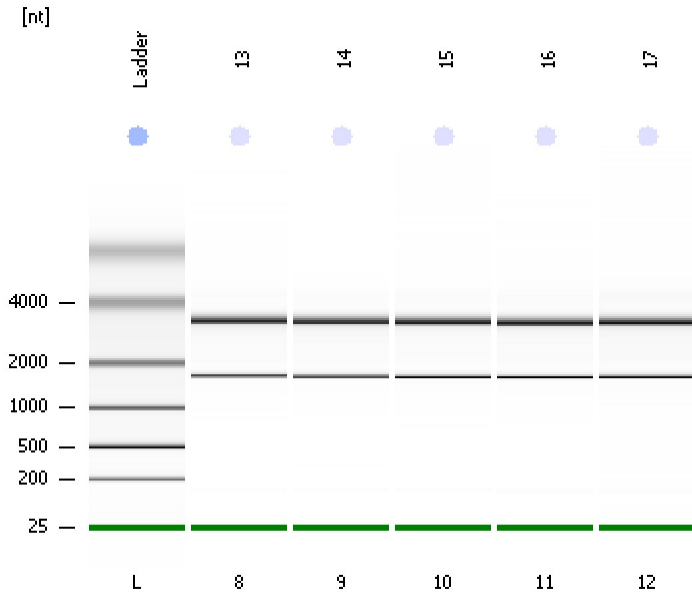


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:27:36 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\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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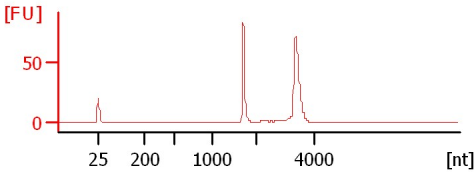
Chip Information:

Chip Lot #:

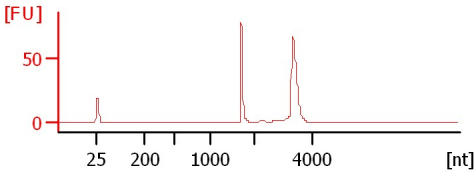
Reagent Kit Lot #:

Chip Comments:

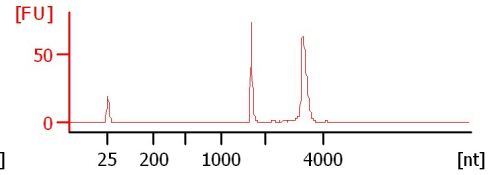
13
Stoeber
RIN:10



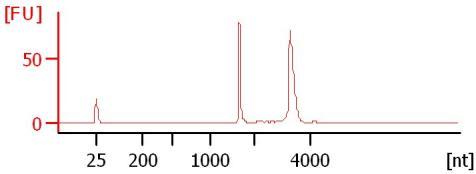
14
Stoeber
RIN:10



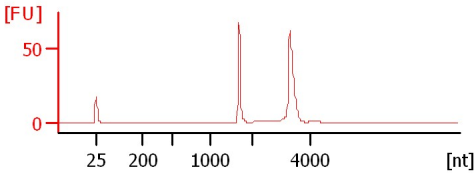
15
Stoeber
RIN:10



16
Stoeber
RIN:10



17
Stoeber
RIN:10



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:27:36 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
13	Stoeber	✓	RIN:10	
14	Stoeber	✓	RIN:10	
15	Stoeber	✓	RIN:10	
16	Stoeber	✓	RIN:10	
17	Stoeber	✓	RIN:10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:27:36 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] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

