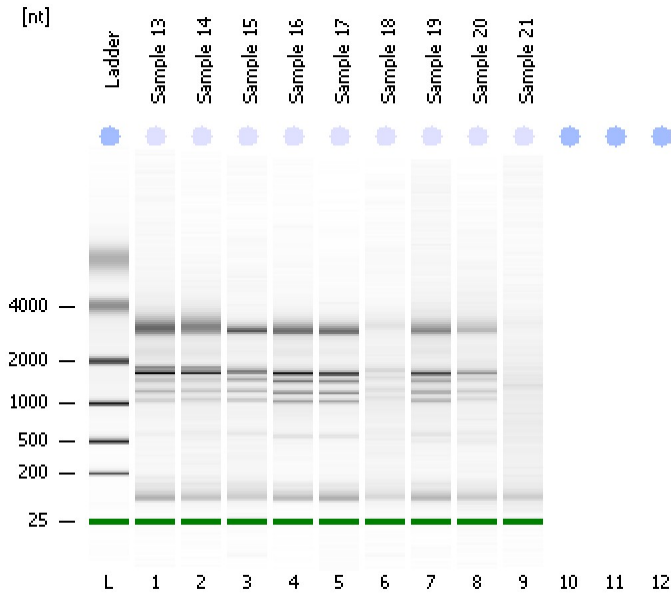


Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\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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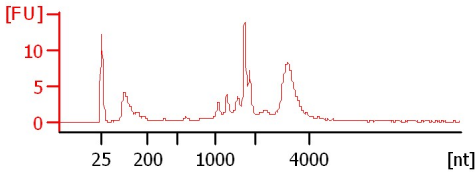
Chip Information:

Chip Lot #:

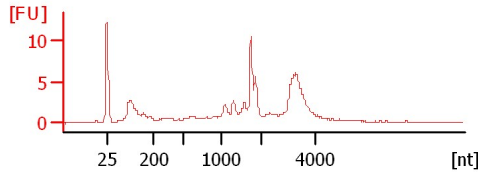
Reagent Kit Lot #:

Chip Comments:

