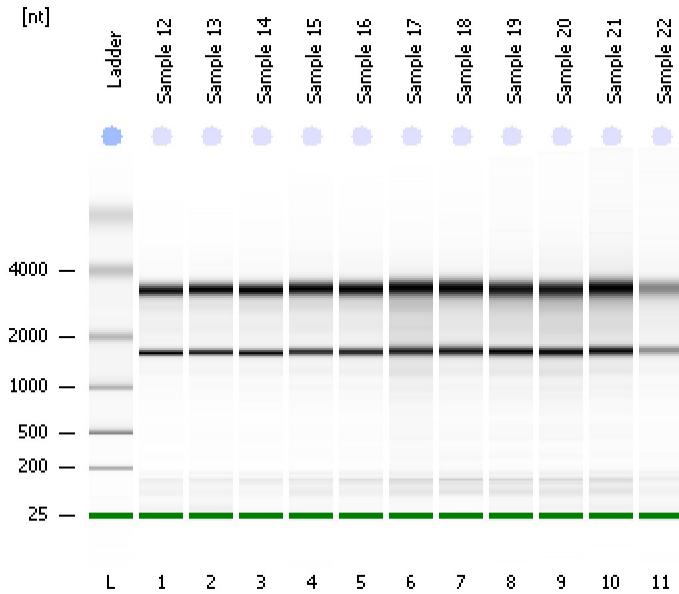


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electrophoresis File Run Summary



Instrument Information:

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

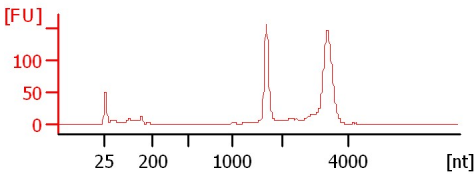
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA 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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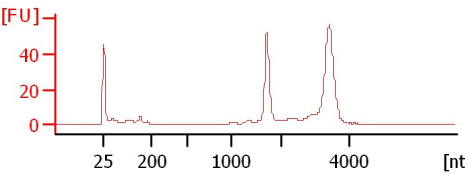
Chip Information:

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

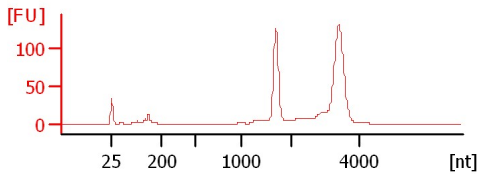
Sample 12
HiSeq1301 RNA QC
RIN: 9.70



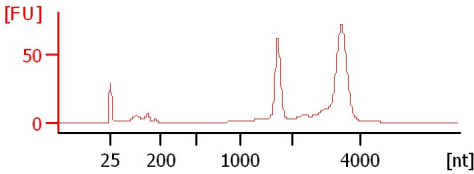
Sample 13
HiSeq1301 RNA QC
RIN: 10



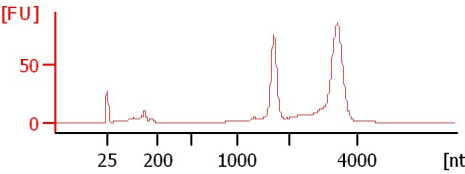
Sample 14
HiSeq1301 RNA QC
RIN: 9.70



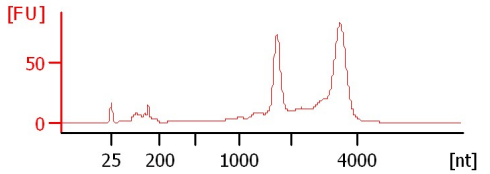
Sample 15
HiSeq1301 RNA QC
RIN: 9.90



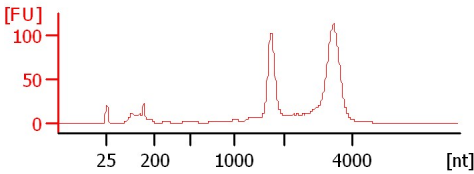
Sample 16
HiSeq1301 RNA QC
RIN: 9.80



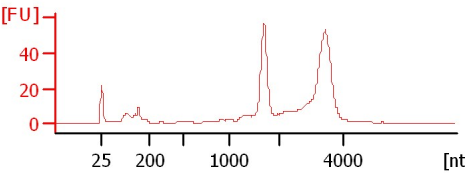
Sample 17
HiSeq1301 RNA QC
RIN: 9.50



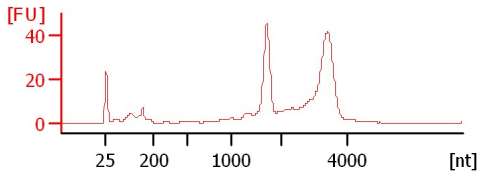
Sample 18
HiSeq1301 RNA QC
RIN: 9.70



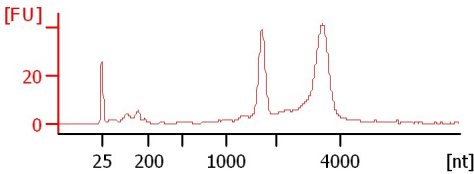
Sample 19
HiSeq1301 RNA QC
RIN: 9.60



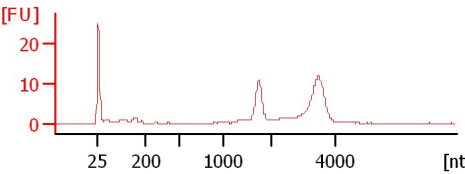
Sample 20
HiSeq1301 RNA QC
RIN: 9.30



Sample 21
HiSeq1301 RNA QC
RIN: 9.80



Sample 22
HiSeq1301 RNA QC
RIN: 9.70



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 12	HiSeq1301 RNA QC	✓	RIN: 9.70	
Sample 13	HiSeq1301 RNA QC	✓	RIN:10	
Sample 14	HiSeq1301 RNA QC	✓	RIN: 9.70	
Sample 15	HiSeq1301 RNA QC	✓	RIN: 9.90	
Sample 16	HiSeq1301 RNA QC	✓	RIN: 9.80	
Sample 17	HiSeq1301 RNA QC	✓	RIN: 9.50	
Sample 18	HiSeq1301 RNA QC	✓	RIN: 9.70	
Sample 19	HiSeq1301 RNA QC	✓	RIN: 9.60	
Sample 20	HiSeq1301 RNA QC	✓	RIN: 9.30	
Sample 21	HiSeq1301 RNA QC	✓	RIN: 9.80	
Sample 22	HiSeq1301 RNA QC	✓	RIN: 9.70	
Ladder		✓	All Other Samples	

Chip Lot #

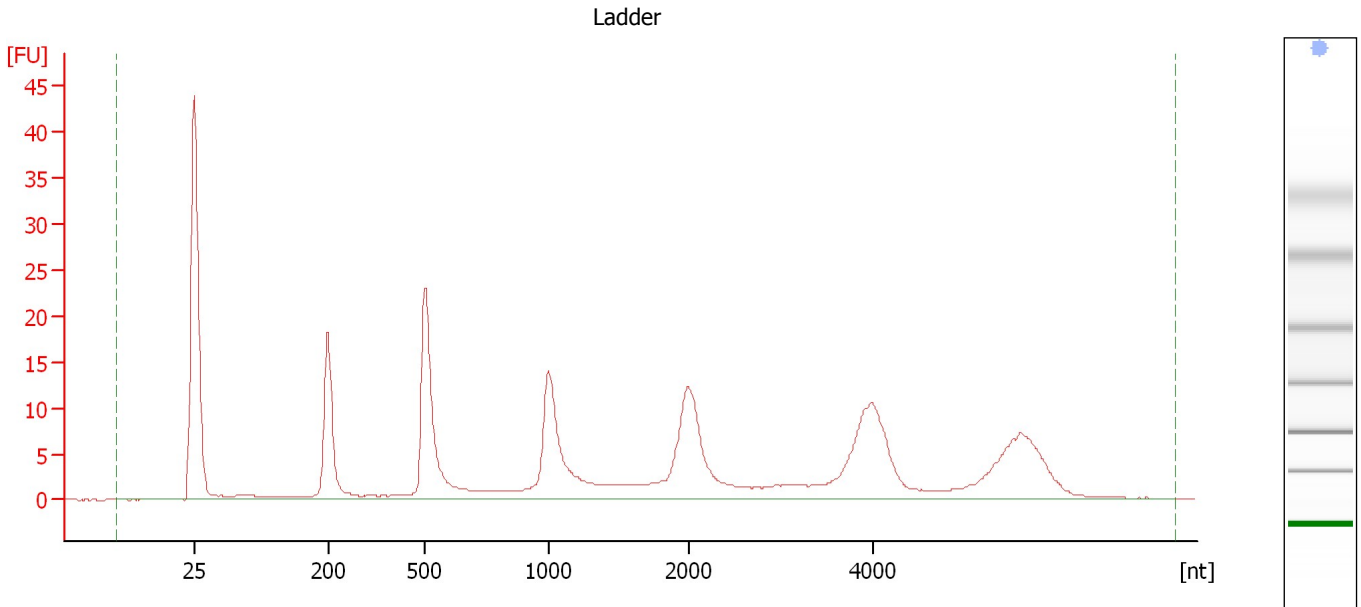
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary



Overall Results for Ladder

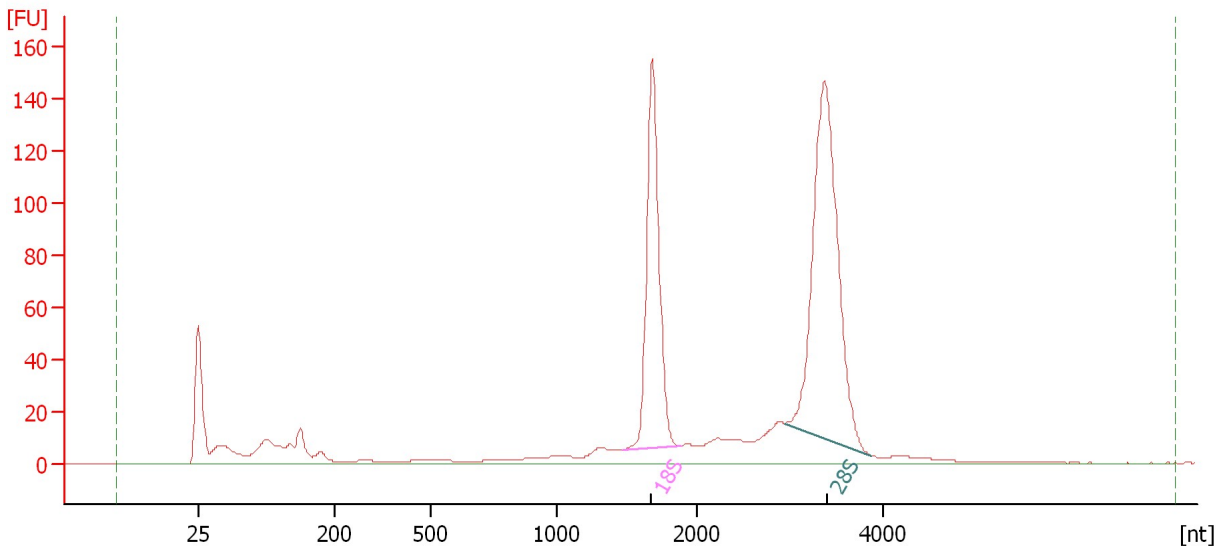
RNA Area:	251.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 12 [HiSeq1301 RNA QC]



Overall Results for sample 1 : Sample 12

RNA Area:	978.3	RNA Integrity Number (RIN):	9.7 (B.02.08)
RNA Concentration:	3,884 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.70

Fragment table for sample 1 : Sample 12

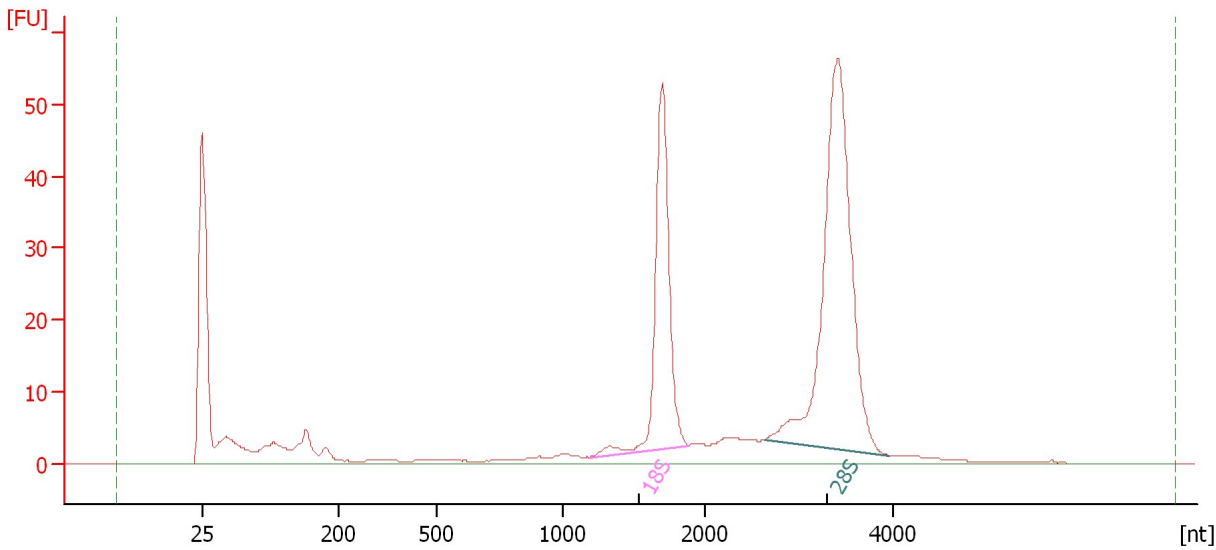
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,477	1,878	222.0	22.7
28S	2,956	3,867	347.7	35.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 13 [HiSeq1301 RNA QC]



Overall Results for sample 2 : Sample 13

RNA Area: 378.9 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 1,504 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN:10

