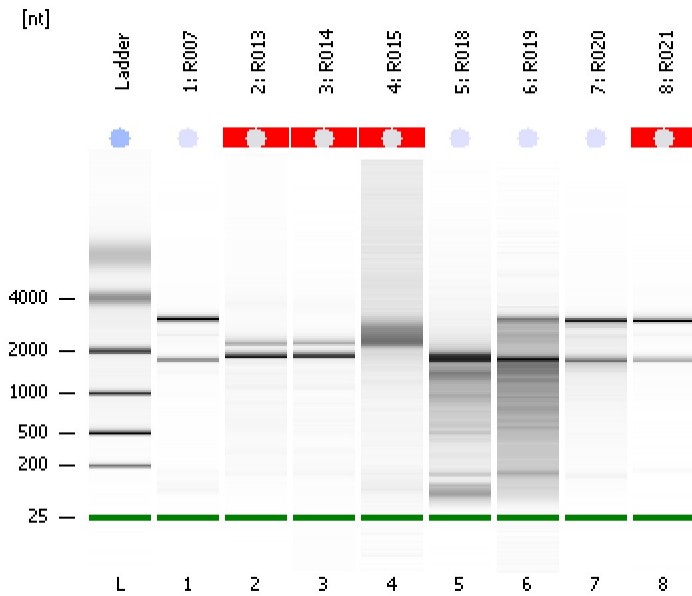


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:34:41 AM

**Electrophoresis File Run Summary**



Instrument Information:

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

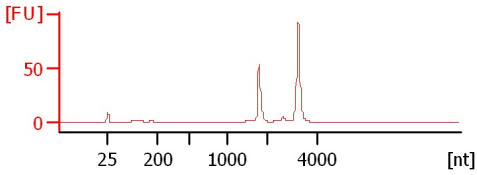
Assay Information:

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)  
© Copyright 2003 - 2009 Agilent Technologies, Inc.

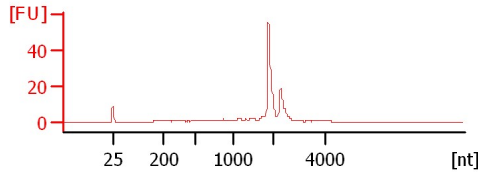
Chip Information:

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

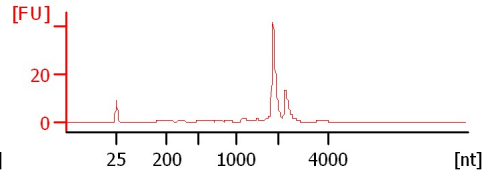
**1: R007**  
HiSeq1015 Tot RNA QC  
RIN: 9.70



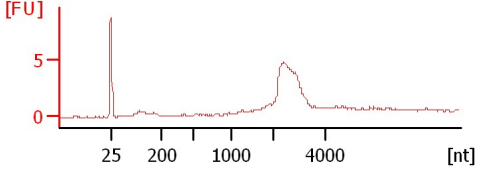
**2: R013**  
HiSeq1015 Tot RNA QC  
RIN N/A



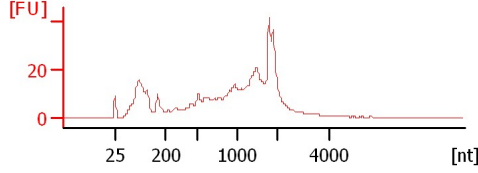
**3: R014**  
HiSeq1015 Tot RNA QC  
RIN N/A



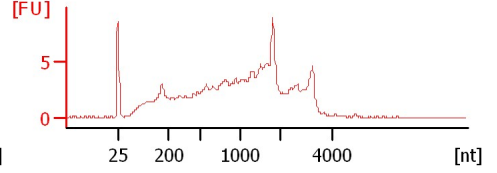
**4: R015**  
HiSeq1015 Tot RNA QC  
RIN N/A



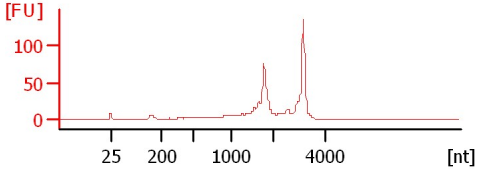
**5: R018**  
HiSeq1015 Tot RNA QC  
RIN: 5



