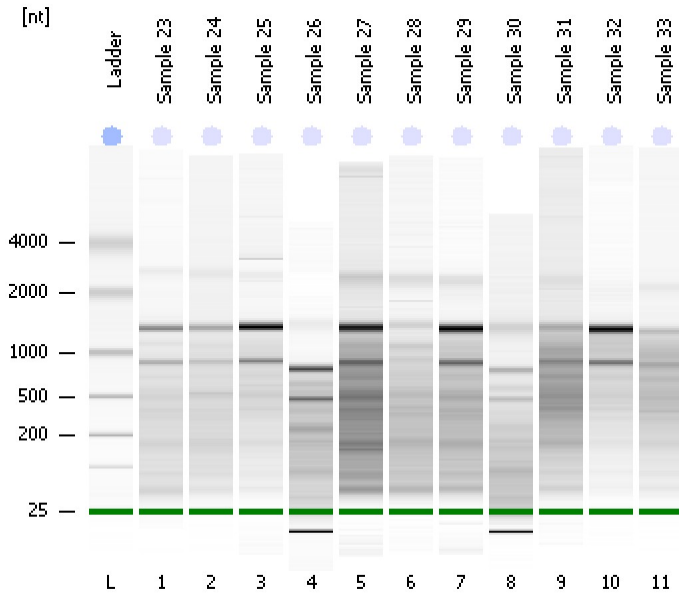


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electrophoresis File Run Summary



Instrument Information:

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

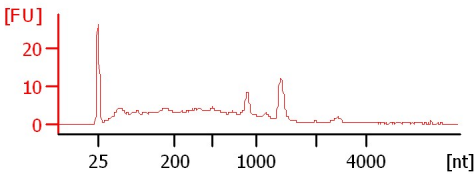
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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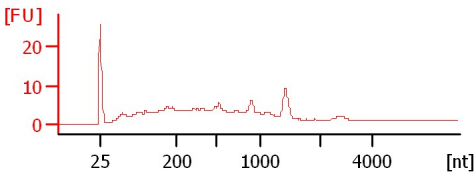
Chip Information:

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

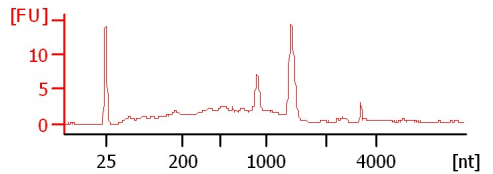
Sample 23
HiSeq1248
RIN: 5.70



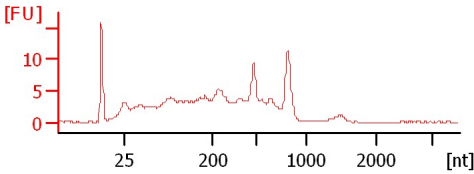
Sample 24
HiSeq1248
RIN: 4.50



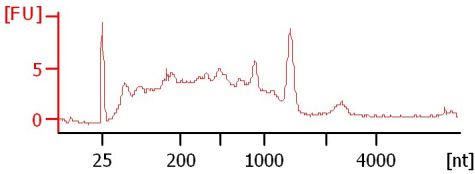
Sample 25
HiSeq1248
RIN: 7.50



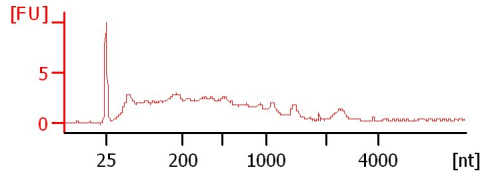
Sample 26
HiSeq1248
RIN: 4.70



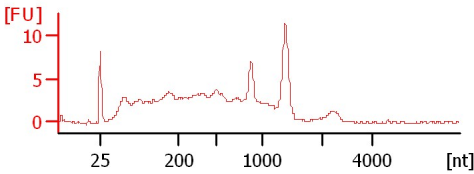
Sample 27
HiSeq1248
RIN: 4.40



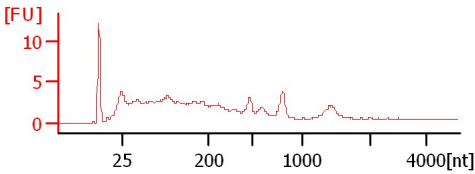
Sample 28
HiSeq1248
RIN: 2.30



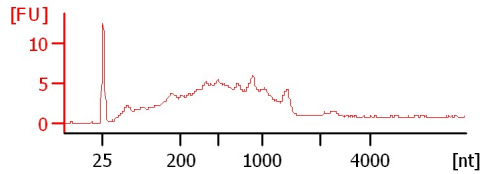
Sample 29
HiSeq1248
RIN: 5.80



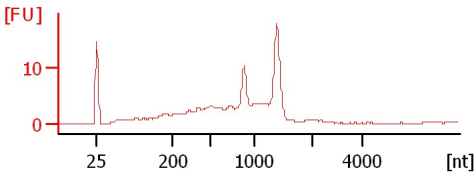
Sample 30
HiSeq1248
RIN: 5.10



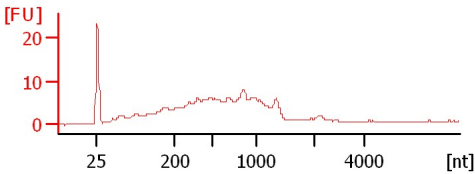
Sample 31
HiSeq1248
RIN: 3.50



Sample 32
HiSeq1248
RIN: 7.20



Sample 33
HiSeq1248
RIN: 3.50



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
 Modified: 1/3/2018 1:26:55 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 23	HiSeq1248	✓	RIN: 5.70	
Sample 24	HiSeq1248	✓	RIN: 4.50	
Sample 25	HiSeq1248	✓	RIN: 7.50	
Sample 26	HiSeq1248	✓	RIN: 4.70	
Sample 27	HiSeq1248	✓	RIN: 4.40	
Sample 28	HiSeq1248	✓	RIN: 2.30	
Sample 29	HiSeq1248	✓	RIN: 5.80	
Sample 30	HiSeq1248	✓	RIN: 5.10	
Sample 31	HiSeq1248	✓	RIN: 3.50	
Sample 32	HiSeq1248	✓	RIN: 7.20	
Sample 33	HiSeq1248	✓	RIN: 3.50	
Ladder		✓	All Other Samples	

Chip Lot #

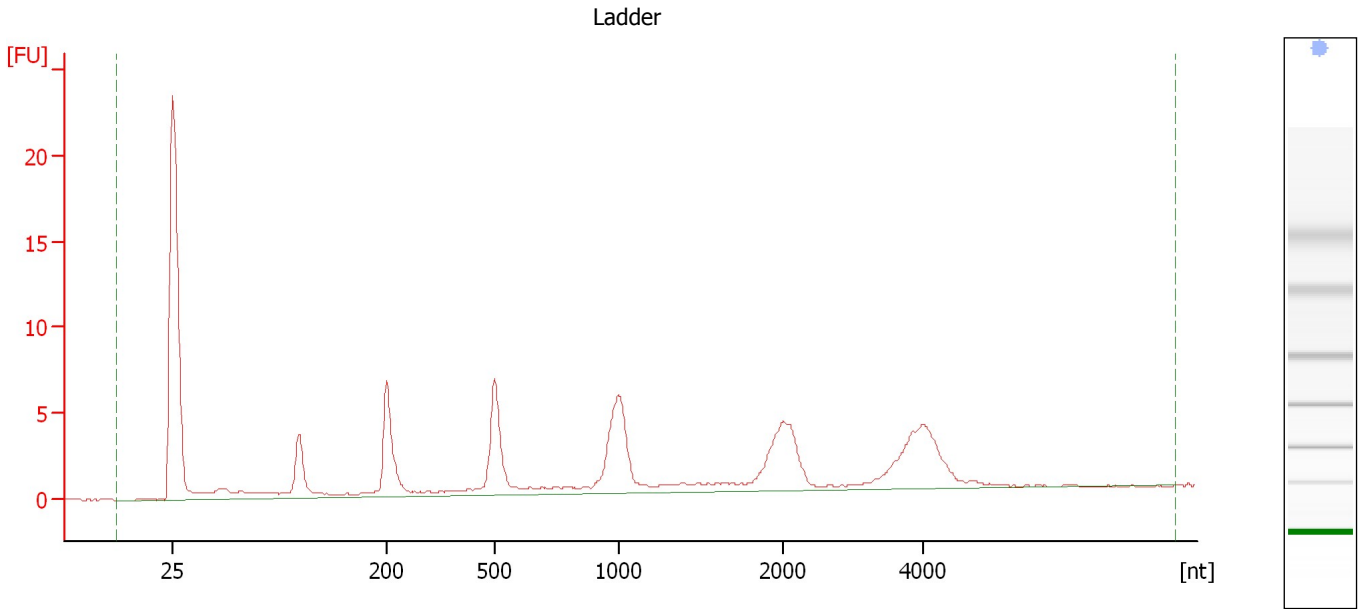
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary



Overall Results for Ladder

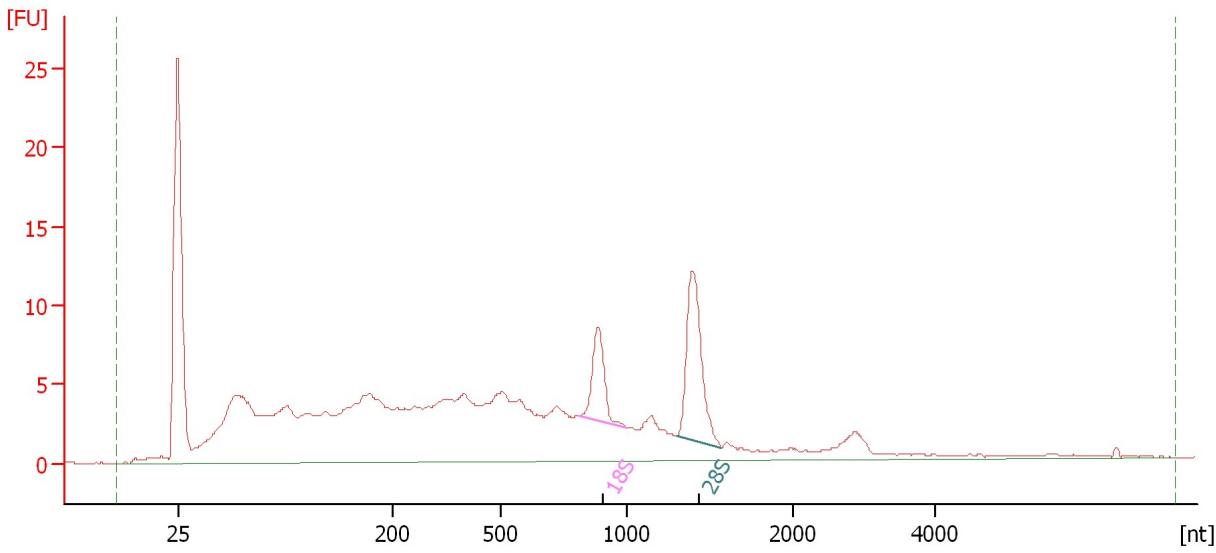
RNA Area:	92.4	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
 Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 23 [HiSeq1248]



Overall Results for sample 1 : Sample 23

RNA Area:	265.7	RNA Integrity Number (RIN):	5.7 (B.02.08)
RNA Concentration:	2,876 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.1	Result Flagging Label:	RIN: 5.70

Fragment table for sample 1 : Sample 23

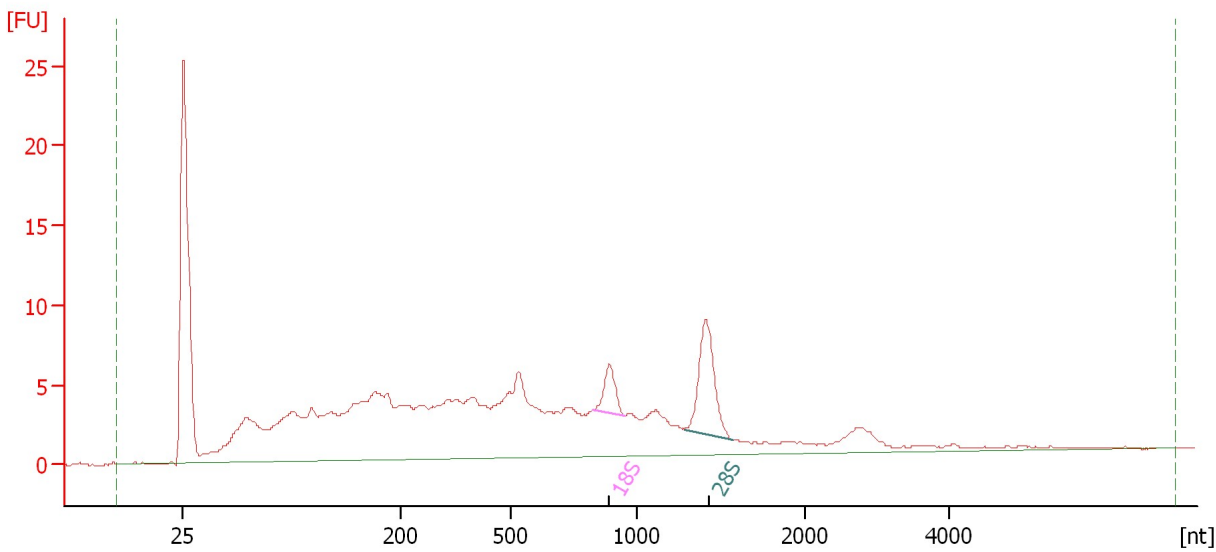
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	813	1,007	9.0	3.4
28S	1,302	1,570	18.5	7.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 24 [HiSeq1248]



Overall Results for sample 2 : Sample 24

RNA Area:	228.5	RNA Integrity Number (RIN):	4.5 (B.02.08)
RNA Concentration:	2,473 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	3.0	Result Flagging Label:	RIN: 4.50