Fragment table for sample 2 : Sample 13

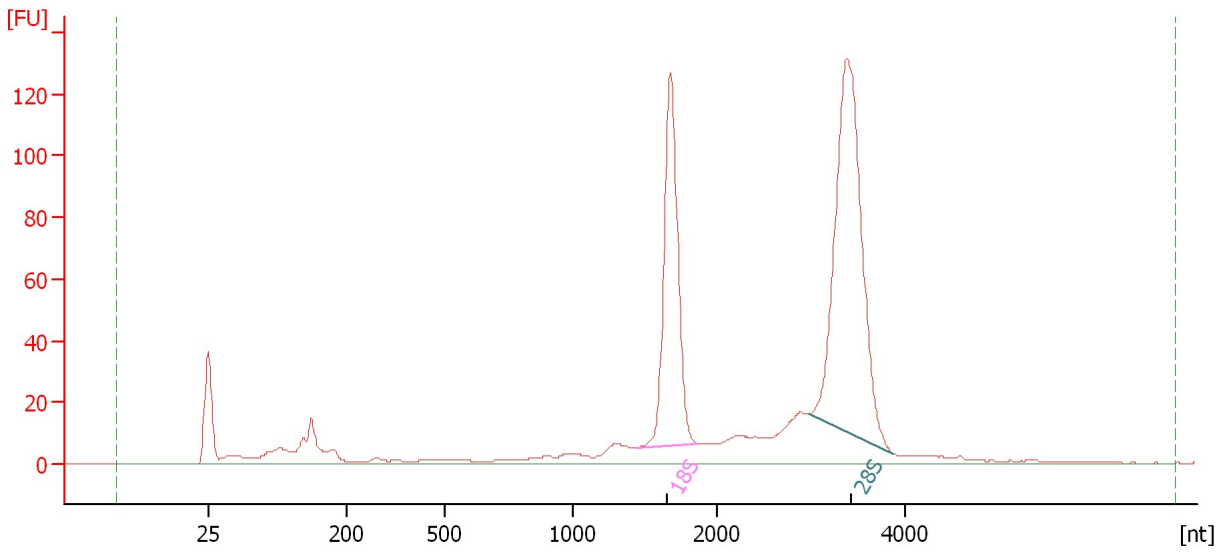
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,181	1,879	81.9	21.6
28S	2,628	3,965	152.6	40.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 14 [HiSeq1301 RNA QC]



Overall Results for sample 3 : Sample 14

RNA Area:	907.5	RNA Integrity Number (RIN):	9.7 (B.02.08)
RNA Concentration:	3,603 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.70

Fragment table for sample 3 : Sample 14

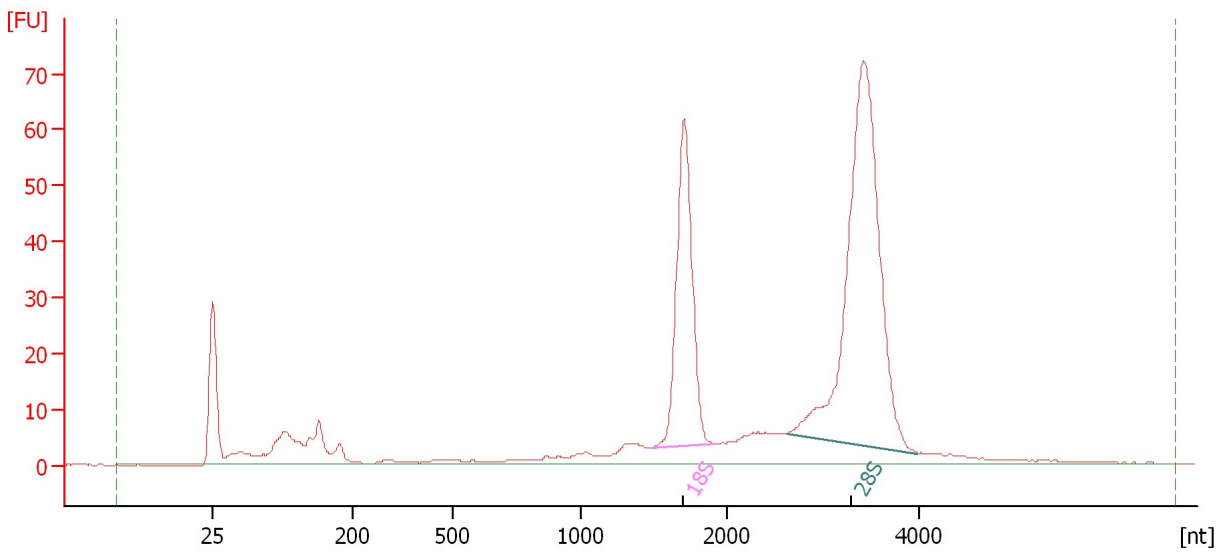
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,442	1,866	199.4	22.0
28S	2,983	3,865	323.3	35.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 15 [HiSeq1301 RNA QC]



Overall Results for sample 4 : Sample 15

RNA Area: 540.3 RNA Integrity Number (RIN): 9.9 (B.02.08)
RNA Concentration: 2,145 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.0 Result Flagging Label: RIN: 9.90