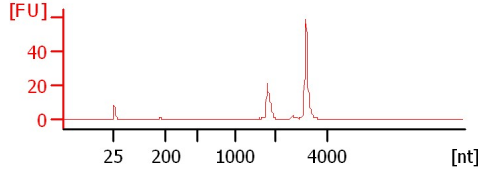
**6: R019**  
HiSeq1015 Tot RNA QC  
RIN: 4.90



**7: R020**  
HiSeq1015 Tot RNA QC  
RIN: 8.50



**8: R021**  
HiSeq1015 Tot RNA QC  
RIN N/A



Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:34:41 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
1: R007	HiSeq1015 Tot RNA QC	✓	RIN: 9.70	
2: R013	HiSeq1015 Tot RNA QC	✓	RIN N/A	
3: R014	HiSeq1015 Tot RNA QC	✓	RIN N/A	
4: R015	HiSeq1015 Tot RNA QC	✓	RIN N/A	
5: R018	HiSeq1015 Tot RNA QC	✓	RIN:5	
6: R019	HiSeq1015 Tot RNA QC	✓	RIN: 4.90	
7: R020	HiSeq1015 Tot RNA QC	✓	RIN: 8.50	
8: R021	HiSeq1015 Tot RNA QC	✓	RIN N/A	
Ladder		✓	All Other Samples	

**Chip Lot #**

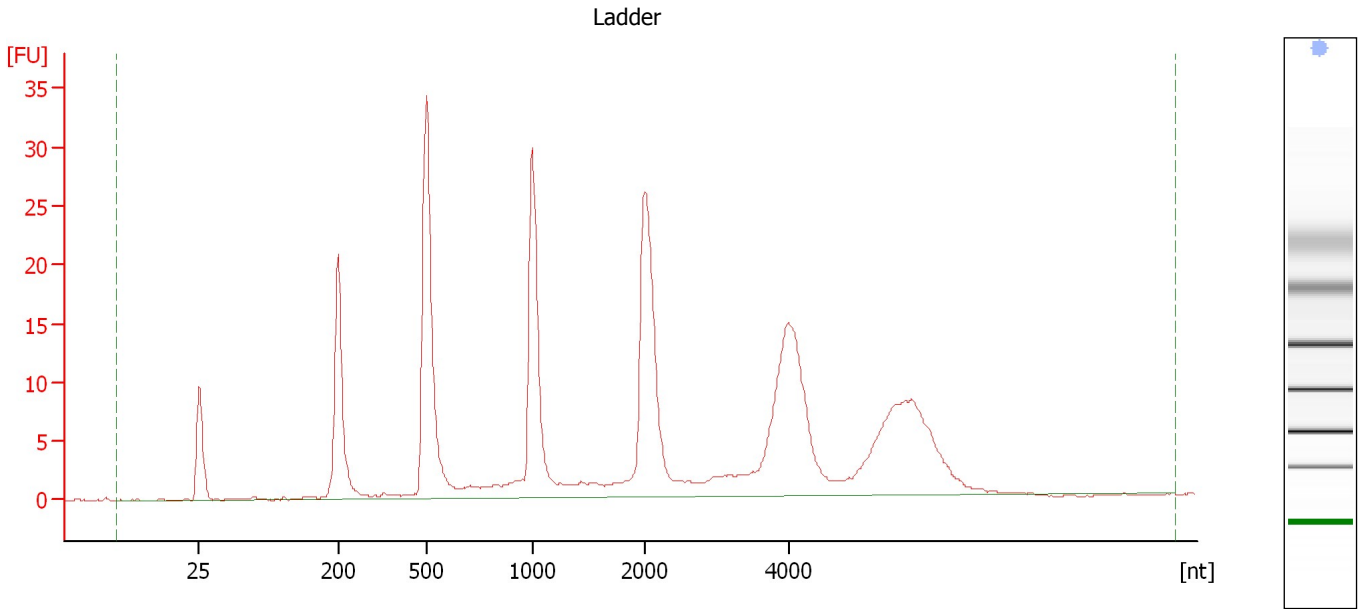
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary**