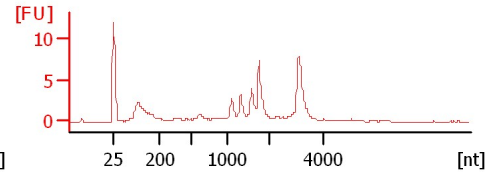
Sample 13
HiSeq1263_RNA_QC
RIN: 7.70



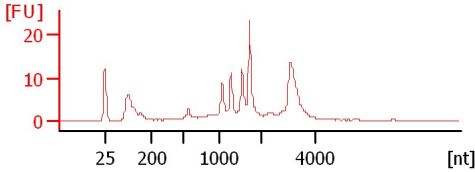
Sample 14
HiSeq1263_RNA_QC
RIN: 7.10



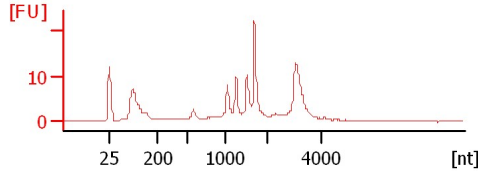
Sample 15
HiSeq1263_RNA_QC
RIN: 7.40



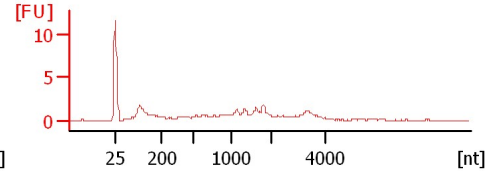
Sample 16
HiSeq1263_RNA_QC
RIN: 6.90



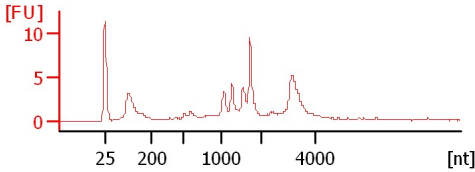
Sample 17
HiSeq1263_RNA_QC
RIN: 7.10



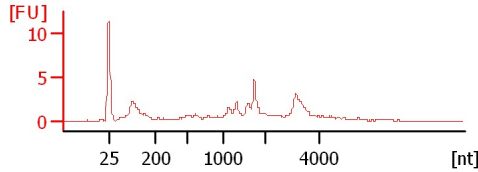
Sample 18
HiSeq1263_RNA_QC
RIN: 2



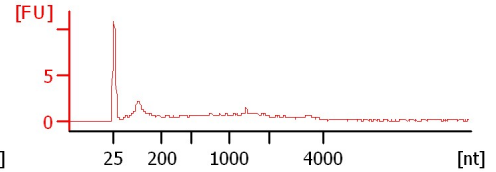
Sample 19
HiSeq1263_RNA_QC
RIN: 7.10



Sample 20
HiSeq1263_RNA_QC
RIN: 6.90



Sample 21
HiSeq1263_RNA_QC
RIN: 1.90



Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 13	HiSeq1263_RNA_QC	✓	RIN: 7.70	
Sample 14	HiSeq1263_RNA_QC	✓	RIN: 7.10	
Sample 15	HiSeq1263_RNA_QC	✓	RIN: 7.40	
Sample 16	HiSeq1263_RNA_QC	✓	RIN: 6.90	
Sample 17	HiSeq1263_RNA_QC	✓	RIN: 7.10	
Sample 18	HiSeq1263_RNA_QC	✓	RIN:2	
Sample 19	HiSeq1263_RNA_QC	✓	RIN: 7.10	
Sample 20	HiSeq1263_RNA_QC	✓	RIN: 6.90	
Sample 21	HiSeq1263_RNA_QC	✓	RIN: 1.90	
Ladder		✓	All Other Samples	

Chip Lot #

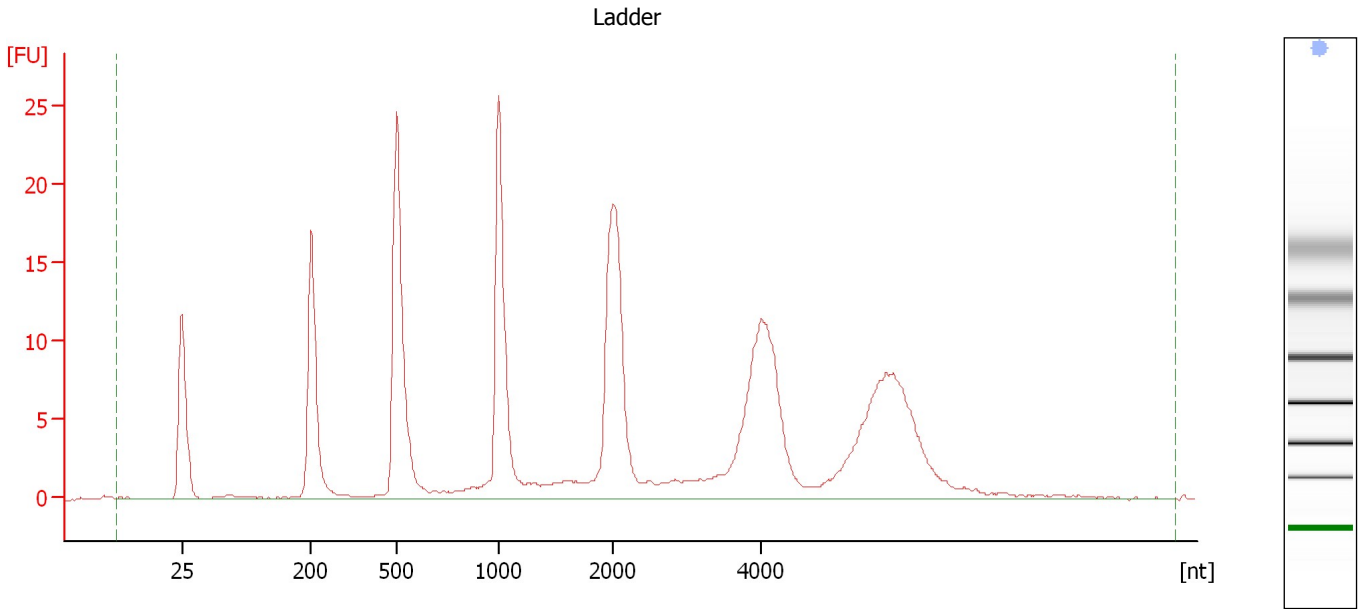
Reagent Kit Lot #

Chip Comments :