Fragment table for sample 4 : Sample 15

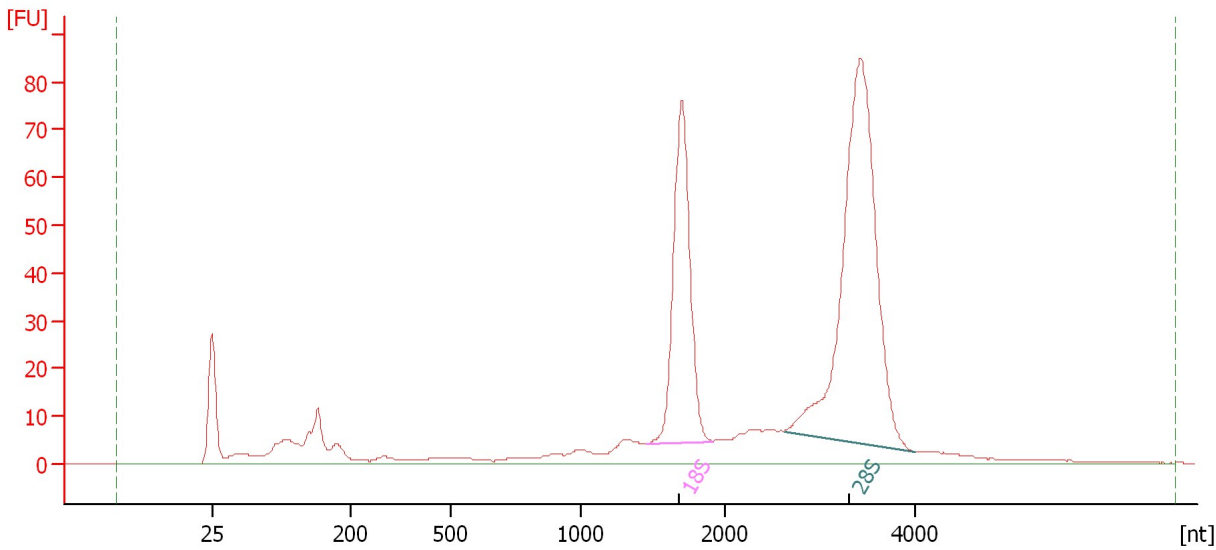
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,470	1,918	107.5	19.9
28S	2,626	3,991	218.3	40.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 16 [HiSeq1301 RNA QC]



Overall Results for sample 5 : Sample 16

RNA Area:	683.4	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	2,713 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.80

Fragment table for sample 5 : Sample 16

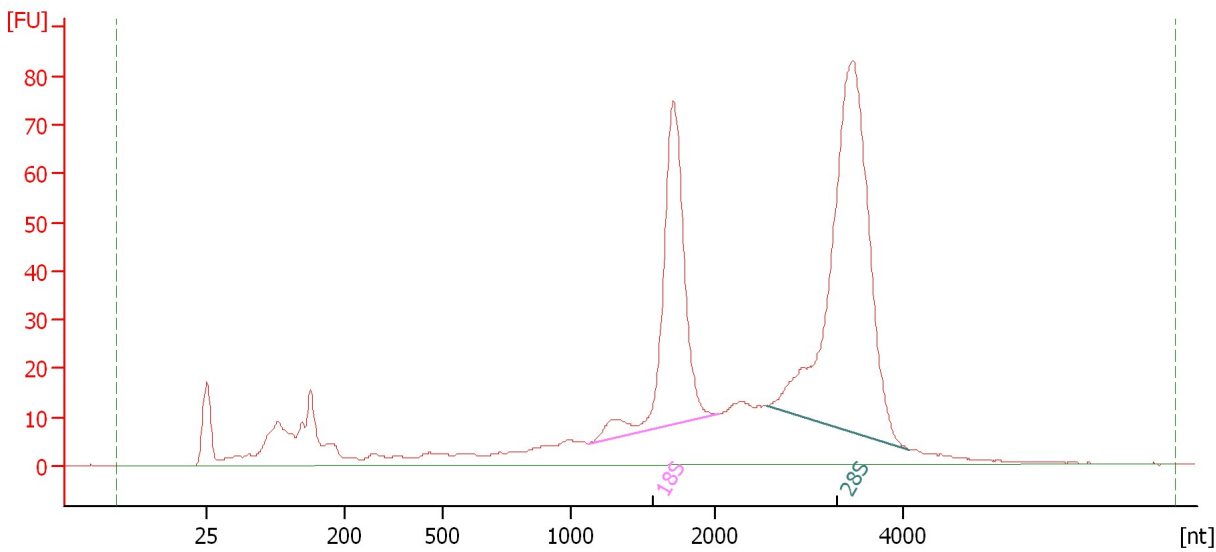
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,454	1,911	139.2	20.4
28S	2,627	3,995	267.3	39.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 17 [HiSeq1301 RNA QC]