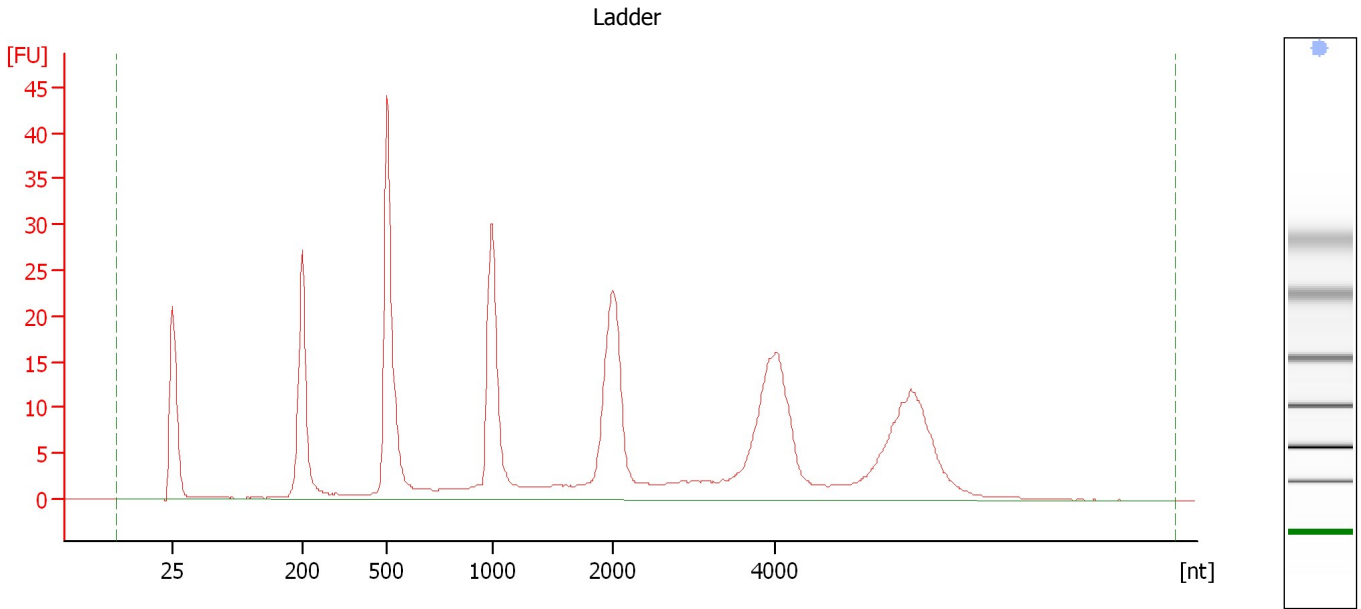
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:27:36 PM