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary



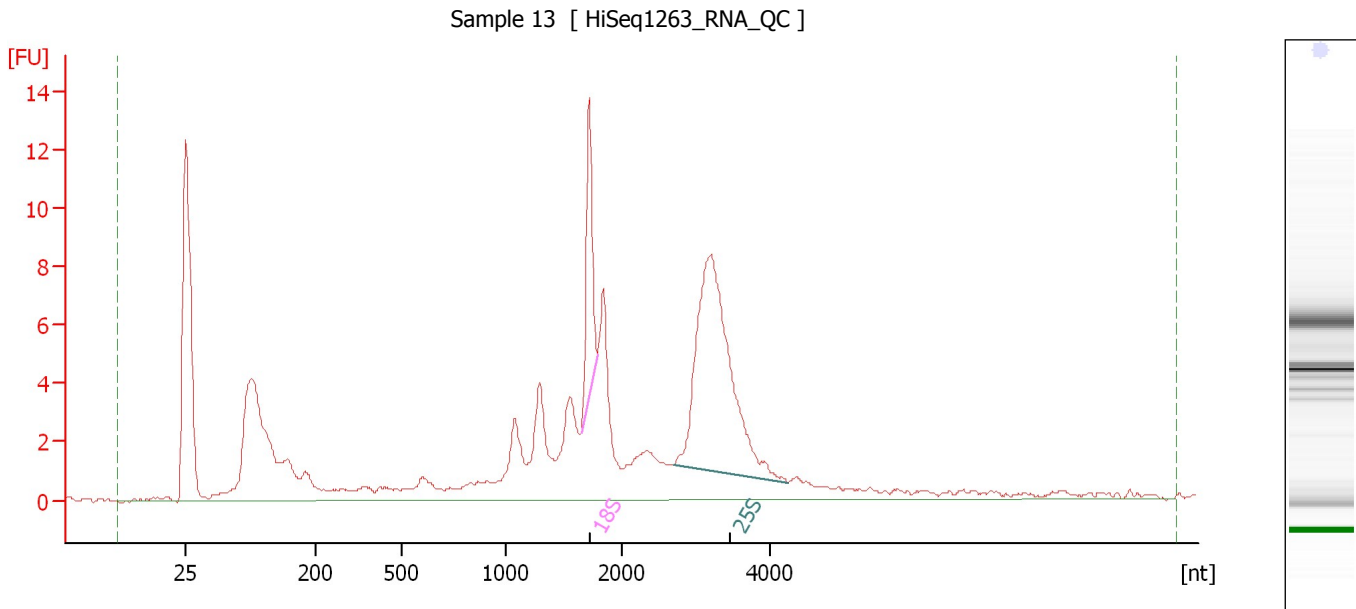
Overall Results for Ladder

RNA Area:	258.9	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Sample 13

RNA Area:	137.9	RNA Integrity Number (RIN):	7.7 (B.02.08)
RNA Concentration:	80 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	3.6	Result Flagging Label:	RIN: 7.70

Fragment table for sample 1 : Sample 13

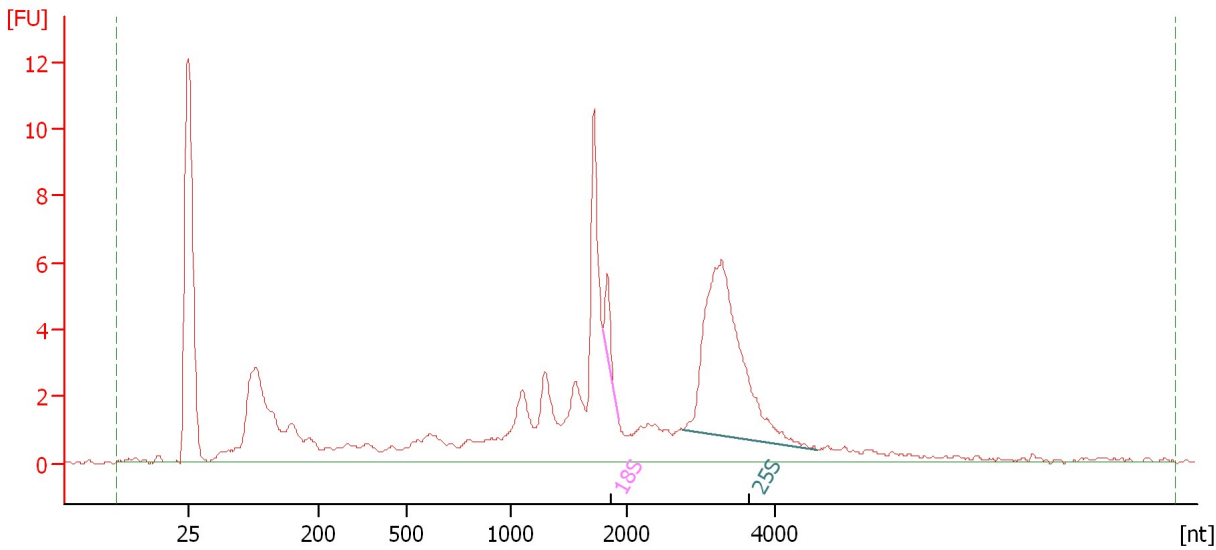
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,659	1,798	8.0	5.8
25S	2,709	4,250	28.6	20.8

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...