Overall Results for sample 6 : Sample 17

RNA Area:	919.9	RNA Integrity Number (RIN):	9.5 (B.02.08)
RNA Concentration:	3,652 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 9.50

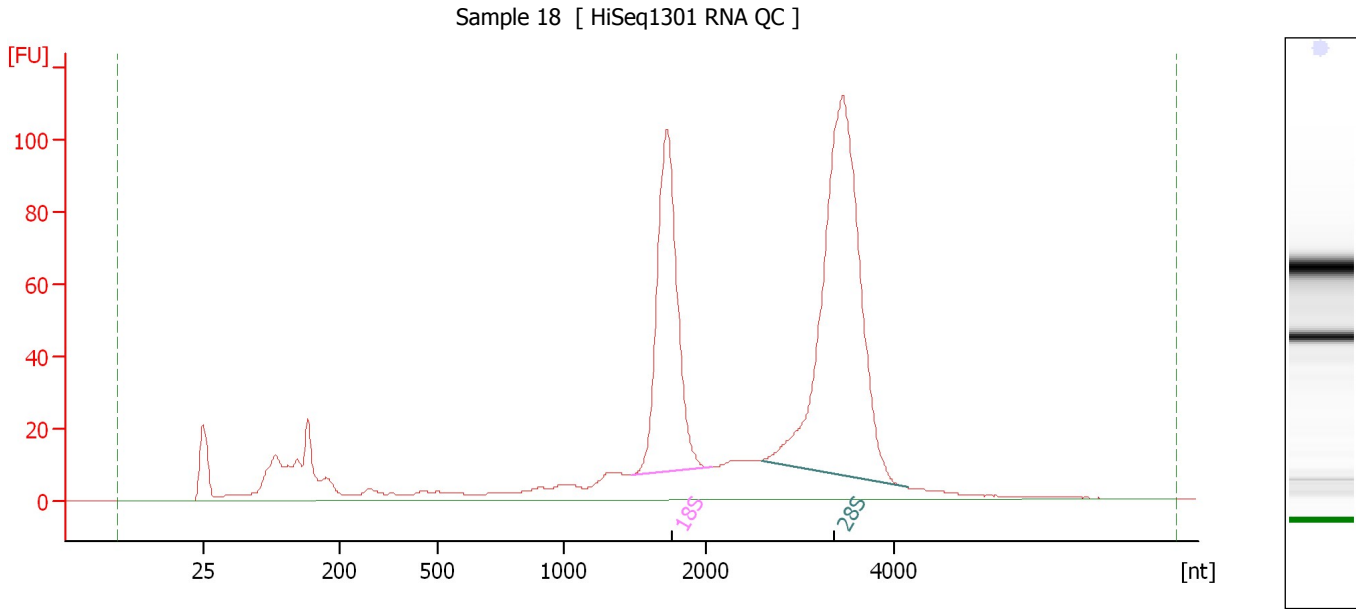
Fragment table for sample 6 : Sample 17

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,129	2,045	168.3	18.3
28S	2,555	4,073	293.5	31.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sample 18

RNA Area:	1,096.0	RNA Integrity Number (RIN):	9.7 (B.02.08)
RNA Concentration:	4,351 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.70

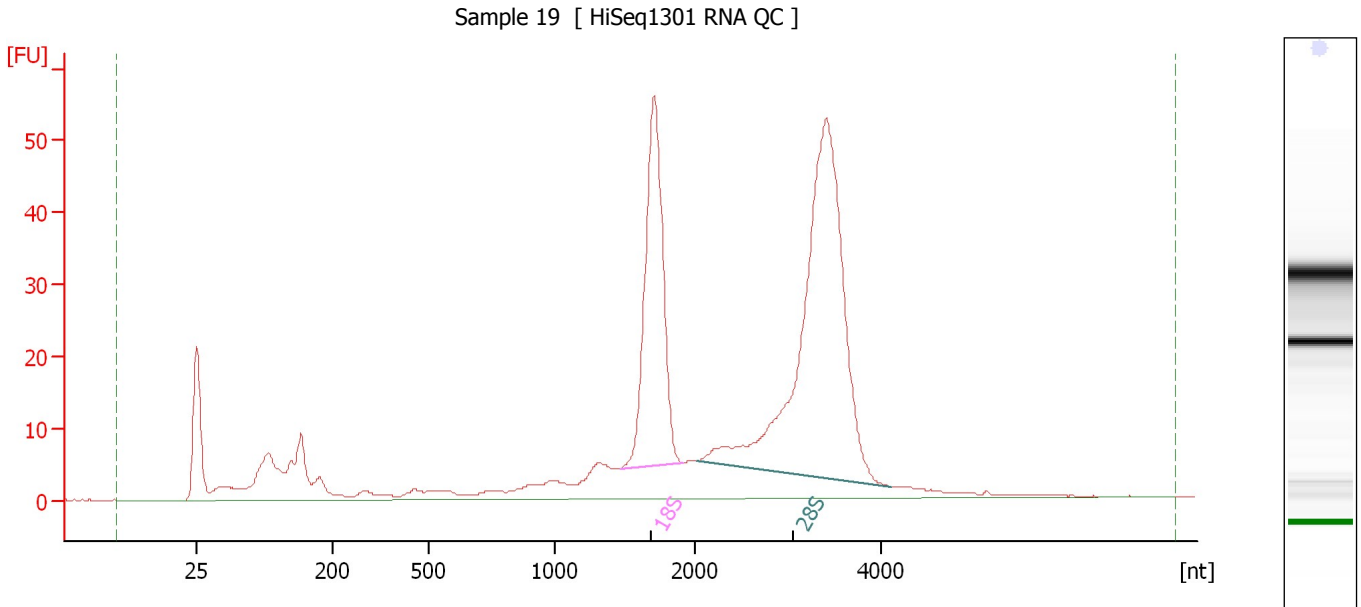
Fragment table for sample 7 : Sample 18

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,474	2,056	228.7	20.9
28S	2,582	4,148	401.7	36.7

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
 Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Sample 19

RNA Area:	552.9	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	2,195 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN: 9.60

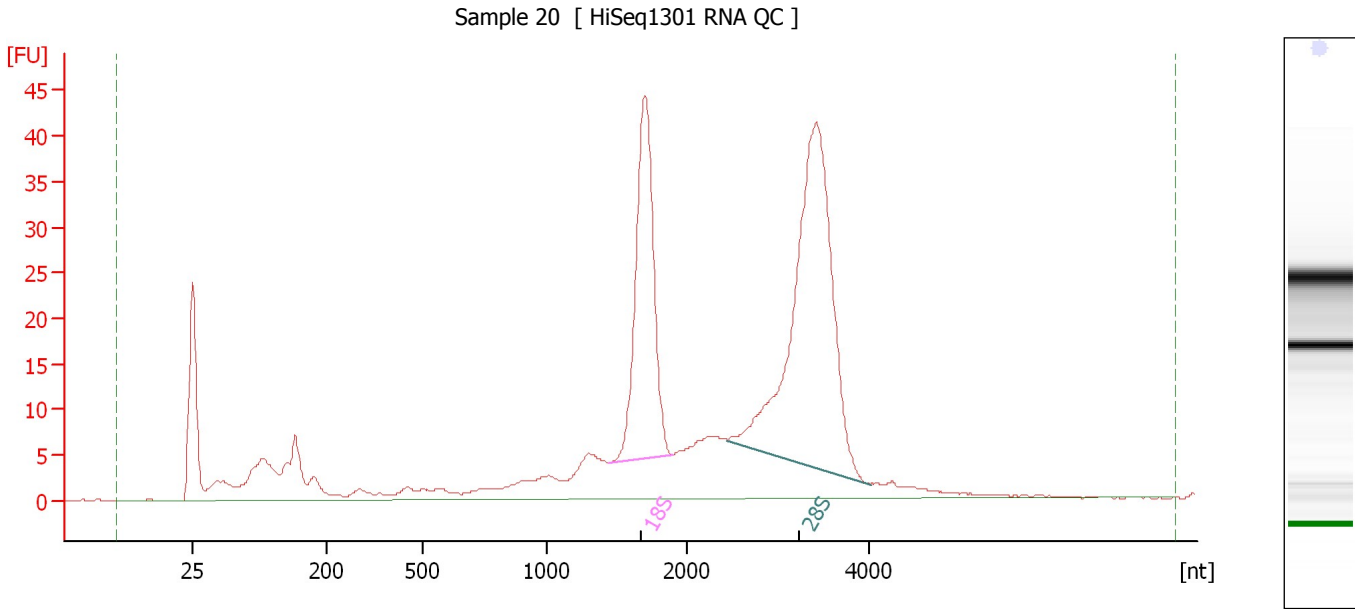
Fragment table for sample 8 : Sample 19

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,469	1,908	111.0	20.1
28S	2,011	4,114	216.7	39.2

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
 Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Sample 20

RNA Area:	479.7	RNA Integrity Number (RIN):	9.3 (B.02.08)
RNA Concentration:	1,904 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.30

Fragment table for sample 9 : Sample 20

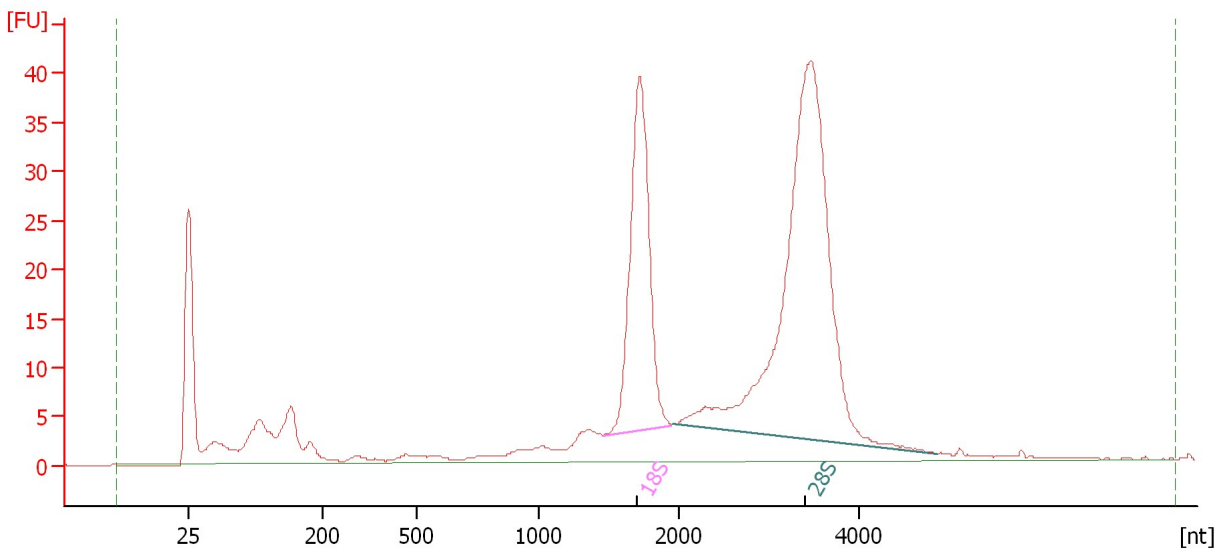
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,449	1,908	86.8	18.1
28S	2,442	4,004	153.1	31.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 21 [HiSeq1301 RNA QC]



Overall Results for sample 10 : Sample 21

RNA Area: 437.8 RNA Integrity Number (RIN): 9.8 (B.02.08)
RNA Concentration: 1,738 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.2 Result Flagging Label: RIN: 9.80

Fragment table for sample 10 : Sample 21

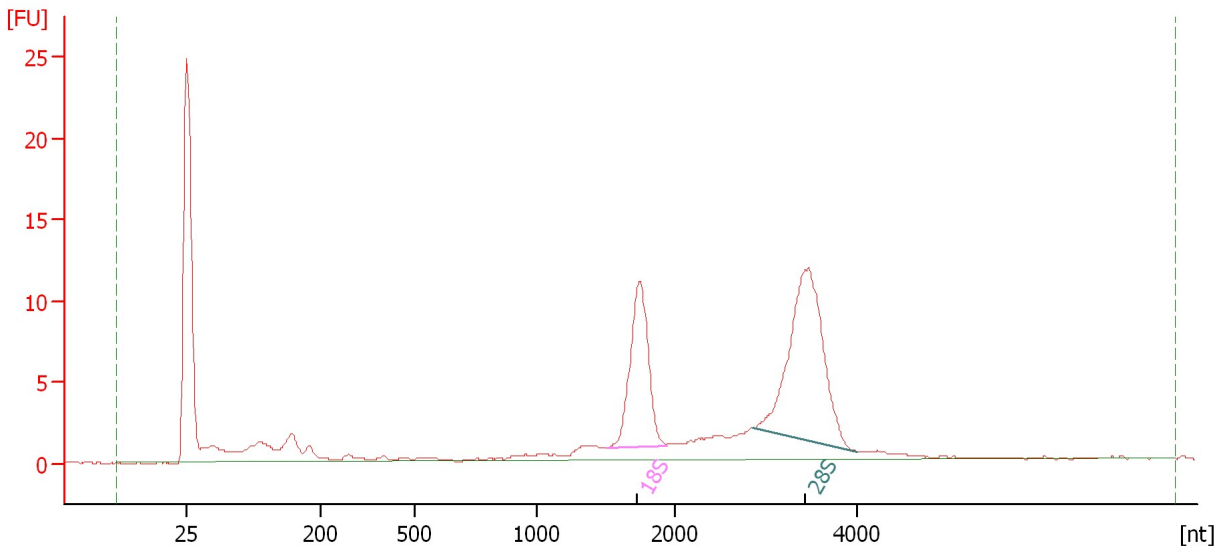
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,459	1,953	83.4	19.0
28S	1,969	4,856	180.1	41.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Electropherogram Summary Continued ...

Sample 22 [HiSeq1301 RNA QC]



Overall Results for sample 11 : Sample 22

RNA Area: 120.9 RNA Integrity Number (RIN): 9.7 (B.02.08)
RNA Concentration: 480 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.7 Result Flagging Label: RIN: 9.70

Fragment table for sample 11 : Sample 22

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,505	1,930	22.6	18.7
28S	2,860	4,002	37.8	31.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_004.xad

Created: 2/23/2018 1:12:10 PM
Modified: 2/23/2018 1:34:21 PM

Gel Image