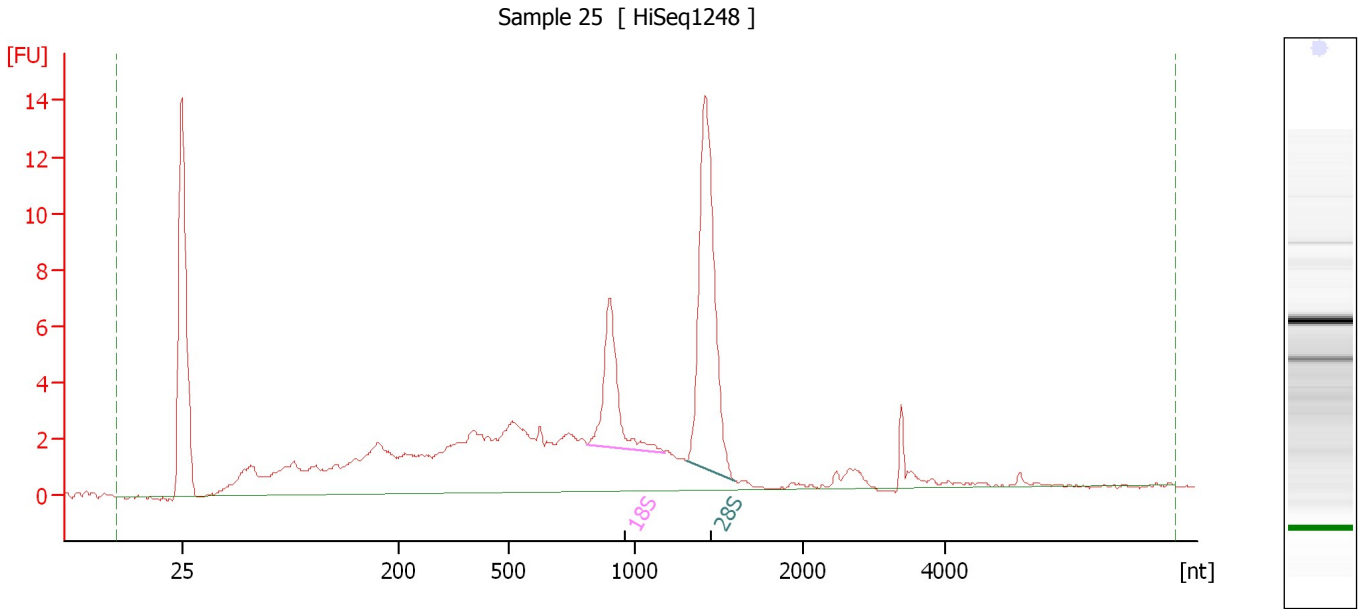
Fragment table for sample 2 : Sample 24

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	829	955	4.3	1.9
28S	1,281	1,566	12.7	5.6

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
 Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 25

RNA Area:	127.0	RNA Integrity Number (RIN):	7.5 (B.02.08)
RNA Concentration:	1,374 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.5	Result Flagging Label:	RIN: 7.50

Fragment table for sample 3 : Sample 25

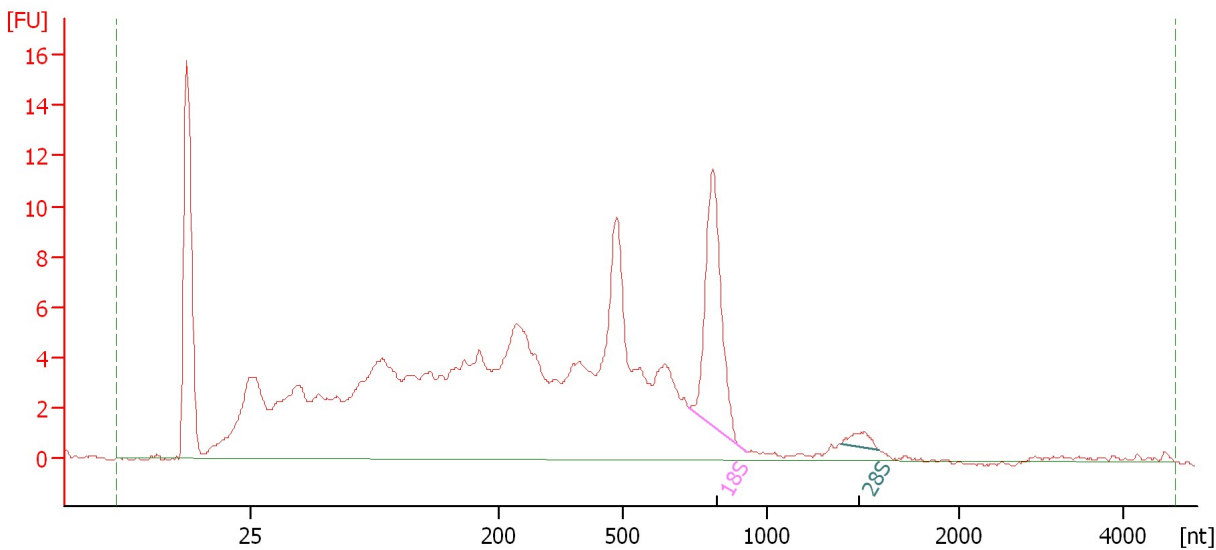
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	811	1,174	9.1	7.2
28S	1,307	1,592	23.1	18.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 26 [HiSeq1248]



Overall Results for sample 4 : Sample 26

RNA Area:	260.3	RNA Integrity Number (RIN):	4.7 (B.02.08)
RNA Concentration:	2,818 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN: 4.70

