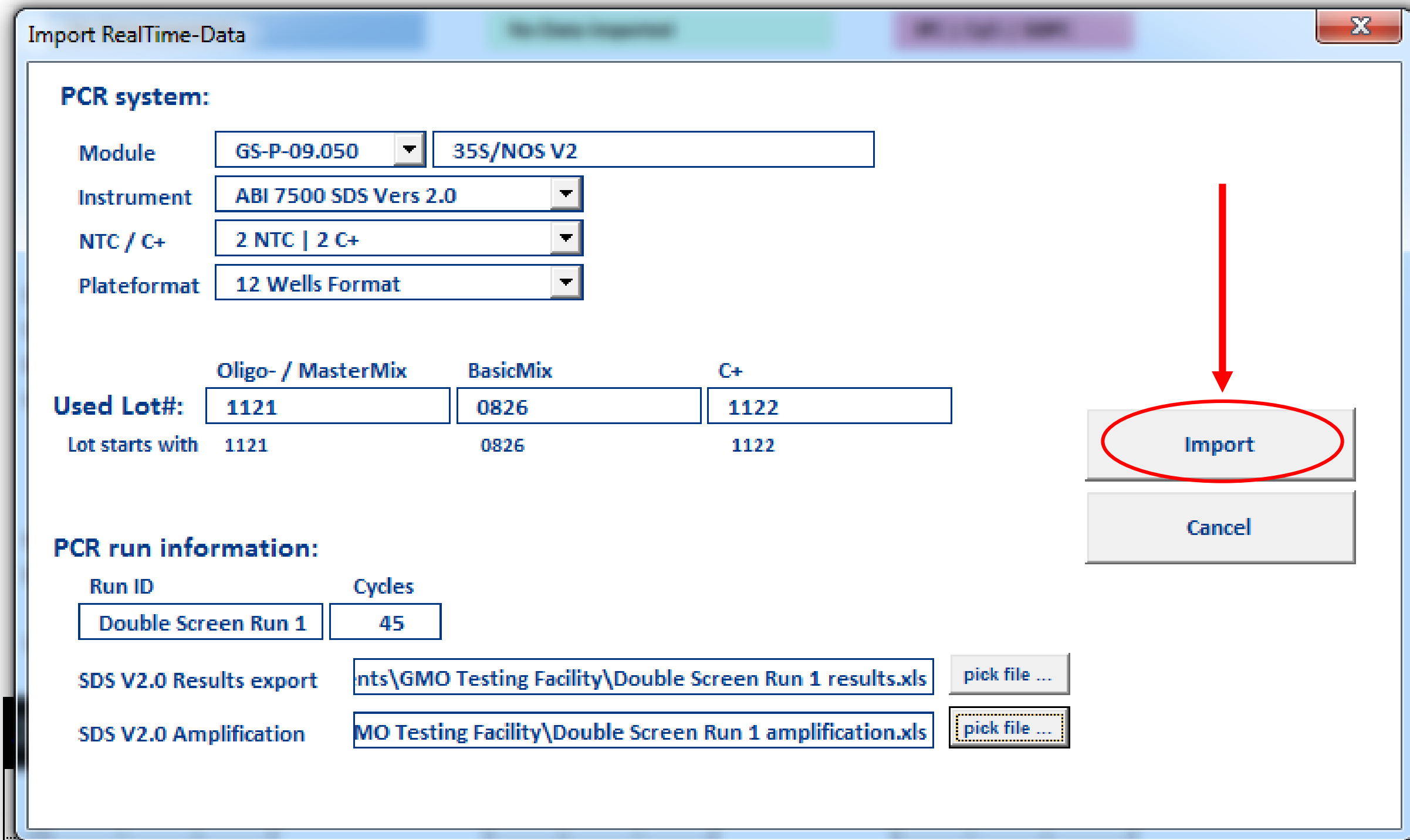
Please fill all red labelled Fields!


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
NTC / C+
2 NTC | 2 C+
Plateformat
12 Wells Format
Oligo- / MasterMix
BasicMix
C+
Used Lot#:
1121
0826
1122
Lot starts with
1121
0826
1122
Import not possible
Cancel
PCR run information:
Run ID
Cycles
Double Screen Run 1
45
SDS V2.0 Results export
pick file ...
SDS V2.0 Amplification
pick file ...
Please fill all red labelled Fields!


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
NTC / C+
2 NTC | 2 C+
Plateformat
12 Wells Format
Oligo- / MasterMix
BasicMix
C+
Used Lot#:
1121
0826
1122
Lot starts with
1121
0826
1122
Import not possible
Cancel
PCR run information:
Run ID
Cycles
Double Screen Run 1
45
SDS V2.0 Results export
pick file ...
SDS V2.0 Amplification
pick file ...
Please fill all red labelled Fields!


Select ABI7500 Results export file for Run: Double Screen Run 1 (SDS V2.0)
« Documents ▸ GMO Testing Facility ▸
Search GMO Testing Facility
Organize
New folder
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Local Disk (C:)
Public
Network
Documents library
GMO Testing Facility
Arrange by: Folder
Name
ABI plate setup
Animal species templates
BJ Koortzen
GMO Qualitative screen results
GMO Qualitative Screen runs
GMO Quantification results
GMO Quantification runs
GMO templates
GS Evaluation sheets
Double Screen Run 1 amplification
Double Screen Run 1 results
Type: Microsoft Excel 97-2003 Worksheet
Size: 53.5 KB
Date modified: 1/11/2019 3:04 PM
File name: Double Screen Run 1 results
Excel-2003
Open
Cancel
Conditional Formatting
Format as Table
Cell Styles
Styles
Insert
Delete
Format
Cells
1122
1122
Import not possible
Cancel
PCR run information:
Run ID
Cycles
Double Screen Run 1
45
SDS V2.0 Results export
pick file ...
SDS V2.0 Amplification
pick file ...
Please fill all red labelled Fields!
Comment:
Nr
Well
Sample
Dil.
Task


Select ABI7500 Amplification data file for Run: (SDS V2.0)
My Docume... ▸ GMO Testing Facility ▸
Search GMO Testing Facility
Organize
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Local Disk (C:)
Public
Documents library
GMO Testing Facility
Arrange by: Folder
Name
ABI plate setup
Animal species templates
BJ Koortzen
GMO Qualitative screen results
GMO Qualitative Screen runs
GMO Quantification results
GMO Quantification runs
GMO templates
GS Evaluation sheets
Double Screen Run 1 amplification
Double Screen Run 1 results
File name: Double Screen Run 1 amplification
Excel-Documents (*.xls)
Open
Cancel
Conditional Formatting
Format as Table
Cell Styles
Styles
Insert
Delete
Format
Cells
C+
1122
1122
Import not possible
Cancel
PCR run information:
Run ID
Cycles
Double Screen Run 1
45
SDS V2.0 Results export
nts\GMO Testing Facility\Double Screen Run 1 results.xls
pick file ...
SDS V2.0 Amplification
pick file ...
Please fill all red labelled Fields!
Comment:
Nr
Well
Sample
Dil.
Task


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
NTC / C+
2 NTC | 2 C+
Plateformat
12 Wells Format
Oligo- / MasterMix
BasicMix
C+
Used Lot#:
1121
0826
1122
Lot starts with
1121
0826
1122
Import
Cancel
PCR run information:
Run ID
Cycles
Double Screen Run 1
45
SDS V2.0 Results export
nts\GMO Testing Facility\Double Screen Run 1 results.xls
pick file ...
SDS V2.0 Amplification
MO Testing Facility\Double Screen Run 1 amplification.xls
pick file ...

Import RealTime-Data

PCR system:

Module: GS-P-09.050 | 35S/NOS V2

Instrument: ABI 7500 SDS Vers 2.0

NTC / C+: 2 NTC | 2 C+

Plateformat: 12 Wells Fo

Oligo- / Mast

Used Lot#: 1121

Lot starts with 1121

Import

Cancel

PCR run information:

Run ID: 07-11-2019

SDS V2.0 Results export: C:\Users\UVP\Desktop\07-11-2019-RESULTS.xls — pick file ...

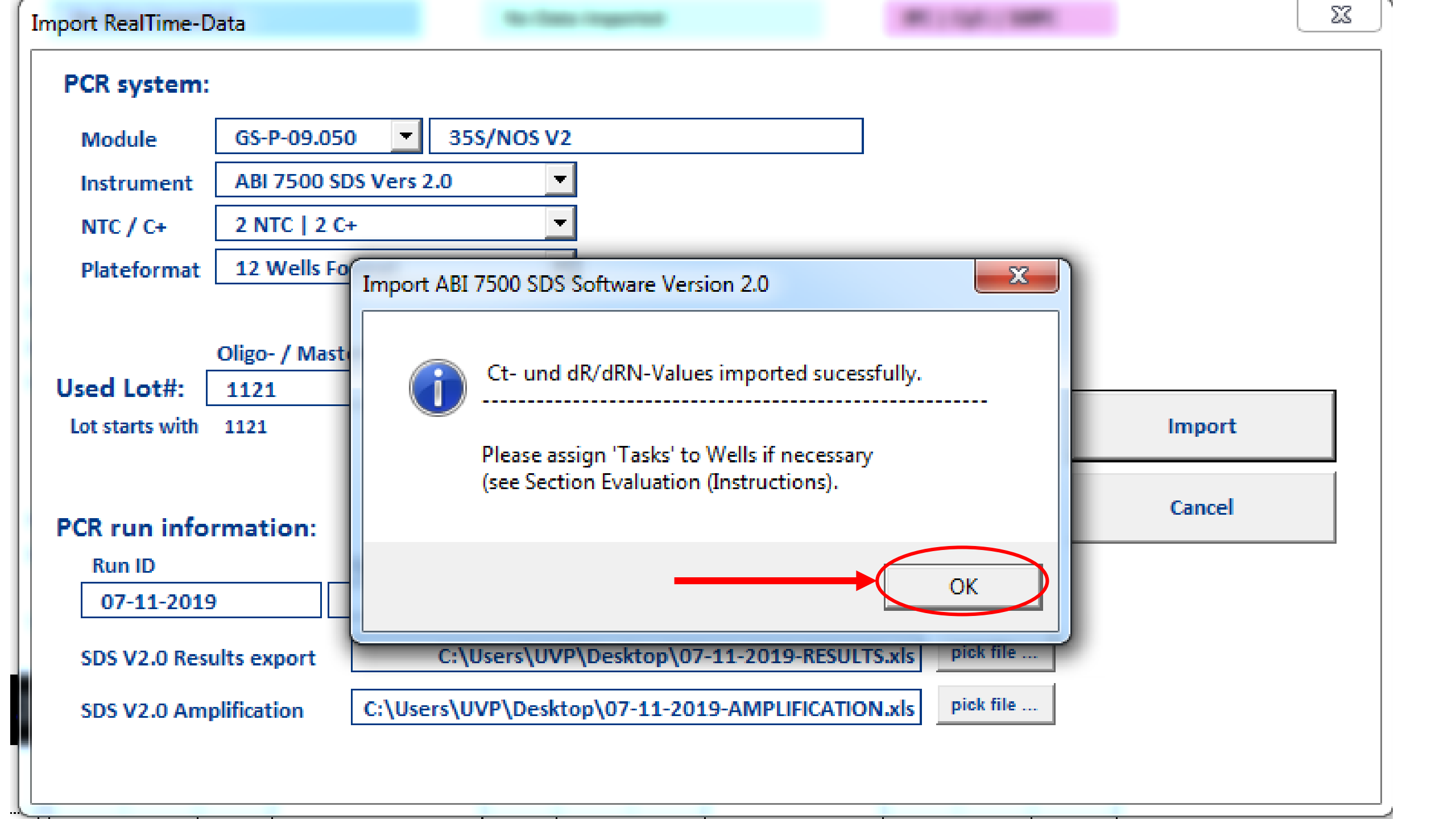
SDS V2.0 Amplification: C:\Users\UVP\Desktop\07-11-2019-AMPLIFICATION.xls — pick file ...

Import ABI 7500 SDS Software Version 2.0

Ct- und dR/dRN-Values imported sucessfully.

Please assign 'Tasks' to Wells if necessary
(see Section Evaluation (Instructions).

OK


Import RealTime-Data
PCR system:
Module
GS-P-09.050
35S/NOS V2
Instrument
ABI 7500 SDS Vers 2.0
NTC / C+
2 NTC | 2 C+
Plateformat
12 Wells Fo
Oligo- / Mast
Used Lot#:
1121
Lot starts with
1121
Import
Cancel
PCR run information:
Run ID
07-11-2019
SDS V2.0 Results export
C:\Users\UVP\Desktop\07-11-2019-RESULTS.xls
pick file ...
SDS V2.0 Amplification
C:\Users\UVP\Desktop\07-11-2019-AMPLIFICATION.xls
pick file ...
Import ABI 7500 SDS Software Version 2.0
Ct- und dR/dRN-Values imported sucessfully.
Please assign 'Tasks' to Wells if necessary
(see Section Evaluation (Instructions).
OK

Module	GS-P-09.050
System	35S/NOS V2
Instrument	ABI 7500 SDS Vers 2.0
Layout	2 NTC | 2 C+
Format	12 Wells Format

Import RealTime PCR Data

Run No.	07-11-2019
Lot MM/OM	1121
Lot BM	0286
Lot C+	1122
Cycles	45

Comment:

35S | FAM | 5035S	Ct	dRN	Out
Control	30.23	3.70	0
SD	0.11	0.01	
Delta	7.00	0.20	
CutOff	37.23	0.74	

NOS | JOE | 50NOS	Ct	dRN	Out
Control	32.95	2.01	0
SD	0.39	0	
Delta	7.00	0.20	
CutOff	39.95	0.40	

IPC | Cy5 | 50IPC	Ct	dRN	Out
Control	33.04	1.19	0
SD	0.10	0	
Delta	4.00	0.33	
CutOff	37.04	0.39	

	Ct	neg	Inh	pos
NTC	45.00	2	0	0
ExCtrl	N/A	N/A	N/A	N/A

	Ct	neg	Inh	pos
NTC	45.00	2	0	0
ExCtrl	N/A	N/A	N/A	N/A

	Ct
C+	33.02
ExCtrl	N/A

Threshold	0.10

Threshold	0.10

Threshold	0.10

Nr	Well	Sample	Dil.	Task	Out	35S Ct	35S dRN	35S Res	NOS Ct	NOS dRN	NOS Res	IPC Ct	IPC dRN	IPC Total
1	A1	NC		N		45.00	-0.02	-	45.00	0.00	-	32.95	1.21	valid
2	A2	NC		N		45.00	-0.02	-	45.00	0.00	-	33.14	1.18	valid
3	A3	PC		P		30.34	3.68	+	32.56	1.99	+	32.80	1.14	valid
4	A4	PC		P		30.11	3.71	+	33.34	2.03	+	33.24	1.16	valid
5	A5	AS		U		25.65	4.07	+	28.04	2.12	+	34.24	1.09	valid
6	A6	AS		U		25.90	4.12	+	28.35	2.13	+	34.91	1.03	valid

Nr	Well	Sample	Dil.	Task	Out	35S Ct	35S dRN	35S Res	NOS Ct	NOS dRN	NOS Res	IPC Ct	IPC dRN	IPC Total
1	A1	NC		N		45.00	-0.02	-	45.00	0.00	-	32.95	1.21	valid
2	A2	NC		N		45.00	-0.02	-	45.00	0.00	-	33.14	1.18	valid
3	A3	PC		P		30.34	3.68	+	32.56	1.99	+	32.80	1.14	valid
4	A4	PC		P		30.11	3.71	+	33.34	2.03	+	33.24	1.16	valid
5	A5	AS		U		25.65	4.07	+	28.04	2.12	+	34.24	1.09	valid
6	A6	AS		U		25.90	4.12	+	28.35	2.13	+	34.91	1.03	valid
7	A7	MTL		U		25.99	4.03	+	28.61	2.10	+	34.67	1.06	valid
8	A8	MTL		U		26.12	4.02	+	28.60	2.08	+	34.44	1.08	valid
9	A9	TM		U		26.28	3.98	+	28.72	2.07	+	34.41	1.10	valid
10	A10	TM		U		26.36	4.03	+	28.73	2.10	+	34.50	1.07	valid
11	A11	DC		U		26.73	3.99	+	29.22	2.04	+	35.07	1.05	valid
12	A12	DC		U		26.53	3.95	+	28.95	2.02	+	36.59	0.88	valid
13	B1	TMG		U		26.15	3.97	+	28.54	2.03	+	33.70	1.13	valid
14	B2	TMG		U		25.82	4.08	+	28.20	2.10	+	34.24	1.03	valid
15	B3	BBL		U		31.45	3.53	+	32.91	2.01	+	33.14	1.18	valid
16	B4	BBL		U		30.87	3.67	+	32.58	1.99	+	33.26	1.22	valid
17	B5	AC		U		32.19	3.61	+	34.55	1.94	+	33.01	1.18	valid
18	B6	AC		U		32.48	3.48	+	34.17	1.96	+	33.12	1.20	valid

	Nr	Well	Sample	Dil.	Task	Out	35S Ct	35S dRN	35S Res	NOS Ct	NOS dRN	NOS Res	IPC Ct	IPC dRN	IPC Total
46	17	B5	AC		U		32.19	3.61	+	34.55	1.94	+	33.01	1.18	valid
47	18	B6	AC		U		32.48	3.48	+	34.17	1.96	+	33.12	1.20	valid
48	19	B7	AM		U		33.84	3.28	+	36.29	1.78	+	33.44	1.21	valid
49	20	B8	AM		U		37.56	1.95	+	36.02	1.82	+	33.25	1.18	valid
50	21	B9	TJ		U		45.00	-0.18	-	37.30	1.67	+	33.26	1.18	valid
51	22	B10	TJ		U		34.67	2.85	+	35.79	1.82	+	33.44	1.21	valid
52	23	B11	MP		U		26.59	3.96	+	28.69	2.05	+	34.21	1.09	valid
53	24	B12	MP		U		26.50	3.98	+	28.60	2.04	+	34.38	1.10	valid
54	25	C1	KHM		U		25.66	3.92	+	27.90	2.04	+	34.34	0.85	valid
55	26	C2	KHM		U		25.50	4.03	+	27.68	2.04	+	34.91	0.79	valid
56	27	C3	MS		U		25.60	4.24	+	27.70	2.14	+	34.37	1.05	valid
57	28	C4	MS		U		25.58	4.32	+	27.84	2.14	+	34.22	1.08	valid
58	29	C5	AA		U		25.58	4.32	+	27.83	2.17	+	34.72	1.02	valid
59	30	C6	AA		U		25.66	4.41	+	27.89	2.14	+	34.45	1.04	valid
60	31	C7	AHM		U		26.02	4.38	+	28.29	2.23	+	34.41	1.08	valid
61	32	C8	AHM		U		25.87	4.34	+	28.14	2.20	+	34.29	1.11	valid
62	33	C9	RMG		U		29.00	3.76	+	30.59	2.02	+	33.72	0.90	valid
63	34	C10	RMG		U		29.05	3.75	+	30.61	2.03	+	33.47	0.98	valid
64	35	C11	NP		U		31.13	3.70	+	32.99	2.01	+	33.19	1.15	valid
65	36	C12	NP		U		31.22	3.61	+	33.37	1.91	+	33.40	1.18	valid
66	37	D1	A1		U		29.22	3.58	+	30.86	1.99	+	33.44	0.93	valid
67	38	D2	A1		U		29.14	3.66	+	30.84	2.03	+	33.24	1.05	valid
68	39	D3	OP		U		32.59	3.56	+	35.49	1.89	+	34.19	1.13	valid
69	40	D4	OP		U		32.67	3.17	+	35.10	2.18	+	34.44	1.25	valid

1. To Edit or make any changes to the sheet,
2. Unprotect the sheet (under Review Tab)
3. Change the “task” if required to “EC” for extraction control
4. The dilutions used can be entered under the “Dil” column as required
5. Ensure NC and PC have passed
6. Check for inconsistent results between duplicates
7. Check for inconsistent Ct values between duplicates
8. Check for inhibition (IPC invalid)
9. Any unusual results must be analyzed simultaneously using the amplification plot
10. For samples indicating inhibition, a further dilution can be made and subjected to re-PCR