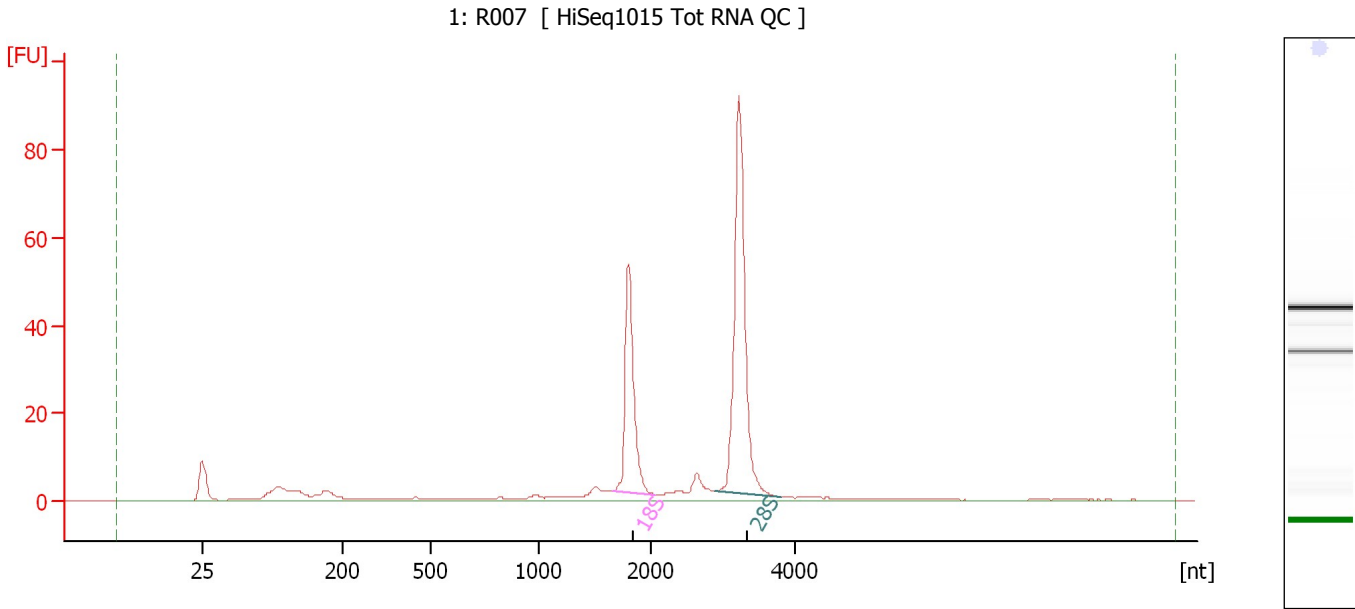
**Overall Results for Ladder**

RNA Area:	295.2	Result Flagging Color:	<span style="background-color: #add8e6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 1: R007**

RNA Area:	250.3	RNA Integrity Number (RIN):	9.7 (B.02.08)
RNA Concentration:	127 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.70

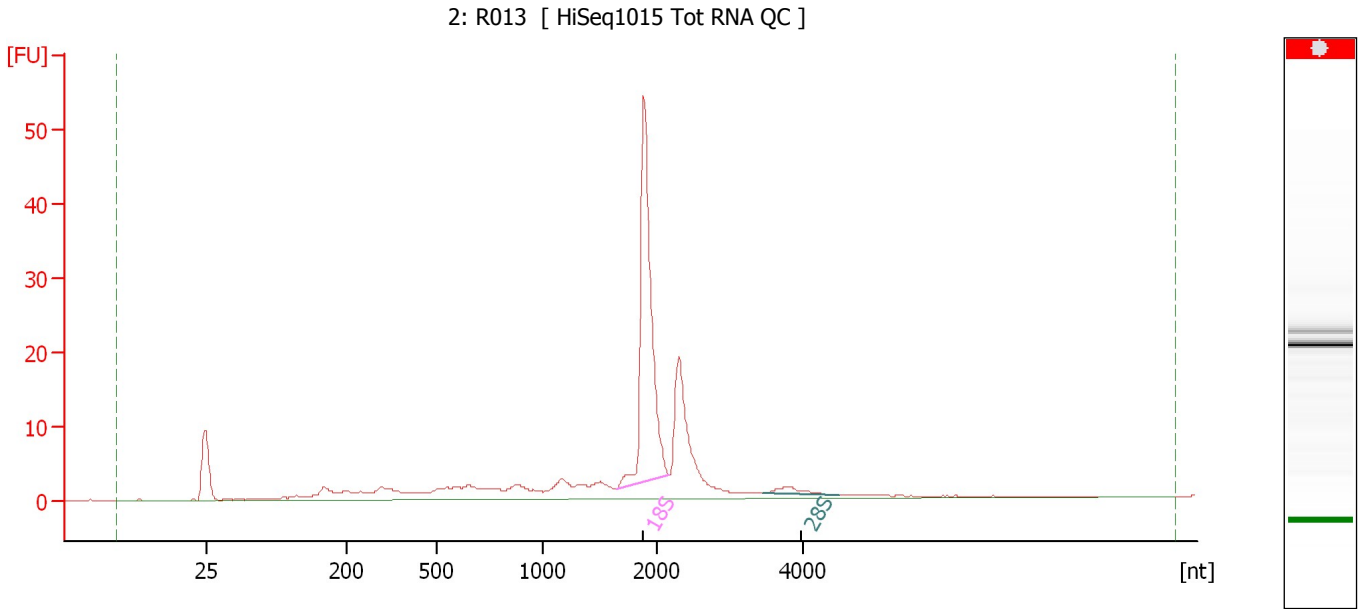
**Fragment table for sample 1 : 1: R007**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,662	2,064	53.0	21.2
28S	2,894	3,814	102.7	41.0