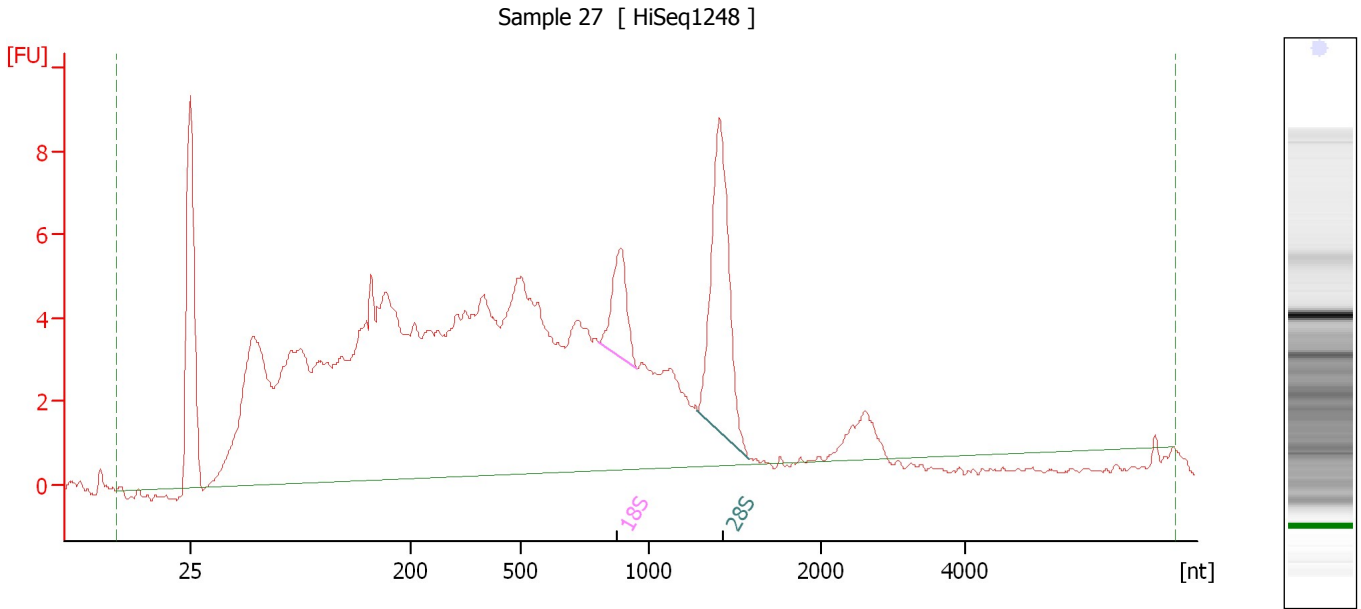
Fragment table for sample 4 : Sample 26

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	730	927	18.1	7.0
28S	1,379	1,579	1.1	0.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
 Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sample 27

RNA Area:	229.9	RNA Integrity Number (RIN):	4.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	2,489 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	3.1	Result Flagging Label:	RIN: 4.40

Fragment table for sample 5 : Sample 27

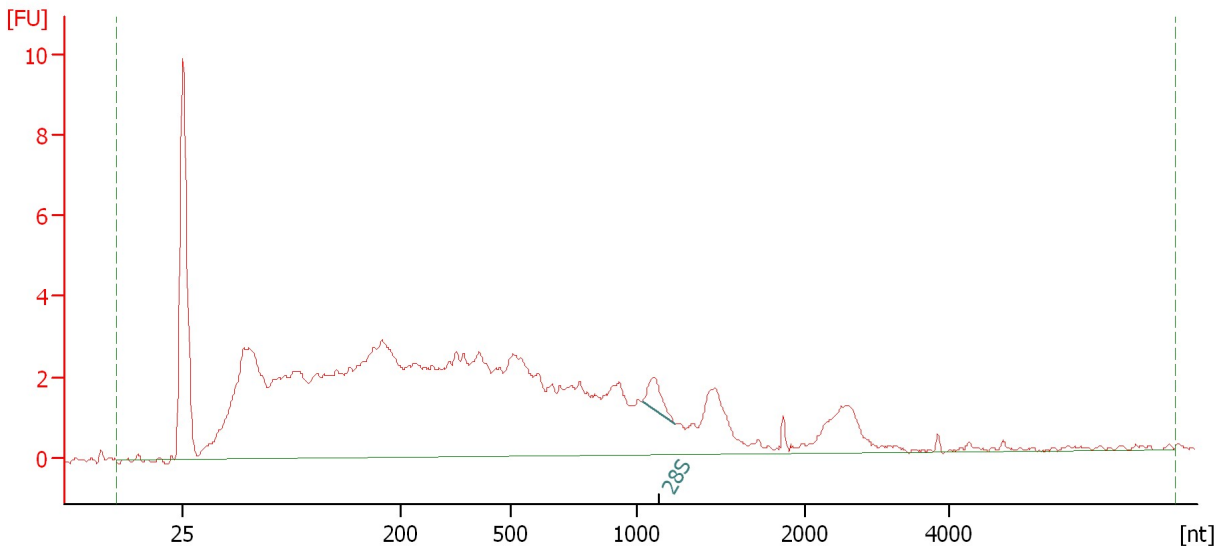
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	803	953	4.8	2.1
28S	1,280	1,579	15.0	6.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 28 [HiSeq1248]