Electropherogram Summary



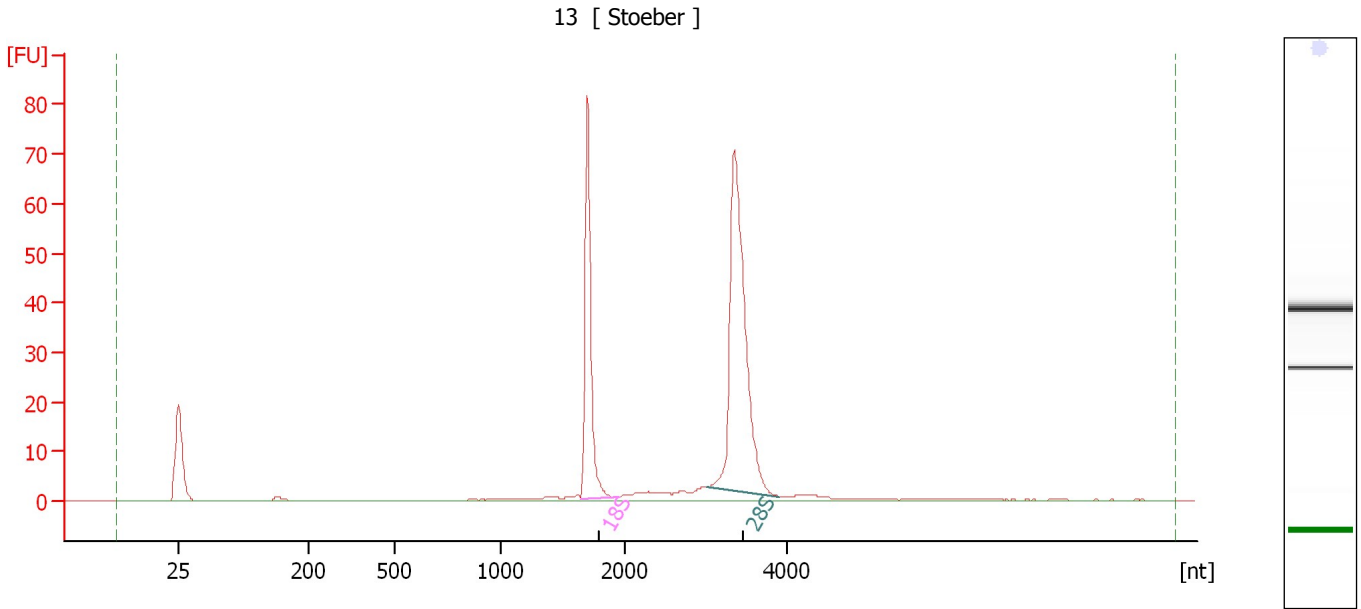
Overall Results for Ladder

RNA Area:	372.1	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:27:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 13

RNA Area:	231.0	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	93 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN:10

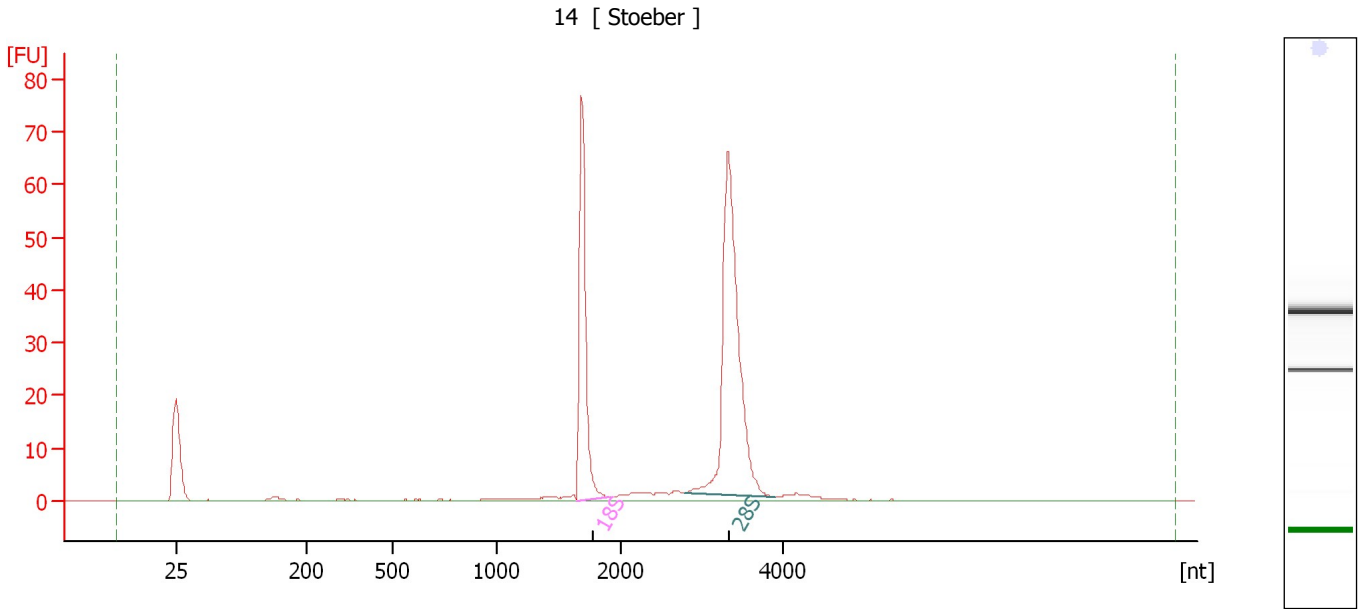
Fragment table for sample 8 : 13

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,655	1,950	63.3	27.4
28S	3,012	3,890	116.5	50.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:27:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 14

RNA Area:	213.4	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	86 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN:10