Sample 14 [HiSeq1263_RNA_QC]



Overall Results for sample 2 : Sample 14

RNA Area:	108.3	RNA Integrity Number (RIN):	7.1 (B.02.08)
RNA Concentration:	63 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	12.0	Result Flagging Label:	RIN: 7.10

Fragment table for sample 2 : Sample 14

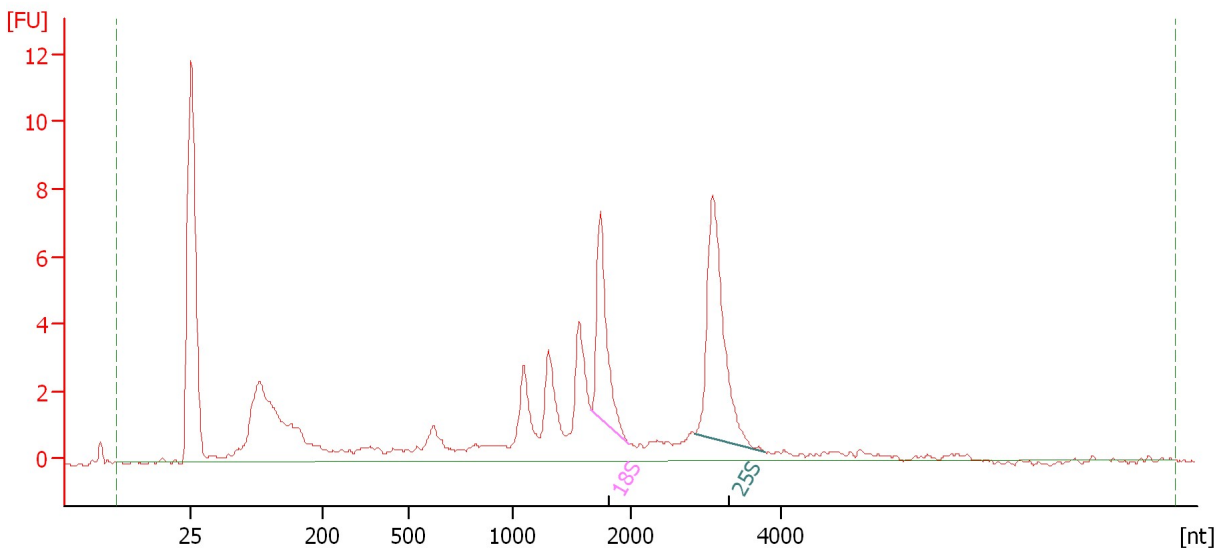
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,793	1,931	1.8	1.7
25S	2,766	4,569	21.9	20.2

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...

Sample 15 [HiSeq1263_RNA_QC]



Overall Results for sample 3 : Sample 15

RNA Area:	79.6	RNA Integrity Number (RIN):	7.4 (B.02.08)
RNA Concentration:	46 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	1.8	Result Flagging Label:	RIN: 7.40

