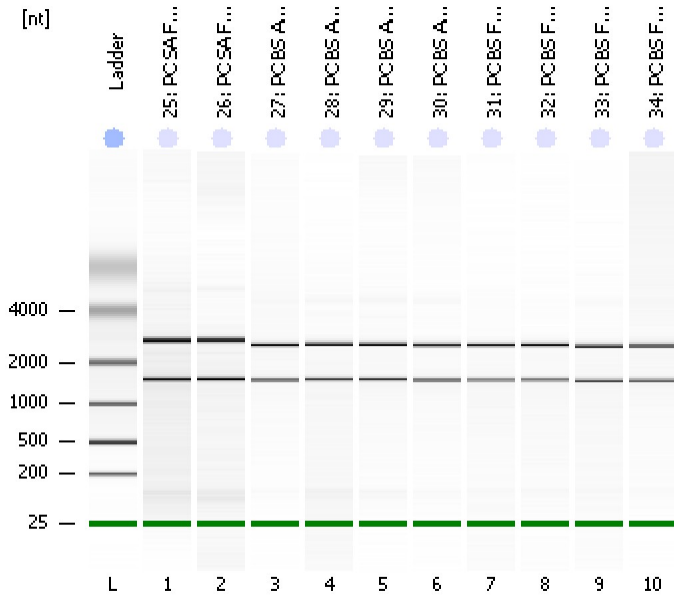


Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electrophoresis File Run Summary



Instrument Information:

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

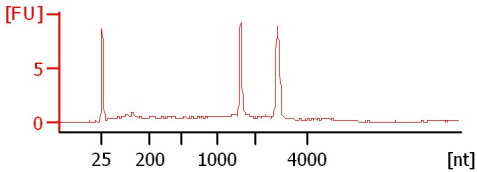
Assay Information:

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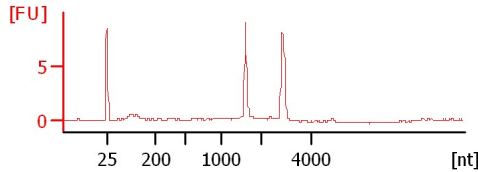
Chip Information:

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

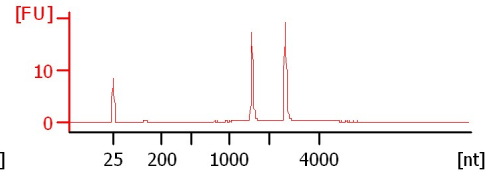
25: PC SA FROZEN13 RNA
 HiSeq1027 tot RNA QC
 RIN: 7.70



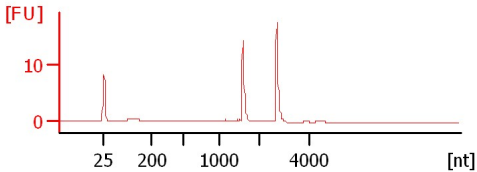
26: PC SA FROZEN14 RNA
 HiSeq1027 tot RNA QC
 RIN: 8.80



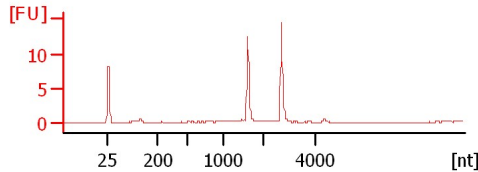
27: PC BS ASAP2 RNA
 HiSeq1027 tot RNA QC
 RIN: 9.30



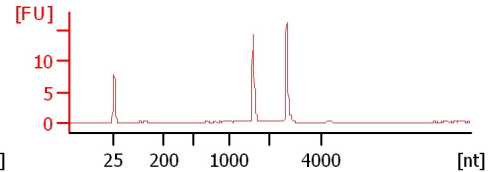
28: PC BS ASAP3 RNA
 HiSeq1027 tot RNA QC
 RIN: 9.30



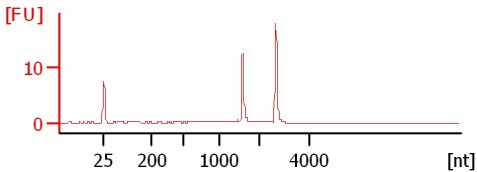
29: PC BS ASAP6 RNA
 HiSeq1027 tot RNA QC
 RIN: 8.70



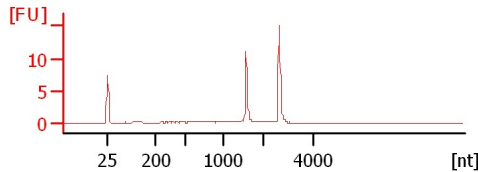
30: PC BS ASAP7 RNA
 HiSeq1027 tot RNA QC
 RIN: 9.20



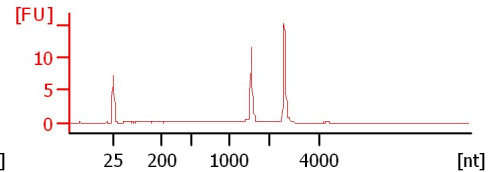
31: PC BS FROZEN11 RNA
 HiSeq1027 tot RNA QC
 RIN: 9.10



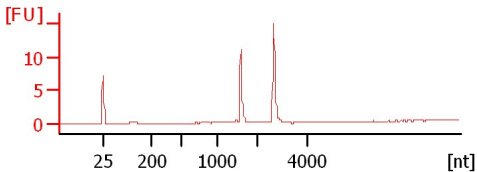
32: PC BS FROZEN12 RNA
 HiSeq1027 tot RNA QC
 RIN: 8.40



33: PC BS FROZEN13 RNA
 HiSeq1027 tot RNA QC
 RIN: 8.60



34: PC BS FROZEN14 RNA
 HiSeq1027 tot RNA QC
 RIN: 9.90



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
Modified: 6/27/2017 9:57:51 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
25: PC SA FROZEN13 RNA	HiSeq1027 tot RNA QC	✓	RIN: 7.70	
26: PC SA FROZEN14 RNA	HiSeq1027 tot RNA QC	✓	RIN: 8.80	
27: PC BS ASAP2 RNA	HiSeq1027 tot RNA QC	✓	RIN: 9.30	
28: PC BS ASAP3 RNA	HiSeq1027 tot RNA QC	✓	RIN: 9.30	
29: PC BS ASAP6 RNA	HiSeq1027 tot RNA QC	✓	RIN: 8.70	
30: PC BS ASAP7 RNA	HiSeq1027 tot RNA QC	✓	RIN: 9.20	
31: PC BS FROZEN11 RNA	HiSeq1027 tot RNA QC	✓	RIN: 9.10	
32: PC BS FROZEN12 RNA	HiSeq1027 tot RNA QC	✓	RIN: 8.40	
33: PC BS FROZEN13 RNA	HiSeq1027 tot RNA QC	✓	RIN: 8.60	
34: PC BS FROZEN14 RNA	HiSeq1027 tot RNA QC	✓	RIN: 9.90	
Ladder		✓	All Other Samples	

Chip Lot #

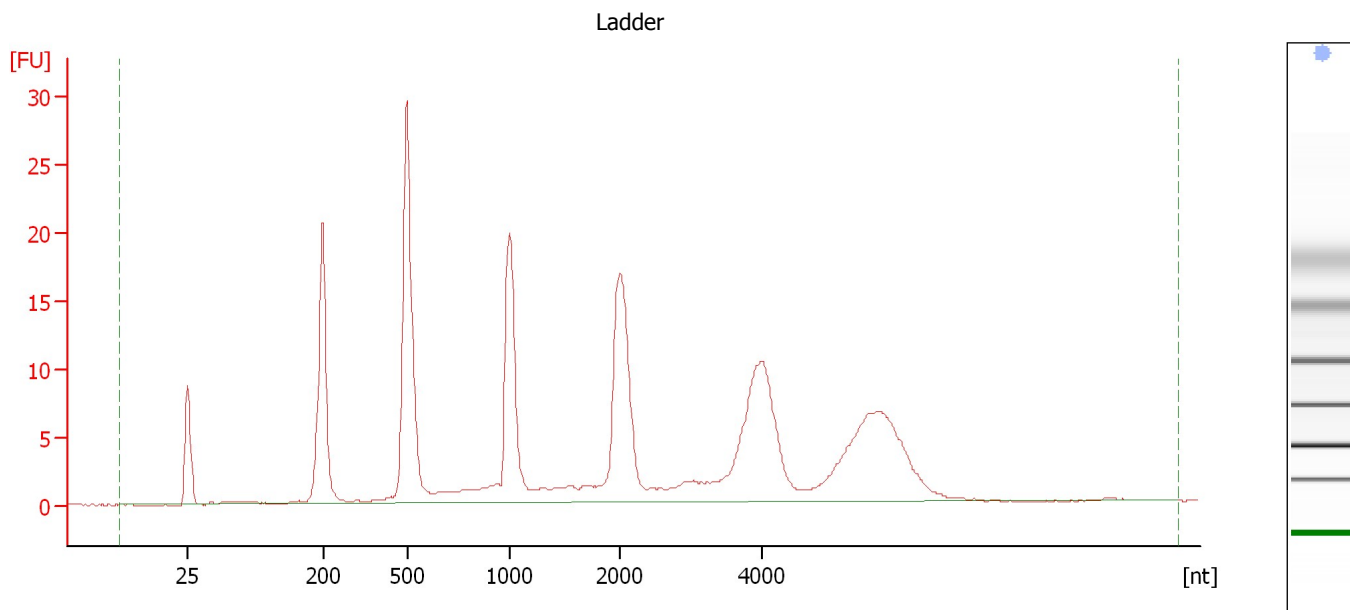
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary



Overall Results for Ladder

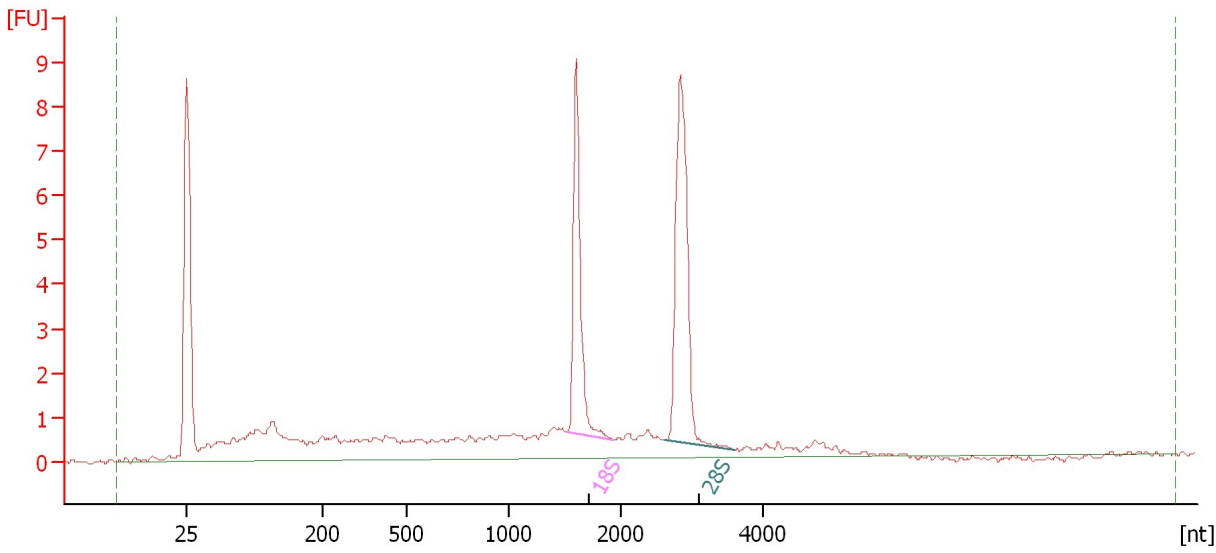
RNA Area:	247.7	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

25: PC SA FROZEN13 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 1 : 25: PC SA FROZEN13 RNA

RNA Area:	58.0	RNA Integrity Number (RIN):	7.7 (B.02.08)
RNA Concentration:	35 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 7.70

Fragment table for sample 1 : 25: PC SA FROZEN13 RNA

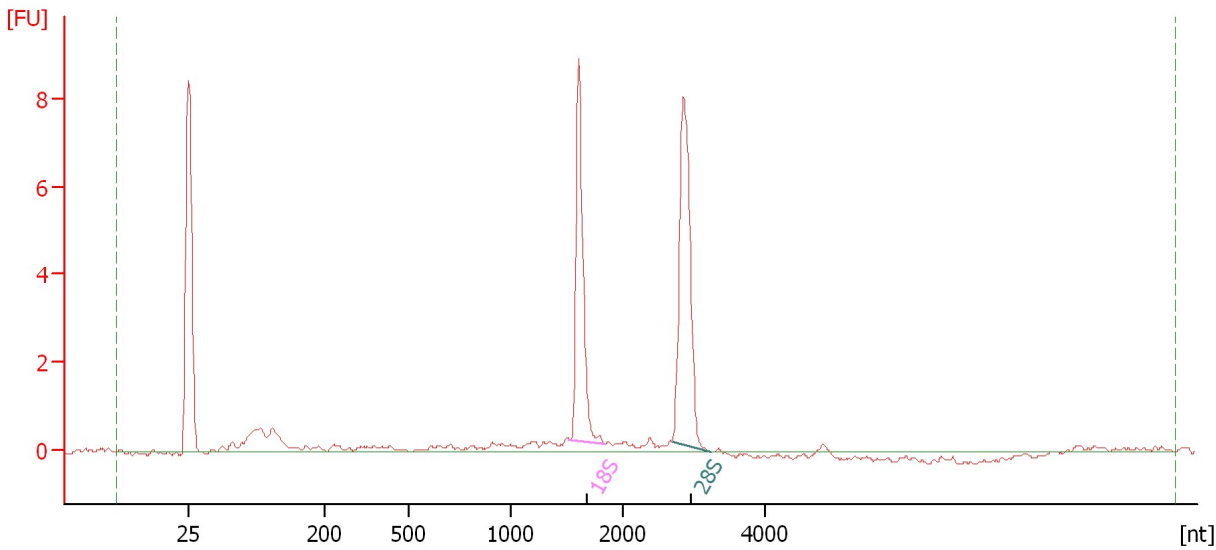
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,513	1,935	7.9	13.7
28S	2,606	3,602	11.3	19.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

26: PC SA FROZEN14 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 2 : 26: PC SA FROZEN14 RNA

RNA Area:	29.8	RNA Integrity Number (RIN):	8.8 (B.02.08)
RNA Concentration:	18 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 8.80

Fragment table for sample 2 : 26: PC SA FROZEN14 RNA

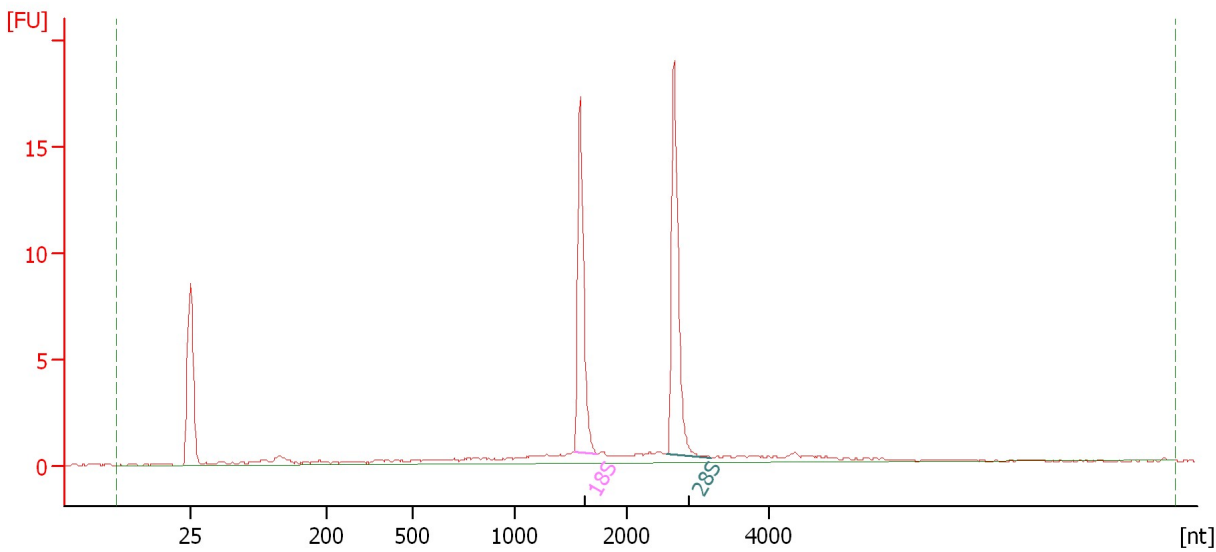
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,515	1,831	7.8	26.1
28S	2,697	3,224	10.3	34.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

27: PC BS ASAP2 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 3 : 27: PC BS ASAP2 RNA

RNA Area:	48.3	RNA Integrity Number (RIN):	9.3 (B.02.08)
RNA Concentration:	29 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 9.30

Fragment table for sample 3 : 27: PC BS ASAP2 RNA

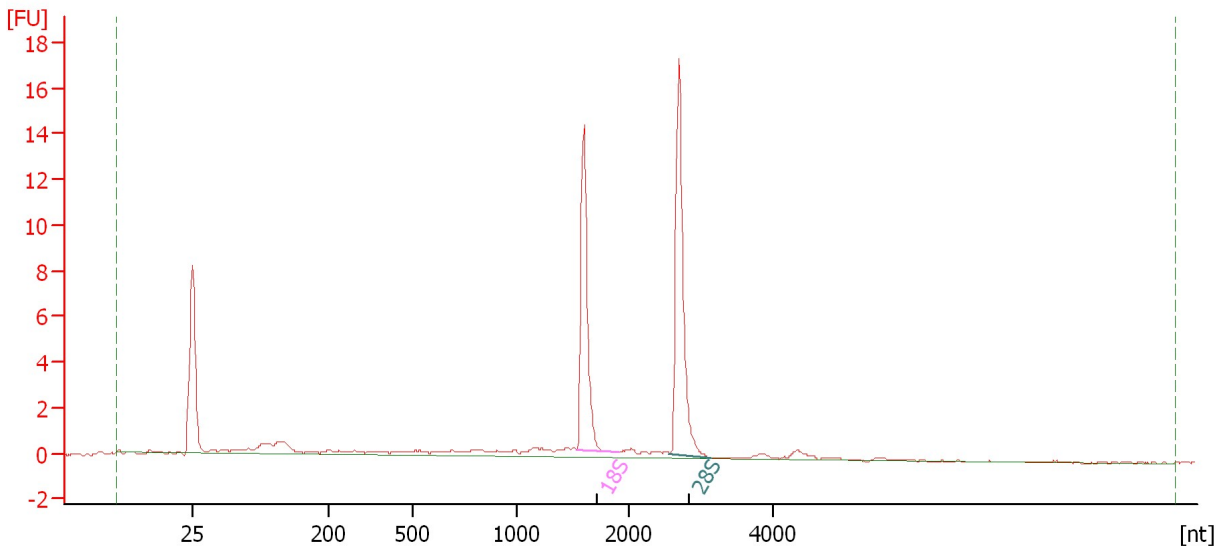
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,529	1,738	12.6	26.1
28S	2,562	3,177	14.4	29.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

28: PC BS ASAP3 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 4 : 28: PC BS ASAP3 RNA

RNA Area:	42.7	RNA Integrity Number (RIN):	9.3 (B.02.08)
RNA Concentration:	26 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 9.30

Fragment table for sample 4 : 28: PC BS ASAP3 RNA

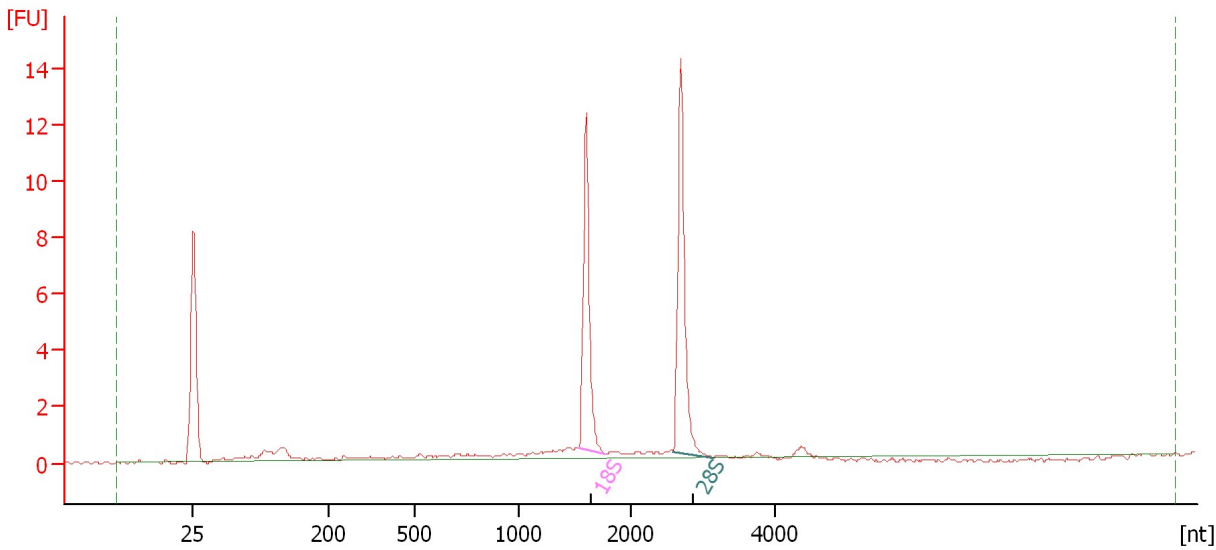
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,541	1,901	11.4	26.6
28S	2,563	3,131	14.5	33.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

29: PC BS ASAP6 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 5 : 29: PC BS ASAP6 RNA

RNA Area:	31.5	RNA Integrity Number (RIN):	8.7 (B.02.08)
RNA Concentration:	19 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 8.70