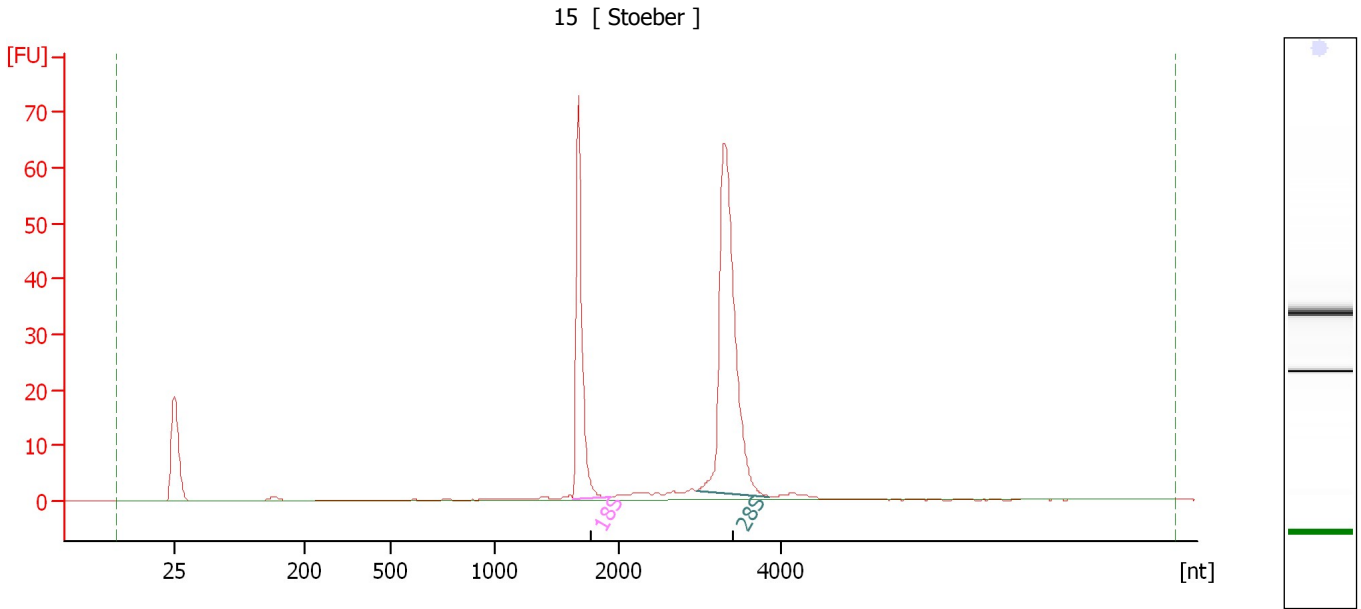
Fragment table for sample 9 : 14

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,644	1,914	59.6	27.9
28S	2,791	3,897	111.4	52.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:27:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 15

RNA Area:	195.4	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	79 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN:10