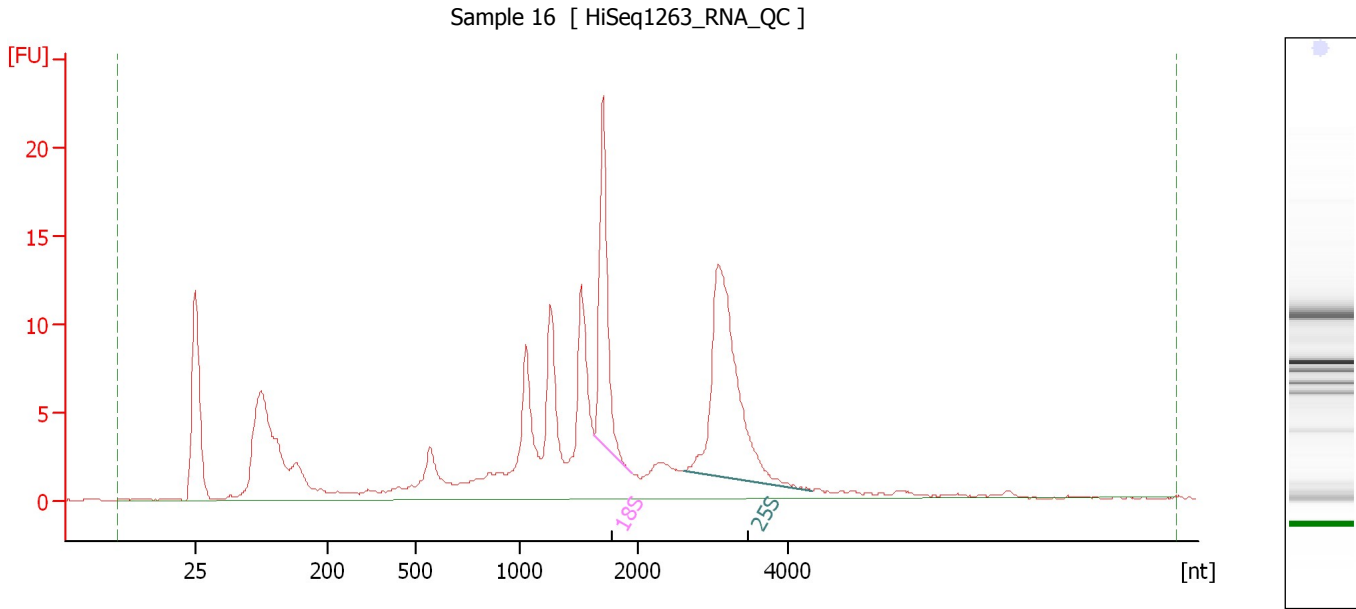
Fragment table for sample 3 : Sample 15

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,667	1,989	7.4	9.3
25S	2,852	3,806	13.3	16.7

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Sample 16

RNA Area:	194.3	RNA Integrity Number (RIN):	6.9 (B.02.08)
RNA Concentration:	113 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	1.8	Result Flagging Label:	RIN: 6.90

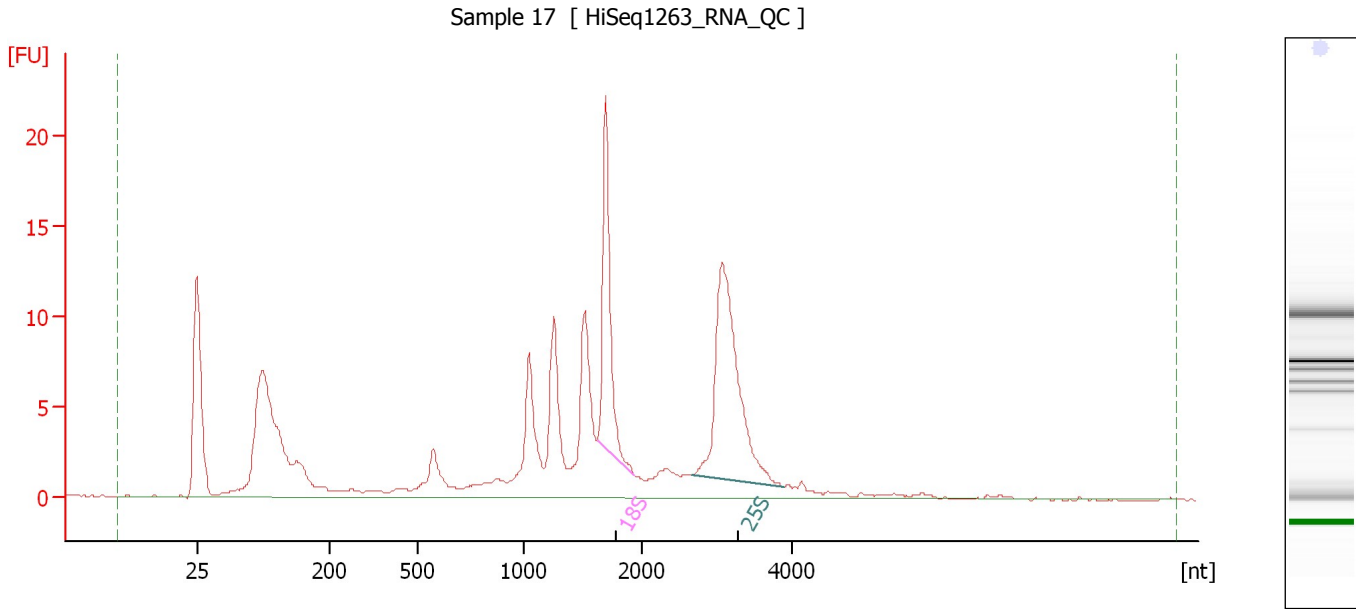
Fragment table for sample 4 : Sample 16

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,636	1,955	19.1	9.8
25S	2,624	4,308	35.2	18.1

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sample 17

RNA Area:	176.0	RNA Integrity Number (RIN):	7.1 (B.02.08)
RNA Concentration:	102 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	1.7	Result Flagging Label:	RIN: 7.10

