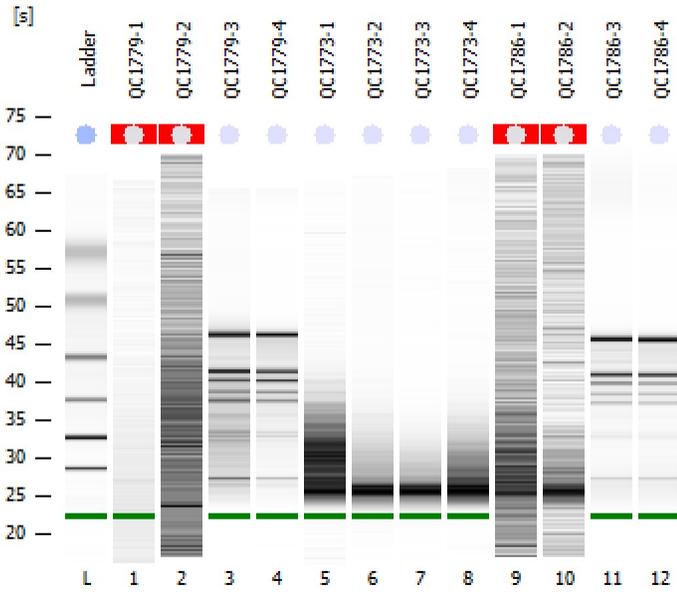


Assay Class: Plant RNA Nano  
 Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
 Modified: 3/15/2024 1:26:26 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
 Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Plant RNA Nano.xsy  
 Assay Class: Plant RNA Nano  
 Version: 1.3  
 Assay Comments: Total RNA Analysis ng sensitivity (Plant)  
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Chip Information:

Chip Lot #:   
 Reagent Kit Lot #:   
 Chip Comments:

PAT10 RIN: N/A	<b>QC1779-1</b>	PINT10 RIN: N/A	<b>QC1779-2</b>	INSV108 RIN: 5.50	<b>QC1779-3</b>
INSV73 RIN: 6.70	<b>QC1779-4</b>	02 RIN: 2	<b>QC1773-1</b>	04 RIN: 2.30	<b>QC1773-2</b>
06 RIN: 2.40	<b>QC1773-3</b>	13 RIN: 2.20	<b>QC1773-4</b>	PAT9 RIN: N/A	<b>QC1786-1</b>
PINT9 RIN: N/A	<b>QC1786-2</b>	INSV74 RIN: 7	<b>QC1786-3</b>	INSV75 RIN: 7.10	<b>QC1786-4</b>

Assay Class: Plant RNA Nano  
 Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
 Modified: 3/15/2024 1:26:26 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
QC1779-1	PAT10	✓	RIN N/A	
QC1779-2	PINT10	✓	RIN N/A	
QC1779-3	INSV108	✓	RIN: 5.50	
QC1779-4	INSV73	✓	RIN: 6.70	
QC1773-1	02	✓	RIN:2	
QC1773-2	04	✓	RIN: 2.30	
QC1773-3	06	✓	RIN: 2.40	
QC1773-4	13	✓	RIN: 2.20	
QC1786-1	PAT9	✓	RIN N/A	
QC1786-2	PINT9	✓	RIN N/A	
QC1786-3	INSV74	✓	RIN:7	
QC1786-4	INSV75	✓	RIN: 7.10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Plant RNA Nano  
 Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
 Modified: 3/15/2024 1:26:26 PM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 13  
 Minimum Visible Range [s] : 17  
 Maximum Visible Range [s] : 70  
 Start Analysis Time Range [s] : 19  
 End Analysis Time Range [s] : 69  
 Ladder Concentration [ng/μl] : 150  
 Lower Marker Concentration [ng/μl] : 0  
 Upper Marker Concentration [ng/μl] : 0  
 Used Lower Marker for Quantitation  
 Standard Curve Fit is Logarithmic  
 Show Data Aligned to Lower Marker

**Integrator Settings**

Integration Start Time [s] : 19  
 Integration End Time [s] : 69  
 Slope Threshold : 0.6  
 Height Threshold [FU] : 0.2  
 Area Threshold : 0.1  
 Width Threshold [s] : 0.2  
 Baseline Plateau [s] : 6