Fragment table for sample 5 : 29: PC BS ASAP6 RNA

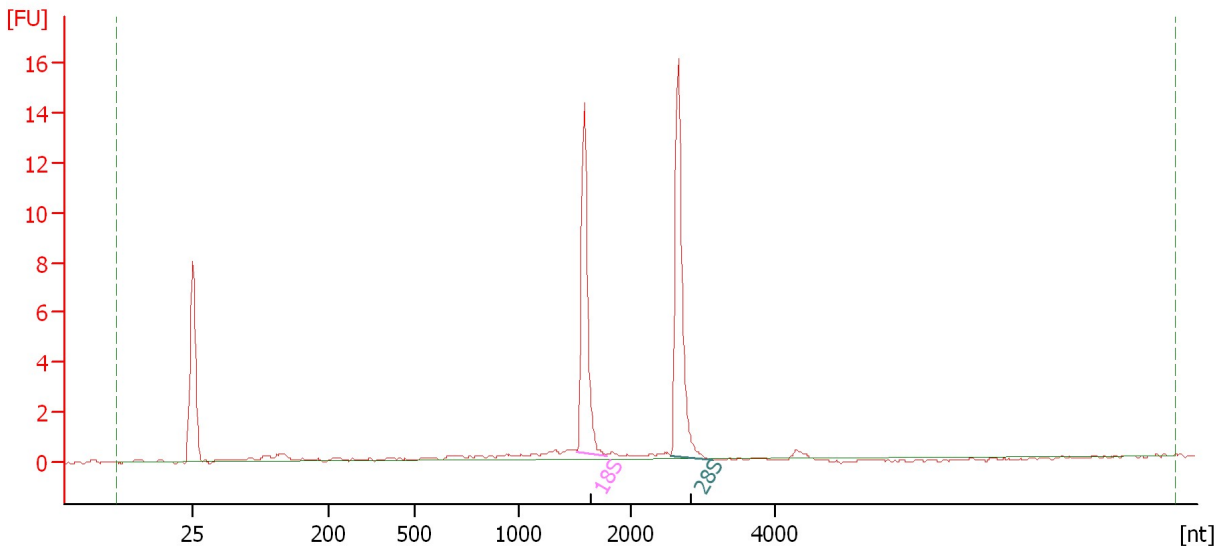
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,543	1,770	9.1	29.0
28S	2,593	3,130	11.0	34.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

30: PC BS ASAP7 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 6 : 30: PC BS ASAP7 RNA

RNA Area:	31.0	RNA Integrity Number (RIN):	9.2 (B.02.08)
RNA Concentration:	19 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 9.20

Fragment table for sample 6 : 30: PC BS ASAP7 RNA

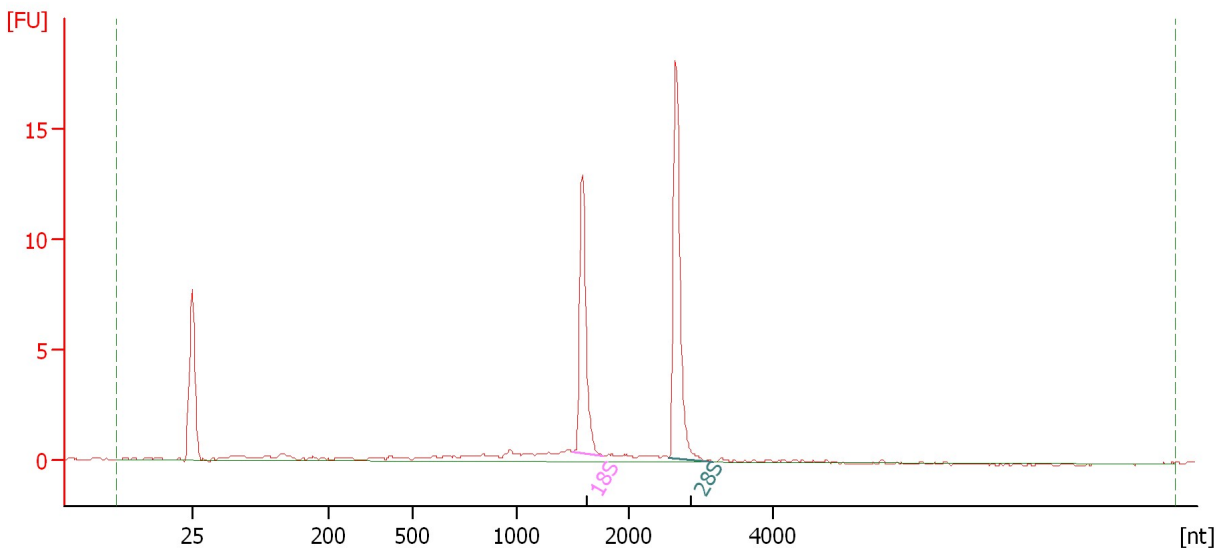
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,524	1,780	10.8	34.9
28S	2,548	3,145	12.7	40.9

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

31: PC BS FROZEN11 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 7 : 31: PC BS FROZEN11 RNA

RNA Area: 39.1 RNA Integrity Number (RIN): 9.1 (B.02.08)
 RNA Concentration: 24 ng/μl Result Flagging Color:
 rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 9.10

Fragment table for sample 7 : 31: PC BS FROZEN11 RNA

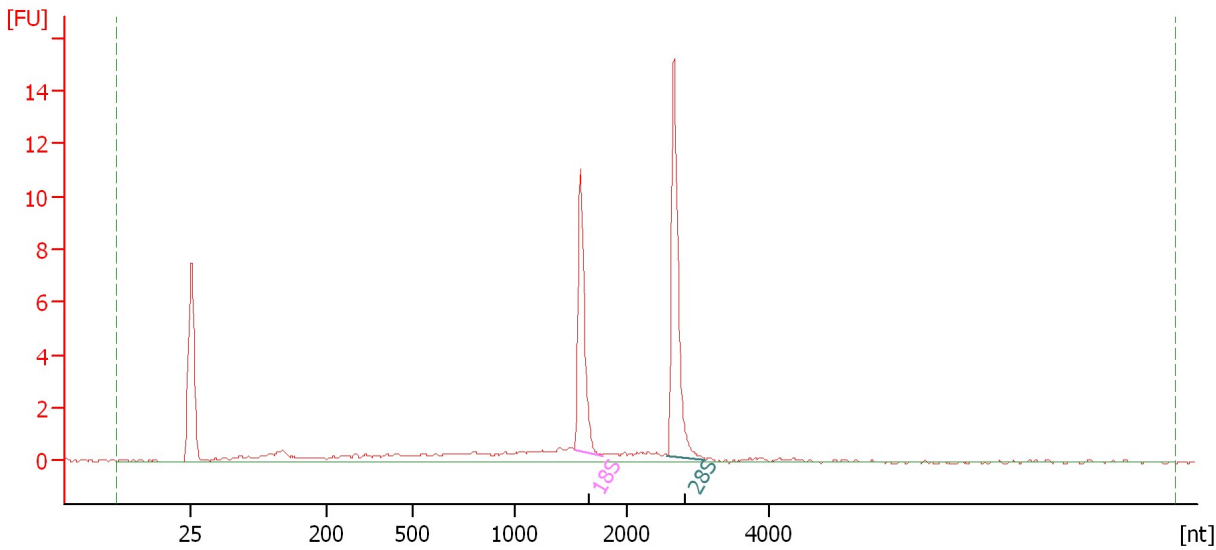
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,503	1,769	10.0	25.5
28S	2,563	3,176	13.8	35.3

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

32: PC BS FROZEN12 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 8 : 32: PC BS FROZEN12 RNA

RNA Area:	37.1	RNA Integrity Number (RIN):	8.4 (B.02.08)
RNA Concentration:	22 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 8.40

Fragment table for sample 8 : 32: PC BS FROZEN12 RNA

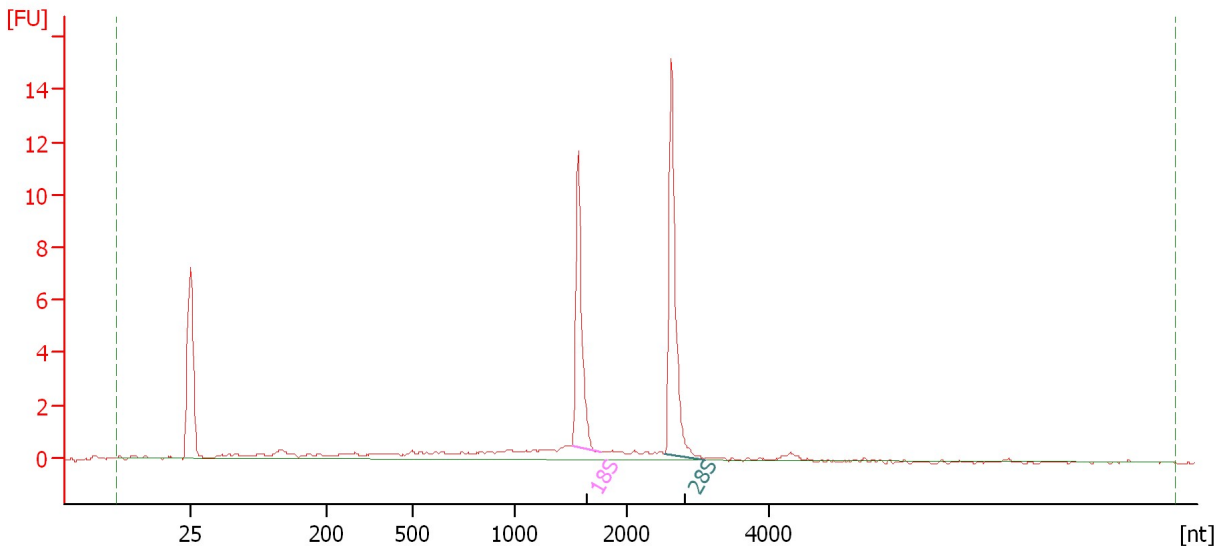
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,529	1,776	8.4	22.6
28S	2,562	3,102	11.7	31.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

33: PC BS FROZEN13 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 9 : 33: PC BS FROZEN13 RNA

RNA Area: 37.3 RNA Integrity Number (RIN): 8.6 (B.02.08)
 RNA Concentration: 23 ng/μl Result Flagging Color:
 rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 8.60

Fragment table for sample 9 : 33: PC BS FROZEN13 RNA

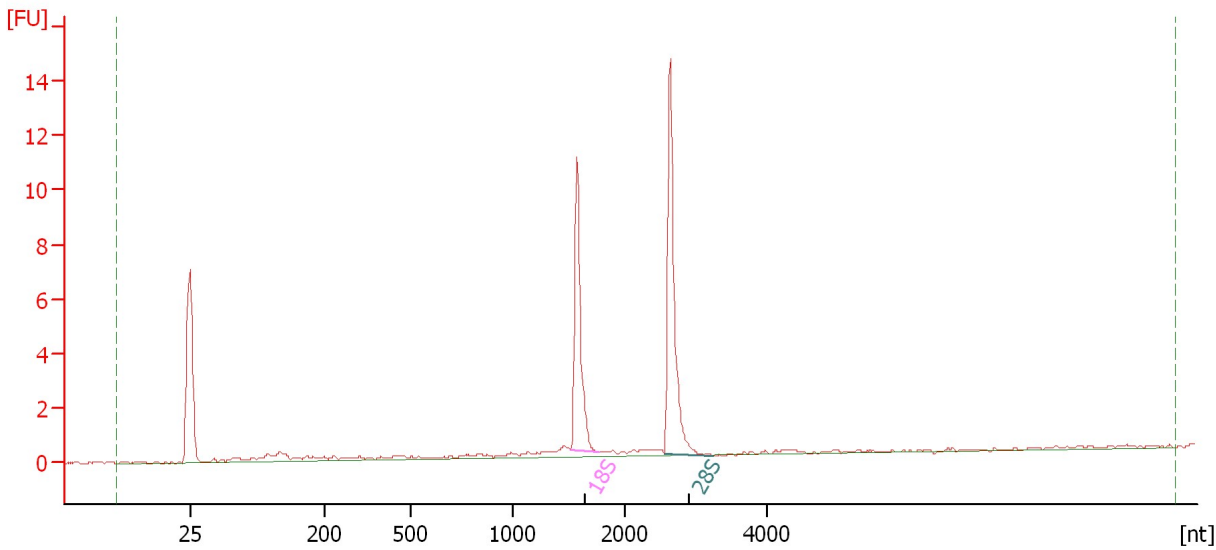
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,510	1,757	8.8	23.5
28S	2,532	3,087	11.6	31.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
 Modified: 6/27/2017 9:57:51 AM

Electropherogram Summary Continued ...

34: PC BS FROZEN14 RNA [HiSeq1027 tot RNA QC]



Overall Results for sample 10 : 34: PC BS FROZEN14 RNA

RNA Area:	29.1	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	18 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 9.90

Fragment table for sample 10 : 34: PC BS FROZEN14 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,518	1,765	8.6	29.7
28S	2,547	3,238	11.5	39.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...data\2017-06-27\2017-06-27_003_HiSeq1027_TotRNAQC_25-34.xad

Created: 6/27/2017 9:32:05 AM
Modified: 6/27/2017 9:57:51 AM

Gel Image