Fragment table for sample 5 : Sample 17

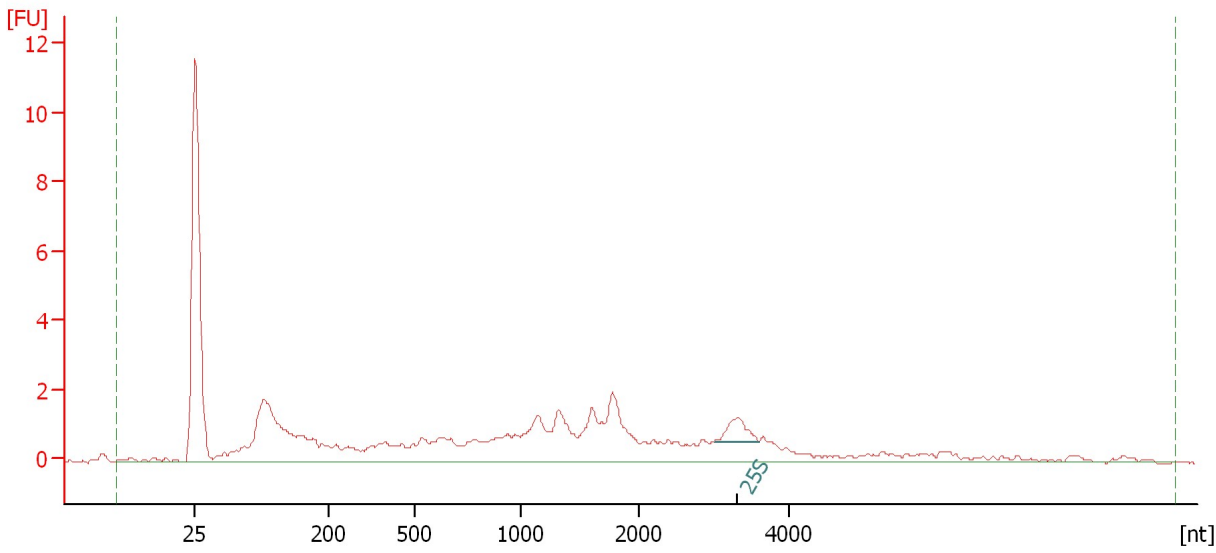
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,630	1,939	18.7	10.6
25S	2,681	3,878	30.9	17.5

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...

Sample 18 [HiSeq1263_RNA_QC]



Overall Results for sample 6 : Sample 18

RNA Area: 56.9 RNA Integrity Number (RIN): 2 (B.02.08)
RNA Concentration: 33 ng/μl Result Flagging Color:
rRNA Ratio [25s / 18s]: 0.0 Result Flagging Label: RIN:2

Fragment table for sample 6 : Sample 18

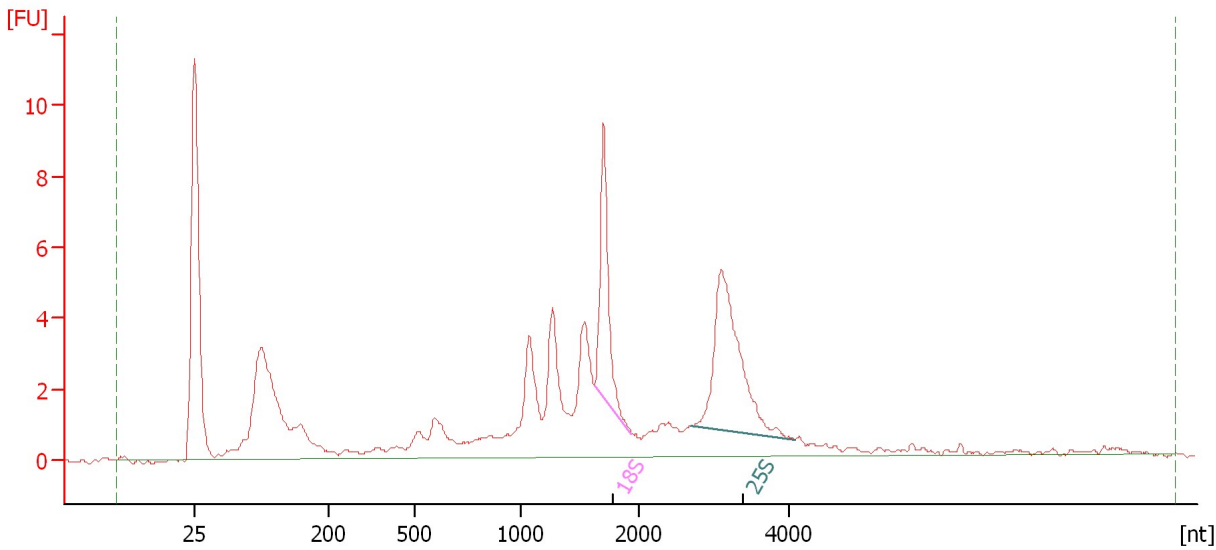
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
25S	3,005	3,584	1.5	2.7

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...