**Filter Settings**

Filter Width [s] : 0.5  
 Polynomial Order : 4

**Ladder**

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary**

Ladder



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1779-1 [ PAT10 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1779-2 [ PINT10 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1779-3 [ INSV108 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1779-4 [ INSV73 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1773-1 [ 02 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1773-2 [ 04 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1773-3 [ 06 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1773-4 [ 13 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1786-1 [ PAT9 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1786-2 [ PINT9 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

QC1786-3 [ INSV74 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Electropherogram Summary Continued ...**

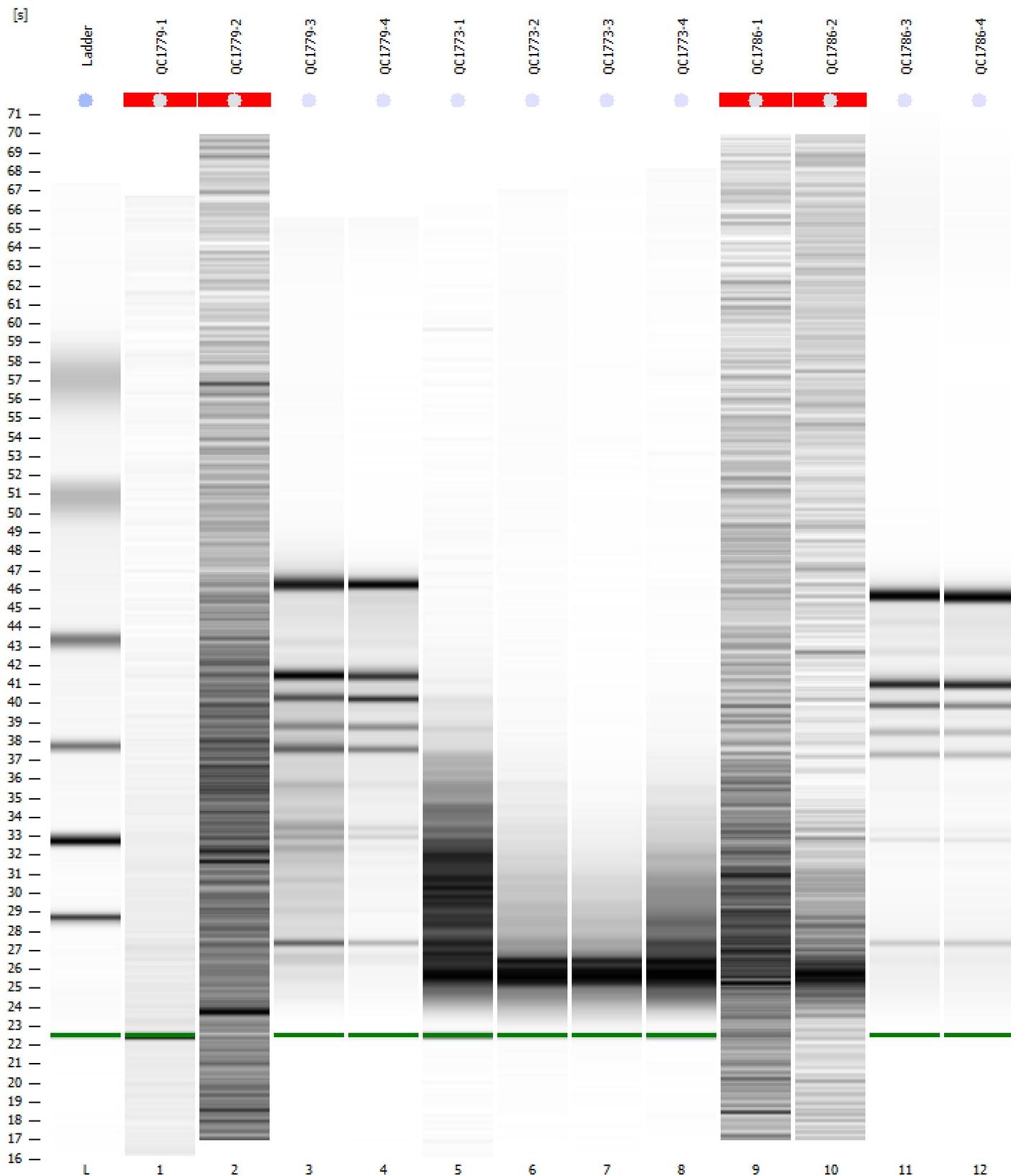
QC1786-4 [ INSV75 ]



Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

Gel Image

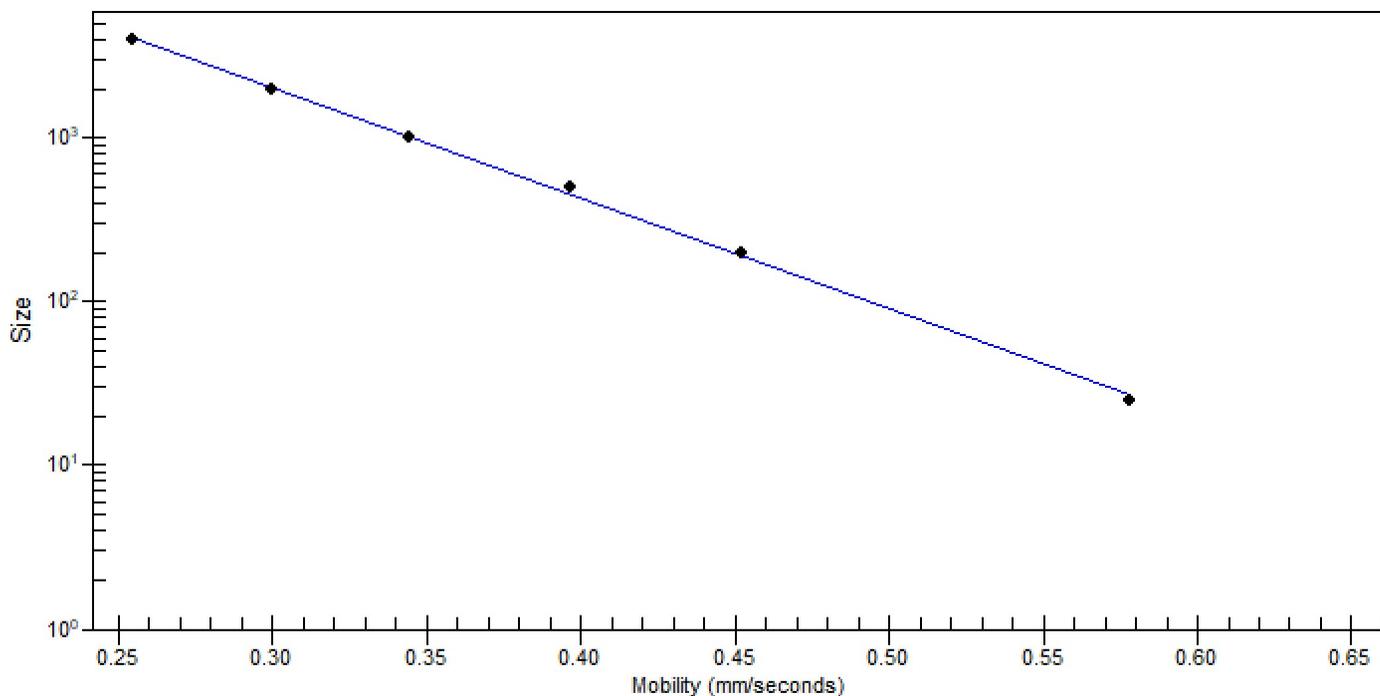


Assay Class: Plant RNA Nano  
Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad

Created: 3/15/2024 1:02:36 PM  
Modified: 3/15/2024 1:26:26 PM

**Curves**

**Standard Curve**



Assay Class: Plant RNA Nano  
 Data Path: C:\...5\Bioanalyzer1\_Plant RNA Nano\_DE34903152\_2024-03-15\_001.xad  
 Created: 3/15/2024 1:02:36 PM  
 Modified: 3/15/2024 1:26:26 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		3/15/2024 1:26:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2024-03-15\Bioanalyzer1_Plant RNA Nano_DE34903152_2024-03-15 Product Number : G2938C		Instrument	Run		3/15/2024 1:02:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		3/15/2024 1:02:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		3/15/2024 1:02:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		3/15/2024 1:02:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		3/15/2024 1:02:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		3/15/2024 1:02:42 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB