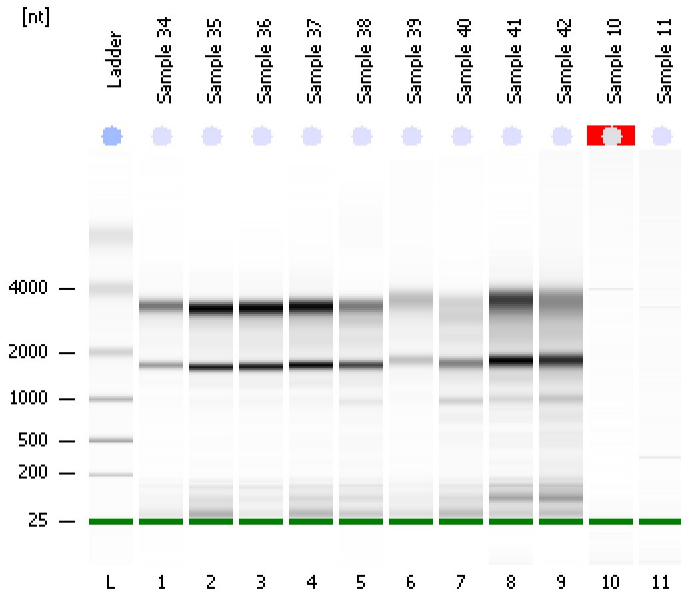


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electrophoresis File Run Summary



Instrument Information:

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

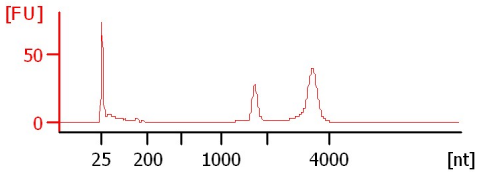
Assay Information:

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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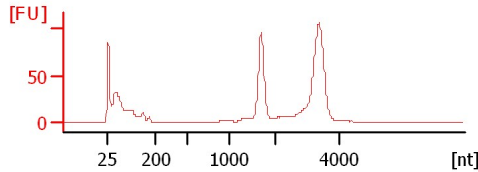
Chip Information:

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

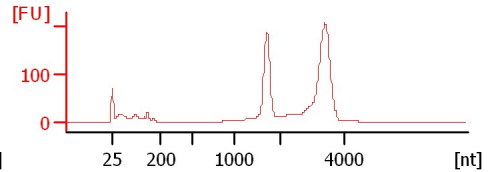
Sample 34
HiSeq1301_RNA QC
RIN:10



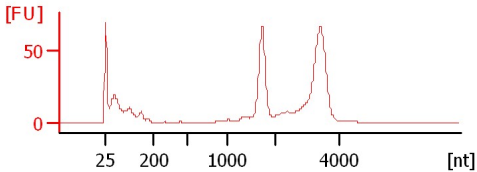
Sample 35
HiSeq1301_RNA QC
RIN: 9.90



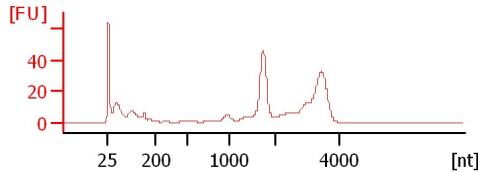
Sample 36
HiSeq1301_RNA QC
RIN: 9.80



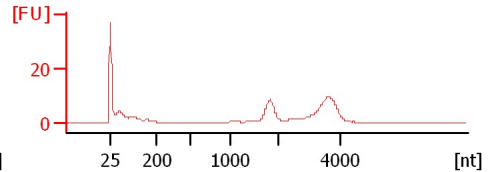
Sample 37
HiSeq1301_RNA QC
RIN: 9.90



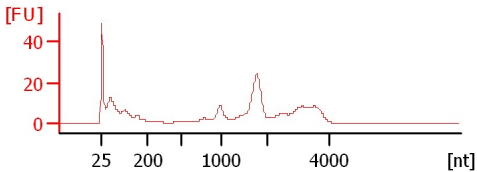
Sample 38
HiSeq1301_RNA QC
RIN: 9.60



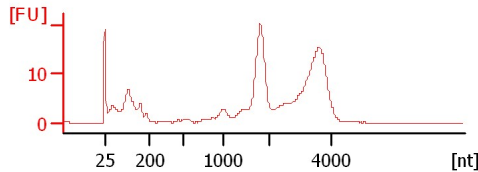
Sample 39
HiSeq1301_RNA QC
RIN: 9.40



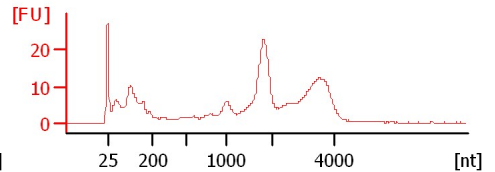
Sample 40
HiSeq1301_RNA QC
RIN: 7.80



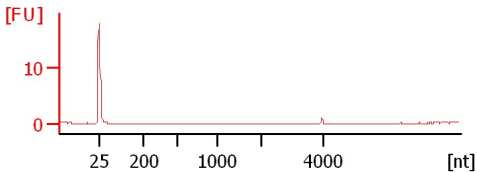
Sample 41
HiSeq1301_RNA QC
RIN: 9.60



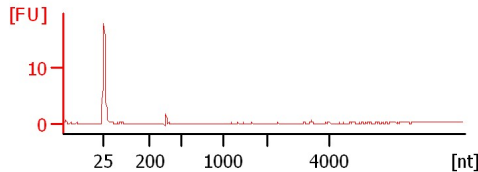
Sample 42
HiSeq1301_RNA QC
RIN: 8.60



Sample 10
HiSeq1301_RNA QC
RIN N/A



Sample 11
HiSeq1301_RNA QC
RIN: 1.10



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 34	HiSeq1301_RNA QC	✓	RIN:10	
Sample 35	HiSeq1301_RNA QC	✓	RIN: 9.90	
Sample 36	HiSeq1301_RNA QC	✓	RIN: 9.80	
Sample 37	HiSeq1301_RNA QC	✓	RIN: 9.90	
Sample 38	HiSeq1301_RNA QC	✓	RIN: 9.60	
Sample 39	HiSeq1301_RNA QC	✓	RIN: 9.40	
Sample 40	HiSeq1301_RNA QC	✓	RIN: 7.80	
Sample 41	HiSeq1301_RNA QC	✓	RIN: 9.60	
Sample 42	HiSeq1301_RNA QC	✓	RIN: 8.60	
Sample 10	HiSeq1301_RNA QC	✓	RIN N/A	
Sample 11	HiSeq1301_RNA QC	✓	RIN: 1.10	
Ladder		✓	All Other Samples	

Chip Lot #

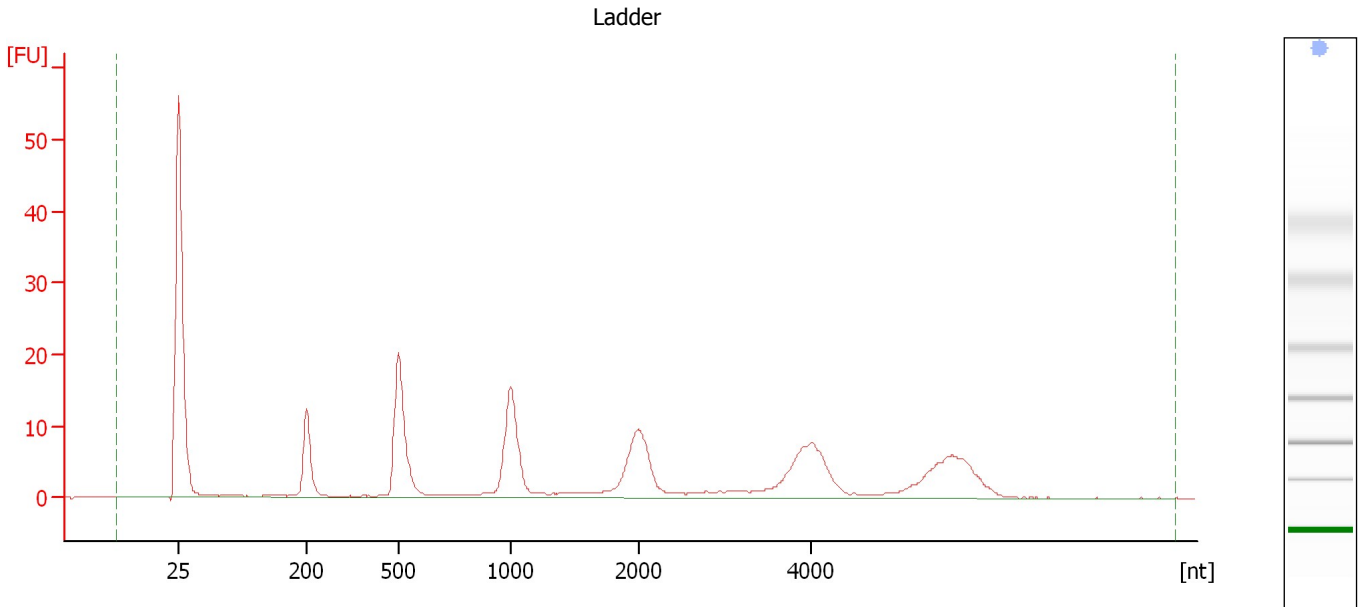
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary



Overall Results for Ladder

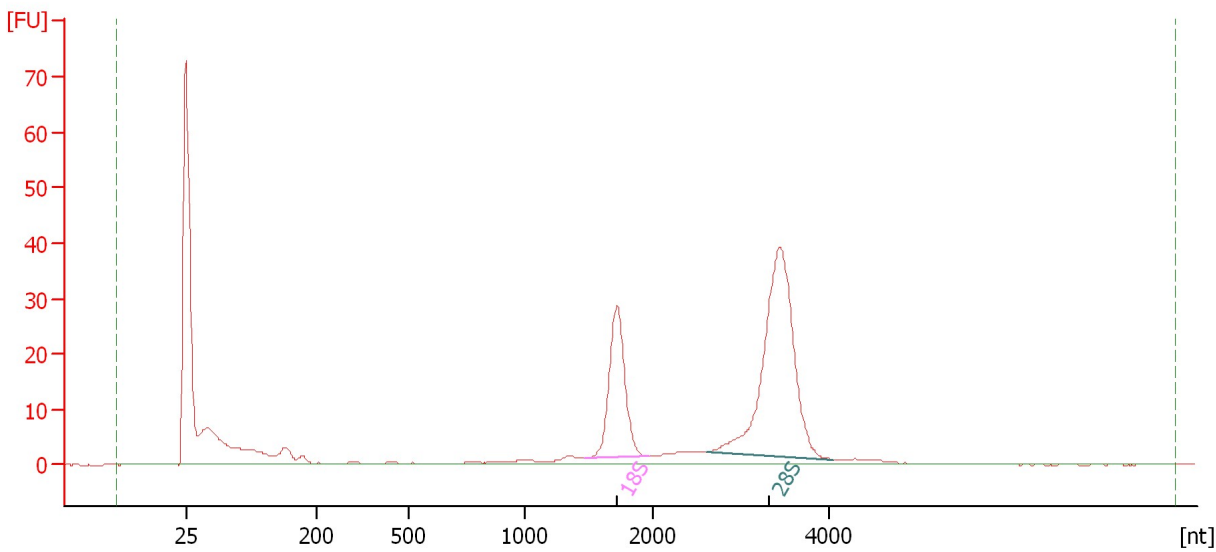
RNA Area:	194.3	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 34 [HiSeq1301_RNA QC]



Overall Results for sample 1 : Sample 34

RNA Area:	296.8	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	1,527 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.3	Result Flagging Label:	RIN:10

Fragment table for sample 1 : Sample 34

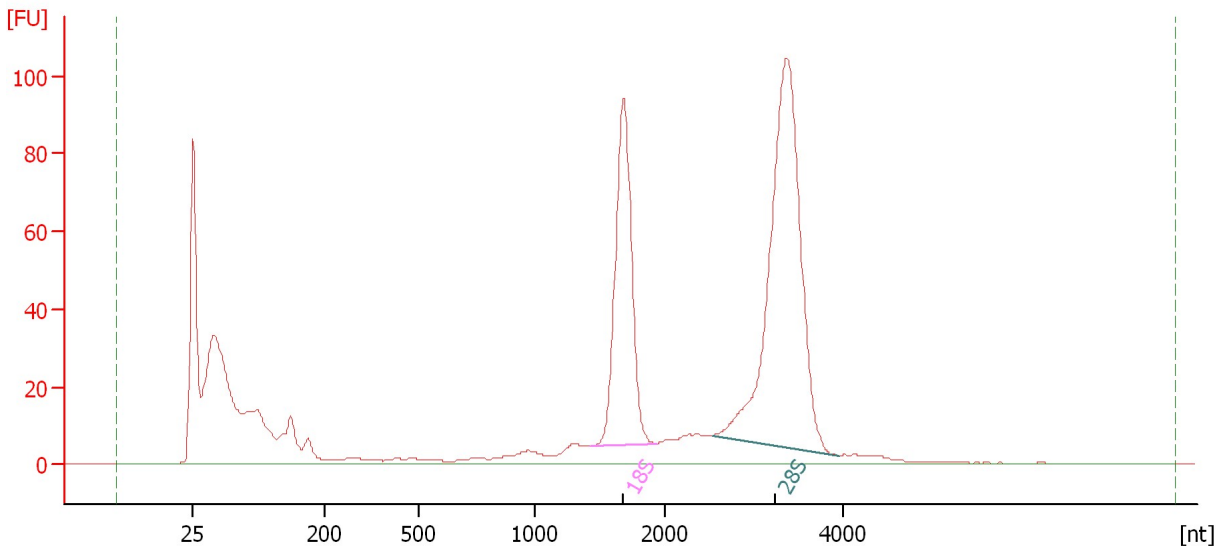
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,464	1,960	53.6	18.1
28S	2,611	4,045	121.7	41.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 35 [HiSeq1301_RNA QC]



Overall Results for sample 2 : Sample 35

RNA Area:	1,009.5	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	5,194 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.90

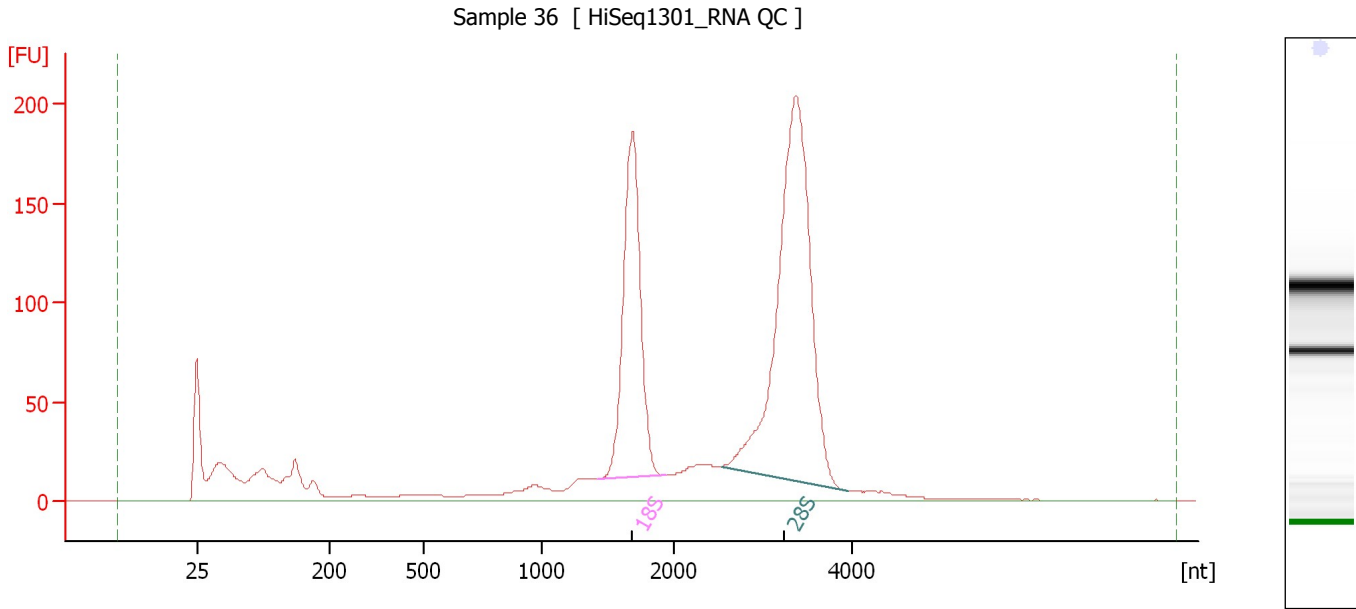
Fragment table for sample 2 : Sample 35

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,424	1,938	180.5	17.9
28S	2,522	3,949	332.7	33.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 36

RNA Area:	1,769.4	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	9,105 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.80

Fragment table for sample 3 : Sample 36

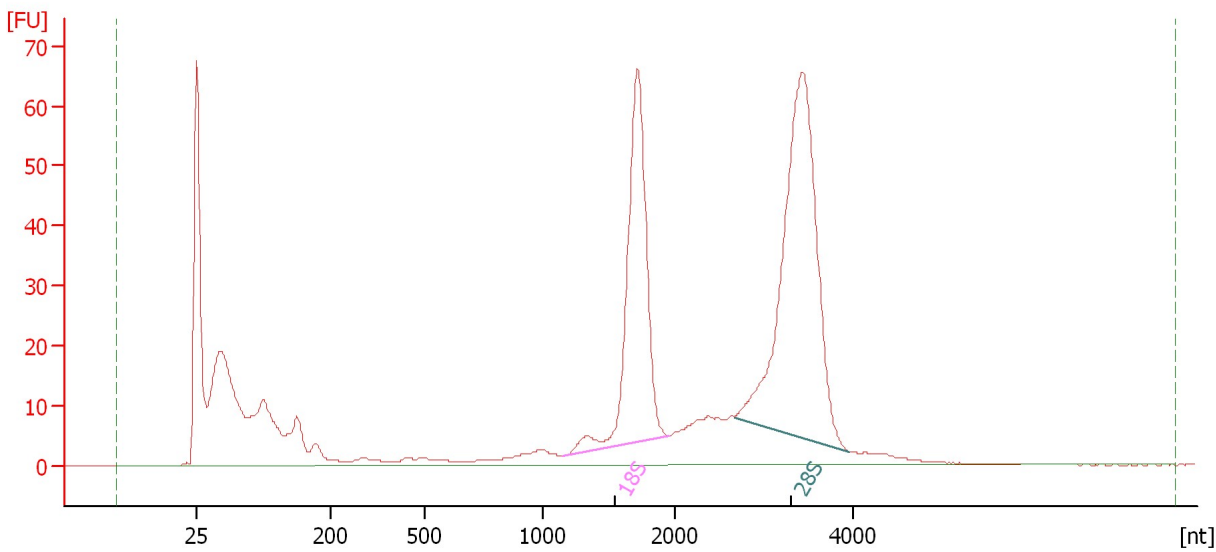
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,437	1,948	369.9	20.9
28S	2,555	3,950	672.3	38.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 37 [HiSeq1301_RNA QC]



Overall Results for sample 4 : Sample 37

RNA Area:	739.6	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	3,806 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.90

Fragment table for sample 4 : Sample 37

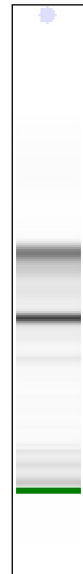
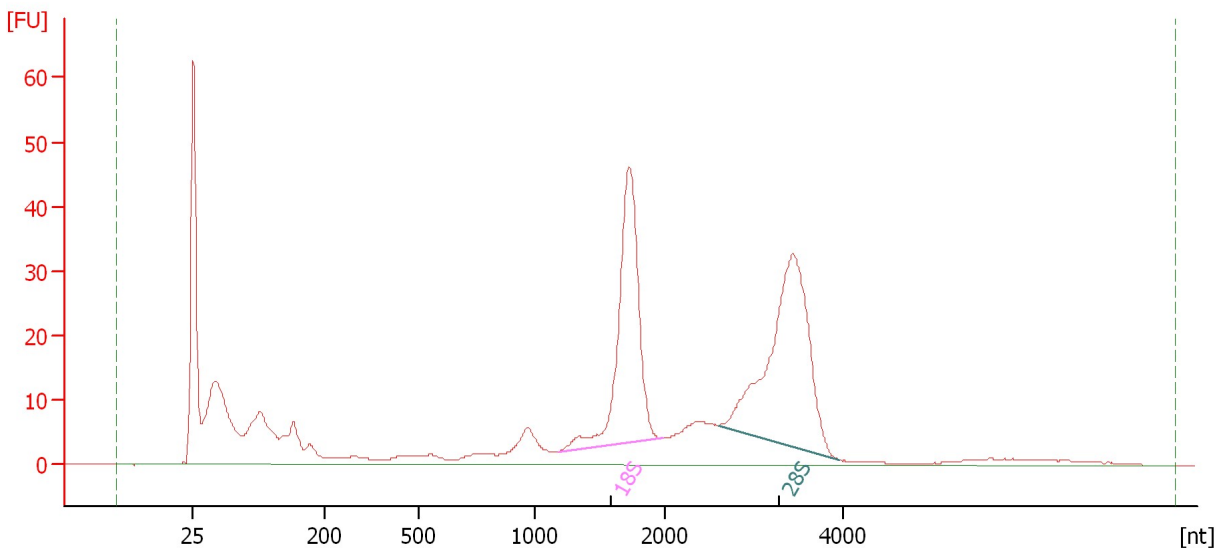
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,155	1,965	147.0	19.9
28S	2,674	3,958	217.5	29.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 38 [HiSeq1301_RNA QC]



Overall Results for sample 5 : Sample 38

RNA Area:	531.6	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	2,735 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 9.60

Fragment table for sample 5 : Sample 38

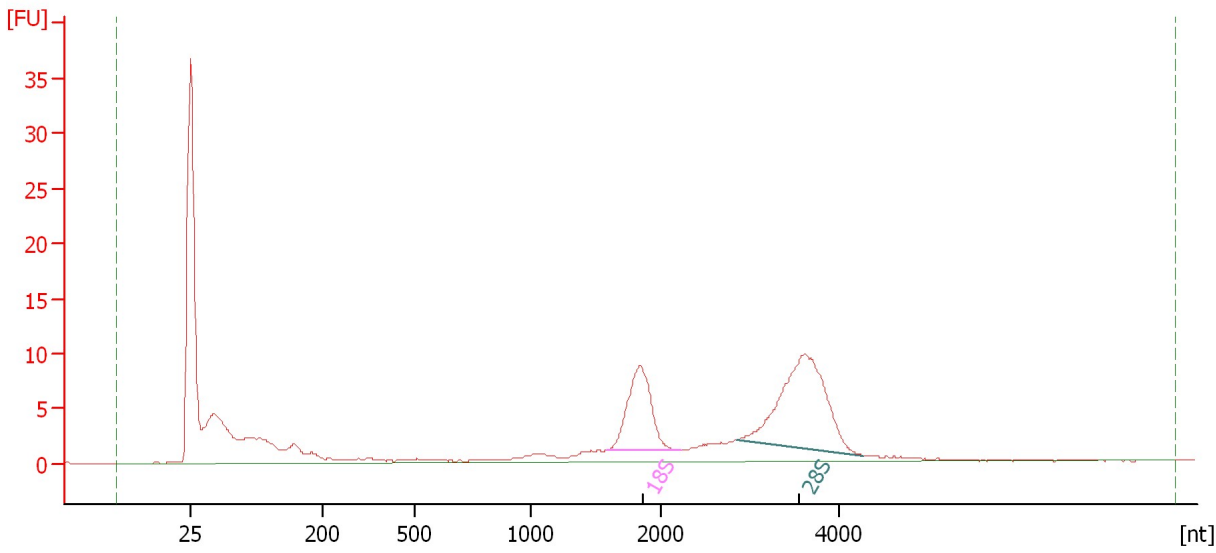
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,187	1,971	106.0	19.9
28S	2,594	3,949	125.5	23.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 39 [HiSeq1301_RNA QC]



Overall Results for sample 6 : Sample 39

RNA Area: 157.3 RNA Integrity Number (RIN): 9.4 (B.02.08)
RNA Concentration: 809 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN: 9.40

Fragment table for sample 6 : Sample 39

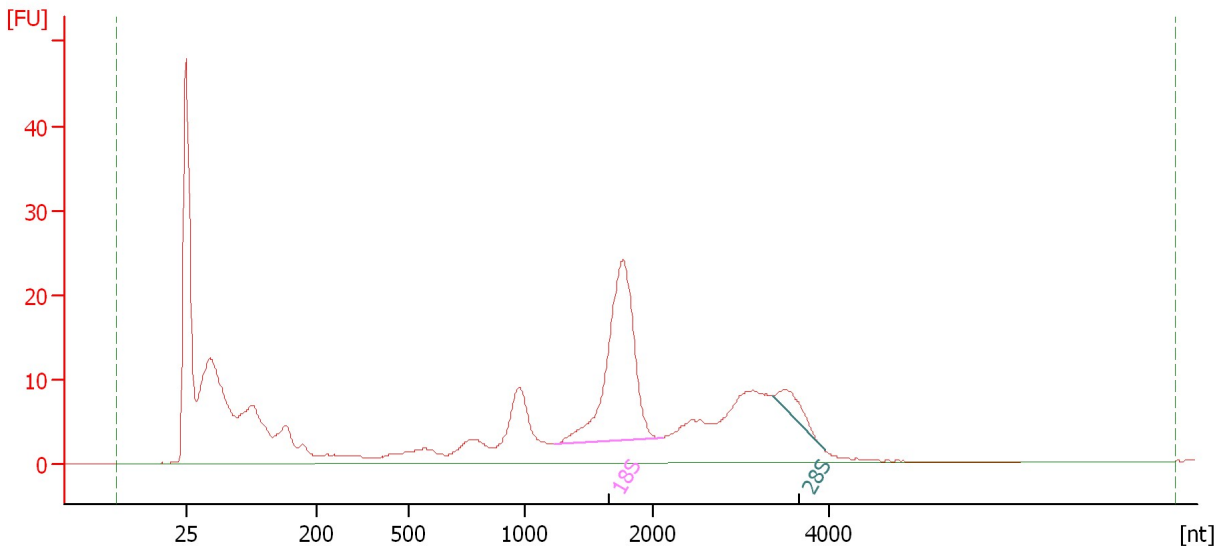
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,585	2,210	22.2	14.1
28S	2,860	4,270	41.2	26.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 40 [HiSeq1301_RNA QC]



Overall Results for sample 7 : Sample 40

RNA Area:	385.8	RNA Integrity Number (RIN):	7.8 (B.02.08)
RNA Concentration:	1,985 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN: 7.80

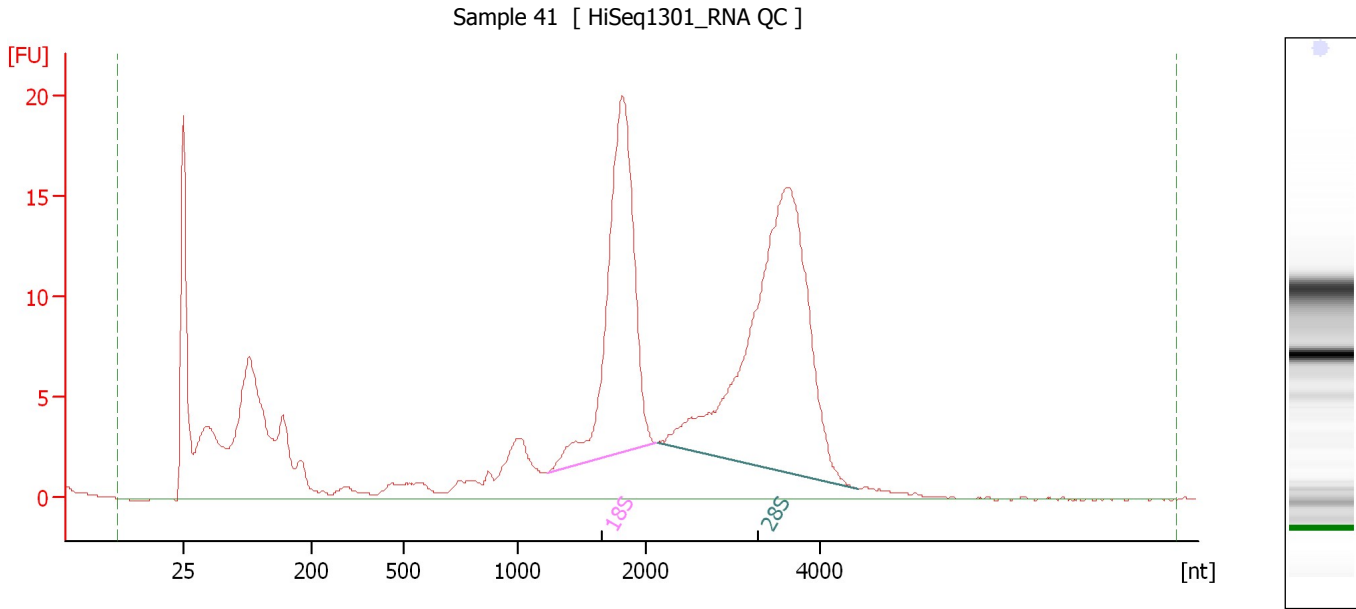
Fragment table for sample 7 : Sample 40

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,241	2,100	71.4	18.5
28S	3,364	3,948	6.7	1.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Sample 41

RNA Area: 308.4 RNA Integrity Number (RIN): 9.6 (B.02.08)
RNA Concentration: 1,587 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.5 Result Flagging Label: RIN: 9.60

Fragment table for sample 8 : Sample 41

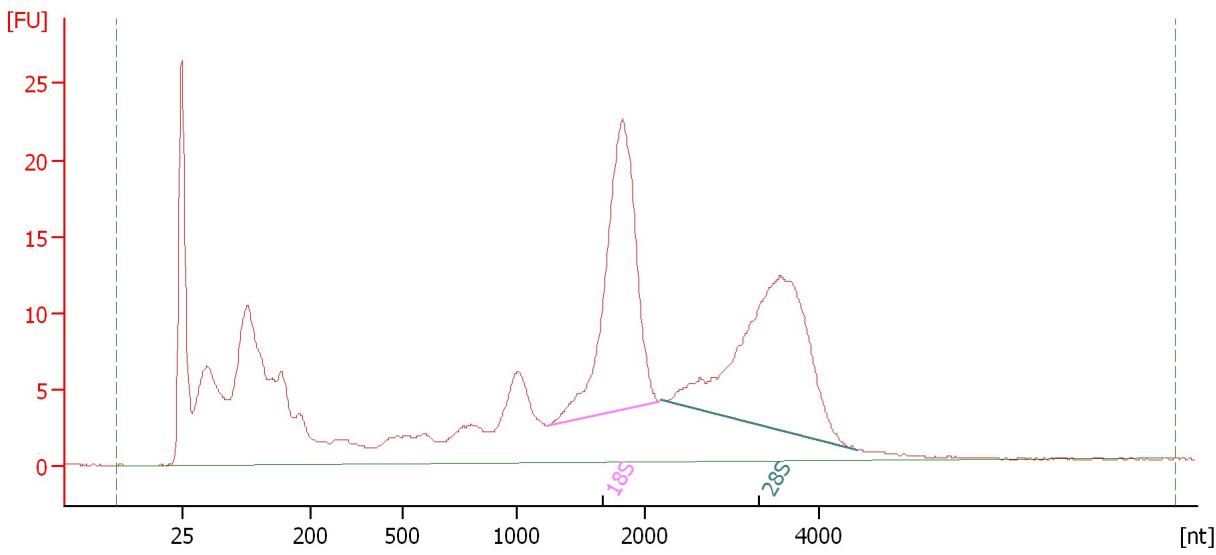
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,241	2,111	58.9	19.1
28S	2,136	4,429	90.9	29.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 42 [HiSeq1301_RNA QC]



Overall Results for sample 9 : Sample 42

RNA Area:	426.7	RNA Integrity Number (RIN):	8.6 (B.02.08)
RNA Concentration:	2,196 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.0	Result Flagging Label:	RIN: 8.60

Fragment table for sample 9 : Sample 42

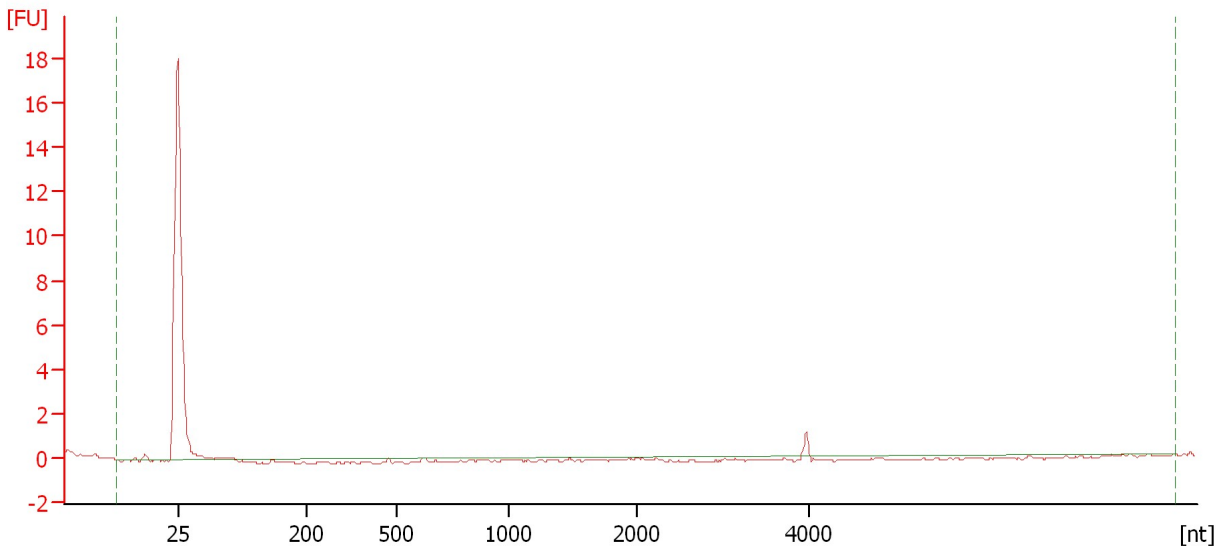
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,241	2,160	73.0	17.1
28S	2,185	4,429	76.1	17.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 10 [HiSeq1301_RNA QC]



Overall Results for sample 10 : Sample 10

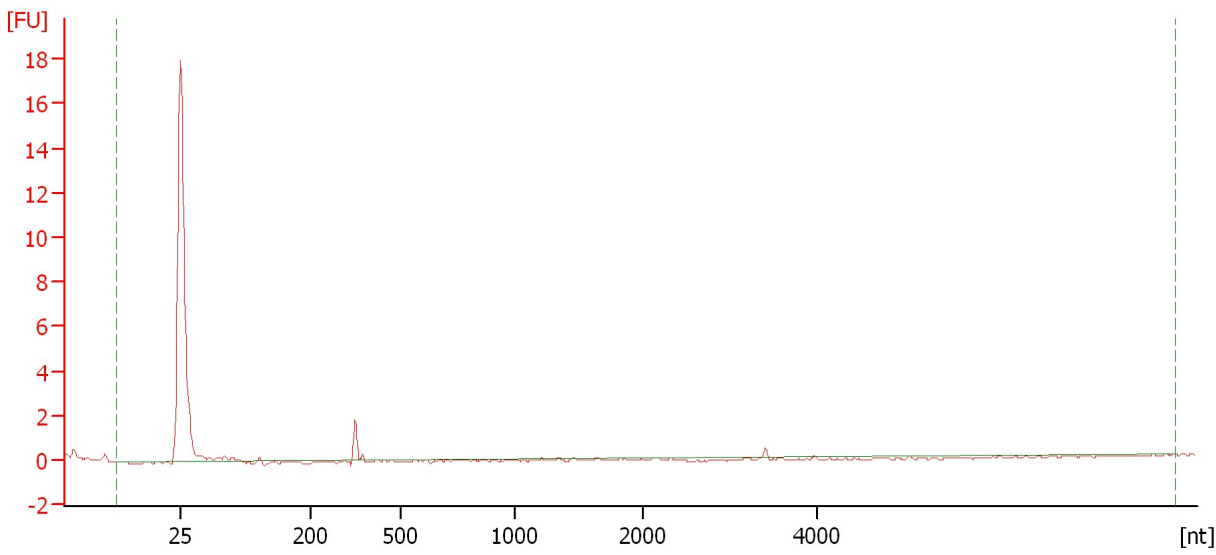
RNA Area:	1.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	7 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Electropherogram Summary Continued ...

Sample 11 [HiSeq1301_RNA QC]



Overall Results for sample 11 : Sample 11

RNA Area:	3.1	RNA Integrity Number (RIN):	1.1 (B.02.08)
RNA Concentration:	16 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-26\2018-02-26_002.xad

Created: 2/26/2018 12:23:30 PM
Modified: 2/26/2018 12:45:31 PM

Gel Image