Overall Results for sample 6 : Sample 28

RNA Area:	142.2	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	1,540 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

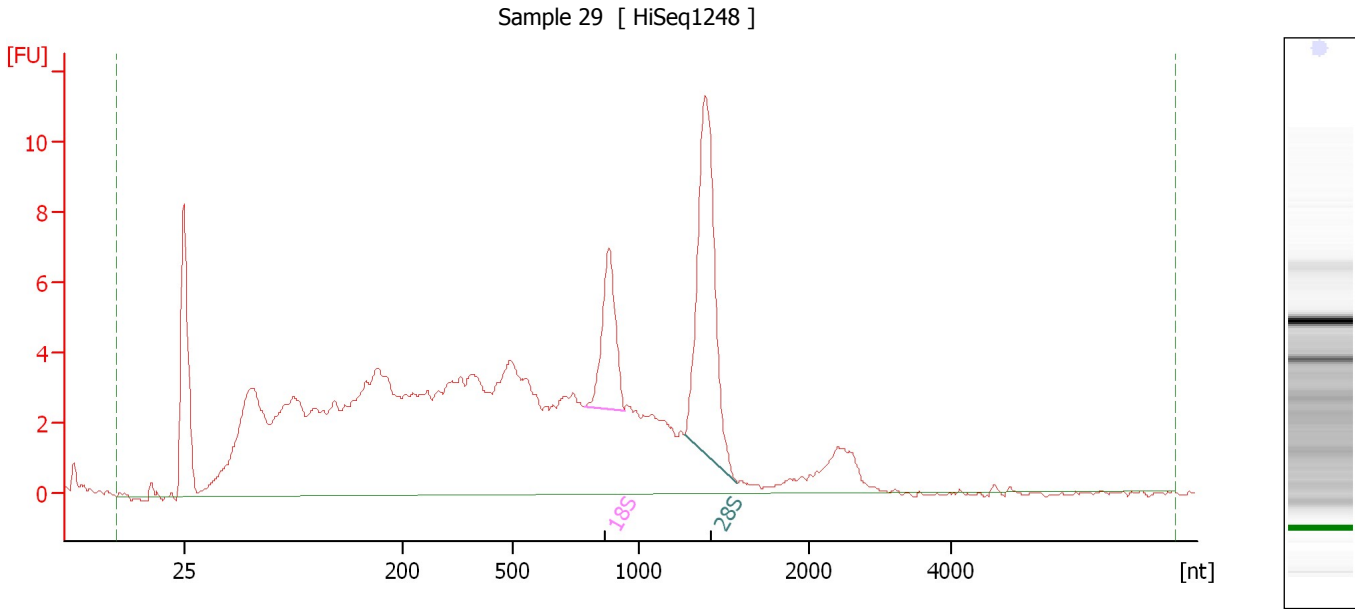
Fragment table for sample 6 : Sample 28

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	1,035	1,231	1.3	0.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sample 29

RNA Area:	212.2	RNA Integrity Number (RIN):	5.8 (B.02.08)
RNA Concentration:	2,297 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.6	Result Flagging Label:	RIN: 5.80

Fragment table for sample 7 : Sample 29

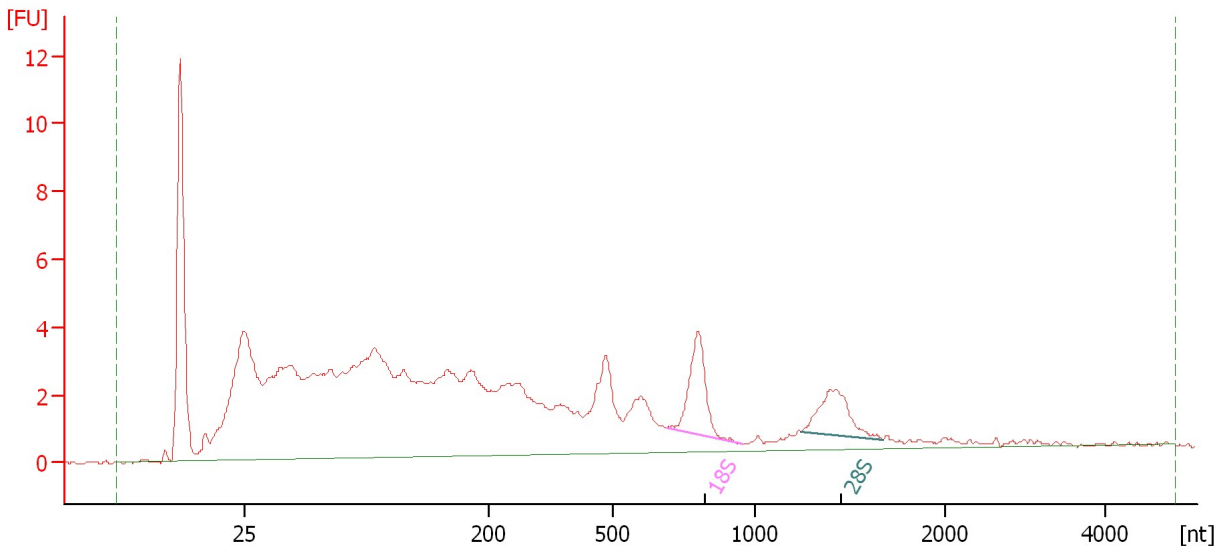
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	787	943	7.8	3.7
28S	1,268	1,584	20.3	9.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 30 [HiSeq1248]



Overall Results for sample 8 : Sample 30

RNA Area: 164.9 RNA Integrity Number (RIN): 5.1 (B.02.08,
RNA Concentration: 1,785 µg/µl Anomaly Threshold(s)
rRNA Ratio [28s / 18s]: 0.7 manually adapted)
Result Flagging Color:
Result Flagging Label: RIN: 5.10

Fragment table for sample 8 : Sample 30

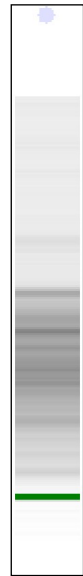
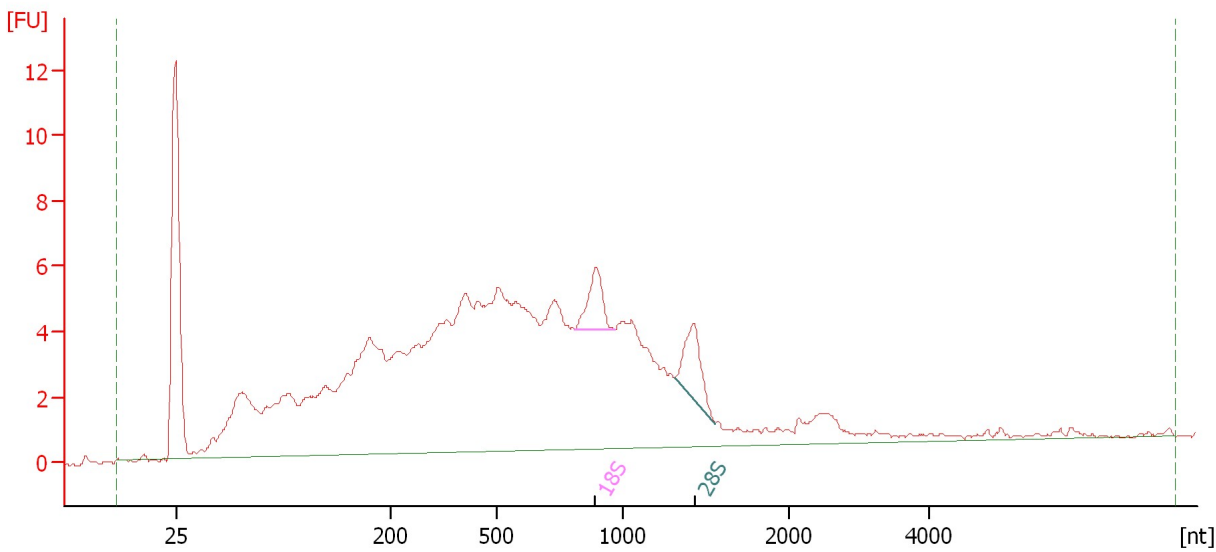
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	688	958	5.8	3.5
28S	1,241	1,673	4.2	2.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 31 [HiSeq1248]



Overall Results for sample 9 : Sample 31

RNA Area: 213.9 RNA Integrity Number (RIN): 3.5 (B.02.08)
RNA Concentration: 2,315 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 3.50