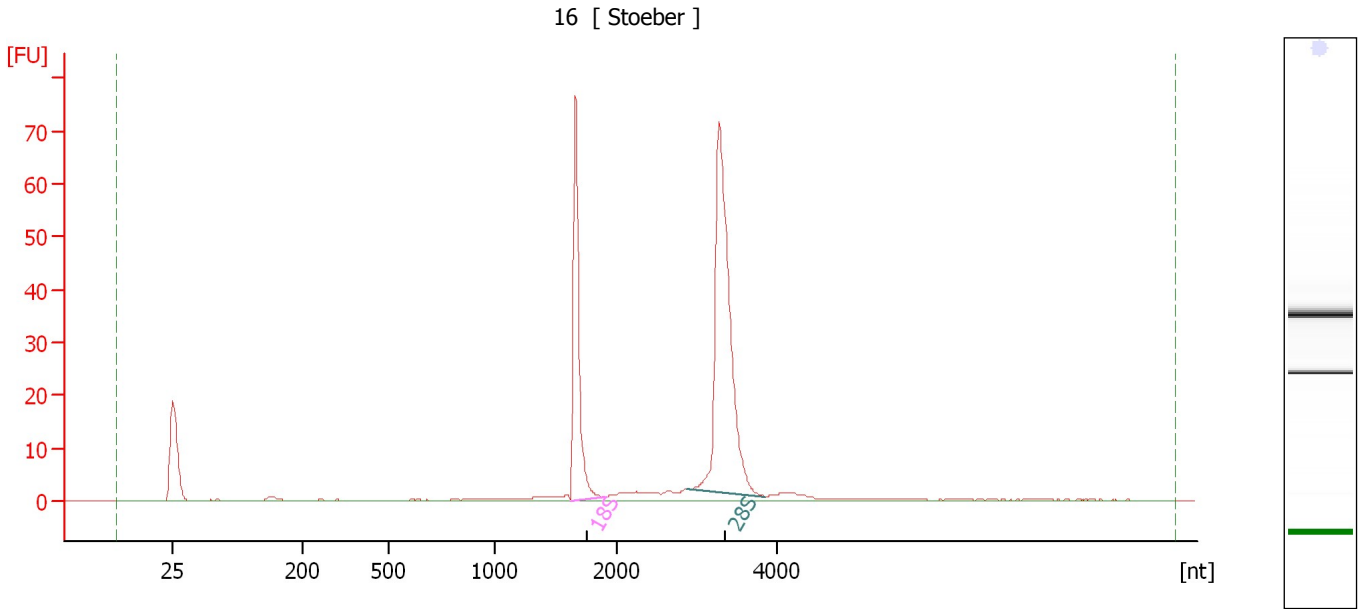
Fragment table for sample 10 : 15

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,634	1,948	56.0	28.6
28S	2,964	3,874	107.1	54.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:27:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 16

RNA Area:	218.7	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	88 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN:10

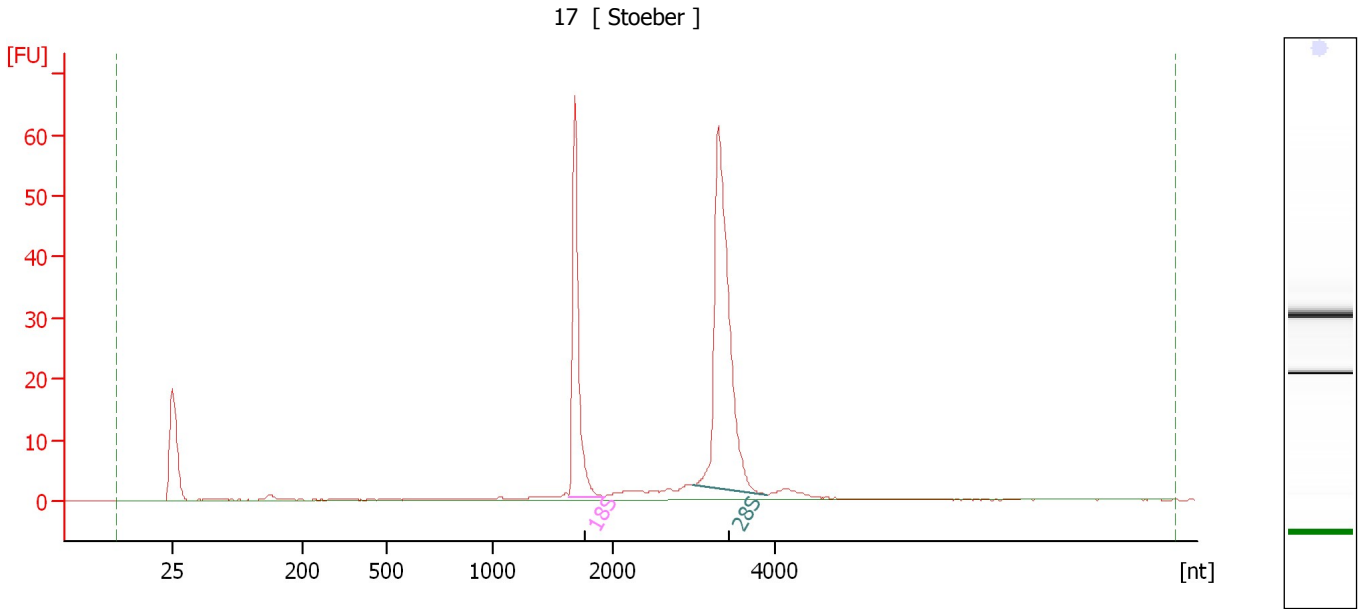
Fragment table for sample 11 : 16

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,624	1,913	60.0	27.4
28S	2,886	3,850	113.6	51.9

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:27:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : 17

RNA Area:	202.2	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	82 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN:10

Fragment table for sample 12 : 17

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,631	1,903	53.3	26.3
28S	2,980	3,907	97.5	48.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert\data\2018-06-13\2018-06-13_001_Stoeber_RNAQC_13-17.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:27:36 PM

Gel Image