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 2: R013**

RNA Area:	192.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	98 ng/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

**Fragment table for sample 2 : 2: R013**

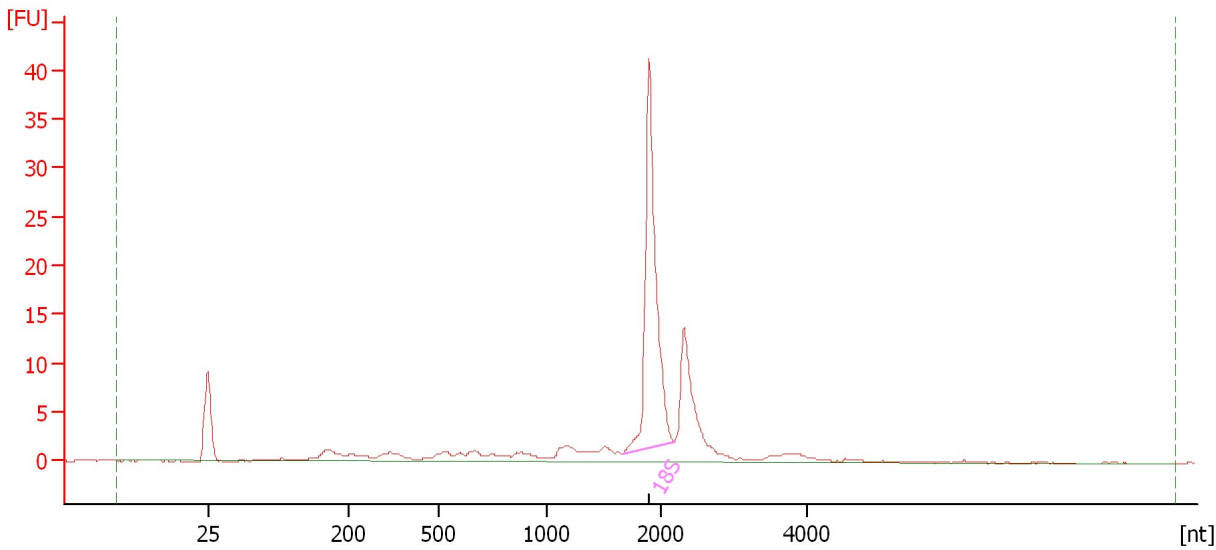
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,639	2,171	64.3	33.5
28S	3,468	4,499	2.8	1.5

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**

3: R014 [ HiSeq1015 Tot RNA QC ]



**Overall Results for sample 3 : 3: R014**

RNA Area:	123.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	63 ng/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