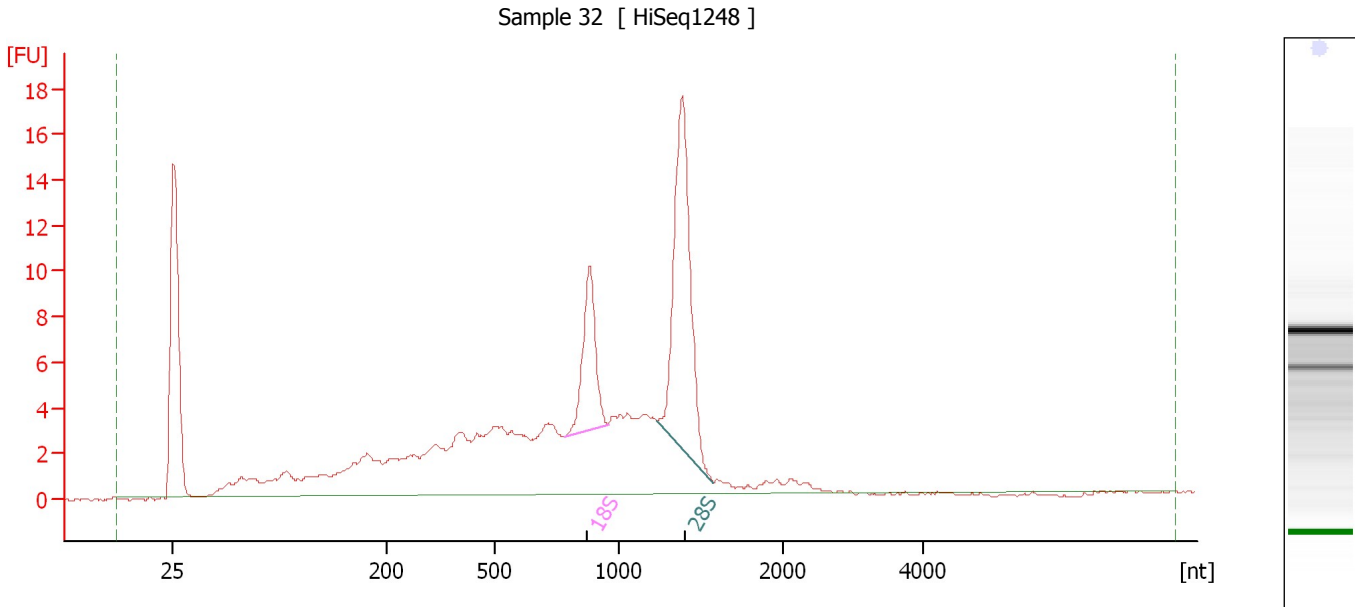
Fragment table for sample 9 : Sample 31

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	811	970	3.4	1.6
28S	1,321	1,559	4.2	2.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
 Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Sample 32

RNA Area:	168.0	RNA Integrity Number (RIN):	7.2 (B.02.08)
RNA Concentration:	1,819 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.5	Result Flagging Label:	RIN: 7.20

Fragment table for sample 10 : Sample 32

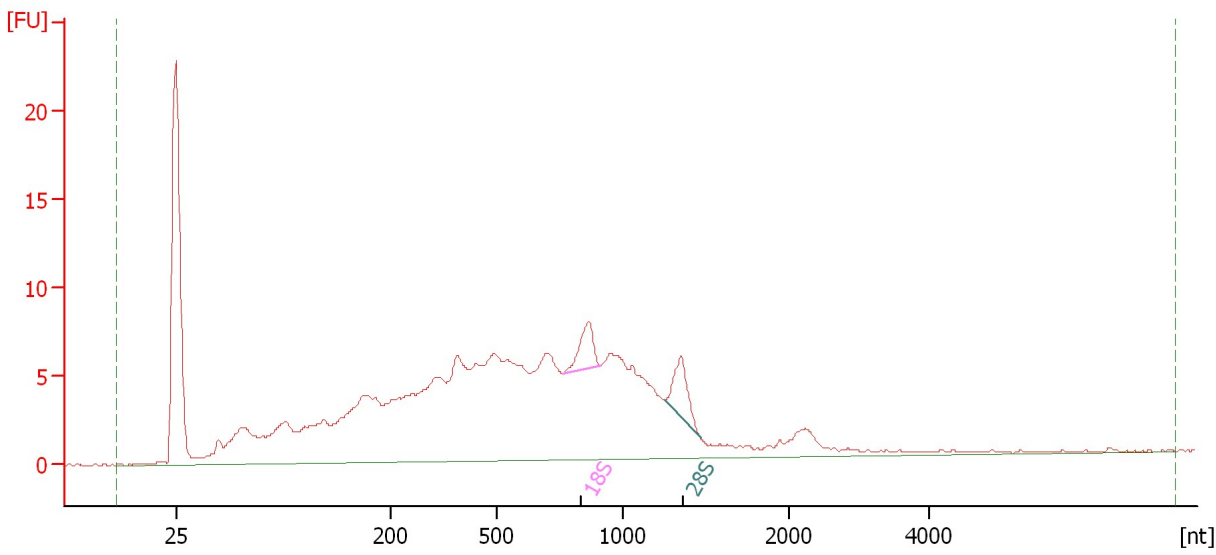
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	784	961	11.8	7.0
28S	1,238	1,574	29.3	17.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

Electropherogram Summary Continued ...

Sample 33 [HiSeq1248]



Overall Results for sample 11 : Sample 33

RNA Area:	259.9	RNA Integrity Number (RIN):	3.5 (B.02.08)
RNA Concentration:	2,813 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 3.50

Fragment table for sample 11 : Sample 33

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	764	910	4.7	1.8
28S	1,257	1,469	5.5	2.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-03\2018-01-03_004.xad

Created: 1/3/2018 12:46:31 PM
Modified: 1/3/2018 1:26:55 PM

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