Sample 19 [HiSeq1263_RNA_QC]



Overall Results for sample 7 : Sample 19

RNA Area: 94.1 RNA Integrity Number (RIN): 7.1 (B.02.08)
RNA Concentration: 55 ng/µl Result Flagging Color:
rRNA Ratio [25s / 18s]: 1.7 Result Flagging Label: RIN: 7.10

Fragment table for sample 7 : Sample 19

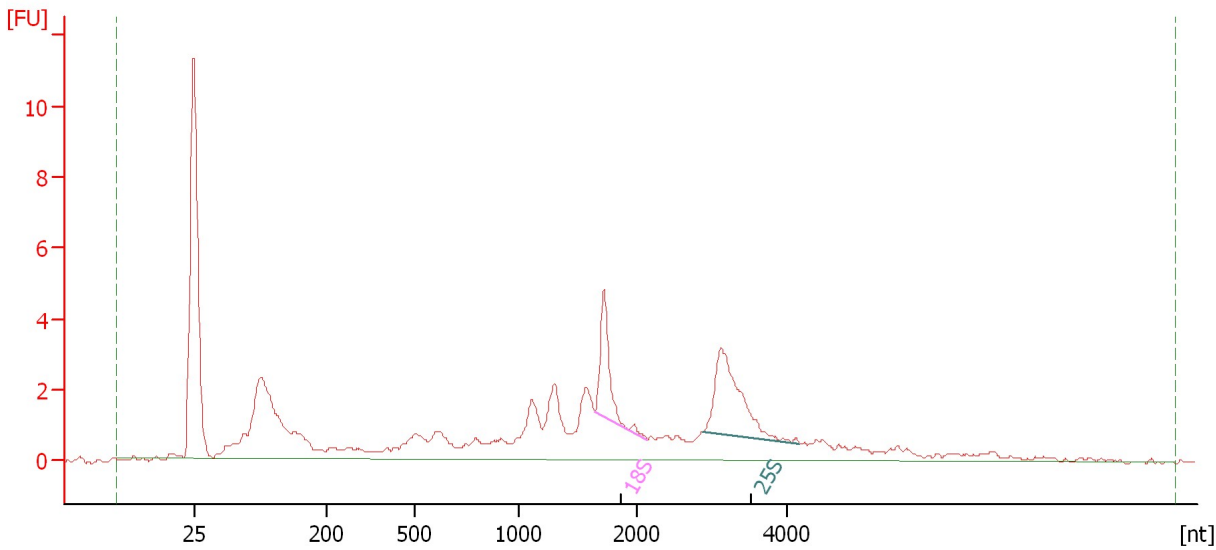
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,629	1,938	8.0	8.5
25S	2,709	4,064	13.2	14.0

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...

Sample 20 [HiSeq1263_RNA_QC]



Overall Results for sample 8 : Sample 20

RNA Area:	72.0	RNA Integrity Number (RIN):	6.9 (B.02.08)
RNA Concentration:	42 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	1.7	Result Flagging Label:	RIN: 6.90

Fragment table for sample 8 : Sample 20

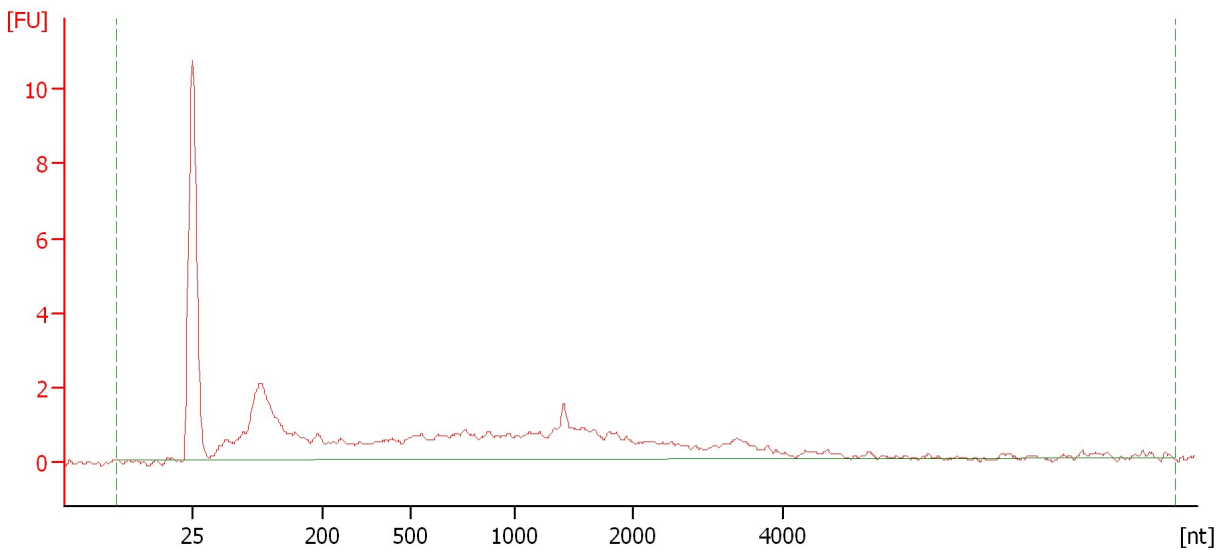
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,654	2,143	4.2	5.8
25S	2,893	4,166	7.0	9.8

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Electropherogram Summary Continued ...

Sample 21 [HiSeq1263_RNA_QC]



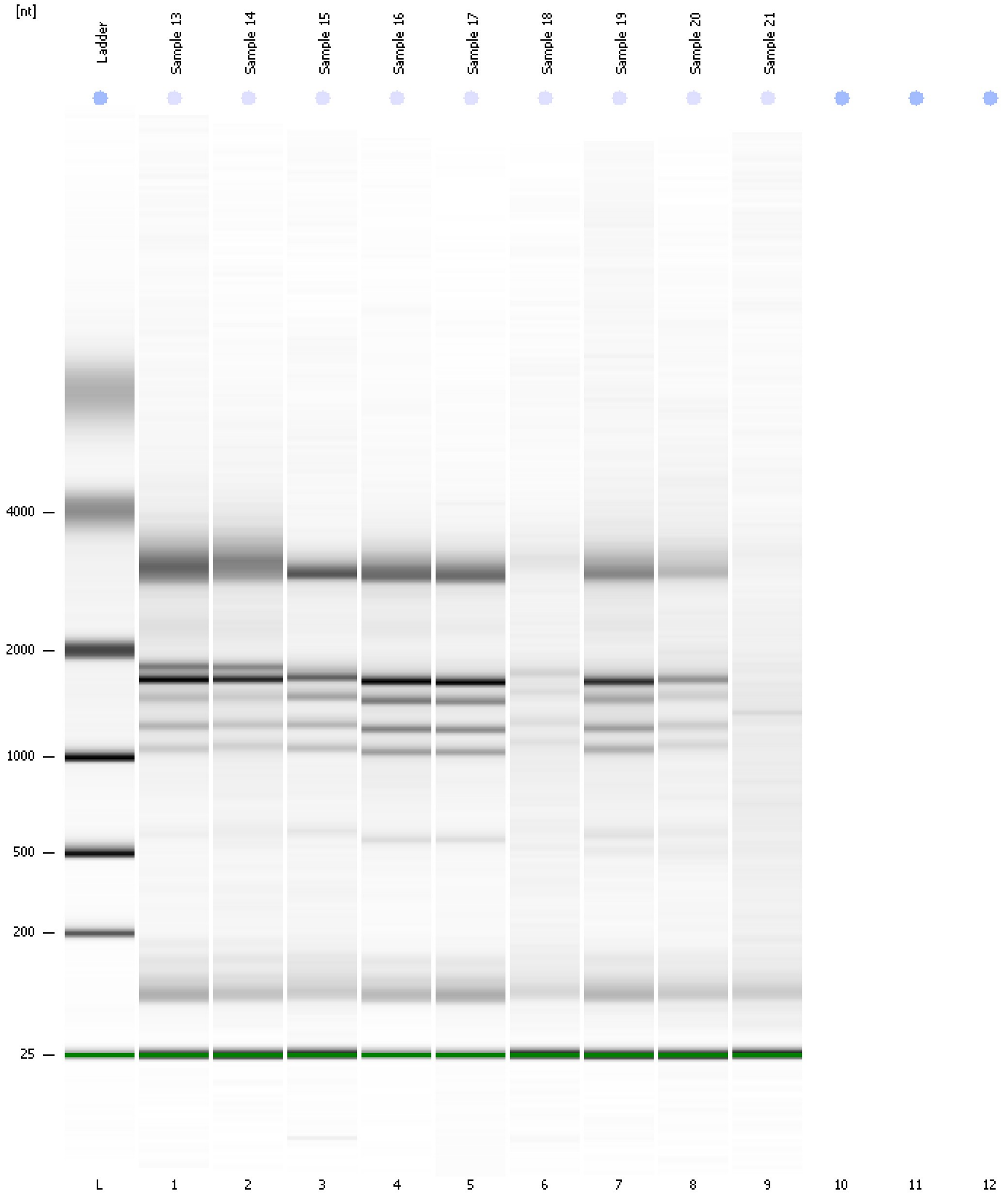
Overall Results for sample 9 : Sample 21

RNA Area:	47.2	RNA Integrity Number (RIN):	1.9 (B.02.08)
RNA Concentration:	27 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 1.90

Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Gel Image



Assay Class: Plant RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_002.xad

Created: 1/3/2018 11:03:53 AM
Modified: 1/3/2018 1:33:12 PM

Invalid Samples

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.