**Fragment table for sample 3 : 3: R014**

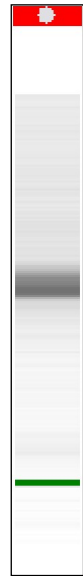
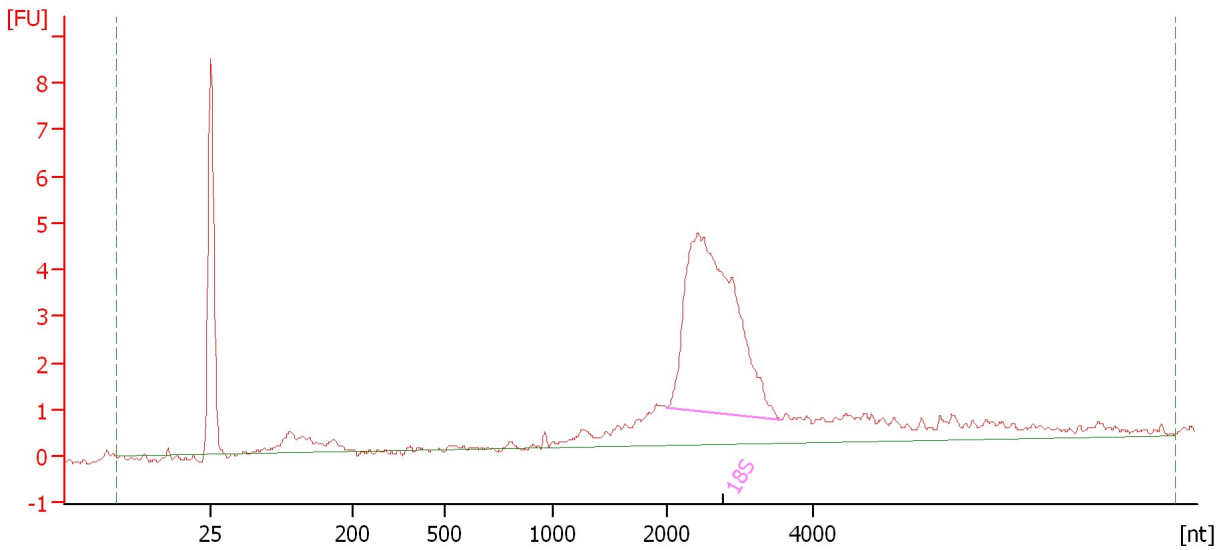
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,661	2,188	49.7	40.3

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**

4: R015 [ HiSeq1015 Tot RNA QC ]



**Overall Results for sample 4 : 4: R015**

RNA Area:	47.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	24 ng/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

**Fragment table for sample 4 : 4: R015**

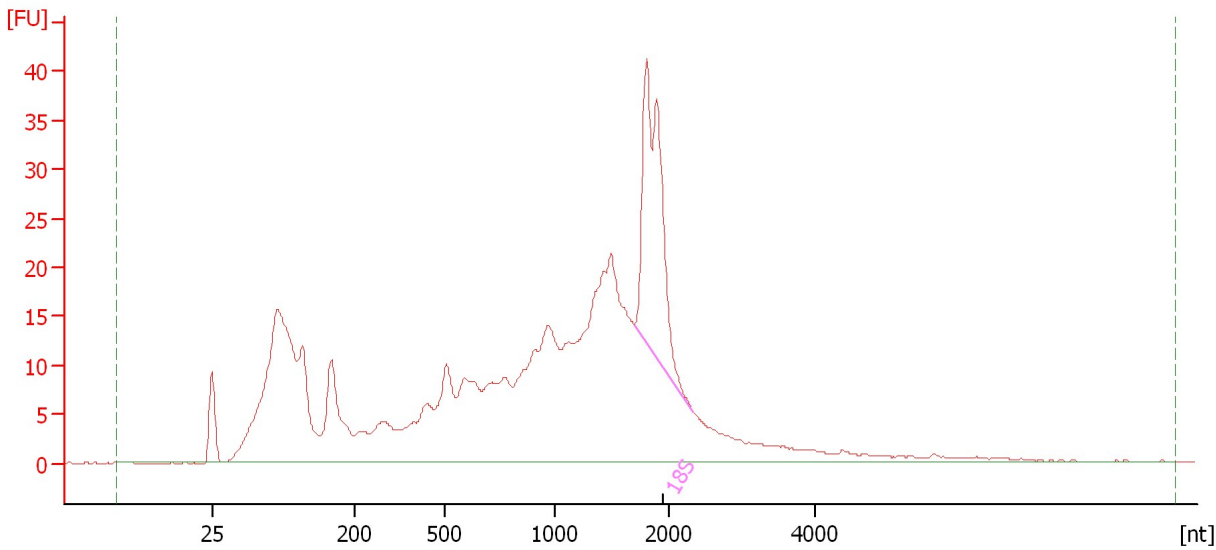
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,992	3,562	22.4	47.2

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**

5: R018 [ HiSeq1015 Tot RNA QC ]



**Overall Results for sample 5 : 5: R018**

RNA Area:	618.9	RNA Integrity Number (RIN):	5 (B.02.08)
RNA Concentration:	314 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:5

**Fragment table for sample 5 : 5: R018**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,696	2,324	64.7	10.4

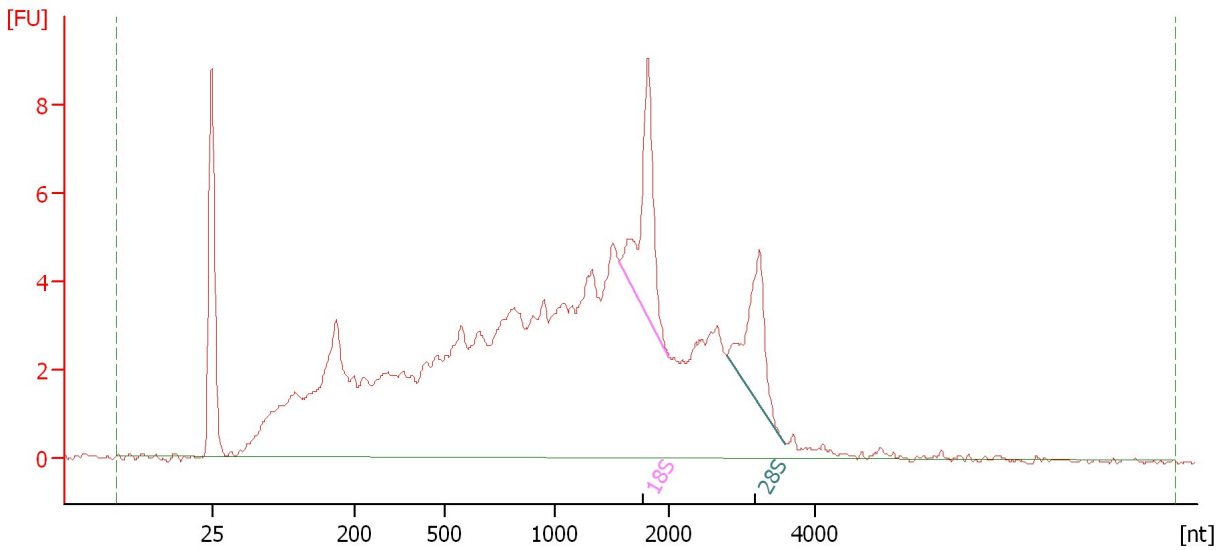


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**

6: R019 [ HiSeq1015 Tot RNA QC ]



**Overall Results for sample 6 : 6: R019**

RNA Area: 172.5                      RNA Integrity Number (RIN): 4.9 (B.02.08)  
RNA Concentration: 88 ng/μl              Result Flagging Color:   
rRNA Ratio [28s / 18s]: 0.7              Result Flagging Label: RIN: 4.90

**Fragment table for sample 6 : 6: R019**

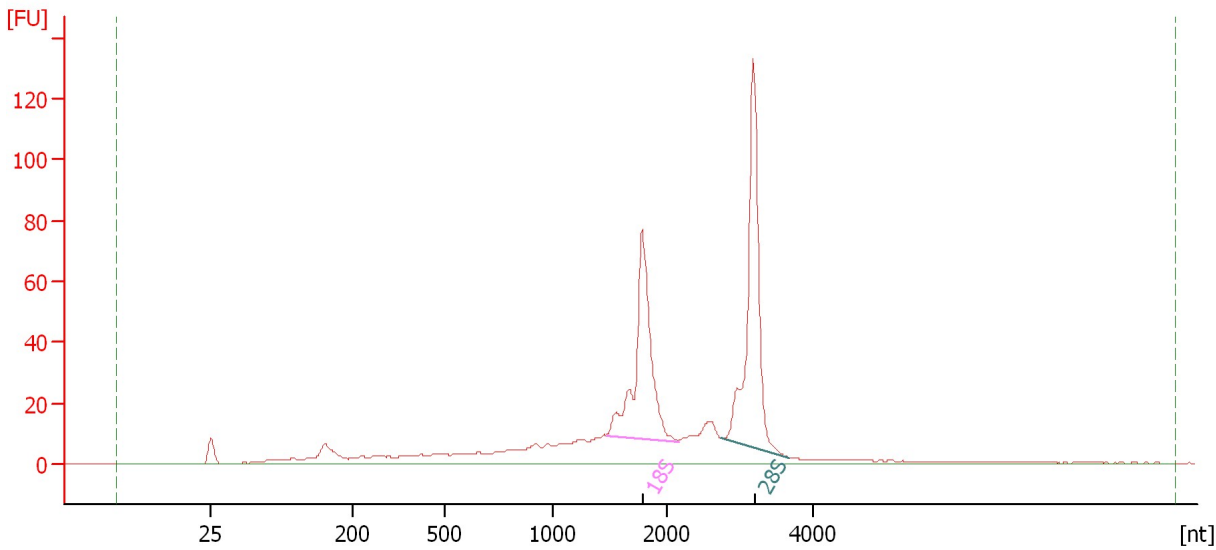
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,566	2,004	8.6	5.0
28S	2,789	3,590	6.1	3.5

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**

7: R020 [ HiSeq1015 Tot RNA QC ]



**Overall Results for sample 7 : 7: R020**

RNA Area: 603.7                      RNA Integrity Number (RIN): 8.5 (B.02.08)  
RNA Concentration: 307 ng/μl              Result Flagging Color:   
rRNA Ratio [28s / 18s]: 1.2              Result Flagging Label: RIN: 8.50

**Fragment table for sample 7 : 7: R020**

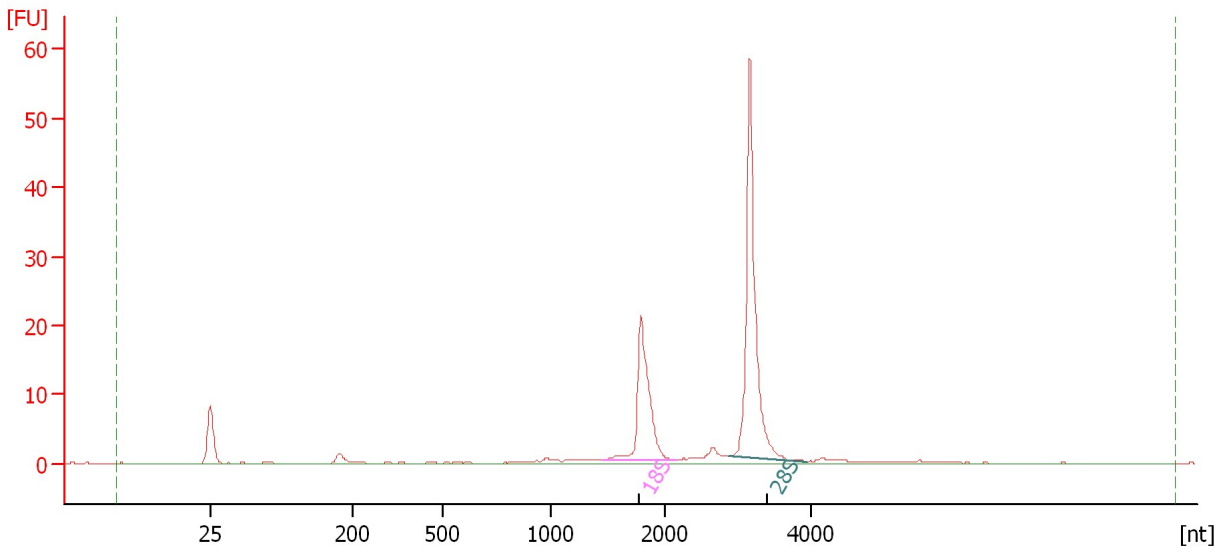
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,471	2,148	124.0	20.5
28S	2,746	3,664	149.0	24.7

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:34:41 AM

**Electropherogram Summary Continued ...**

8: R021 [ HiSeq1015 Tot RNA QC ]



**Overall Results for sample 8 : 8: R021**

RNA Area:	120.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	61 ng/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN N/A

**Fragment table for sample 8 : 8: R021**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,459	2,161	29.0	24.1
28S	2,877	3,929	54.3	45.1

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...t\data\2017-06-27\2017-06-27\_004\_HiSeq1015\_TotRNAQC\_1-8.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:34:41 AM

**Gel Image**

